

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031419\
 Data File : VX008079.D
 Acq On : 14 Mar 2019 19:47
 Operator : JC/SP
 Sample : VX0314WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:06:23 AM

Quant Time: Mar 15 05:00:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031419W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 03:56:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	440768	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	389450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192632	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	148108	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
35) Dibromofluoromethane	5.50	113	137572	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	8.71	98	526302	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	183811	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	45259	18.316	ug/l	99
3) Chloromethane	1.33	50	47297	16.256	ug/l	99
4) Vinyl Chloride	1.41	62	46222	16.650	ug/l	100
5) Bromomethane	1.64	94	25725	18.078	ug/l	99
6) Chloroethane	1.73	64	30582	20.049	ug/l	99
7) Trichlorofluoromethane	1.93	101	58583	17.582	ug/l	94
8) Diethyl Ether	2.19	74	33119	19.996	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	48600	19.516	ug/l	96
10) Methyl Iodide	2.51	142	70905	20.382	ug/l	96
11) Tert butyl alcohol	3.07	59	62293	103.543	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47031	19.982	ug/l	91
13) Acrolein	2.30	56	46723	84.312	ug/l	100
14) Allyl chloride	2.73	41	84258	19.654	ug/l	98
15) Acrylonitrile	3.15	53	148218	101.034	ug/l	99
16) Acetone	2.45	43	134562	91.532	ug/l	97
17) Carbon Disulfide	2.57	76	133356	19.733	ug/l	99
18) Methyl Acetate	2.78	43	67460	21.231	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	160010	20.107	ug/l	100
20) Methylene Chloride	2.86	84	51837	19.743	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50610	19.957	ug/l	93
22) Diisopropyl ether	3.87	45	170287	19.988	ug/l	97
23) Vinyl Acetate	3.82	43	725506	100.129	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92646	19.838	ug/l	98
25) 2-Butanone	4.70	43	218402	96.786	ug/l	97
26) 2,2-Dichloropropane	4.59	77	64324	18.028	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	58551	19.423	ug/l	97
28) Bromochloromethane	5.02	49	46530	21.095	ug/l	89
29) Tetrahydrofuran	5.15	42	137102	97.328	ug/l	95
30) Chloroform	5.21	83	90622	19.157	ug/l	100
31) Cyclohexane	5.58	56	85787	19.267	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	75749	19.010	ug/l	97
36) 1,1-Dichloropropene	5.80	75	69404	19.140	ug/l	99
37) Ethyl Acetate	4.85	43	76800	19.706	ug/l	97
38) Carbon Tetrachloride	5.78	117	63987	18.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	87103	18.793	ug/l	99
40) Benzene	6.14	78	215923	19.437	ug/l	98
41) Methacrylonitrile	5.06	41	44134	19.451	ug/l	97
42) 1,2-Dichloroethane	6.20	62	67433	18.976	ug/l	99
43) Isopropyl Acetate	6.46	43	121269	19.322	ug/l	97
44) Trichloroethene	7.21	130	60502	18.872	ug/l	100
45) 1,2-Dichloropropane	7.51	63	55777	19.033	ug/l	99
46) Dibromomethane	7.66	93	35339	19.239	ug/l	97
47) Bromodichloromethane	7.90	83	63446	18.162	ug/l	98
48) Methyl methacrylate	7.77	41	61989	18.911	ug/l	95
49) 1,4-Dioxane	7.75	88	28079	397.169	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	396193	95.781	ug/l	97
52) Toluene	8.79	92	135234	19.152	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	68672	17.933	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	79988	18.794	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	55278	19.226	ug/l	98
56) Ethyl methacrylate	9.18	69	83010	19.545	ug/l	95
57) 1,3-Dichloropropane	9.37	76	89286	18.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	234535	93.870	ug/l	96
59) 2-Hexanone	9.49	43	303221	93.732	ug/l	98
60) Dibromochloromethane	9.58	129	54304	18.326	ug/l	99
61) 1,2-Dibromoethane	9.67	107	57757	19.171	ug/l	99
64) Tetrachloroethene	9.34	164	60768	19.258	ug/l	99
65) Chlorobenzene	10.14	112	151520	19.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	53530	19.517	ug/l	100
67) Ethyl Benzene	10.25	91	248327	19.413	ug/l	100
68) m/p-Xylenes	10.36	106	192683	39.364	ug/l	99
69) o-Xylene	10.69	106	94402	19.784	ug/l	98
70) Styrene	10.71	104	154006	19.701	ug/l	99
71) Bromoform	10.85	173	41420	18.248	ug/l	99
73) Isopropylbenzene	11.02	105	251111	20.353	ug/l	100
74) N-amyl acetate	10.90	43	101323	19.468	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	79925	19.771	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	77430m	23.145	ug/l	
77) Bromobenzene	11.26	156	68268	20.272	ug/l	96
78) n-propylbenzene	11.36	91	267613	19.770	ug/l	99
79) 2-Chlorotoluene	11.42	91	163580	19.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	206099	20.272	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	22119	18.814	ug/l	97
82) 4-Chlorotoluene	11.51	91	187523	19.806	ug/l	100
83) tert-Butylbenzene	11.77	119	204575	20.080	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	211617	20.179	ug/l	100
85) sec-Butylbenzene	11.94	105	245182	20.198	ug/l	99
86) p-Isopropyltoluene	12.06	119	220920	20.124	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	116008	19.356	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	116466	19.137	ug/l	99
89) n-Butylbenzene	12.38	91	177155	19.285	ug/l	99
90) Hexachloroethane	12.60	117	33166	18.877	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	116926	19.663	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15419	18.865	ug/l	92

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QLast Update : Fri Mar 15 03:56:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	81255	19.290	ug/l	100
94) Hexachlorobutadiene	13.78	225	43303	18.922	ug/l	98
95) Naphthalene	13.83	128	239390	20.212	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	80770	19.478	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

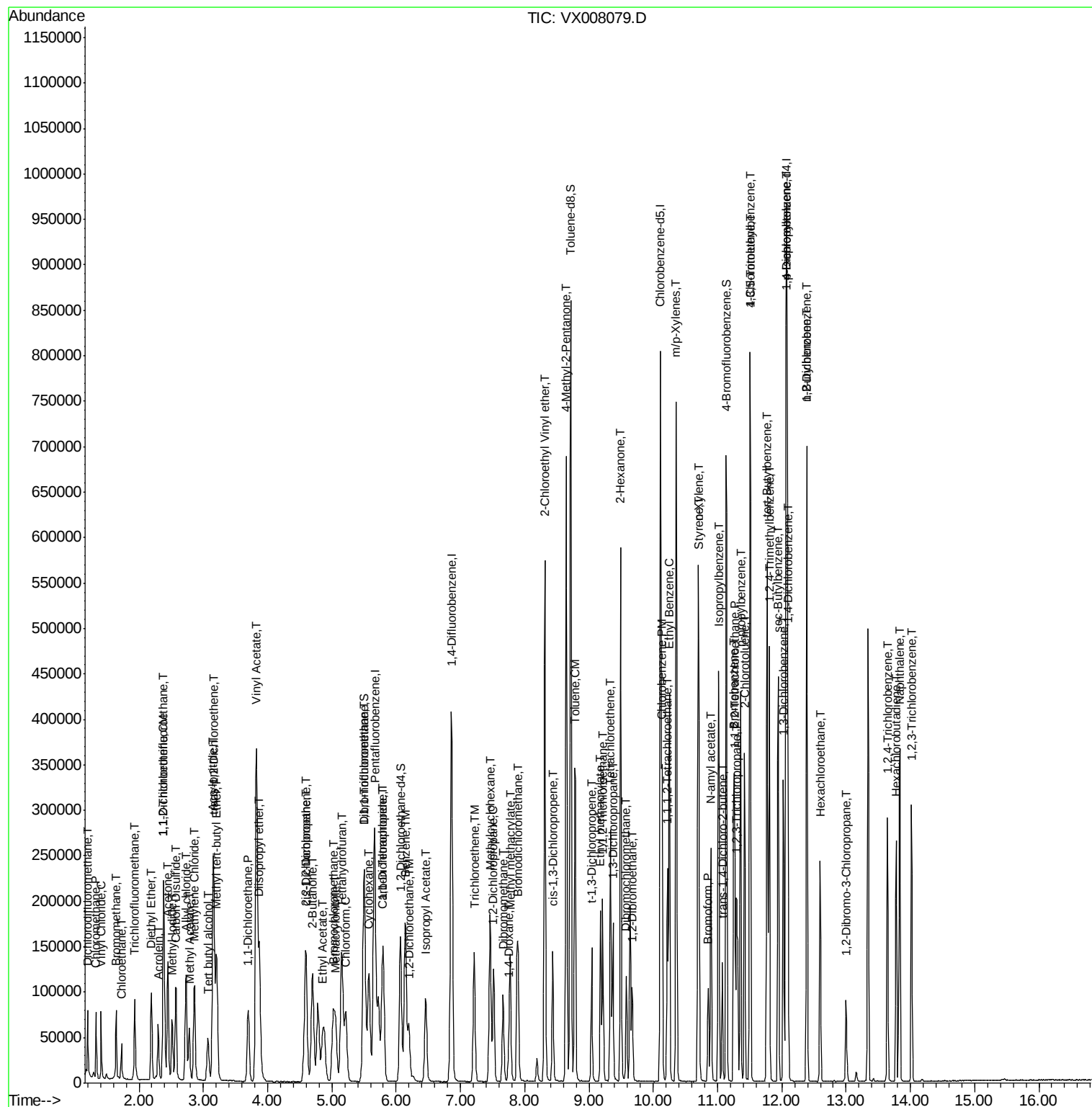
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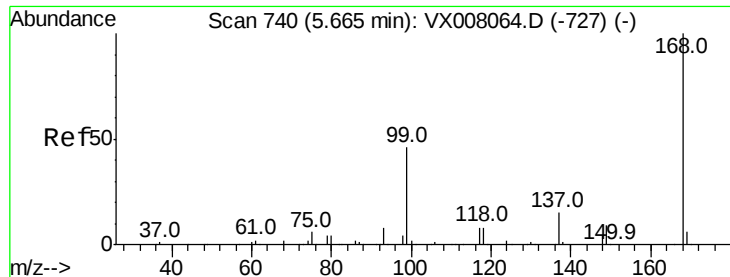
Instrument :
MSVOA_X
Client Sampled :
VX0314WBS02

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion:168 Resp: 308699

Ion Ratio Lower Upper

168 100

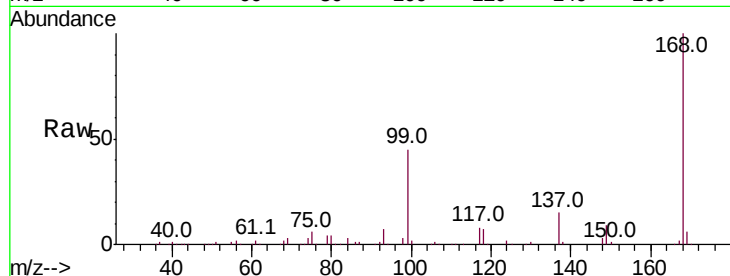
99 44.7 37.6 56.4

Manual Integrations

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3/15/2019 9:06:23 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

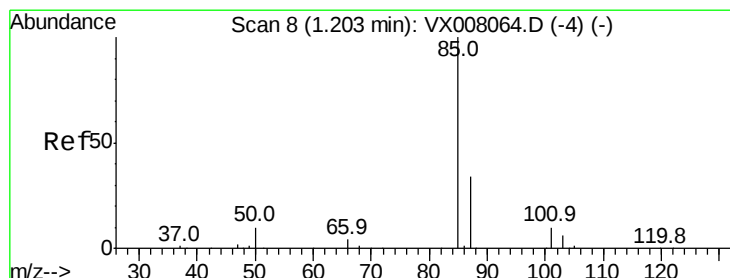
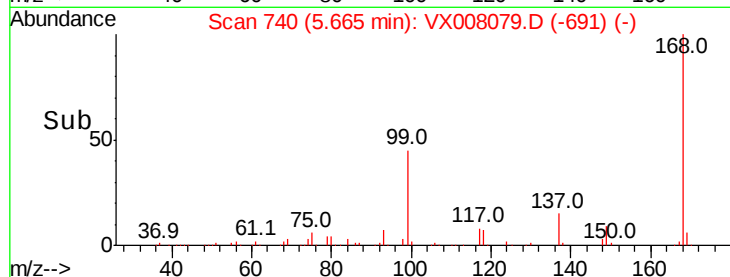
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.316 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.00 min

Lab File: VX008079.D

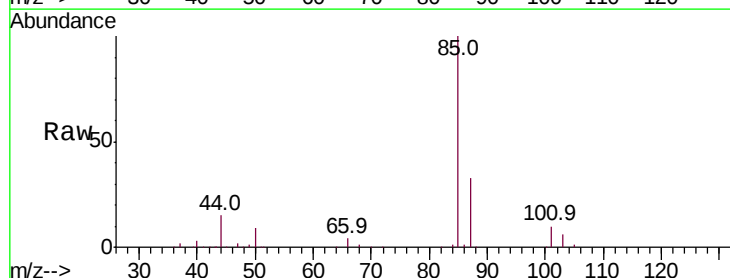
Acq: 14 Mar 2019 19:47

Tgt Ion: 85 Resp: 45259

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

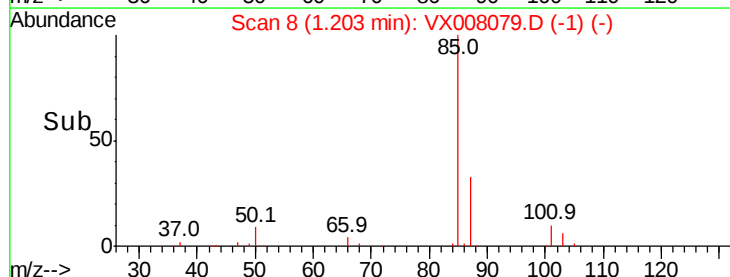
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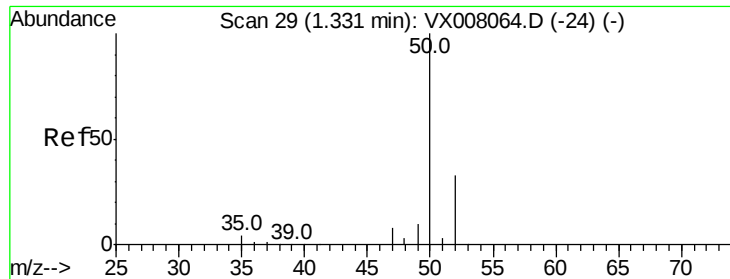
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.256 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 50 Resp: 47297

Ion Ratio Lower Upper

50 100

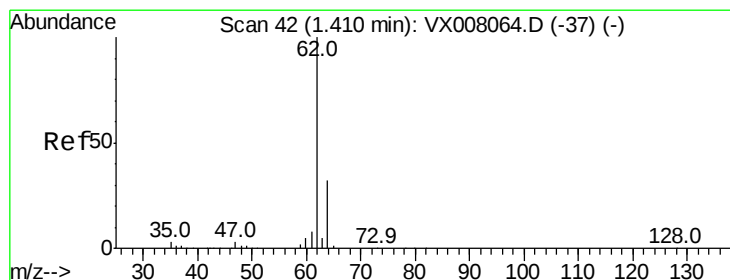
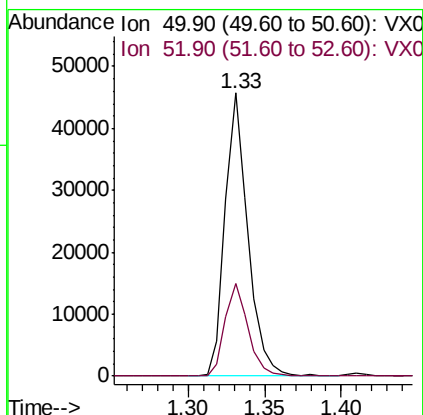
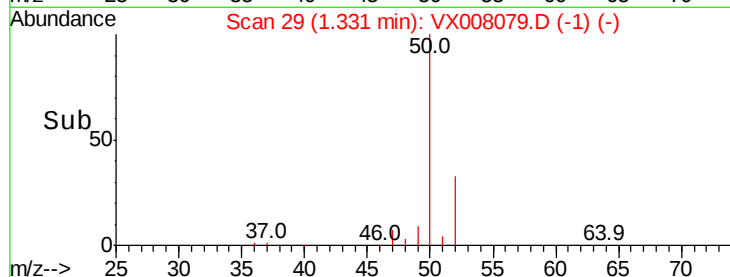
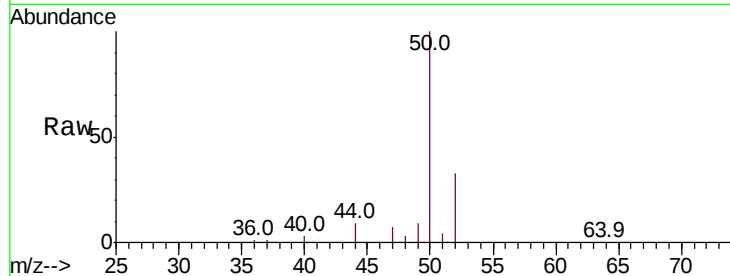
52 32.6 26.5 39.7

Manual Integrations

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3/15/2019 9:06:23 AM



#4

Vinyl Chloride

Concen: 16.650 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX008079.D

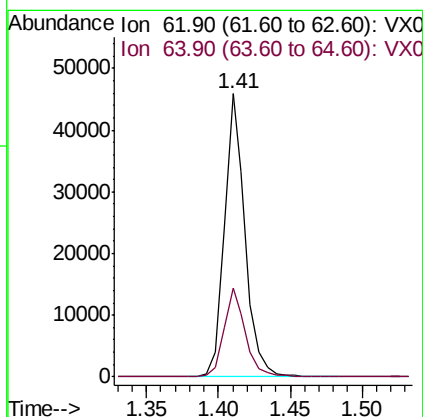
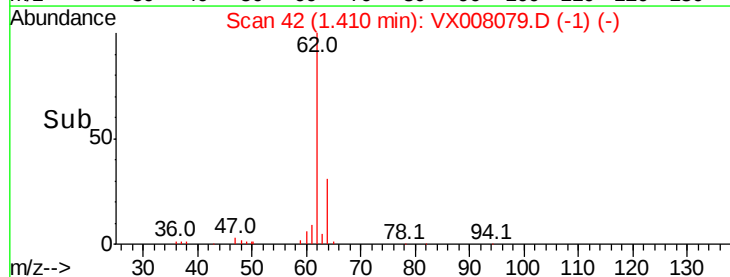
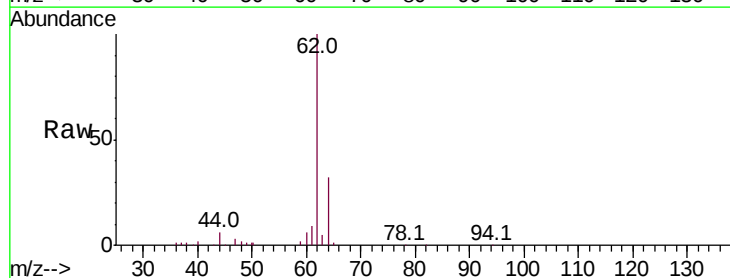
Acq: 14 Mar 2019 19:47

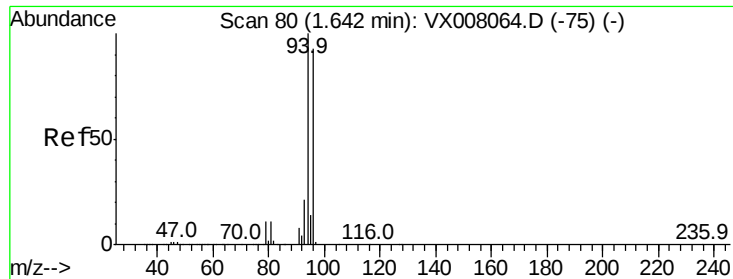
Tgt Ion: 62 Resp: 46222

Ion Ratio Lower Upper

62 100

64 31.4 25.3 37.9





#5

Bromomethane

Concen: 18.078 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 94 Resp: 25725

Ion Ratio Lower Upper

94 100

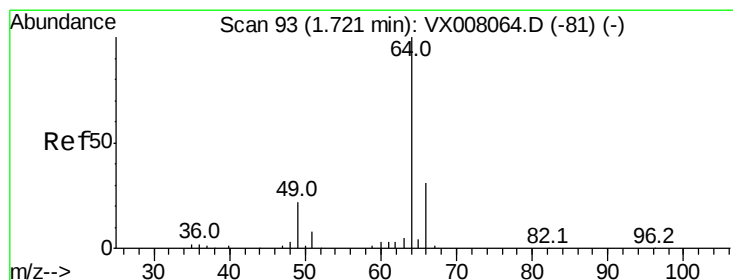
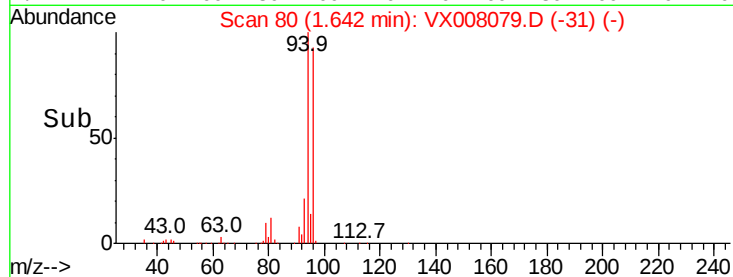
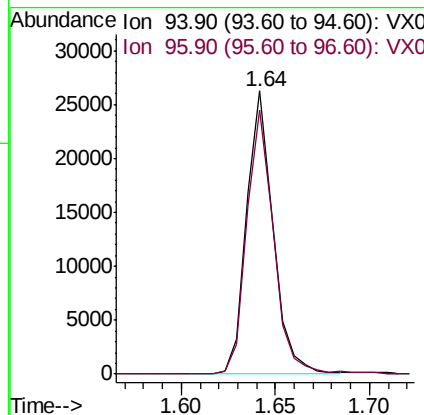
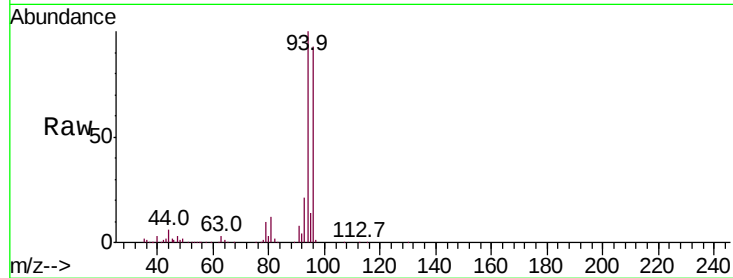
96 93.1 75.5 113.3

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#6

Chloroethane

Concen: 20.049 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX008079.D

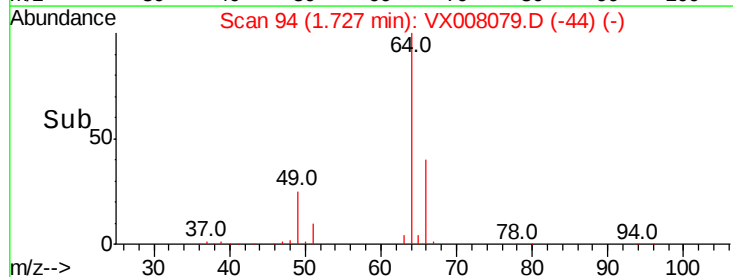
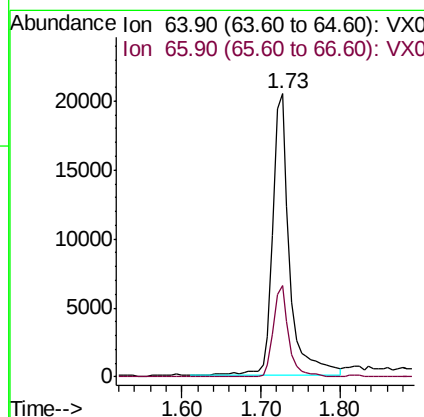
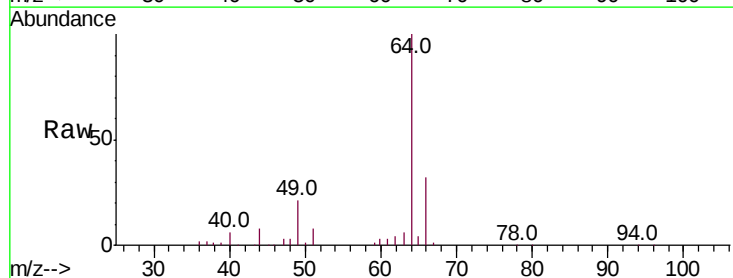
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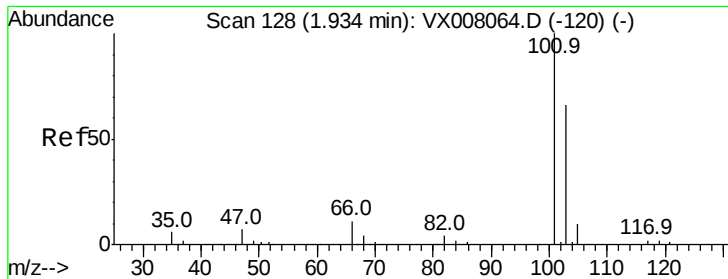
Tgt Ion: 64 Resp: 30582

Ion Ratio Lower Upper

64 100

66 32.3 25.2 37.8





#7

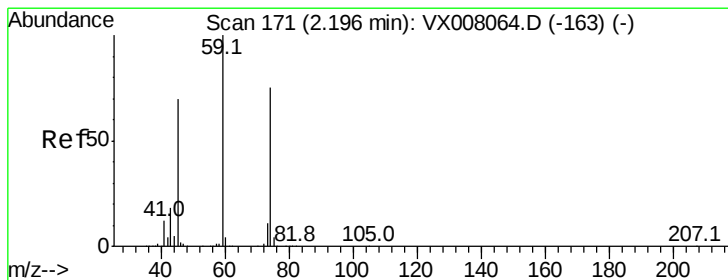
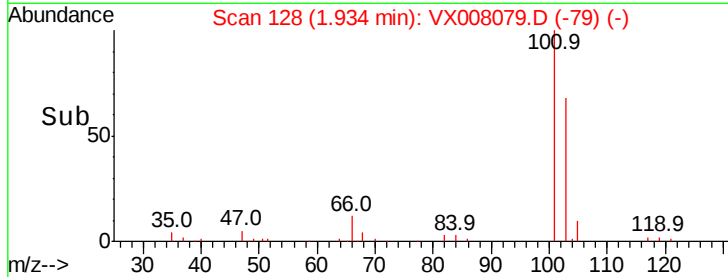
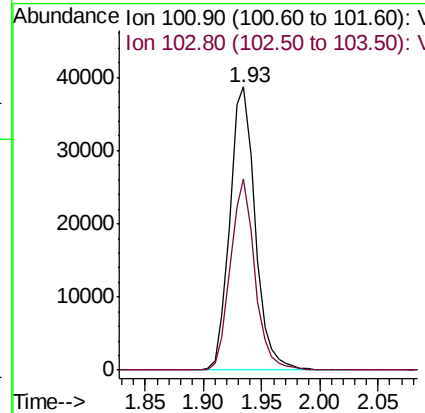
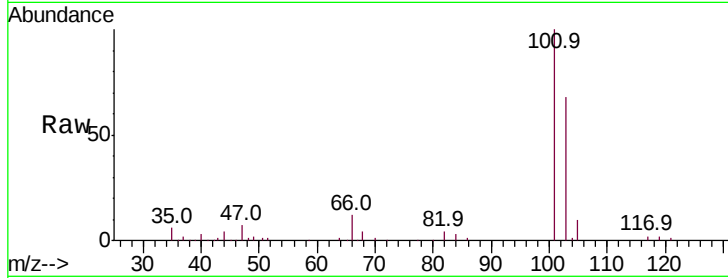
Trichlorofluoromethane
 Concen: 17.582 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Instrument :
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 VX0314WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100	100	58583		
103	67.5	50.4	75.6		

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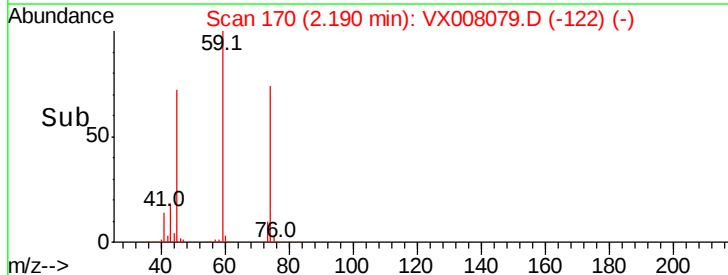
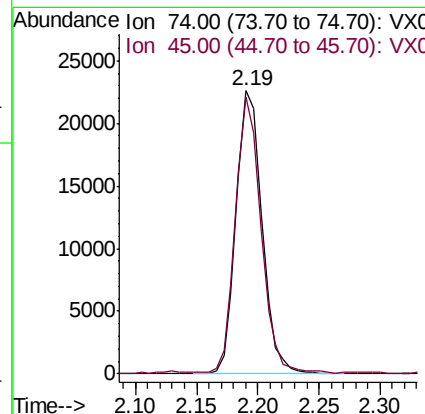
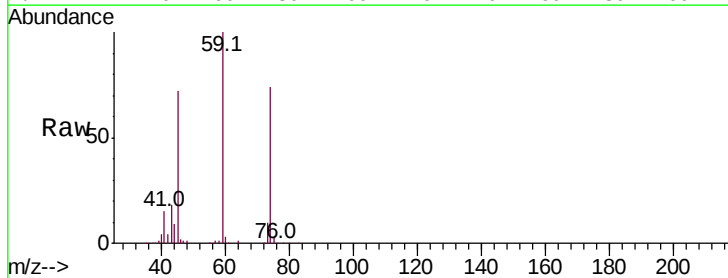
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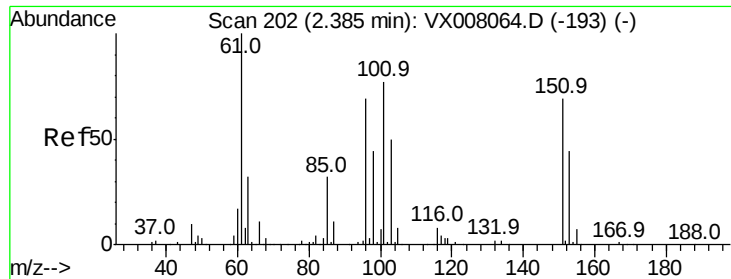


#8

Diethyl Ether
 Concen: 19.996 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100	33119			
45	96.0	52.1	156.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.516 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

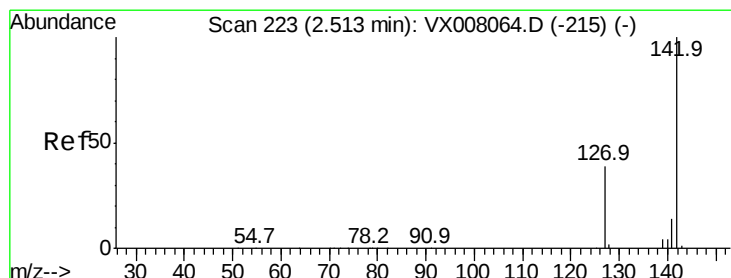
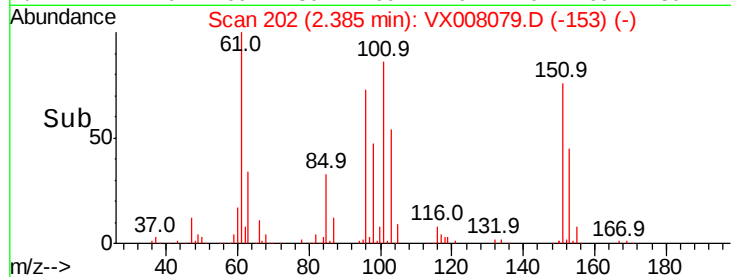
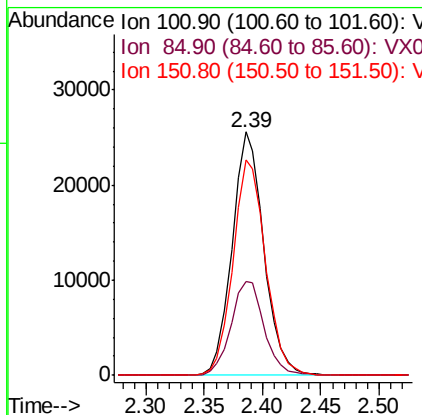
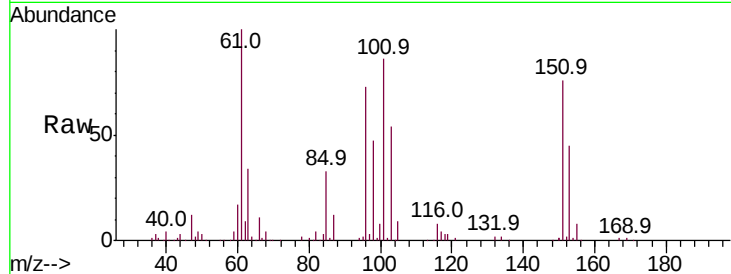
ClientSampleId :

VX0314WBS02

Tot Ion:	101	Resp:	48600
Ion Ratio	Lower	Upper	
101	100		
85	40.2	33.8	50.6
151	90.5	69.1	103.7

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#10

Methyl Iodide

Concen: 20.382 ug/l

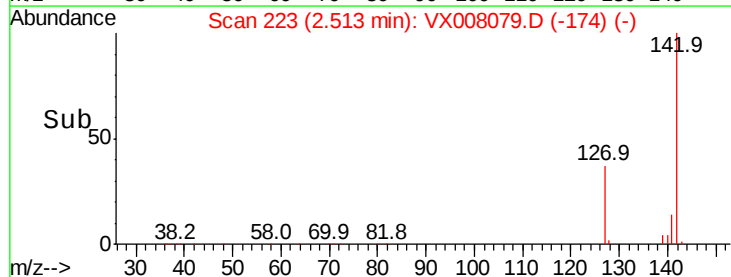
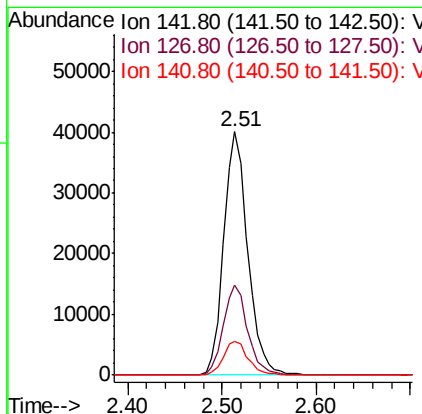
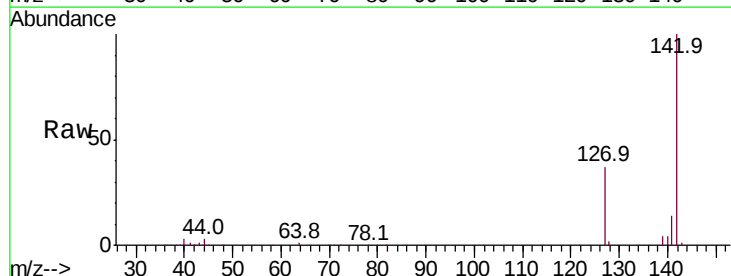
RT: 2.51 min Scan# 223

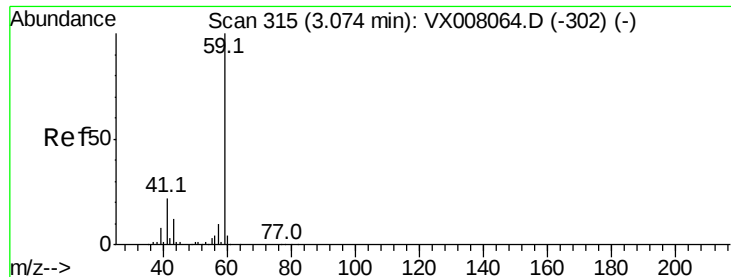
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	142	Resp:	70905
Ion Ratio	Lower	Upper	
142	100		
127	37.0	32.1	48.1
141	14.2	11.4	17.2





#11

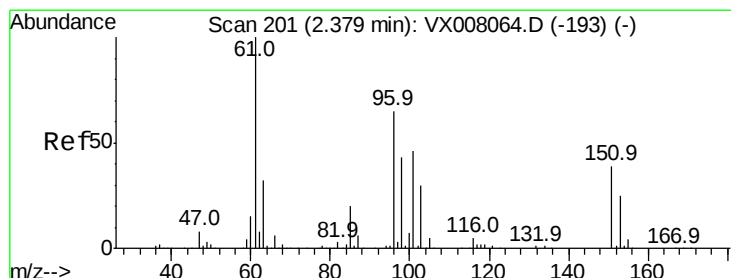
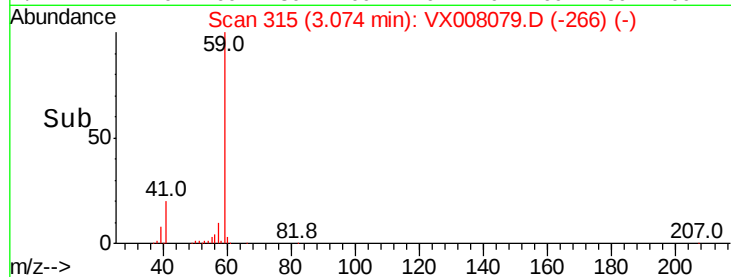
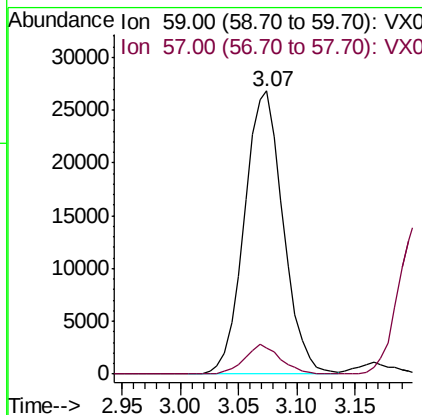
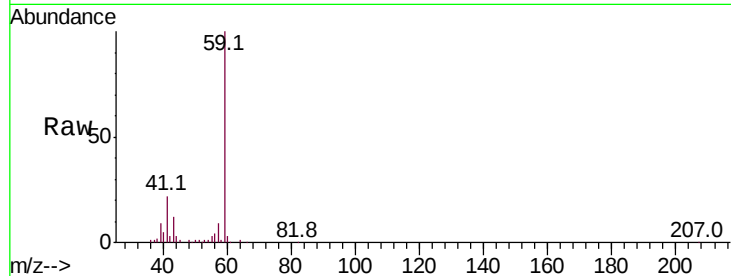
Tert butyl alcohol
Concen: 103.543 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 59 Resp: 62293
Ion Ratio Lower Upper
59 100
57 9.8 8.2 12.2

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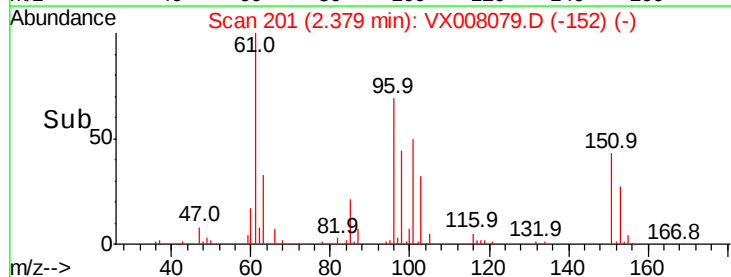
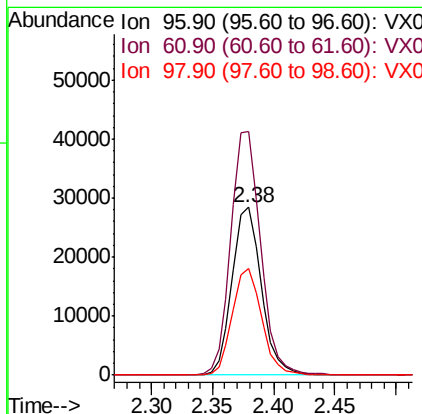
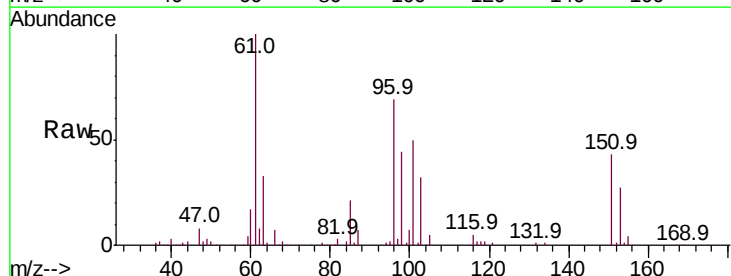
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3/15/2019 9:06:23 AM

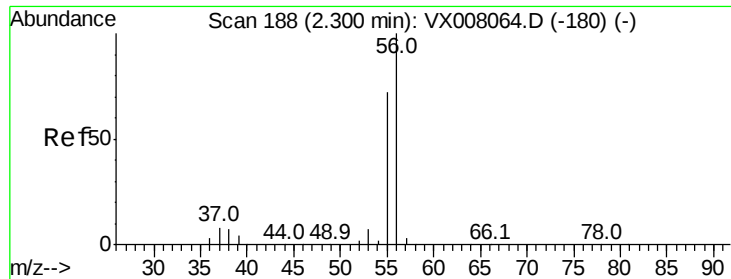


#12

1,1-Dichloroethene
Concen: 19.982 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 96 Resp: 47031
Ion Ratio Lower Upper
96 100
61 145.1 129.8 194.6
98 63.3 51.0 76.6





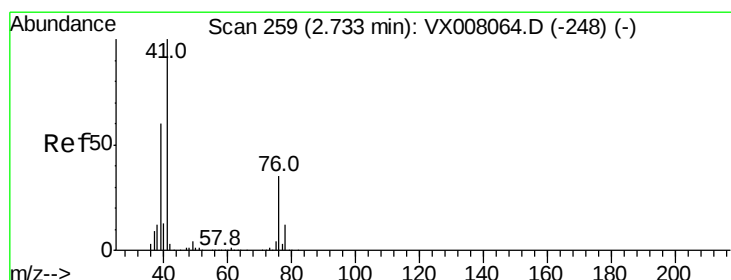
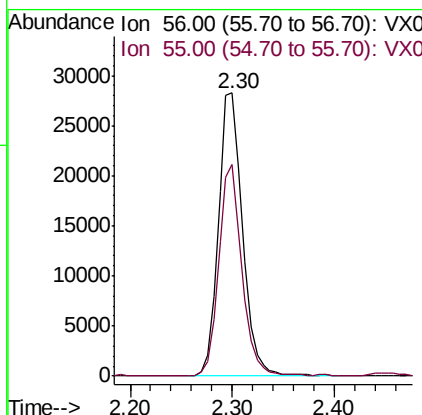
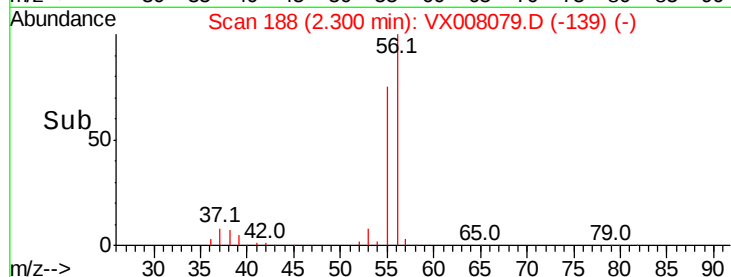
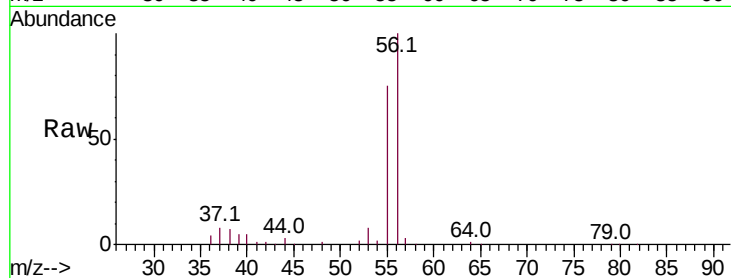
#13
Acrolein
Concen: 84.312 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 56 Resp: 46723
Ion Ratio Lower Upper
56 100
55 72.0 57.8 86.6

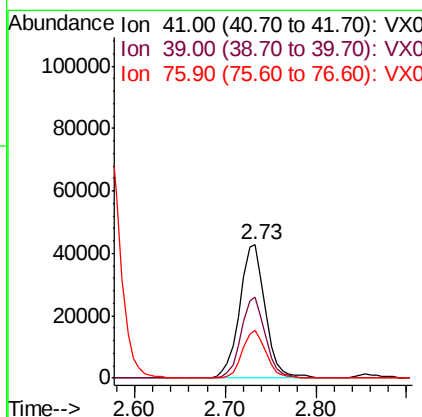
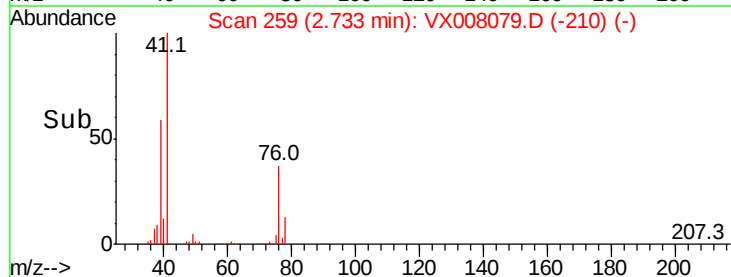
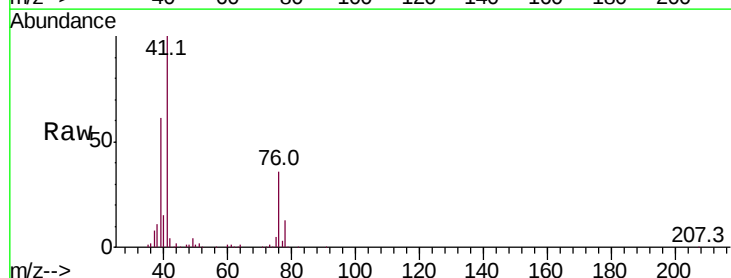
Manual Integrations
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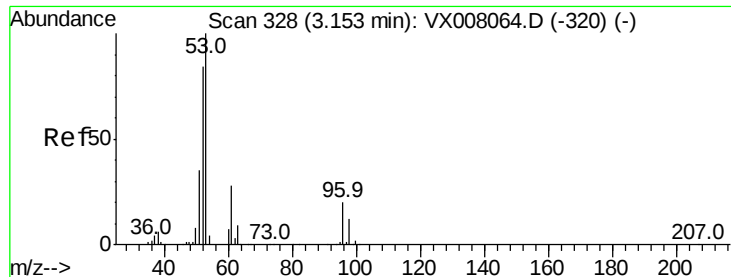
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#14
Allyl chloride
Concen: 19.654 ug/l
RT: 2.73 min Scan# 259
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 41 Resp: 84258
Ion Ratio Lower Upper
41 100
39 57.3 46.1 69.1
76 33.2 24.0 36.0





#15

Acrylonitrile

Concen: 101.034 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

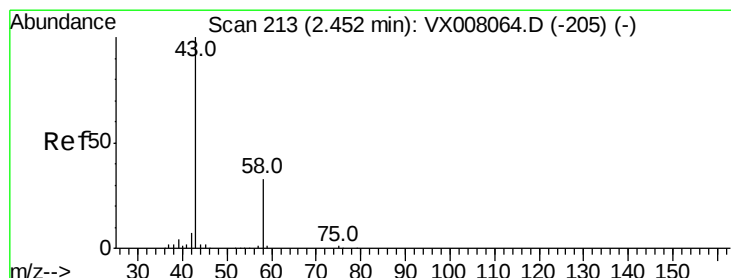
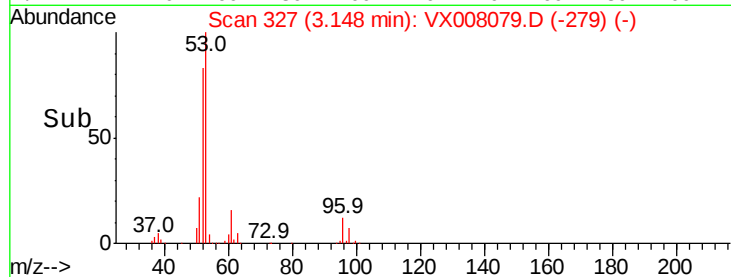
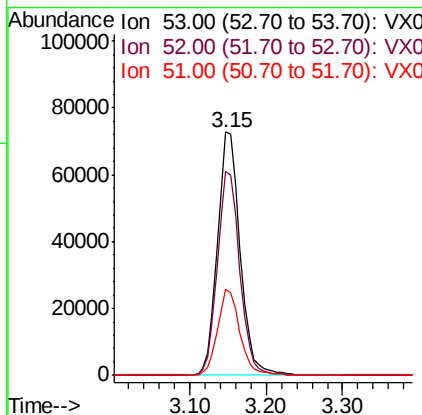
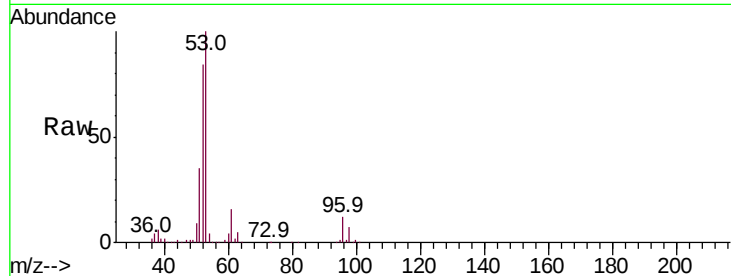
ClientSampleId :

VX0314WBS02

Tot Ion:	53	Resp:	148218
Ion Ratio	Lower	Upper	
53	100		
52	83.6	66.0	99.0
51	35.0	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 91.532 ug/l

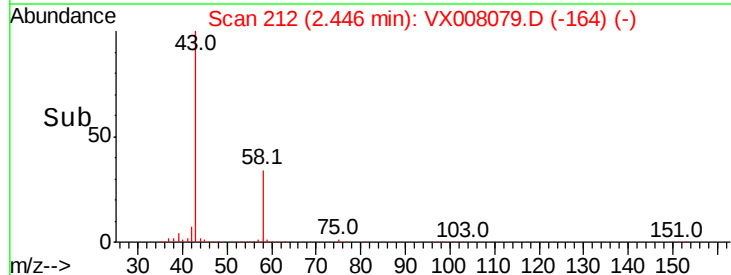
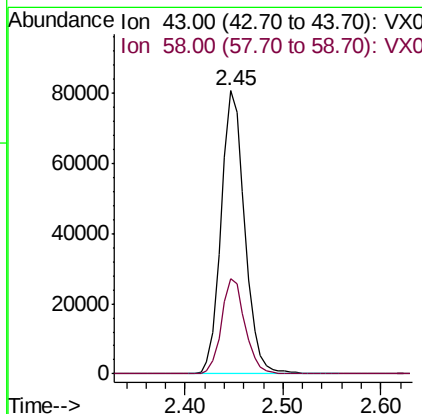
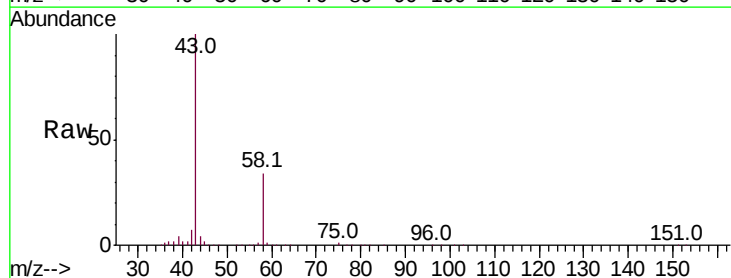
RT: 2.45 min Scan# 212

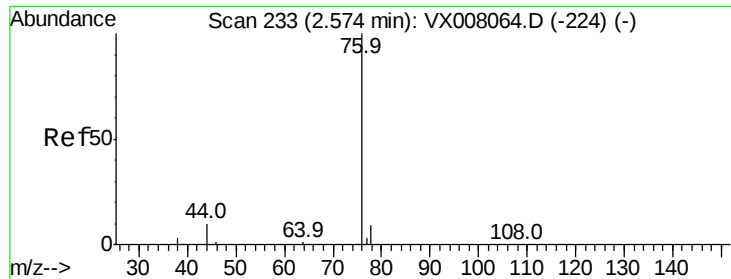
Delta R.T. -0.01 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	43	Resp:	134562
Ion Ratio	Lower	Upper	
43	100		
58	33.6	25.5	38.3





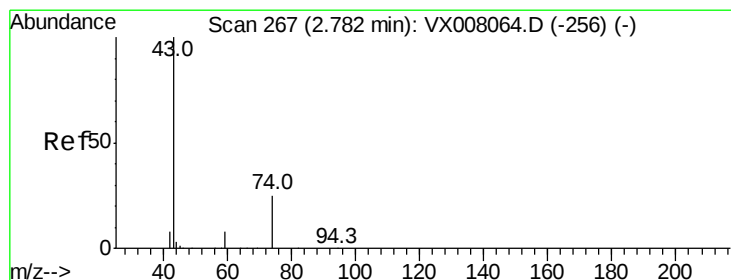
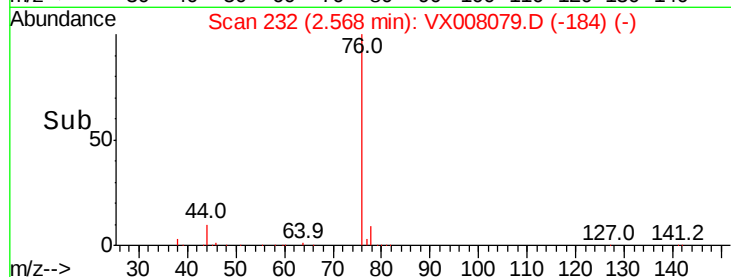
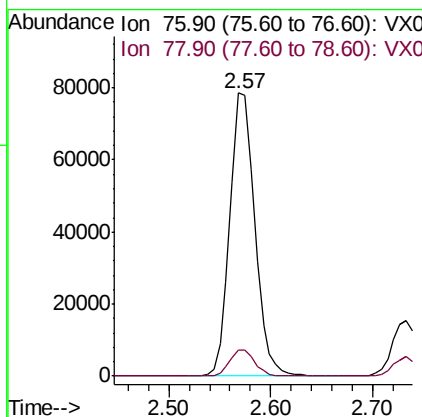
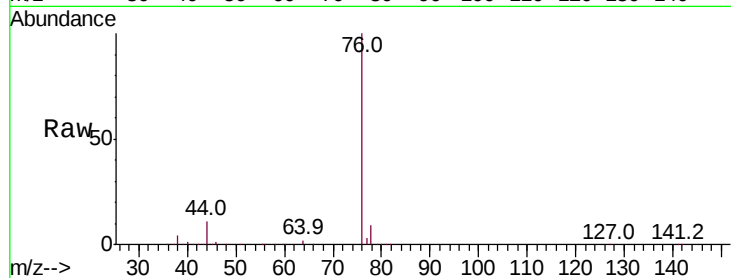
#17
Carbon Disulfide
Concen: 19.733 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.01 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.2	10.8

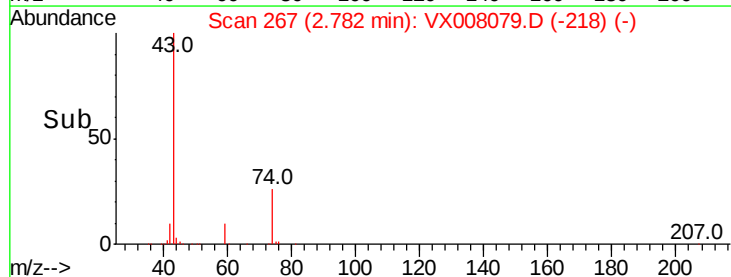
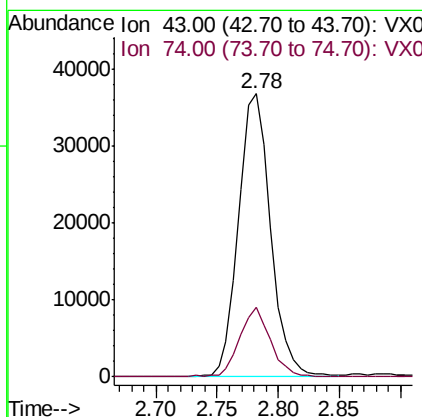
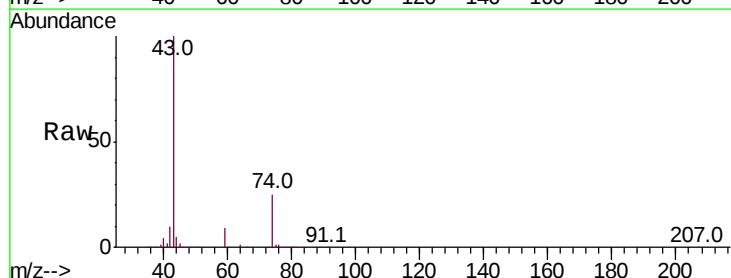
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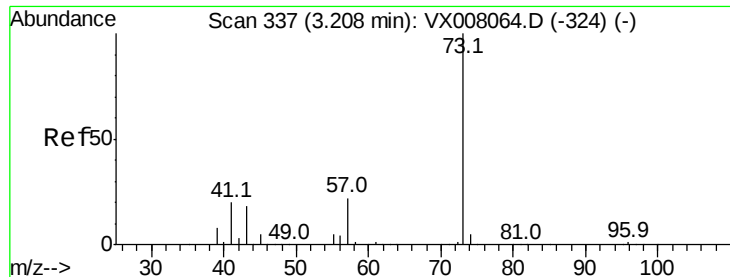
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#18
Methyl Acetate
Concen: 21.231 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.8	26.6





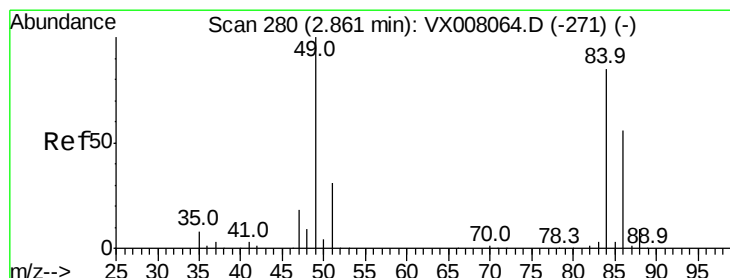
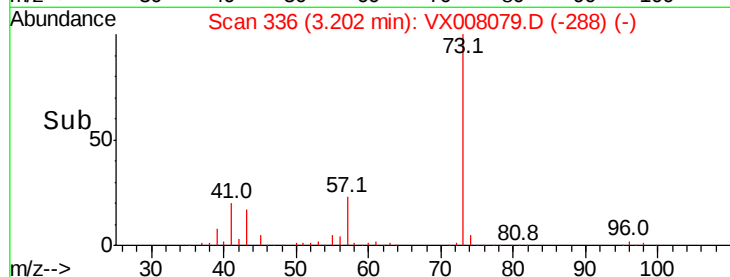
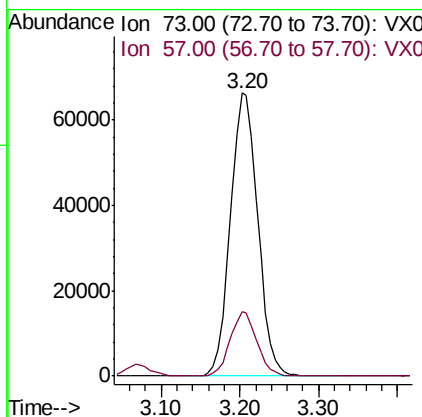
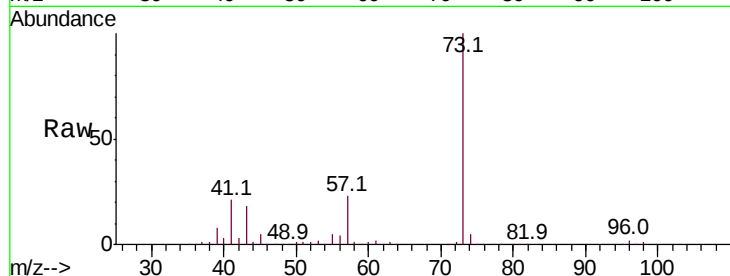
#19
Methyl tert-butyl Ether
Concen: 20.107 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 73 Resp: 160010
Ion Ratio Lower Upper
73 100
57 22.7 18.2 27.4

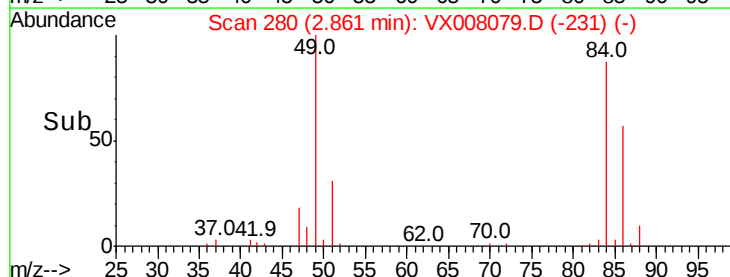
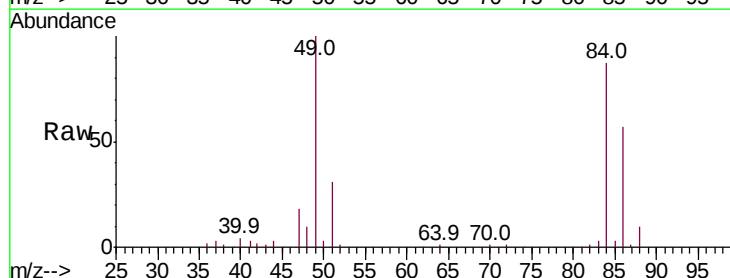
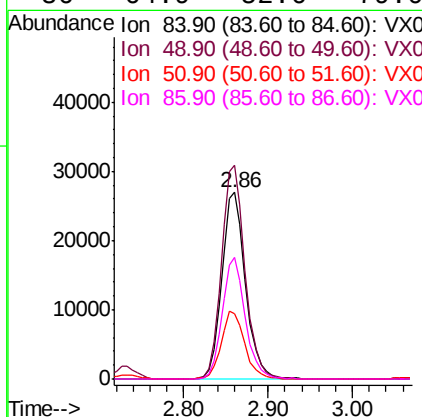
Manual Integrations
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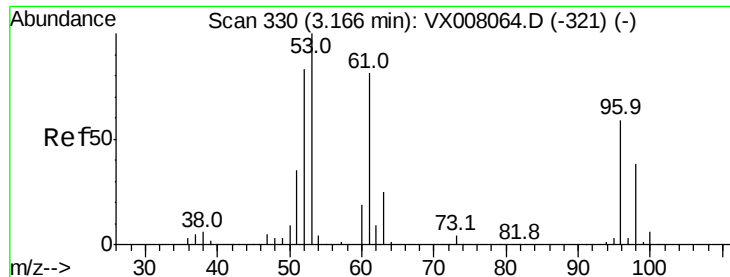
MMDadoda
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#20
Methylene Chloride
Concen: 19.743 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 84 Resp: 51837
Ion Ratio Lower Upper
84 100
49 114.3 99.3 148.9
51 35.0 31.3 46.9
86 64.9 52.6 79.0





#21

trans-1,2-Dichloroethene

Concen: 19.957 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 96 Resp: 50610

Ion Ratio Lower Upper

96 100

61 131.2 114.4 171.6

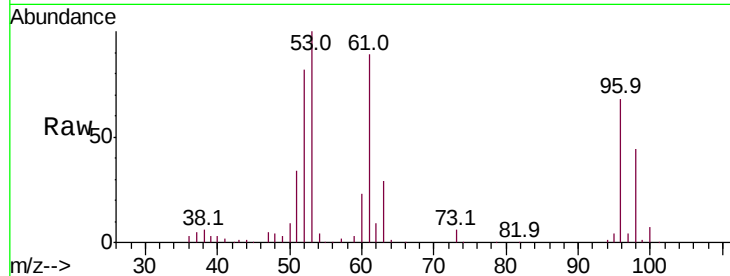
98 64.0 51.1 76.7

Manual Integrations

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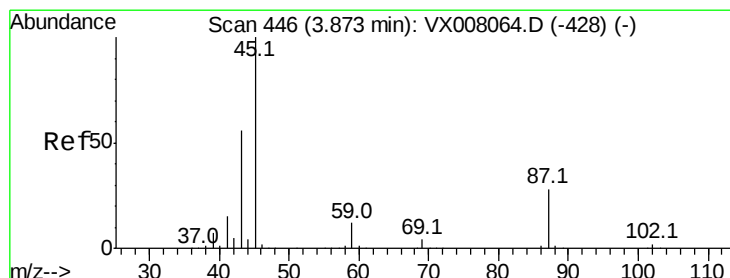
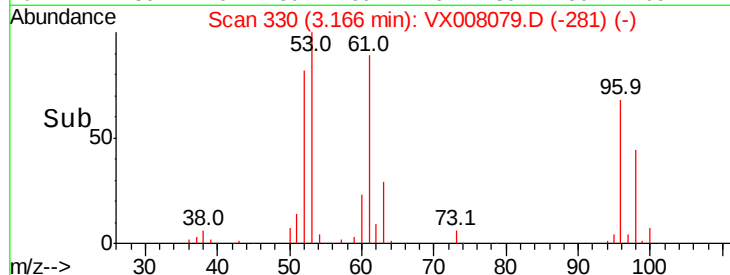
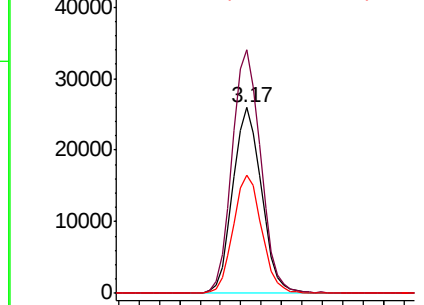
3/15/2019 9:06:23 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.988 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion: 45 Resp: 170287

Ion Ratio Lower Upper

45 100

43 54.3 45.3 67.9

87 28.2 21.4 32.0

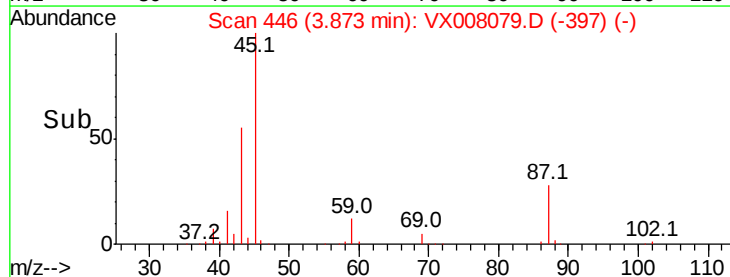
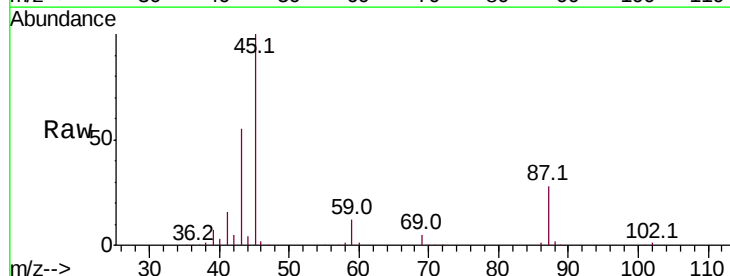
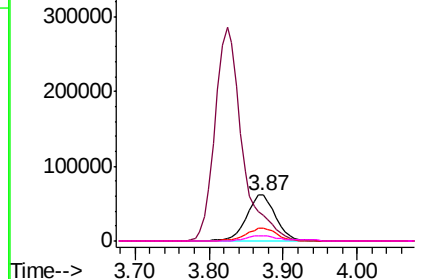
59 11.9 9.5 14.3

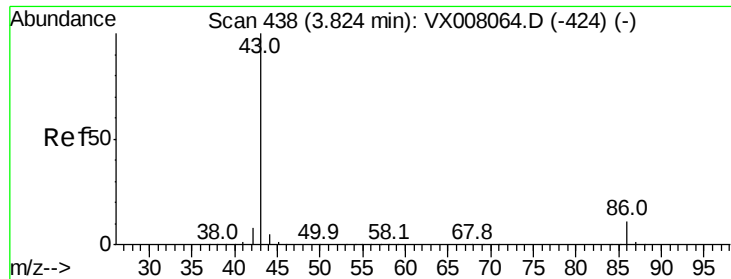
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.129 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 43 Resp: 725506

Ion Ratio Lower Upper

43 100

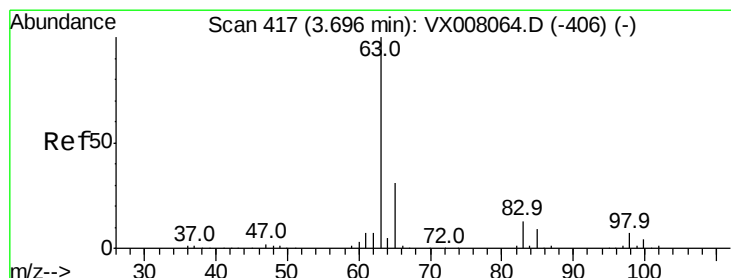
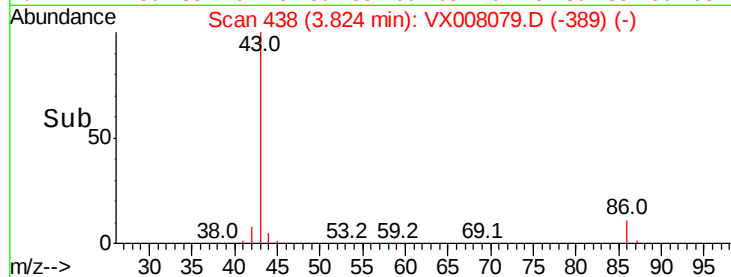
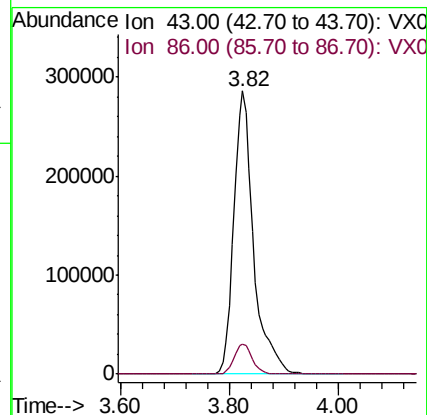
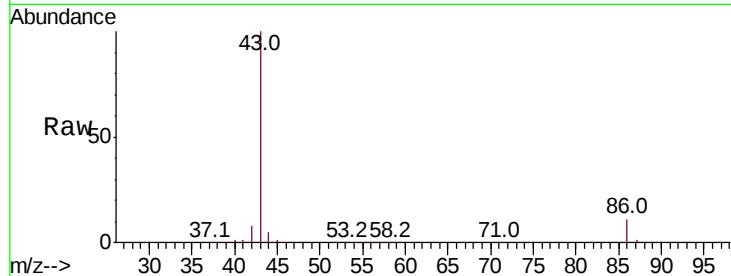
86 10.5 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.838 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

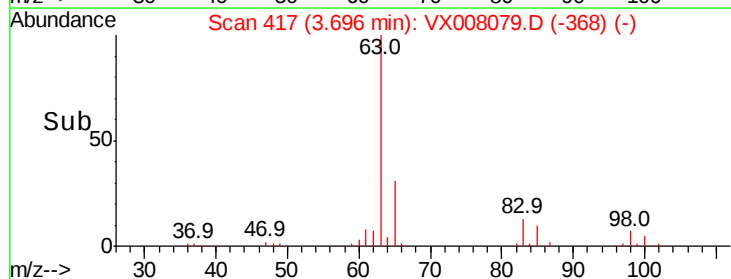
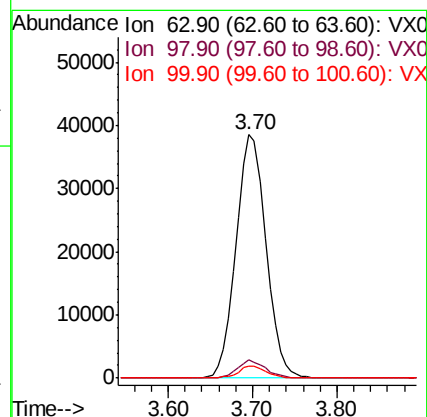
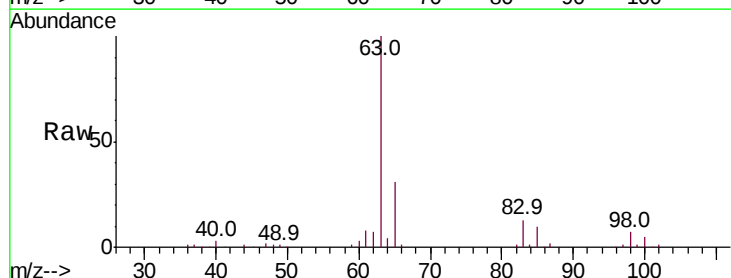
Tgt Ion: 63 Resp: 92646

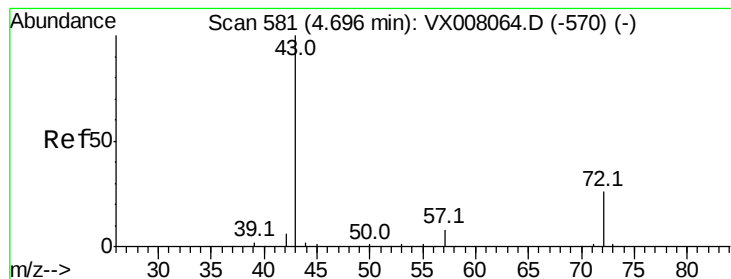
Ion Ratio Lower Upper

63 100

98 7.4 3.3 9.8

100 4.6 2.3 6.8





#25

2-Butanone

Concen: 96.786 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 43 Resp: 218402

Ion Ratio Lower Upper

43 100

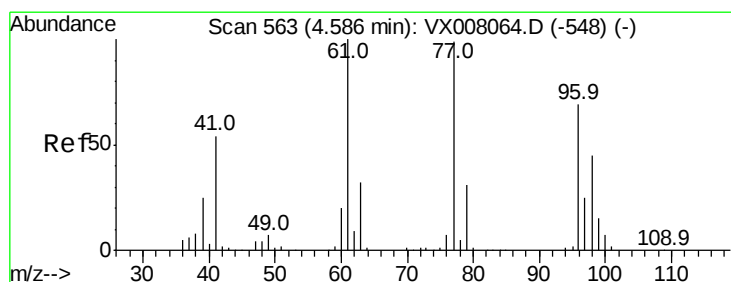
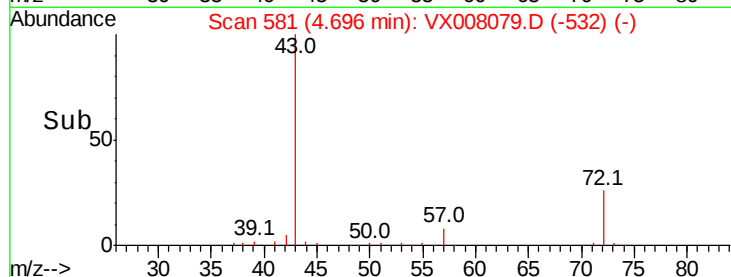
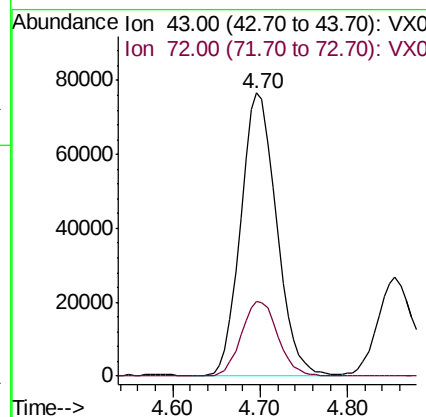
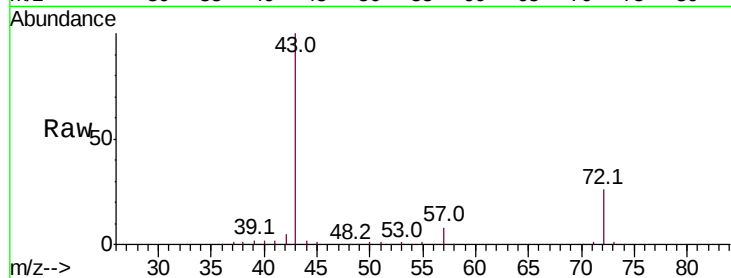
72 26.3 19.9 29.9

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#26

2,2-Dichloropropane

Concen: 18.028 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX008079.D

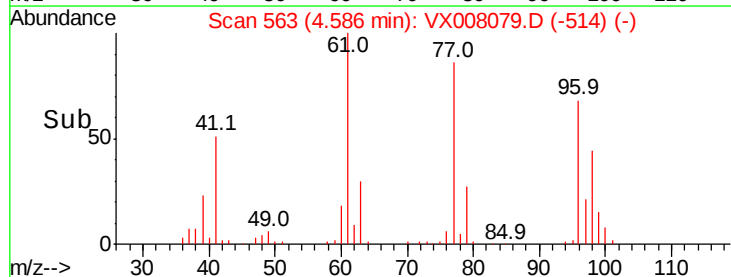
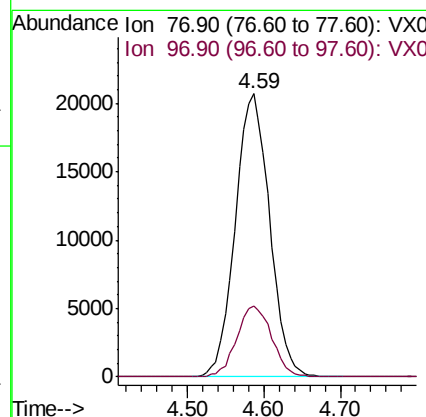
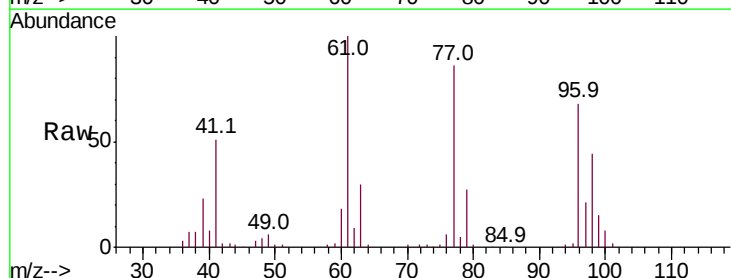
Acq: 14 Mar 2019 19:47

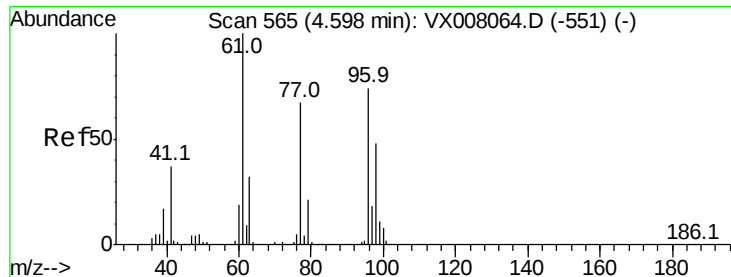
Tgt Ion: 77 Resp: 64324

Ion Ratio Lower Upper

77 100

97 25.6 12.2 36.6





#27

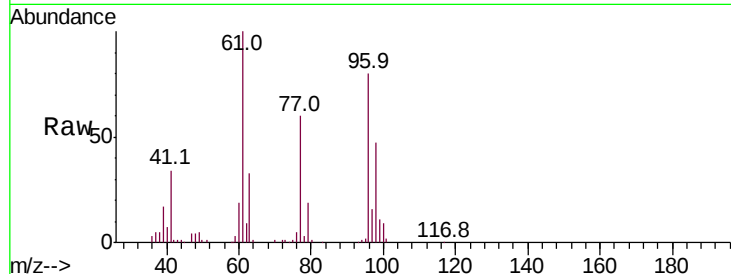
cis-1,2-Dichloroethene
Concen: 19.423 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

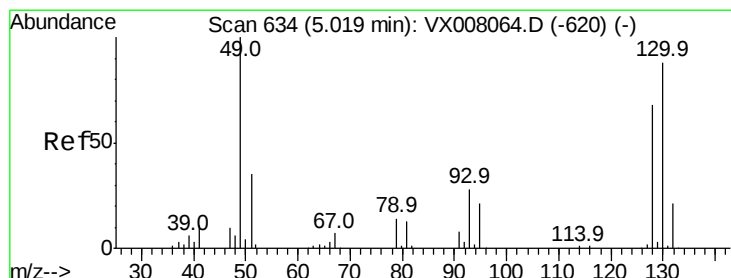
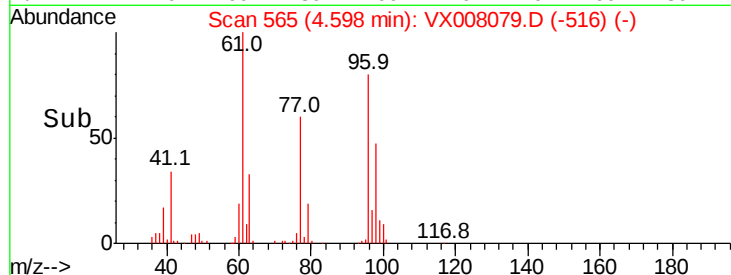
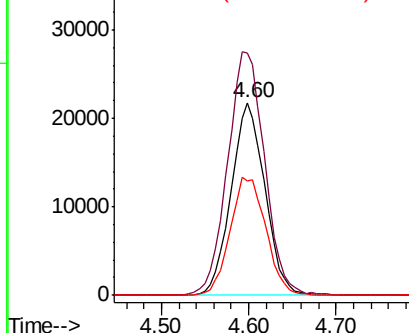
Tot Ion	Ratio	Resp	Lower	Upper
96	100	58551		
61	138.6	0.0	288.0	
98	64.8	0.0	129.0	

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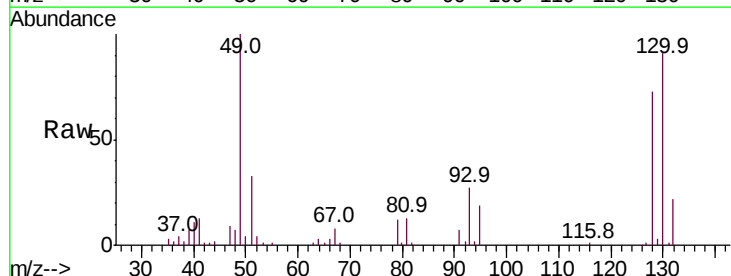
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



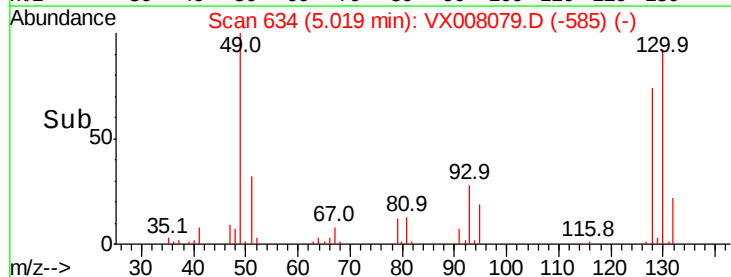
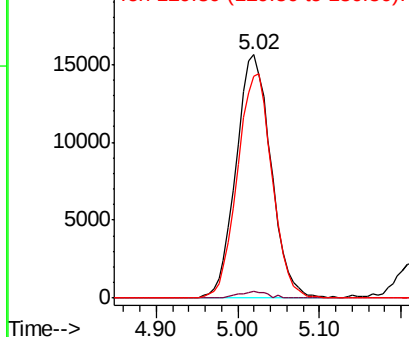
#28

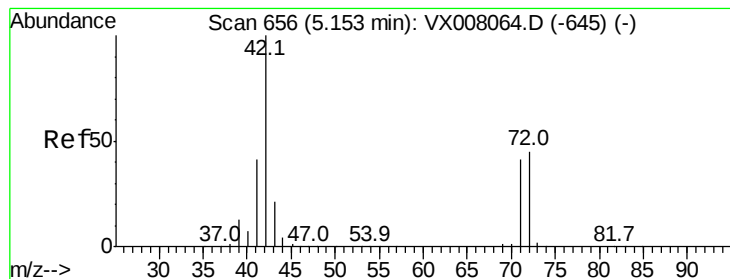
Bromochloromethane
Concen: 21.095 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	46530		
129	2.1	0.0	4.0	
130	91.2	65.0	97.4	



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 97.328 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

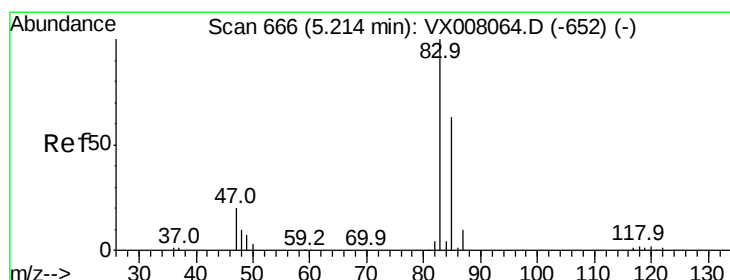
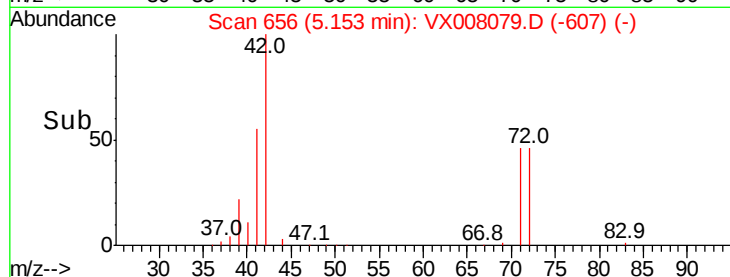
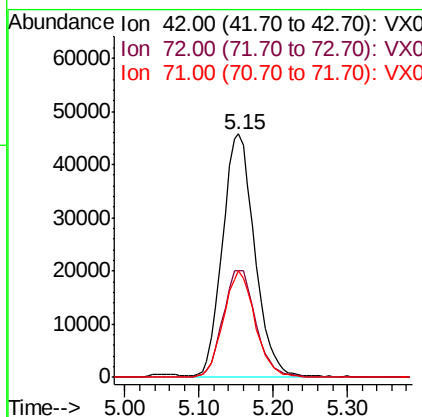
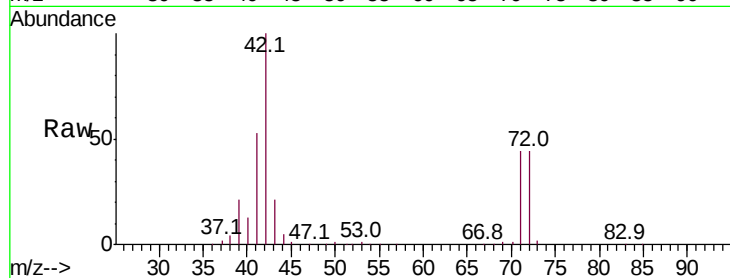
ClientSampleId :

VX0314WBS02

Tot Ion:	42	Resp:	137102
Ion	Ratio	Lower	Upper
42	100		
72	45.3	33.8	50.6
71	43.0	31.5	47.3

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#30

Chloroform

Concen: 19.157 ug/l

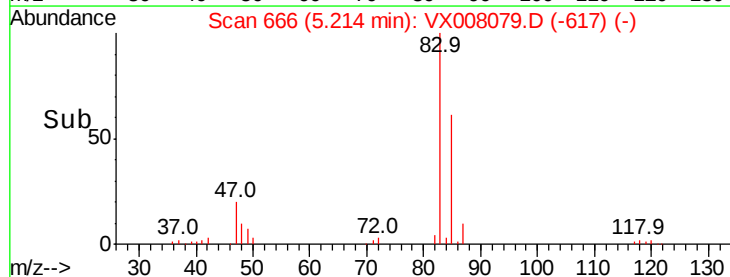
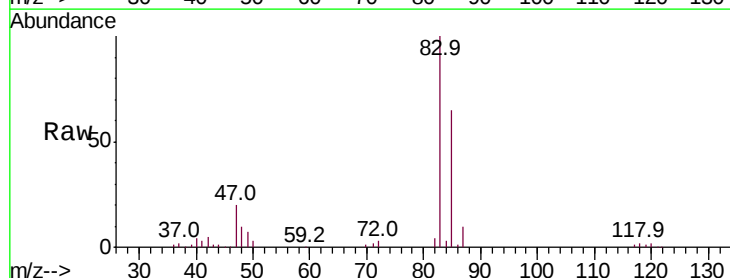
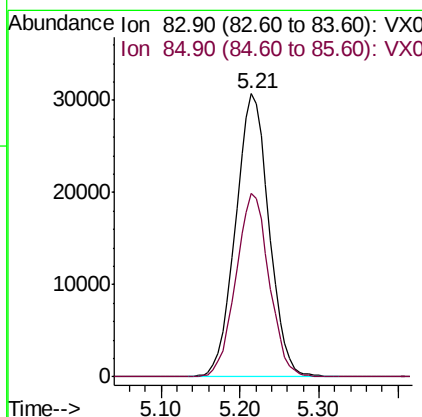
RT: 5.21 min Scan# 666

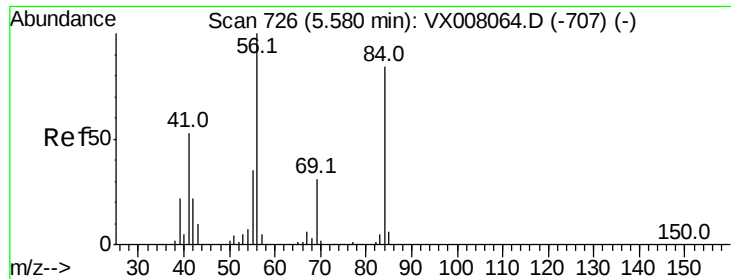
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	83	Resp:	90622
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.8	77.6





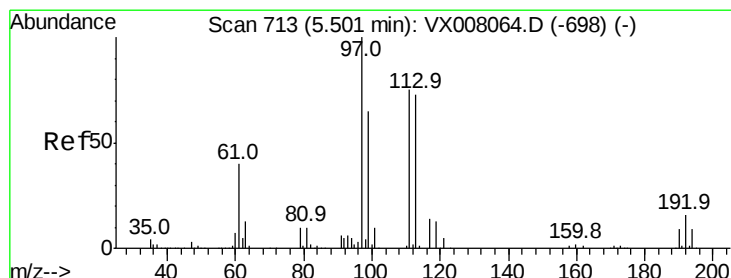
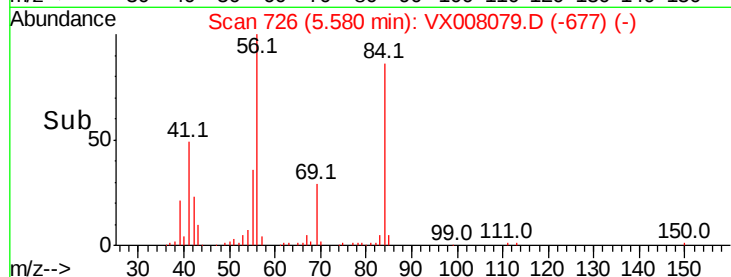
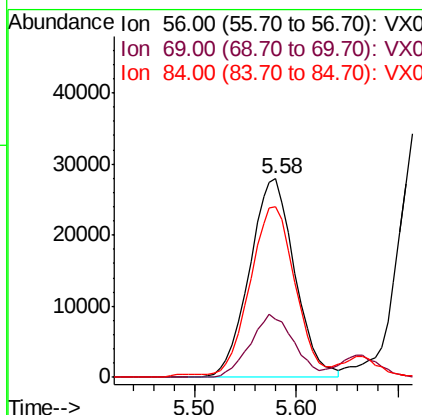
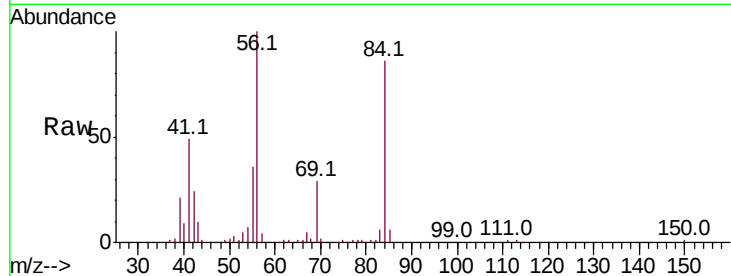
#31
Cyclohexane
Concen: 19.267 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.0	36.0
84	85.0	65.3	97.9

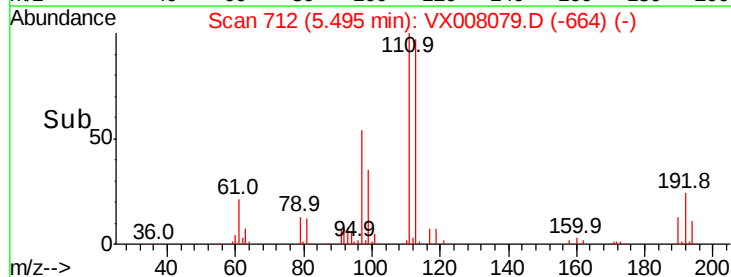
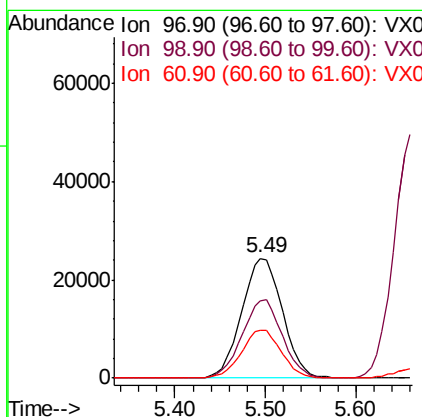
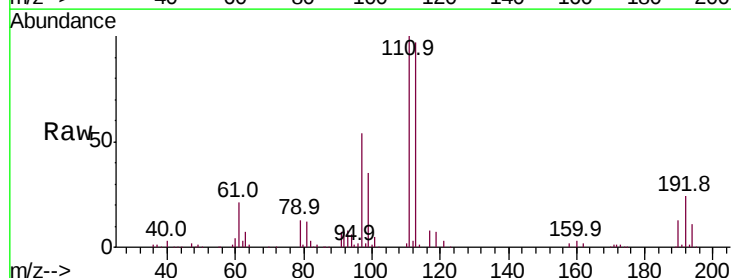
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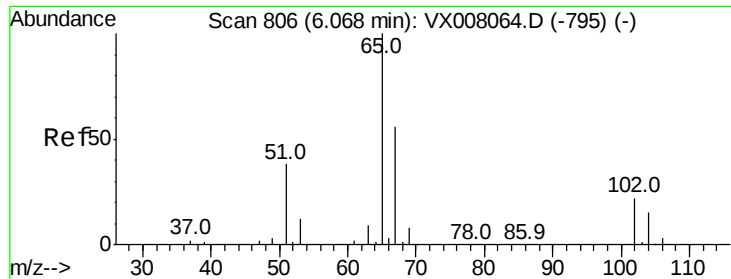
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#32
1,1,1-Trichloroethane
Concen: 19.010 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.2	78.2
61	39.6	34.9	52.3





#33

1,2-Dichloroethane-d4

Concen: 47.562 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

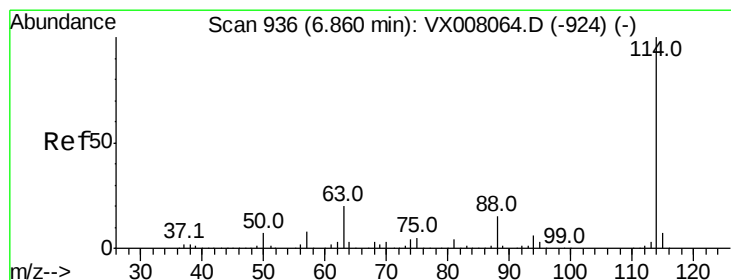
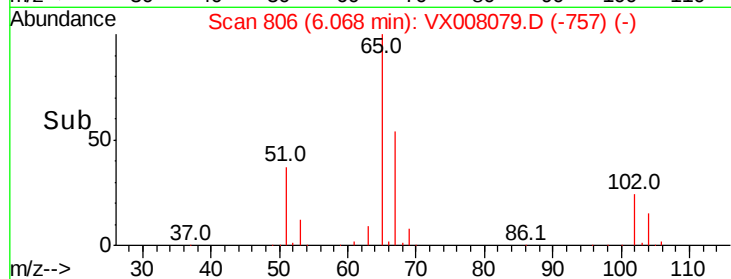
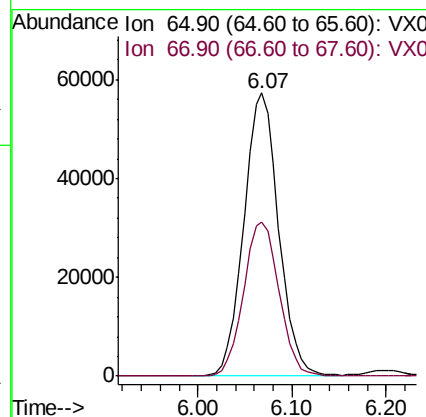
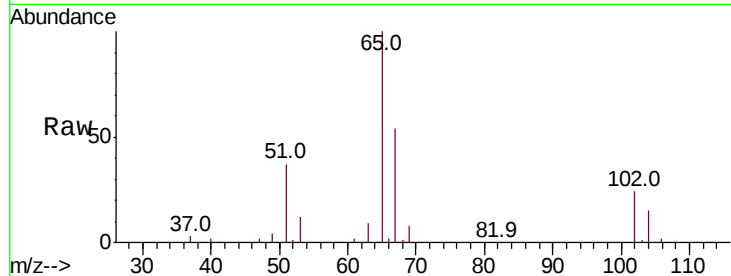
Instrument :
MSVOA_X

ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	148108		
67	55.7	0.0	110.0	

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

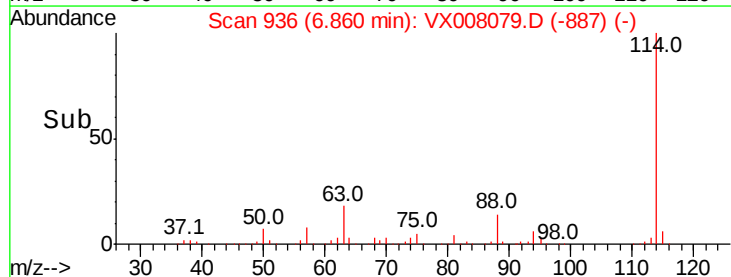
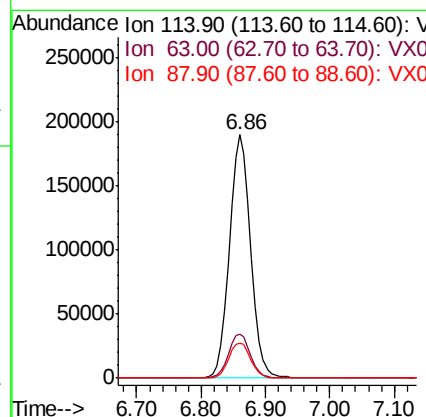
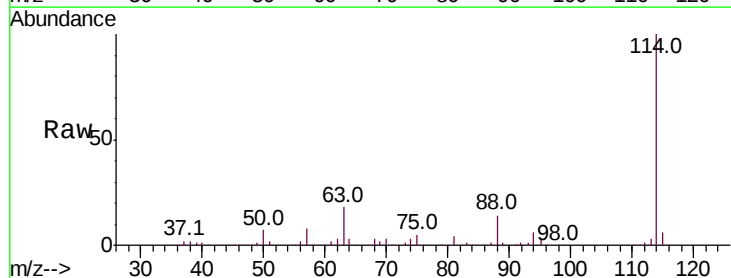
RT: 6.86 min Scan# 936

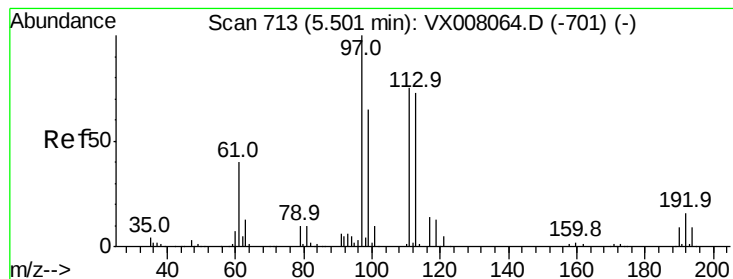
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	440768		
63	18.0	0.0	39.8	
88	14.4	0.0	31.4	





#35

Dibromofluoromethane

Concen: 49.219 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

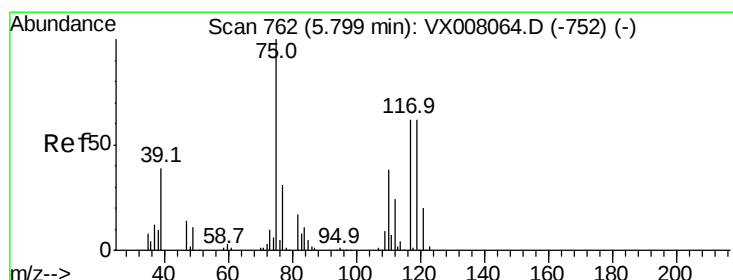
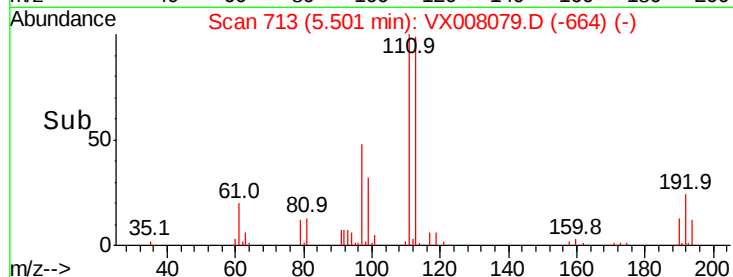
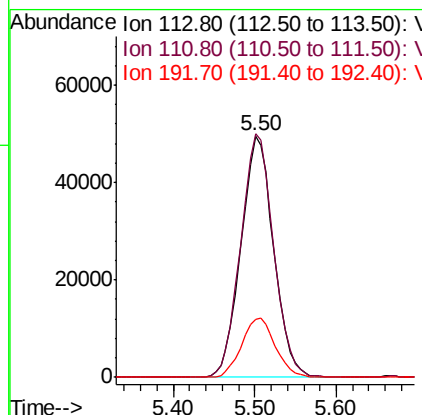
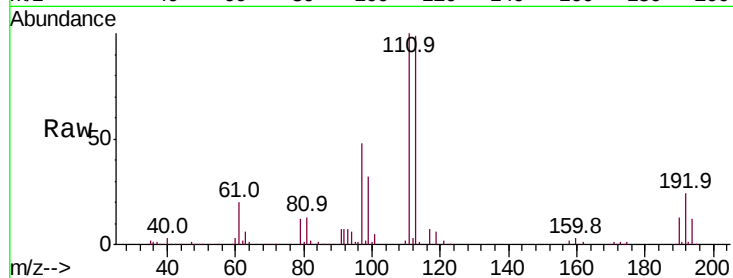
ClientSampleId :

VX0314WBS02

Tot Ion:	113	Resp:	137572
Ion Ratio	Lower	Upper	
113	100		
111	101.9	81.4	122.0
192	25.1	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 19.140 ug/l

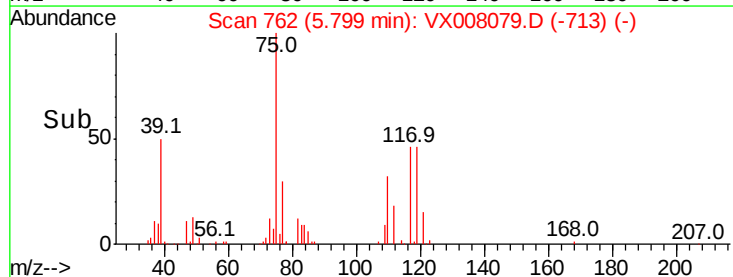
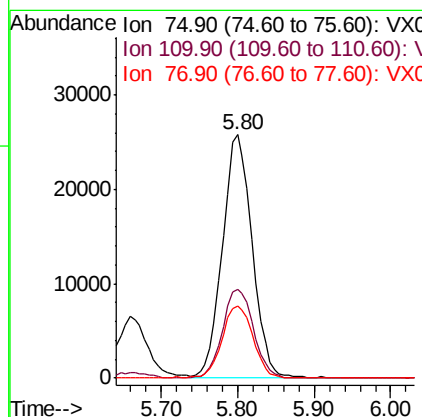
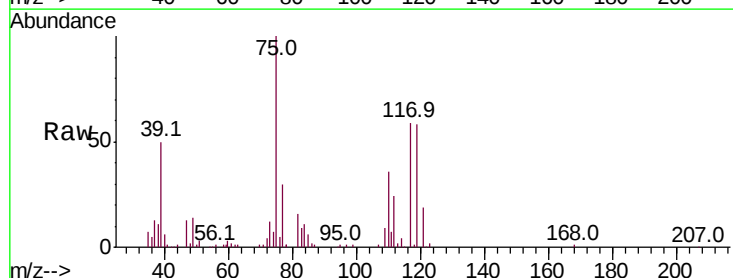
RT: 5.80 min Scan# 762

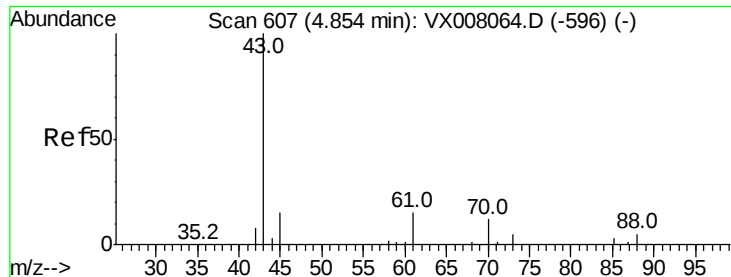
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	75	Resp:	69404
Ion Ratio	Lower	Upper	
75	100		
110	37.9	18.4	55.0
77	30.7	25.0	37.4





#37

Ethyl Acetate

Concen: 19.706 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

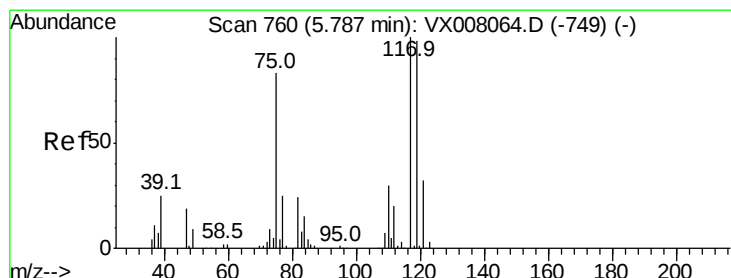
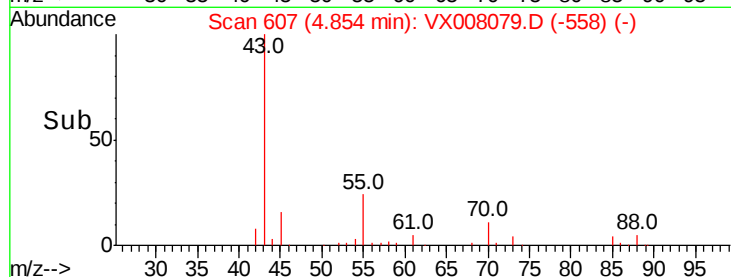
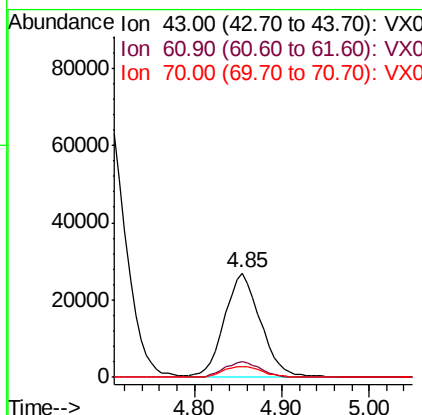
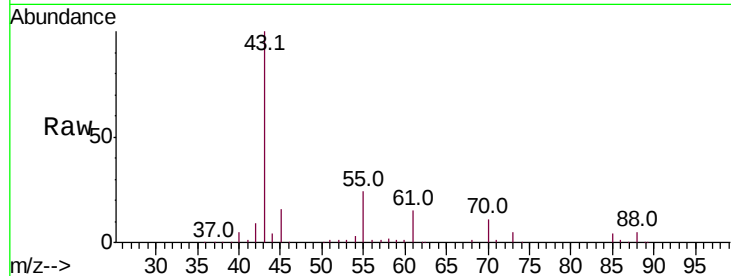
ClientSampleId :

VX0314WBS02

Tot Ion:	43	Resp:	76800
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	11.6	8.5	12.7

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#38

Carbon Tetrachloride

Concen: 18.333 ug/l

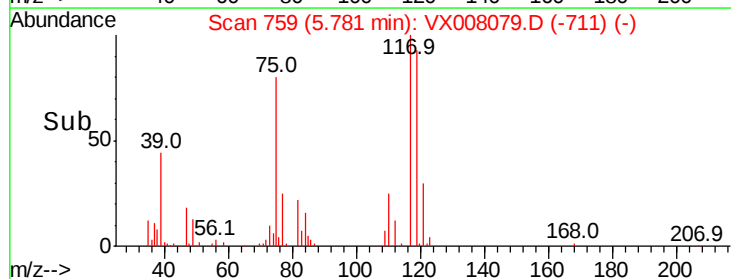
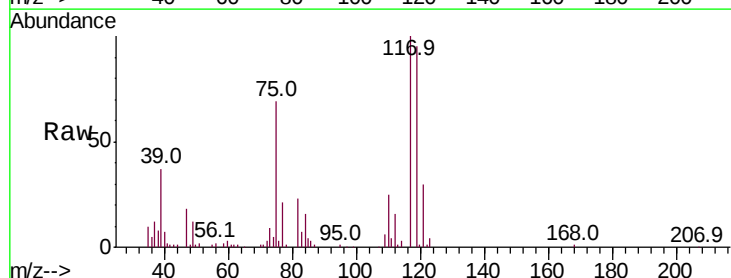
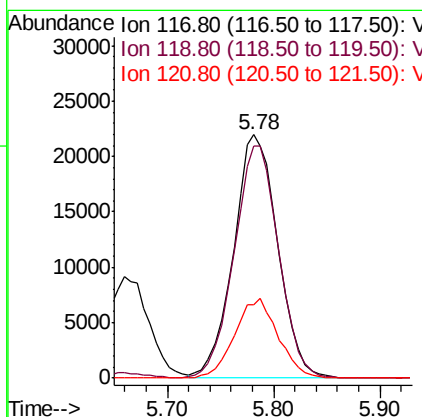
RT: 5.78 min Scan# 759

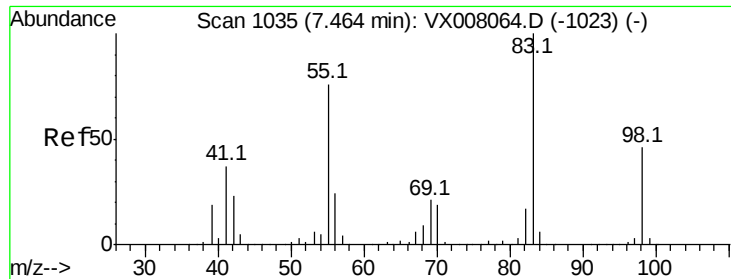
Delta R.T. -0.01 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	117	Resp:	63987
Ion	Ratio	Lower	Upper
117	100		
119	94.8	76.2	114.2
121	30.2	24.6	36.8





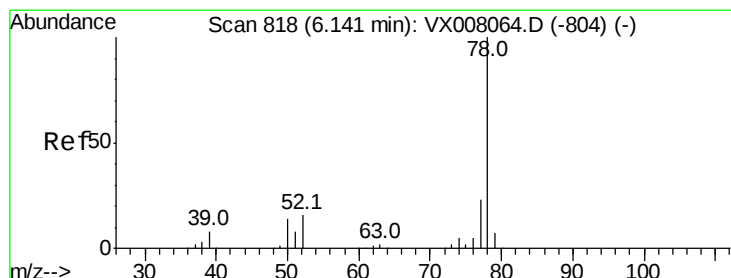
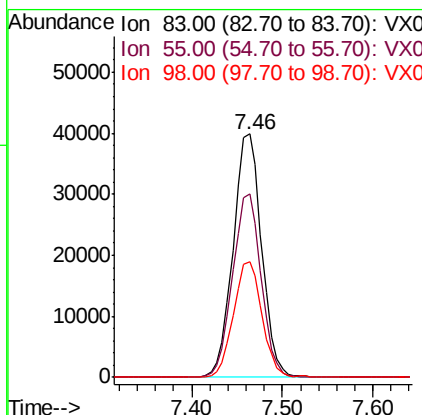
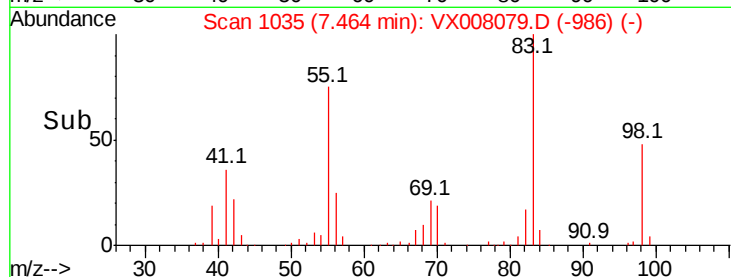
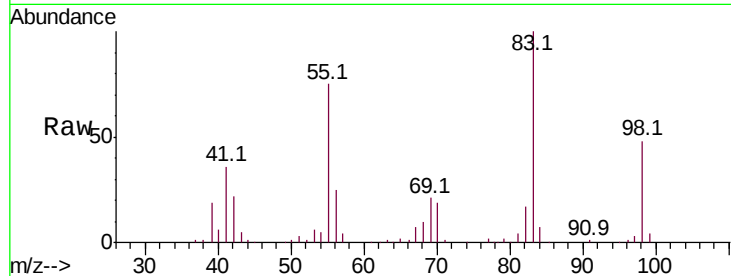
#39
Methylvlcyclohexane
Concen: 18.793 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.4	60.4	90.6
98	47.7	36.5	54.7

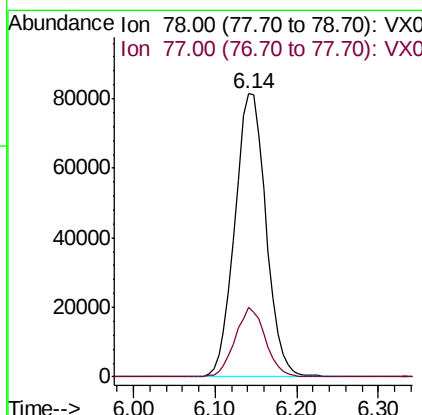
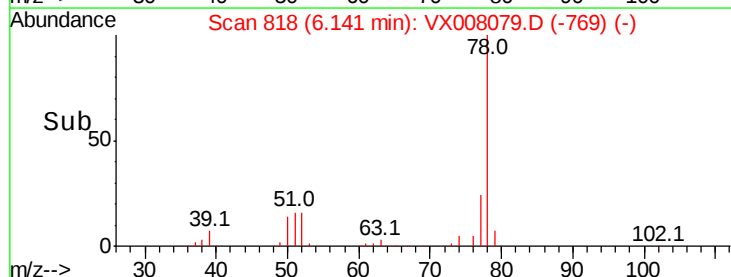
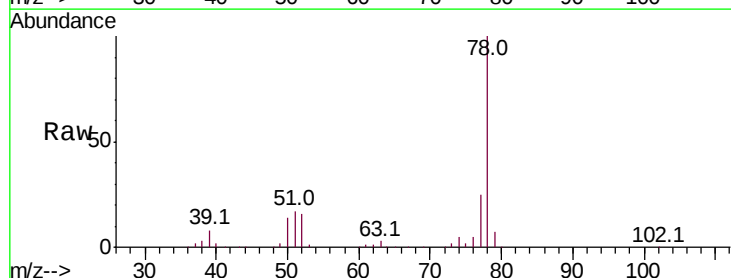
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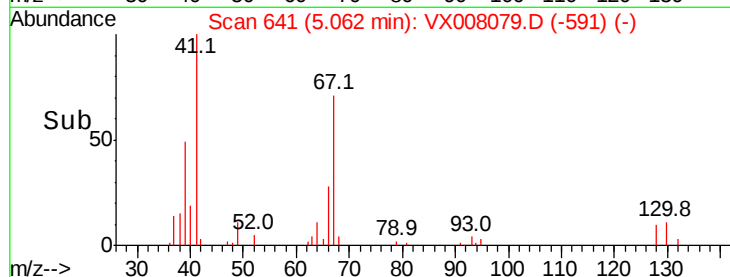
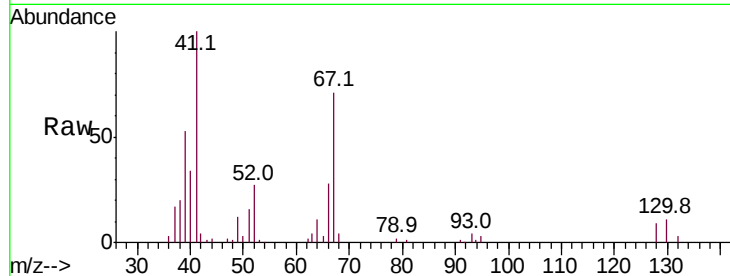
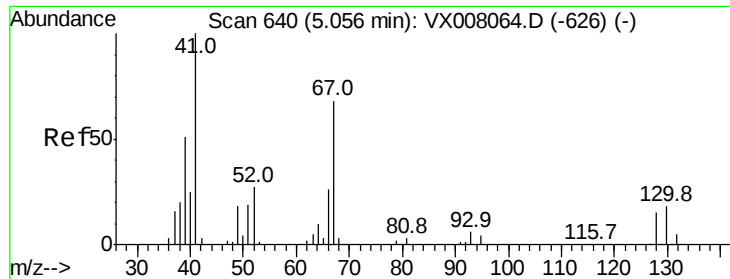
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#40
Benzene
Concen: 19.437 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.0	28.4





#41

Methacrylonitrile

Concen: 19.451 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tot Ion:	41	Resp:	44134
Ion	Ratio	Lower	Upper
41	100		
39	51.3	41.6	62.4
67	73.9	55.8	83.6
52	28.4	21.7	32.5

Instrument :

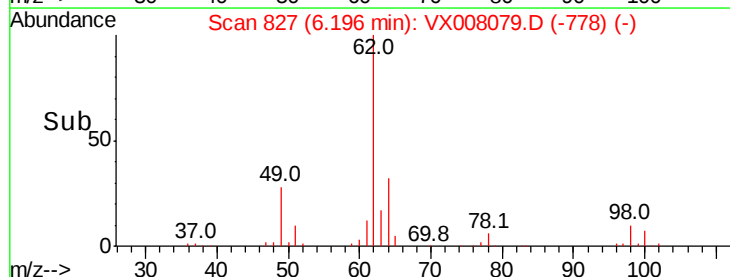
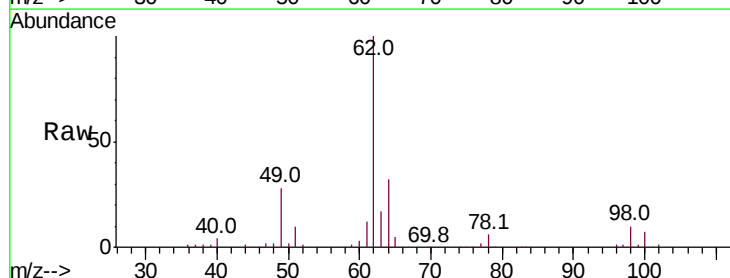
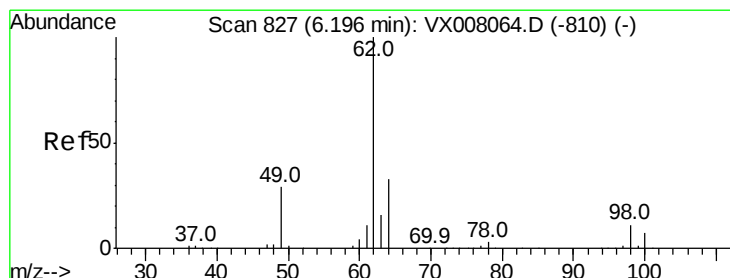
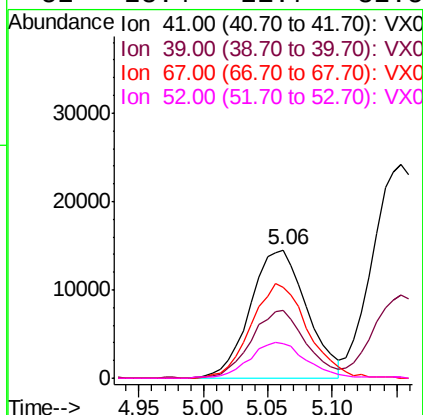
MSVOA_X

ClientSampleId :

VX0314WBS02

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#42

1,2-Dichloroethane

Concen: 18.976 ug/l

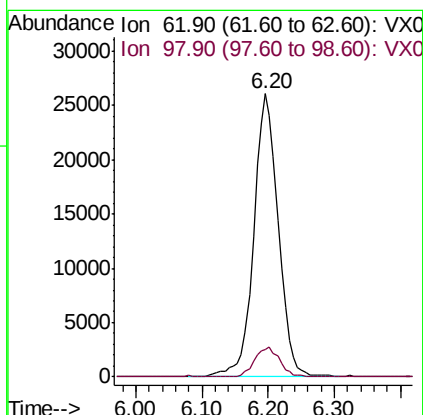
RT: 6.20 min Scan# 827

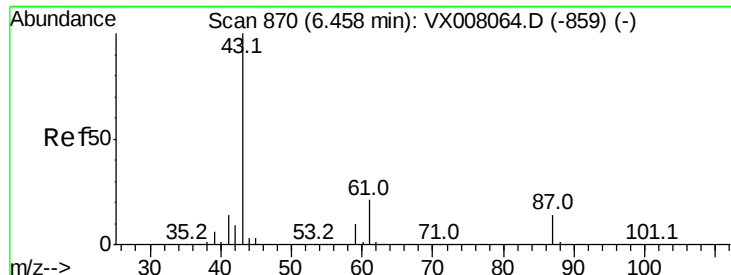
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	62	Resp:	67433
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.322 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

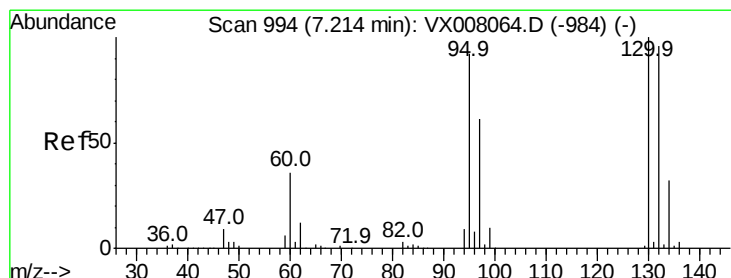
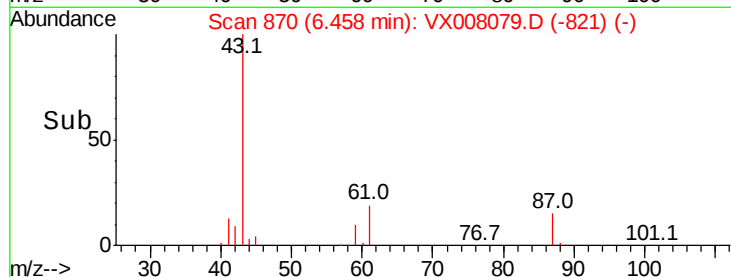
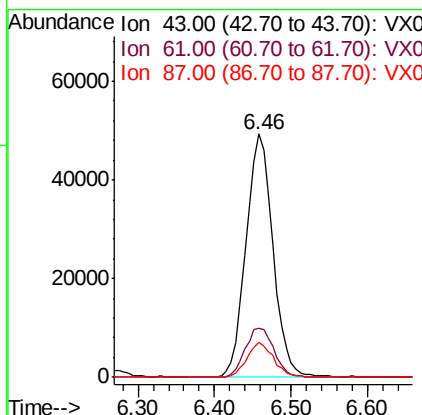
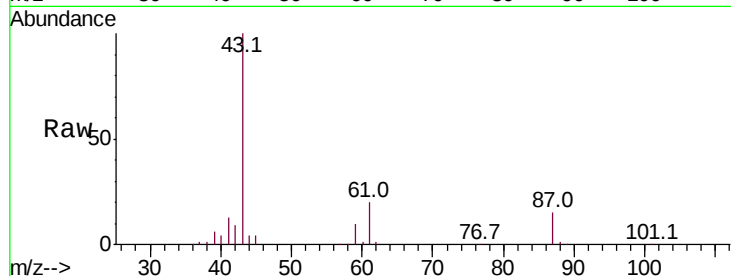
ClientSampleId :

VX0314WBS02

Tot Ion:	43	Resp:	121269
Ion	Ratio	Lower	Upper
43	100		
61	21.6	16.3	24.5
87	14.1	10.5	15.7

Manual Integrations
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#44

Trichloroethene

Concen: 18.872 ug/l

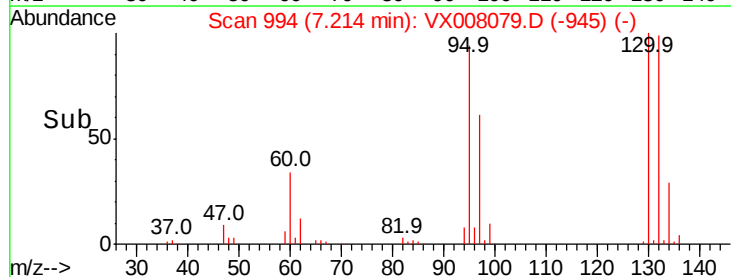
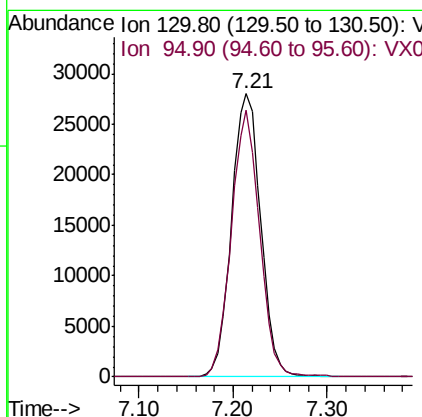
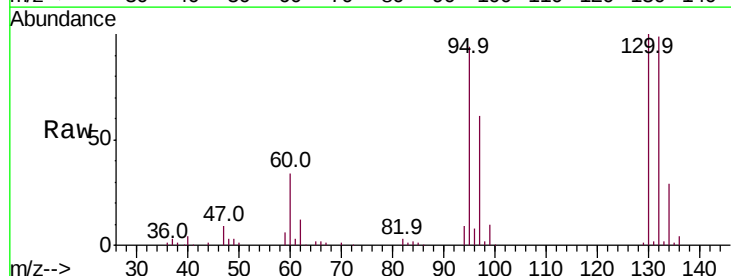
RT: 7.21 min Scan# 994

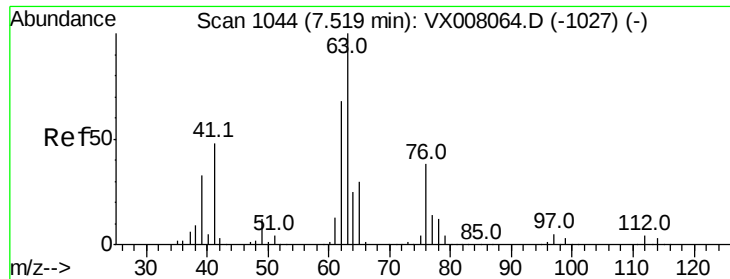
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	130	Resp:	60502
Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	188.0





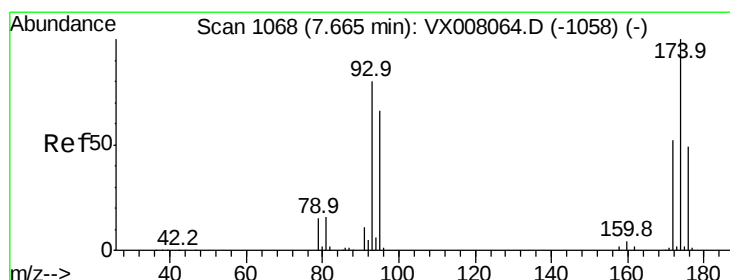
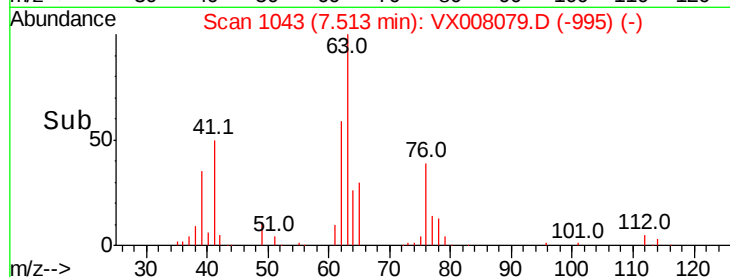
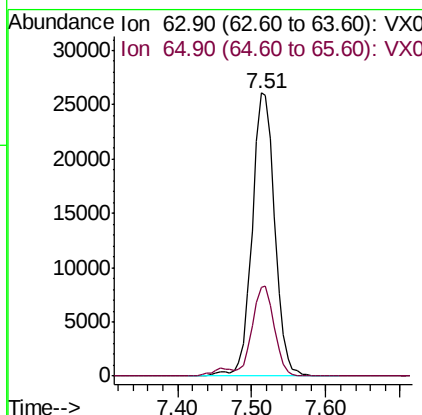
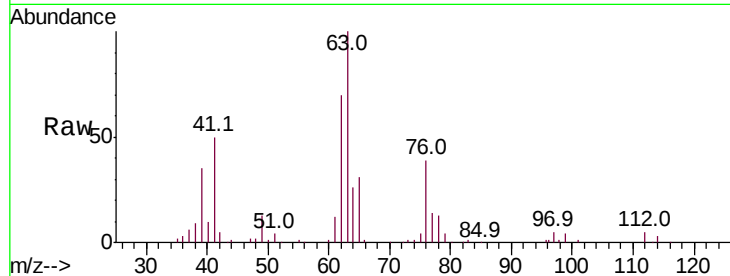
#45
 1,2-Dichloropropane
 Concen: 19.033 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Tot Ion: 63 Resp: 55777
 Ion Ratio Lower Upper
 63 100
 65 31.5 24.7 37.1

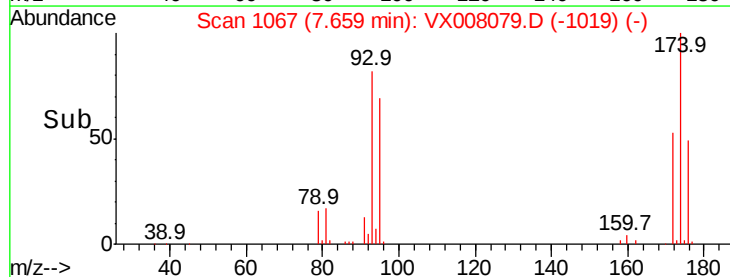
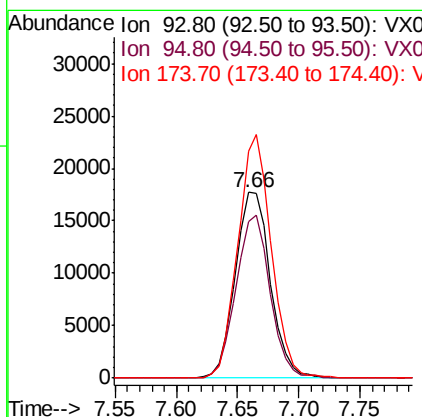
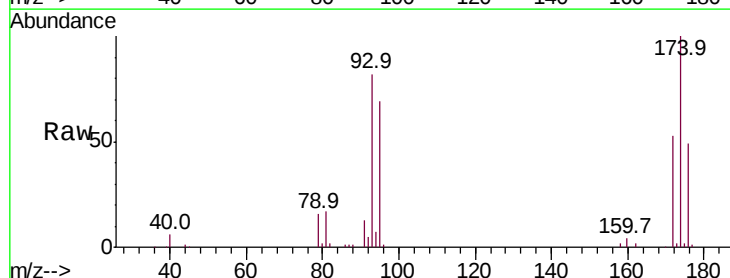
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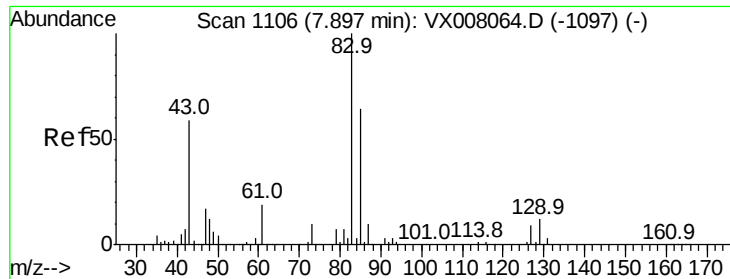
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#46
 Dibromomethane
 Concen: 19.239 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Tgt Ion: 93 Resp: 35339
 Ion Ratio Lower Upper
 93 100
 95 85.4 66.8 100.2
 174 125.2 97.3 145.9





#47

Bromodichloromethane

Concen: 18.162 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

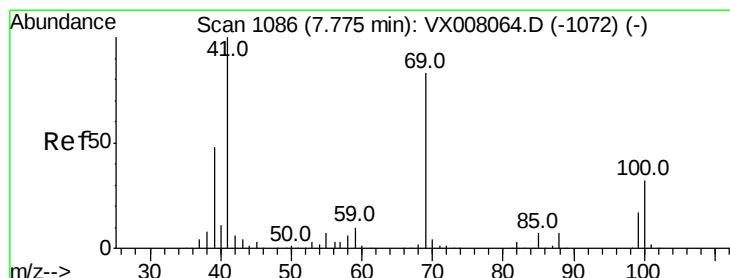
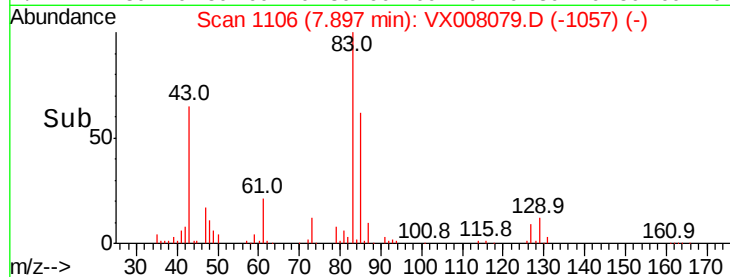
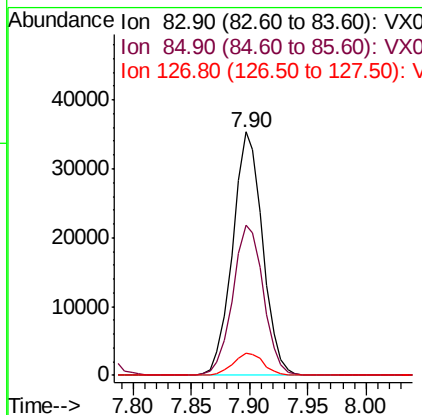
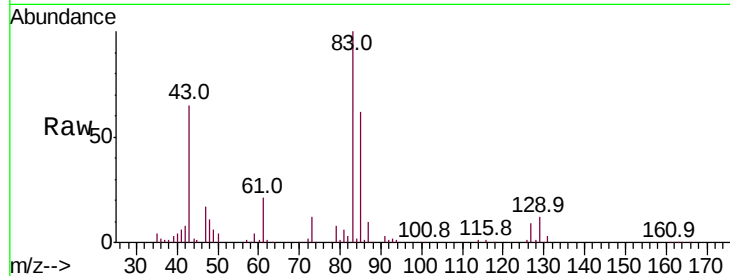
ClientSampleId :

VX0314WBS02

Tot Ion:	83	Resp:	63446
Ion	Ratio	Lower	Upper
83	100		
85	61.6	50.9	76.3
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 18.911 ug/l

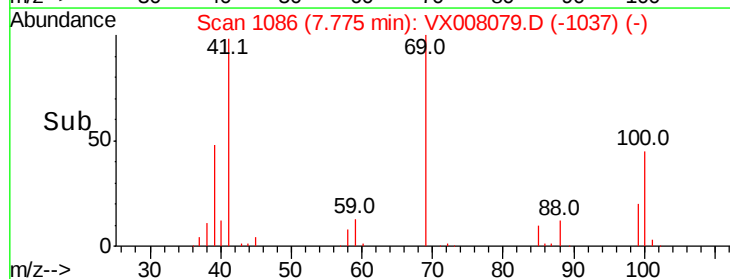
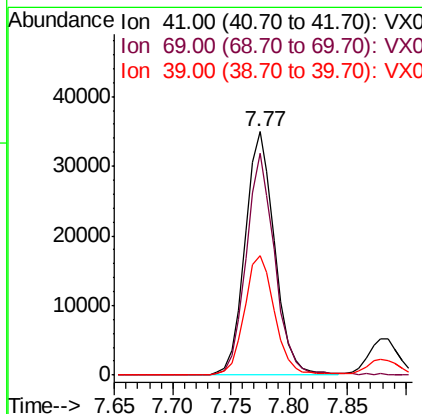
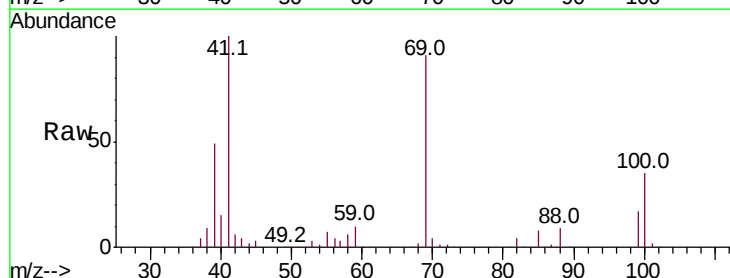
RT: 7.77 min Scan# 1086

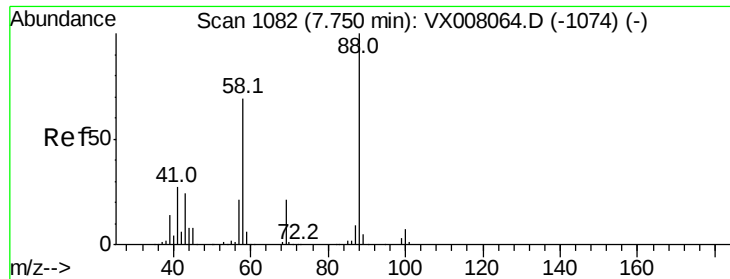
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	41	Resp:	61989
Ion	Ratio	Lower	Upper
41	100		
69	87.9	65.2	97.8
39	50.2	39.4	59.2





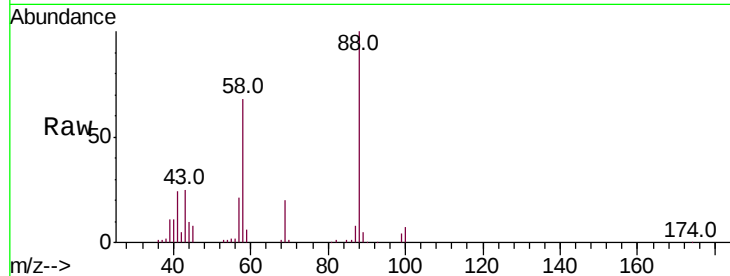
#49
1,4-Dioxane
Concen: 397.169 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.0	25.1	37.7
58	69.3	57.8	86.6

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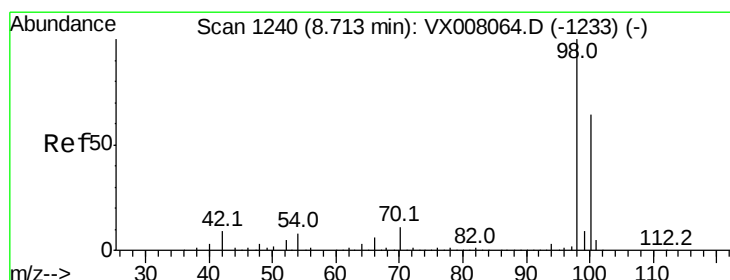
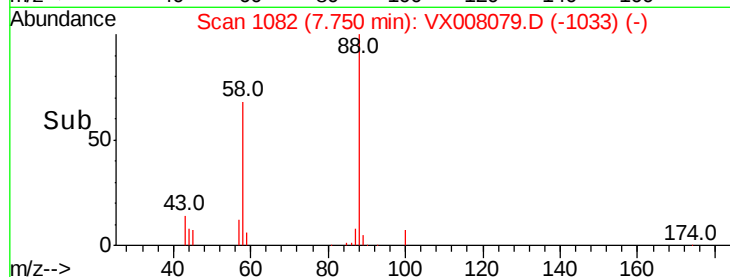
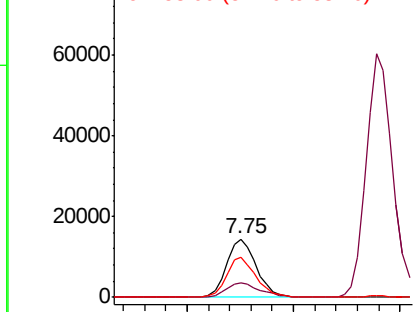


Abundance

Ion 88.00 (87.70 to 88.70): VX0

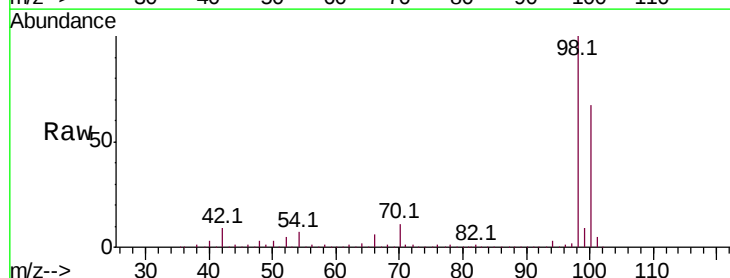
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50
Toluene-d8
Concen: 49.508 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

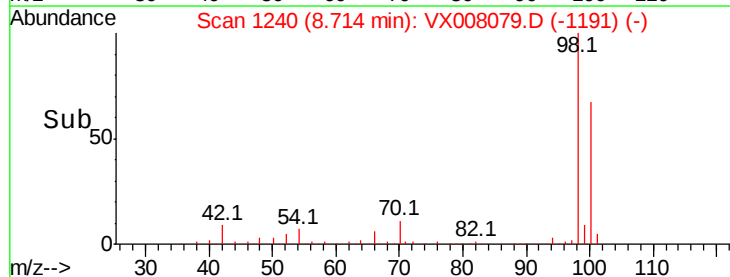
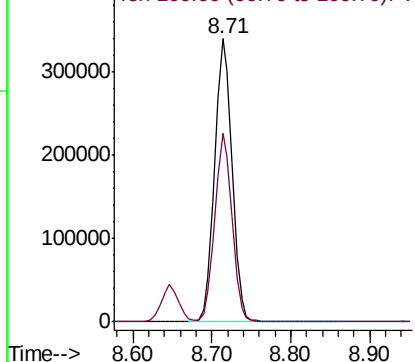
Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.7	77.5

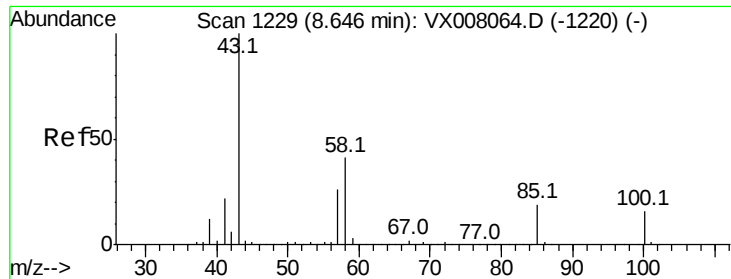


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 95.781 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 43 Resp: 396193

Ion Ratio Lower Upper

43 100

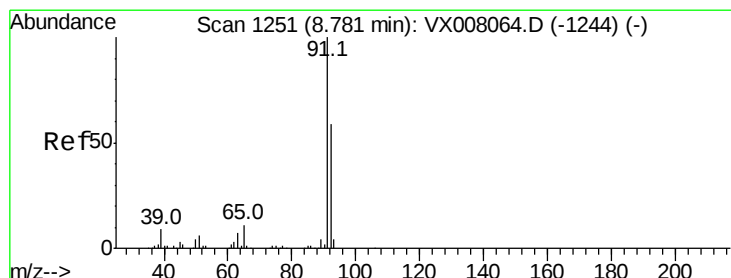
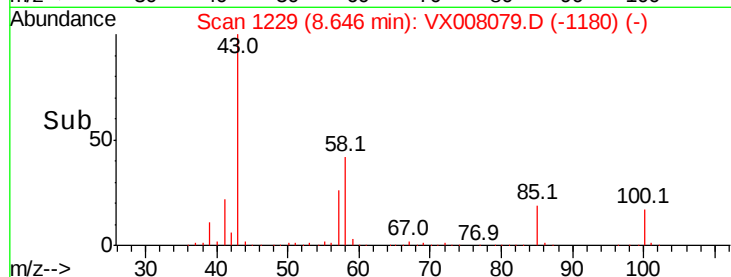
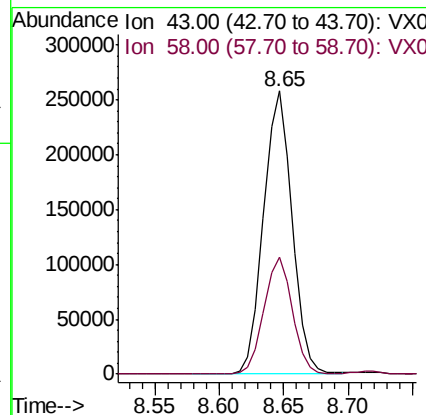
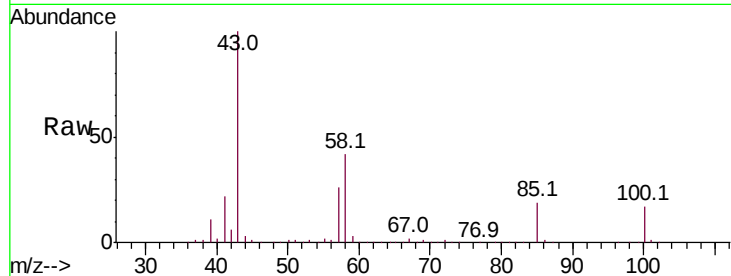
58 41.1 31.3 46.9

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#52

Toluene

Concen: 19.152 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX008079.D

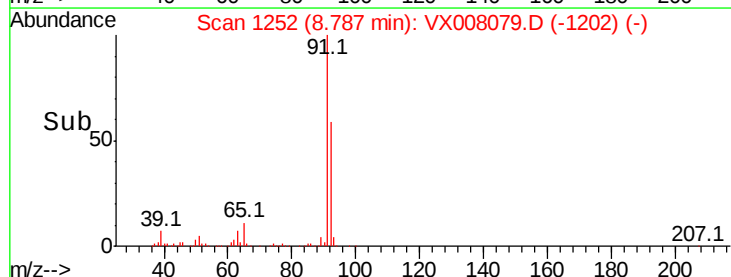
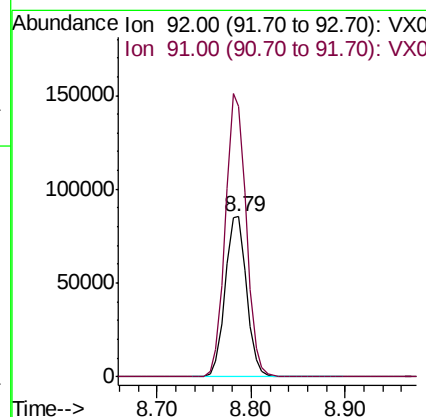
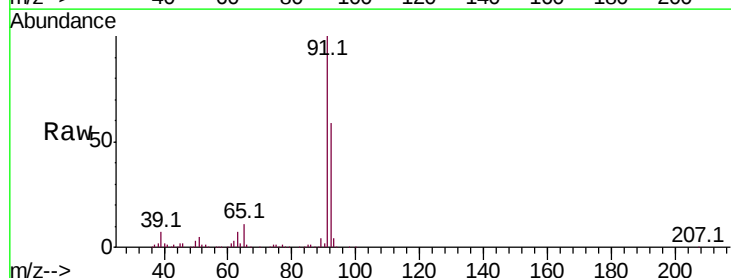
Acq: 14 Mar 2019 19:47

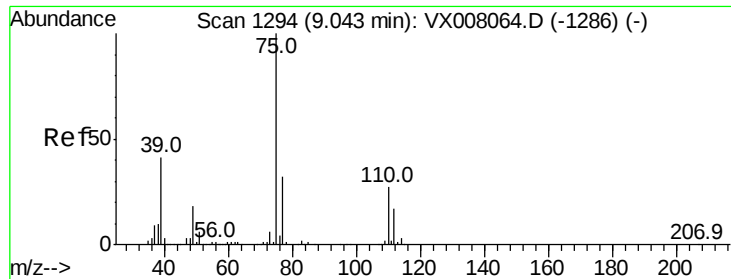
Tgt Ion: 92 Resp: 135234

Ion Ratio Lower Upper

92 100

91 172.0 137.4 206.0





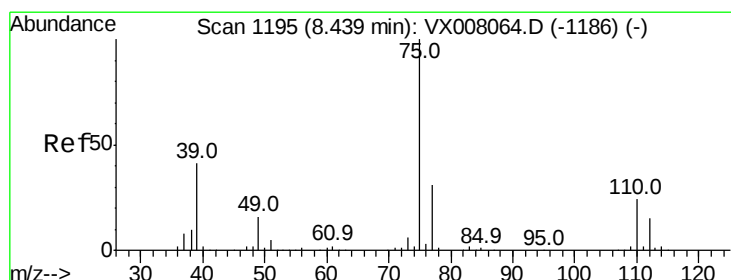
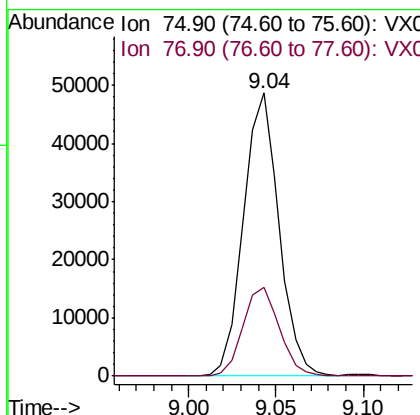
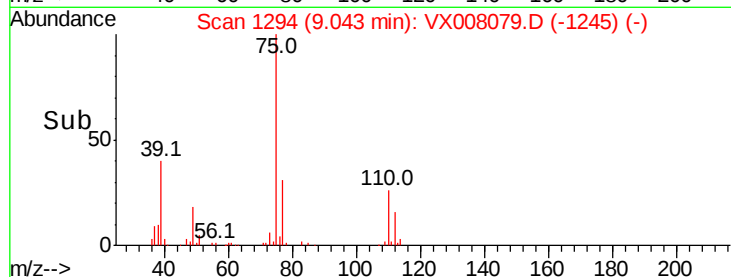
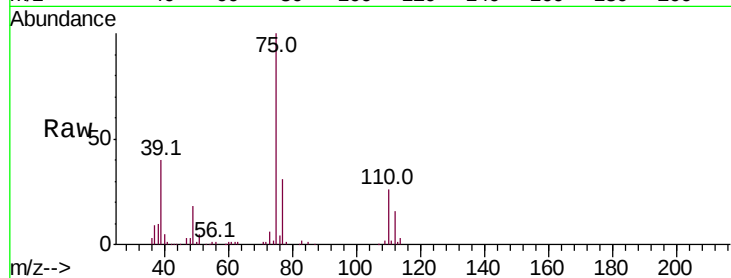
#53
t-1,3-Dichloropropene
Concen: 17.933 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 75 Resp: 68672
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

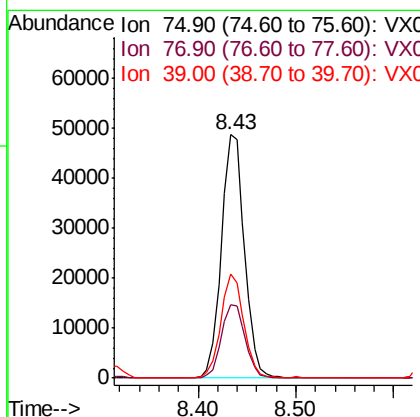
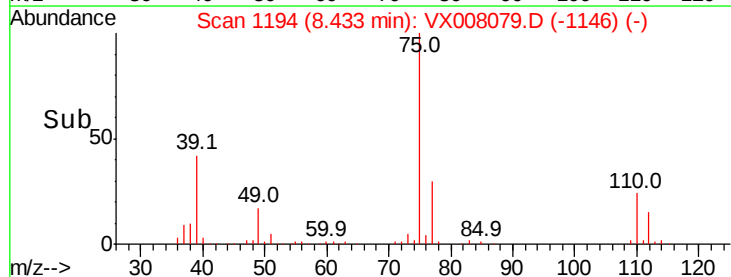
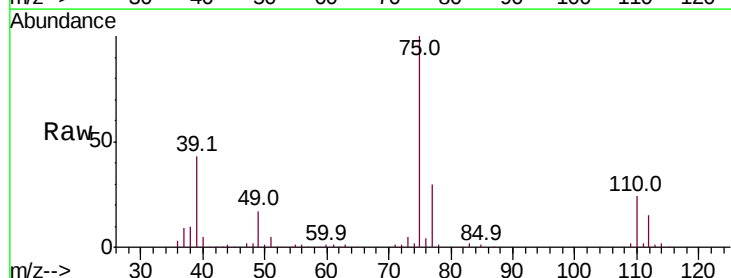
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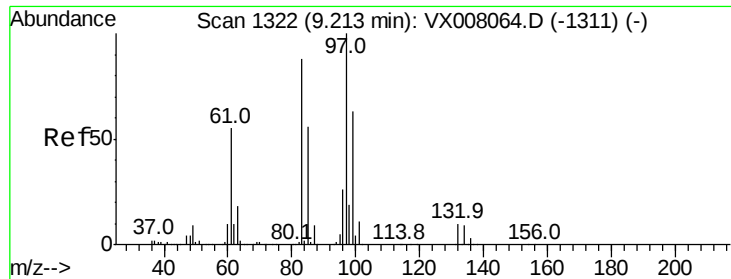
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#54
cis-1,3-Dichloropropene
Concen: 18.794 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.01 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 75 Resp: 79988
Ion Ratio Lower Upper
75 100
77 29.9 25.0 37.6
39 42.5 36.6 54.8





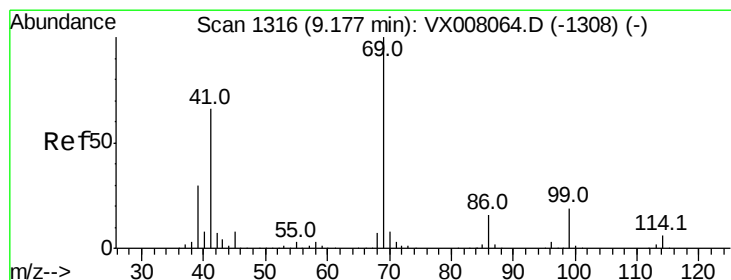
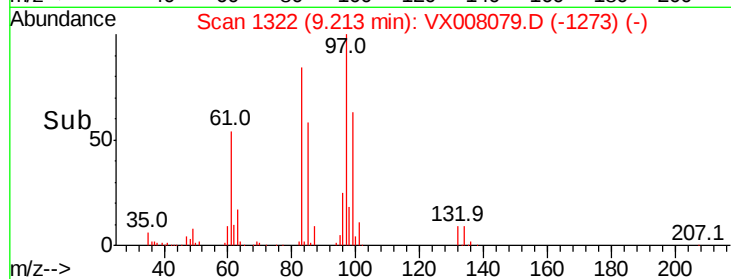
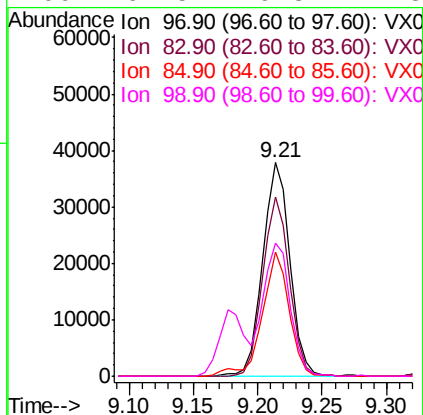
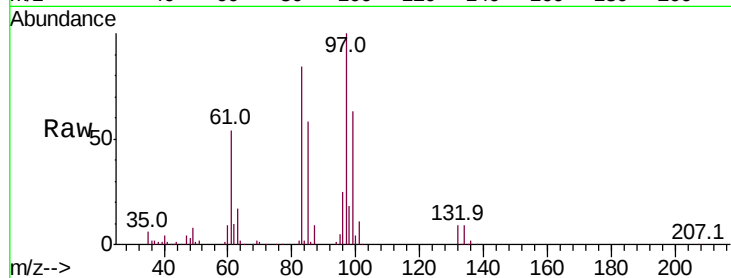
#55
 1,1,2-Trichloroethane
 Concen: 19.226 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.1	103.7
85	58.3	44.3	66.5
99	62.5	49.8	74.8

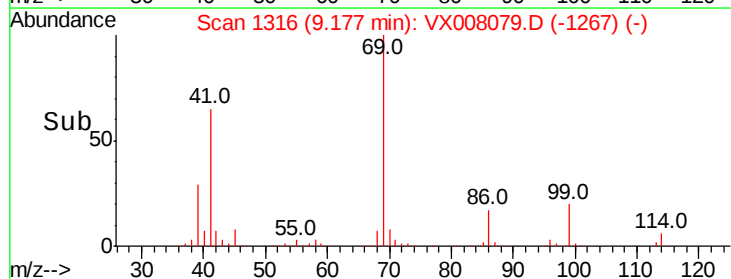
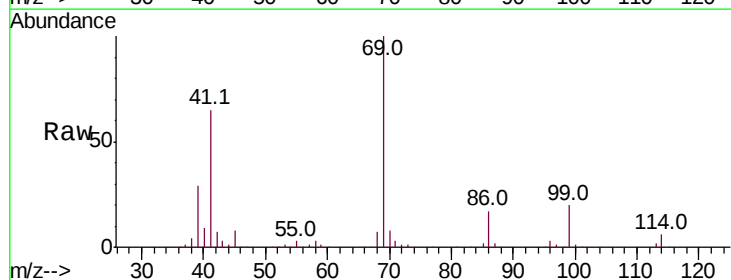
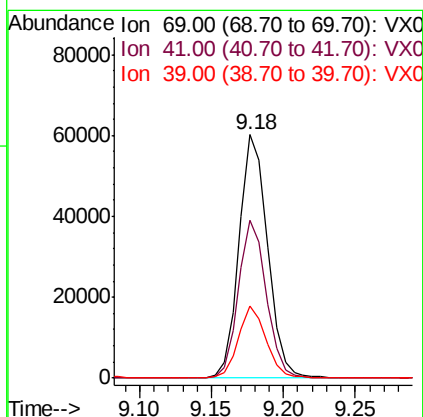
Manual Integrations
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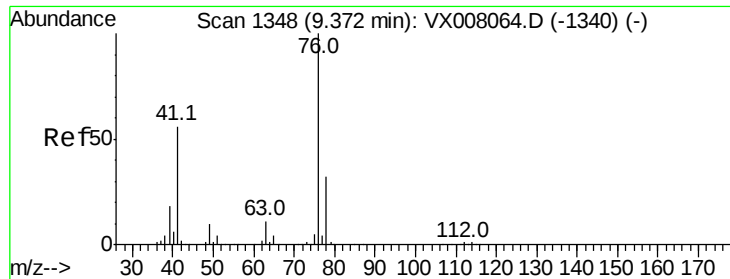
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 3/15/2019 9:06:23 AM



#56
 Ethyl methacrylate
 Concen: 19.545 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.5	54.2	81.4
39	28.5	25.0	37.4





#57

1,3-Dichloropropane

Concen: 18.765 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

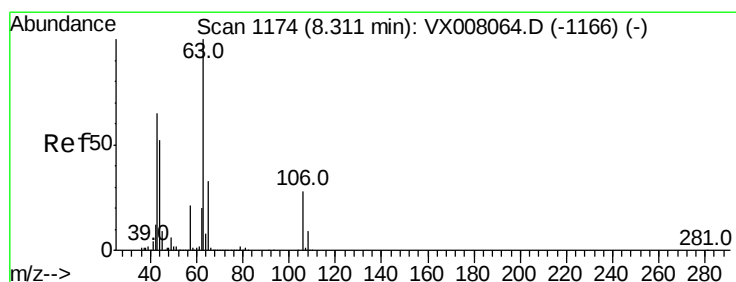
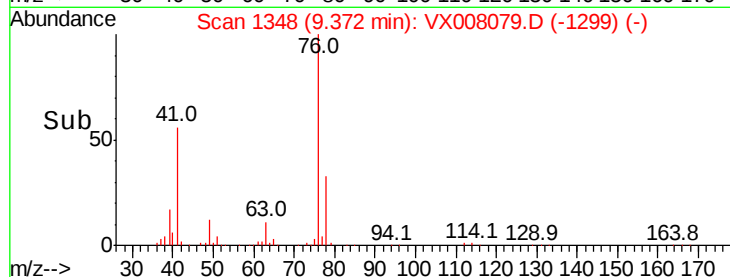
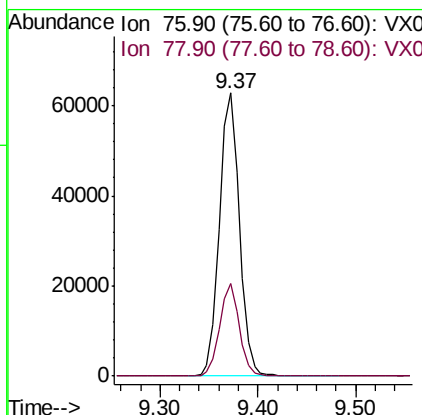
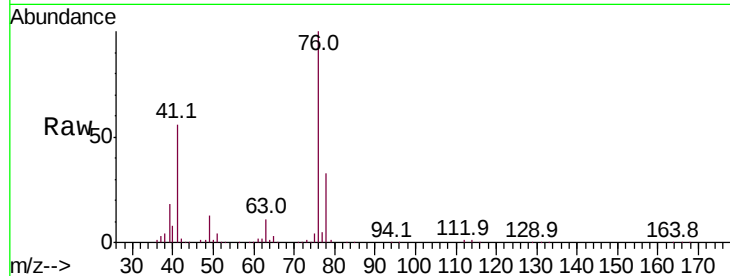
Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 76 Resp: 89286

Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.5	38.3

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#58

2-Chloroethyl Vinyl ether

Concen: 93.870 ug/l

RT: 8.31 min Scan# 1174

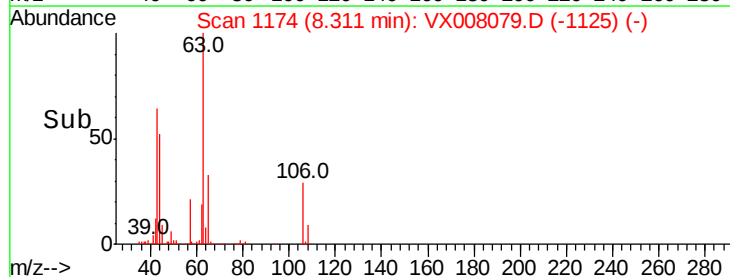
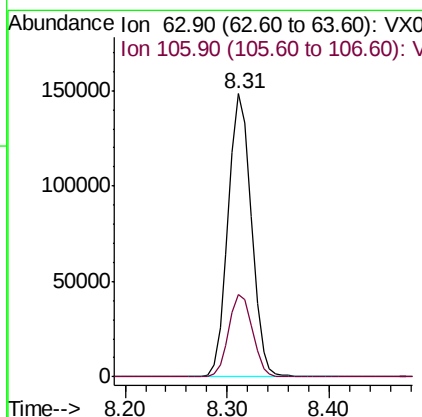
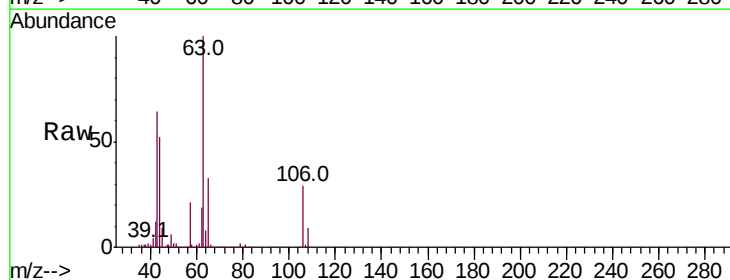
Delta R.T. 0.00 min

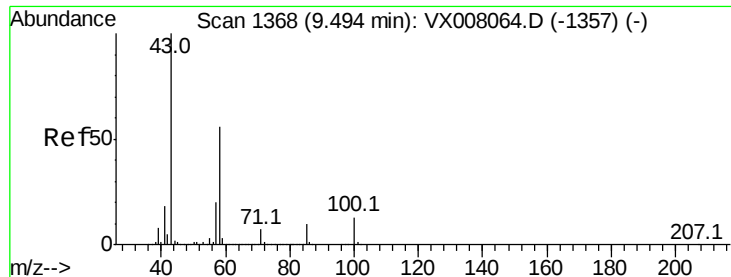
Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion: 63 Resp: 234535

Ion	Ratio	Lower	Upper
63	100		
106	29.6	22.2	33.2





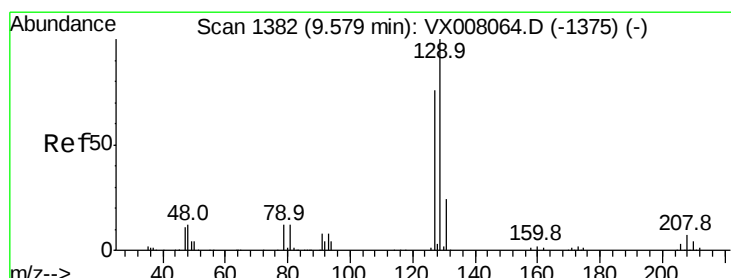
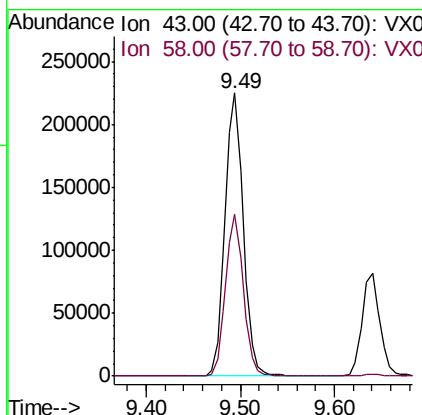
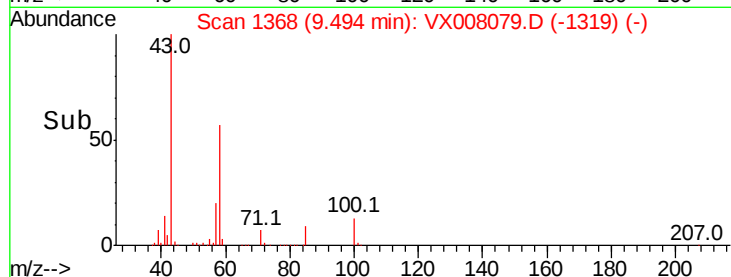
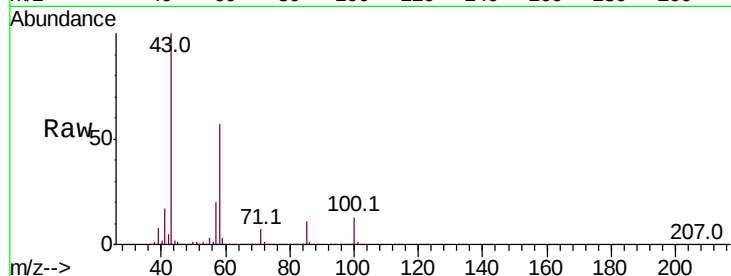
#59
2-Hexanone
Concen: 93.732 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 43 Resp: 303221
Ion Ratio Lower Upper
43 100
58 56.5 27.6 82.7

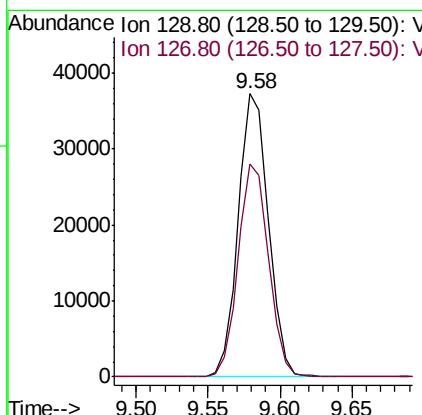
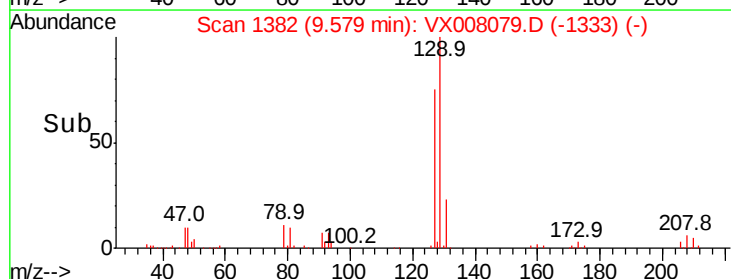
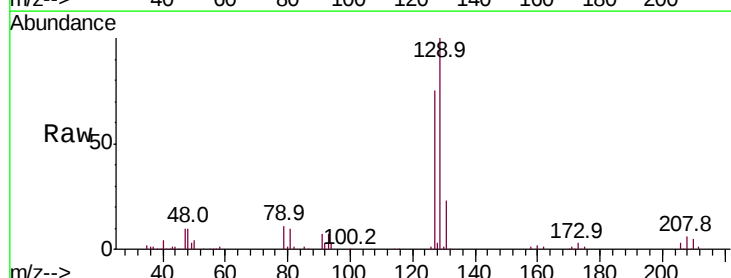
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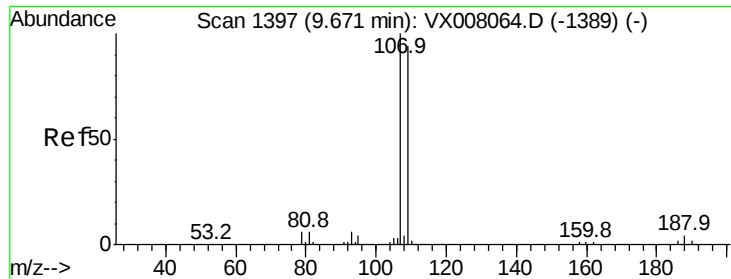
MMDadoda
3/15/2019 9:06:23 AM



#60
Dibromochloromethane
Concen: 18.326 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 129 Resp: 54304
Ion Ratio Lower Upper
129 100
127 75.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 19.171 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion:107 Resp: 57757

Ion Ratio Lower Upper

107 100

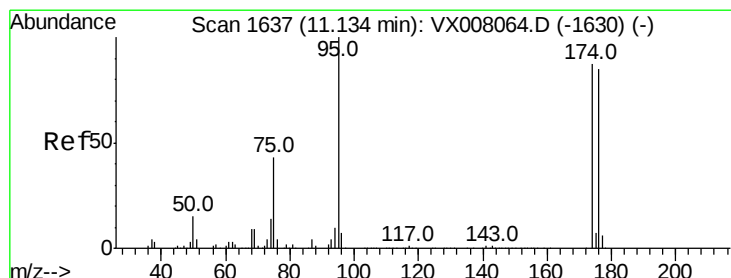
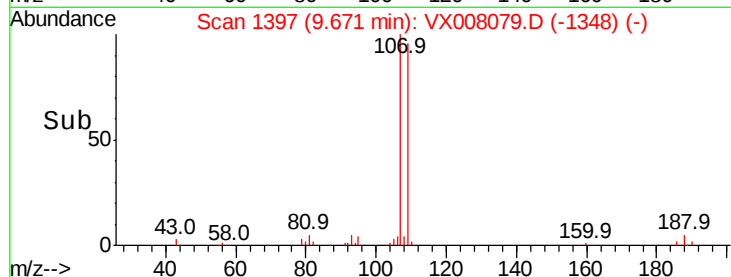
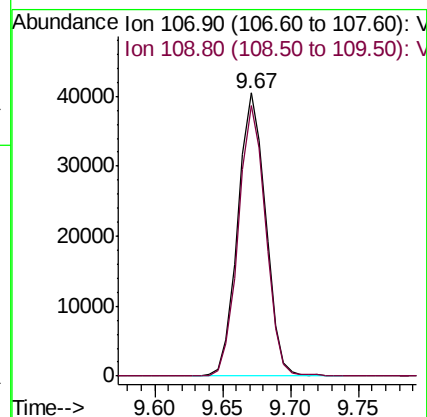
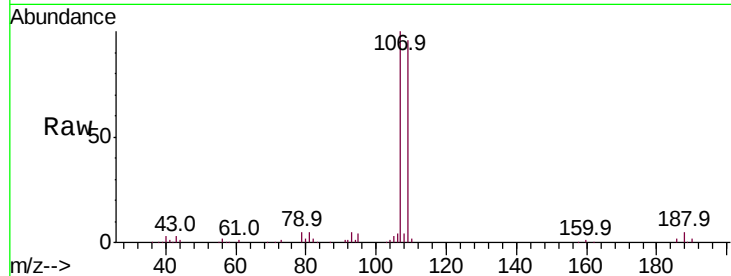
109 94.0 75.8 113.8

Manual Integrations

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MMDadoda

3/15/2019 9:06:23 AM



#62

4-Bromofluorobenzene

Concen: 48.266 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

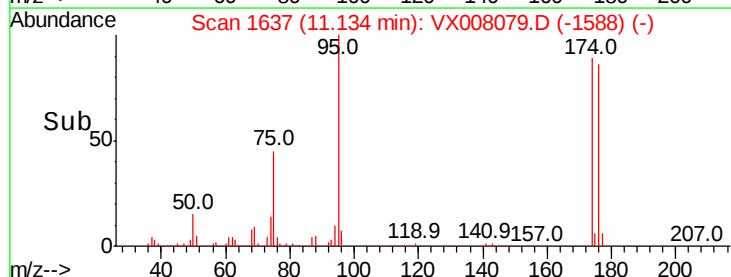
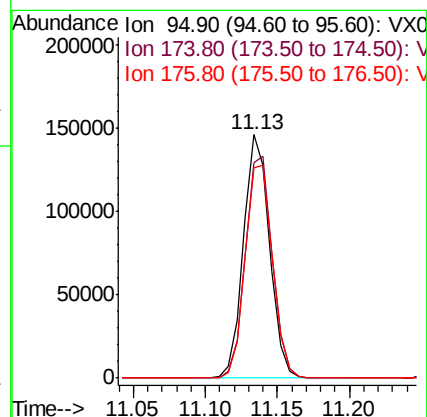
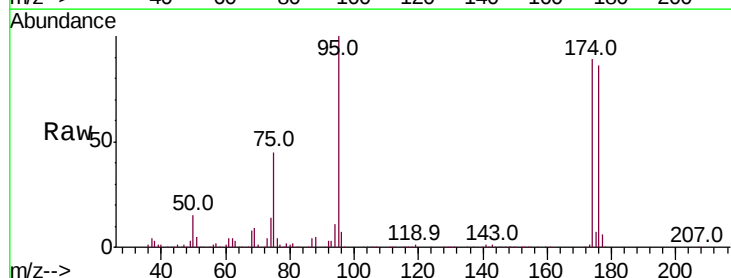
Tgt Ion: 95 Resp: 183811

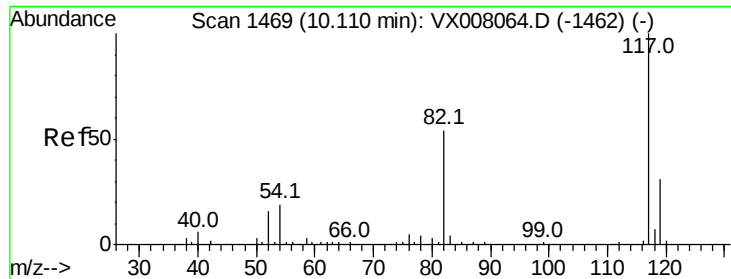
Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.8

176 91.8 0.0 178.0





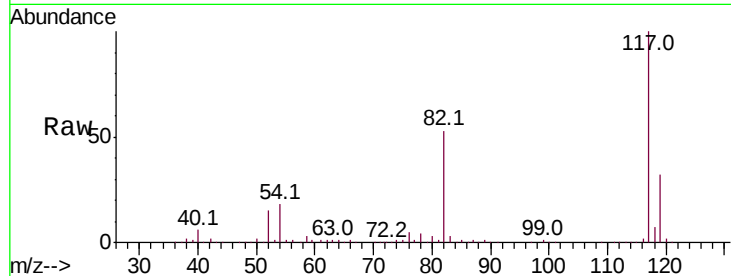
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	389450		
82	53.4	44.3	66.5	
119	31.8	25.3	37.9	

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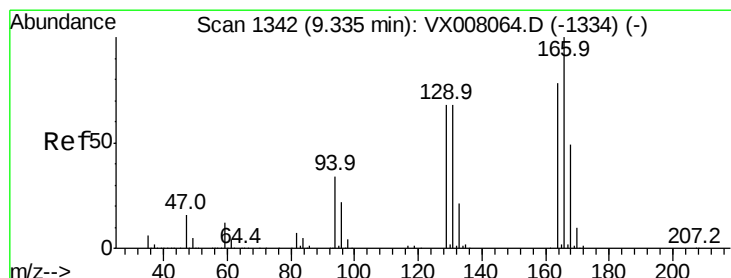
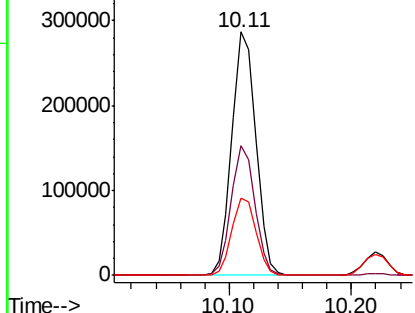
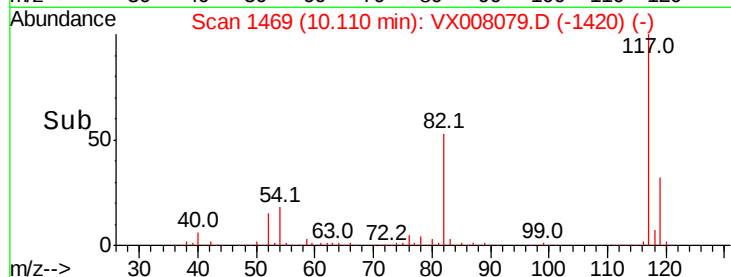


Abundance

Ion 116.90 (116.60 to 117.60): V

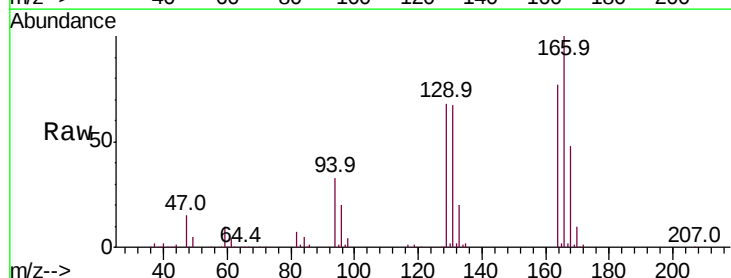
Ion 82.00 (81.70 to 82.70): VX

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.258 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	60768		
166	129.2	103.4	155.0	
129	87.7	72.2	108.4	
131	86.1	69.4	104.2	



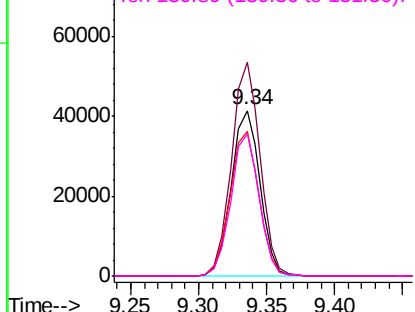
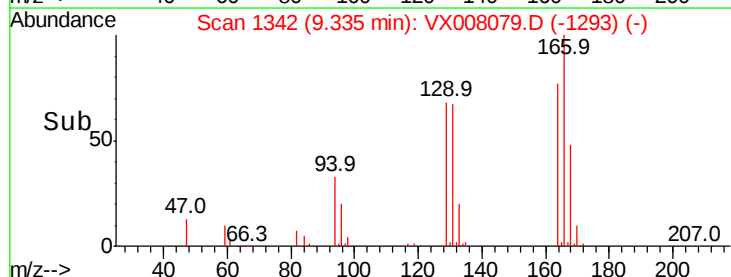
Abundance

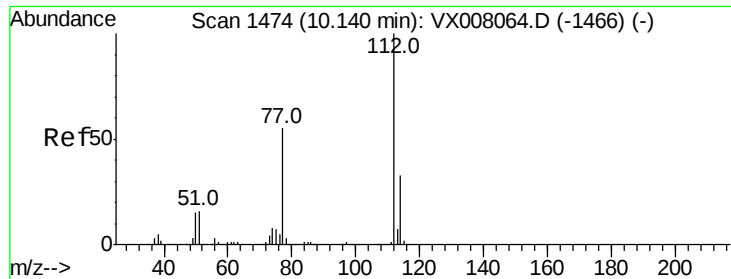
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





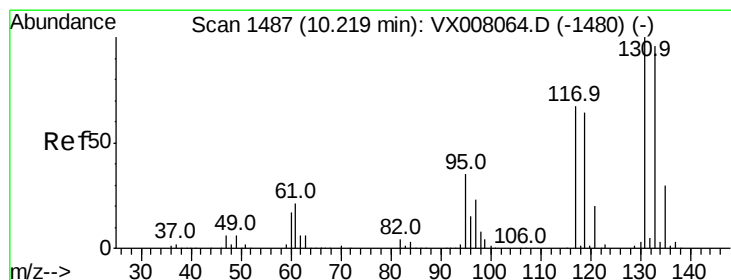
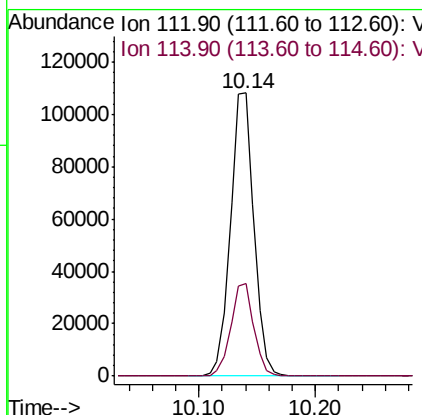
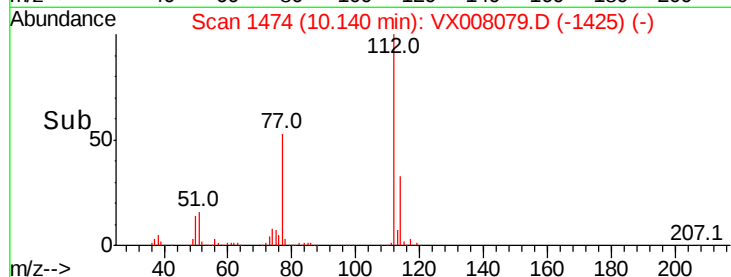
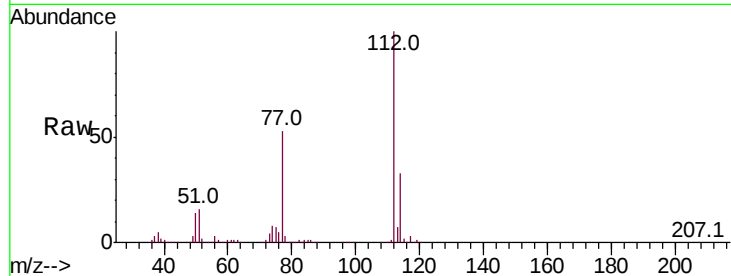
#65
Chlorobenzene
Concen: 19.605 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion:112 Resp: 151520
Ion Ratio Lower Upper
112 100
114 32.6 26.0 39.0

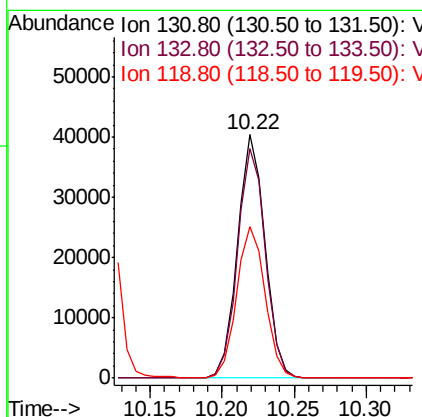
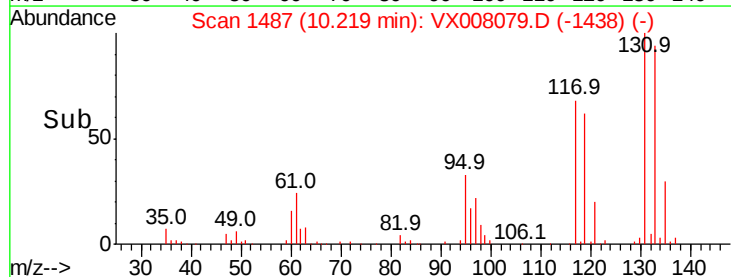
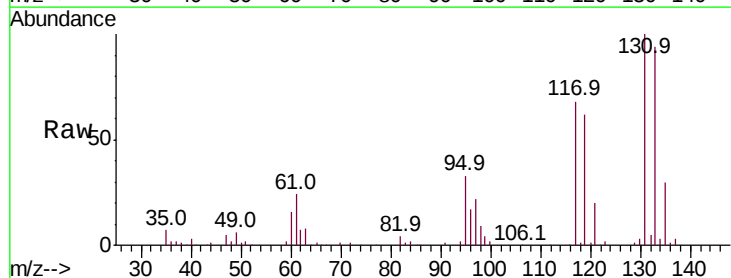
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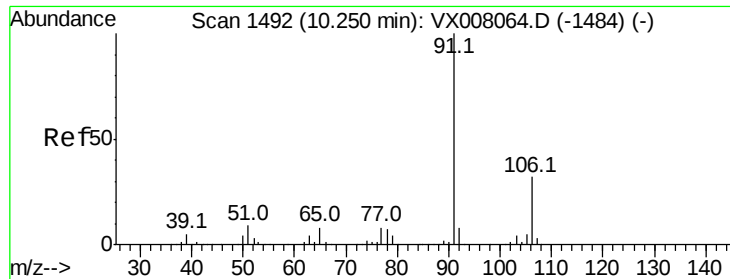
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.517 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion:131 Resp: 53530
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 65.0 32.5 97.5





#67

Ethyl Benzene

Concen: 19.413 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 91 Resp: 248327

Ion Ratio Lower Upper

91 100

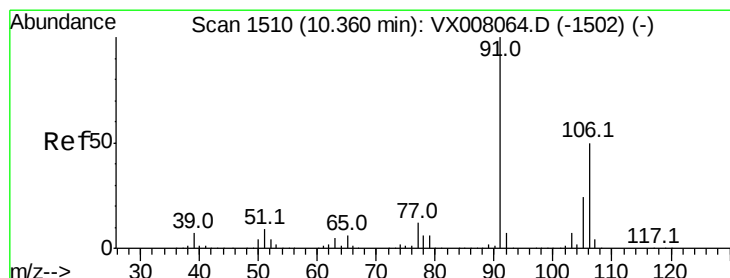
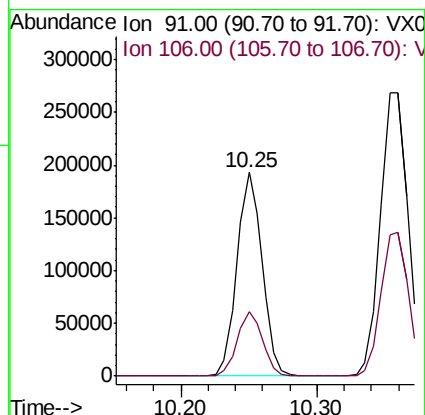
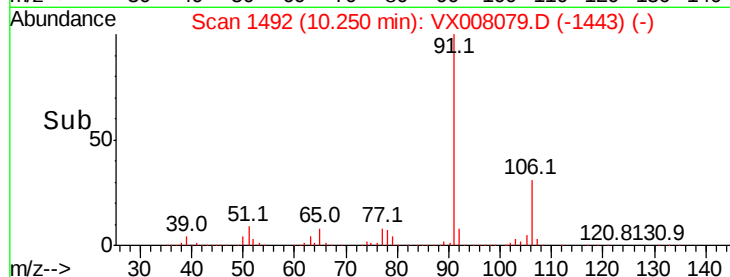
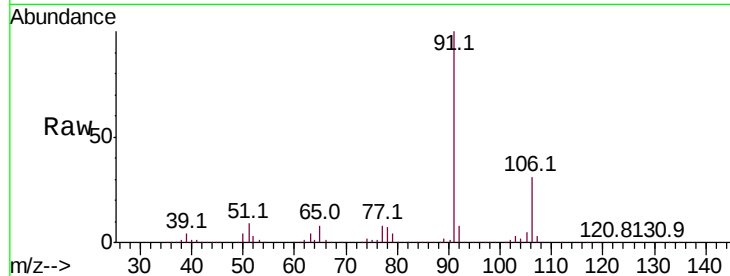
106 31.4 25.2 37.8

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#68

m/p-Xylenes

Concen: 39.364 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX008079.D

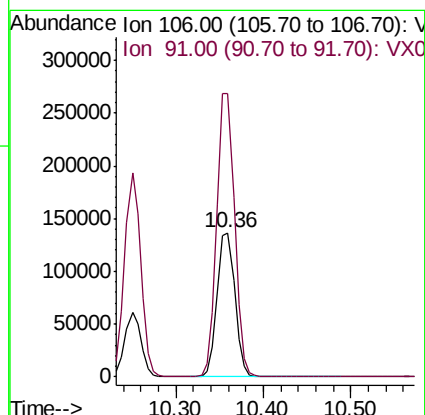
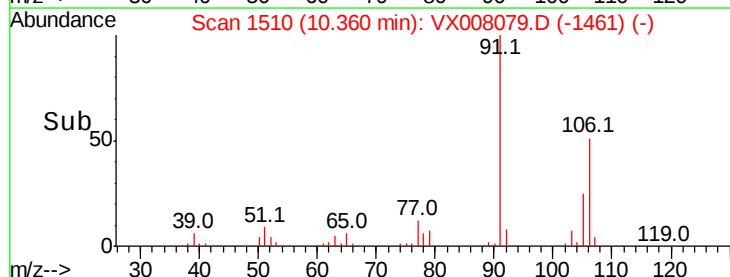
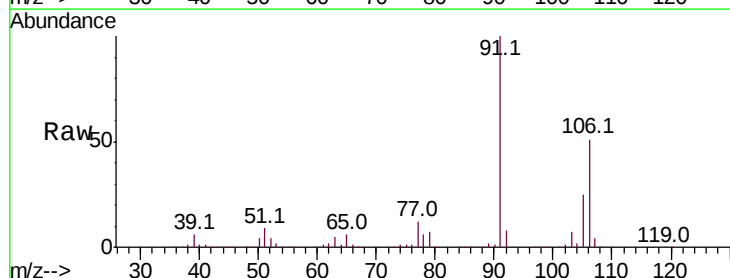
Acq: 14 Mar 2019 19:47

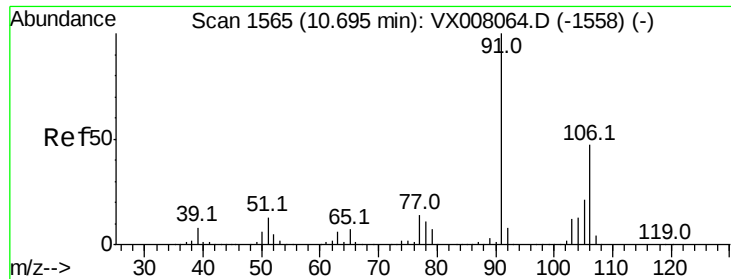
Tgt Ion: 106 Resp: 192683

Ion Ratio Lower Upper

106 100

91 197.5 159.8 239.6





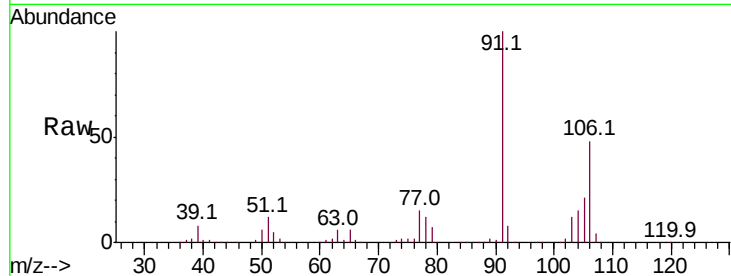
#69
o-Xylene
Concen: 19.784 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

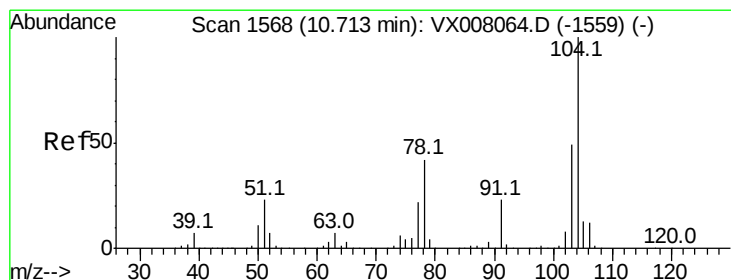
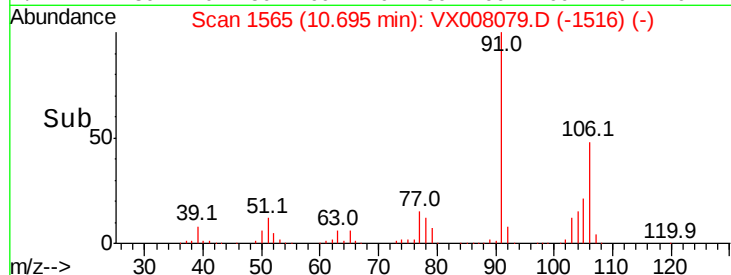
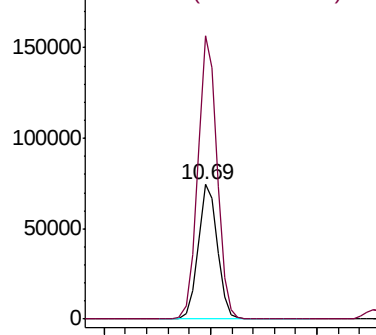
Tot Ion:106 Resp: 94402
Ion Ratio Lower Upper
106 100
91 209.9 106.3 318.9

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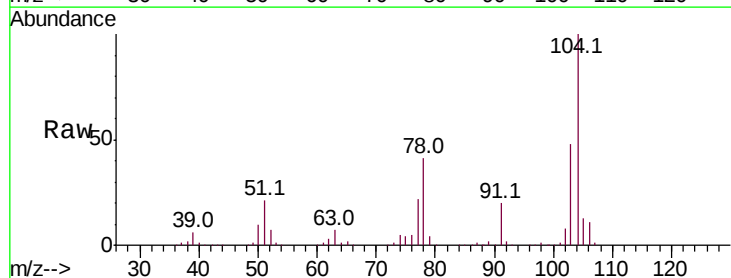


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

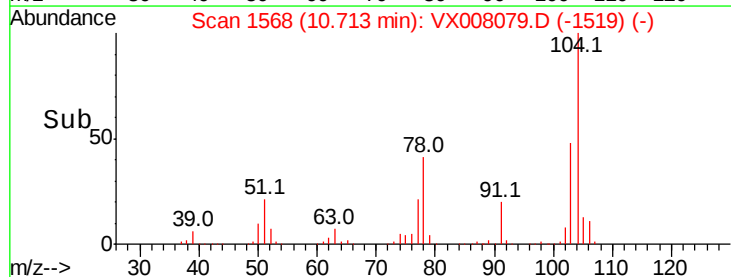
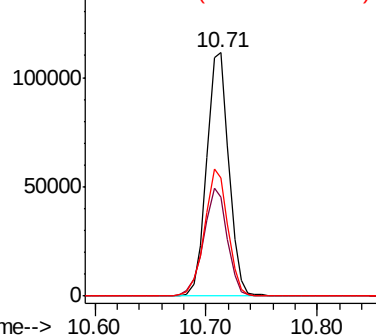


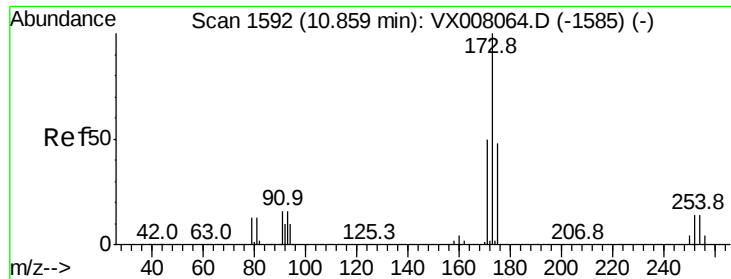
#70
Styrene
Concen: 19.701 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion:104 Resp: 154006
Ion Ratio Lower Upper
104 100
78 47.2 38.5 57.7
103 54.7 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.248 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion:173 Resp: 41420

Ion Ratio Lower Upper

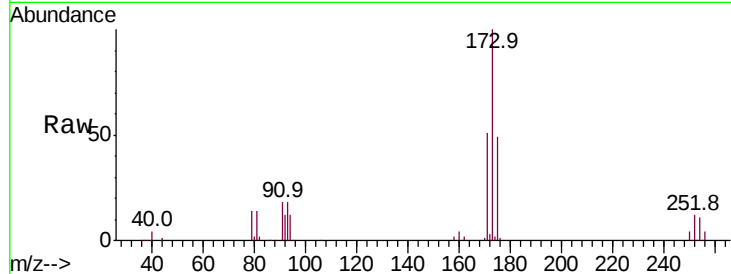
173 100

175 49.1 24.3 72.9

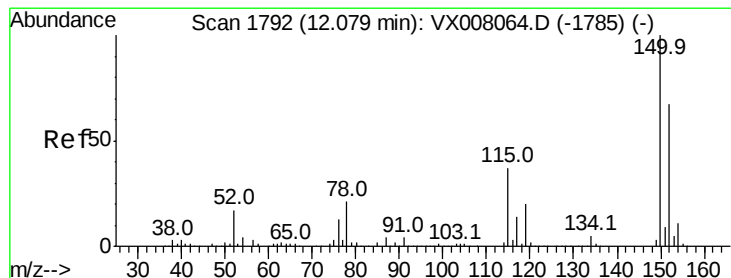
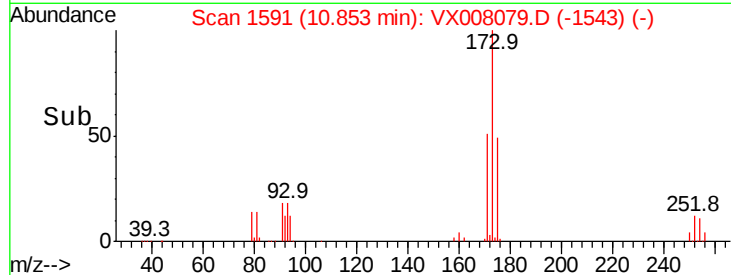
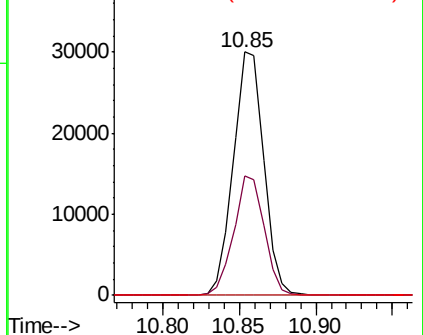
254 0.1 0.1 0.1

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

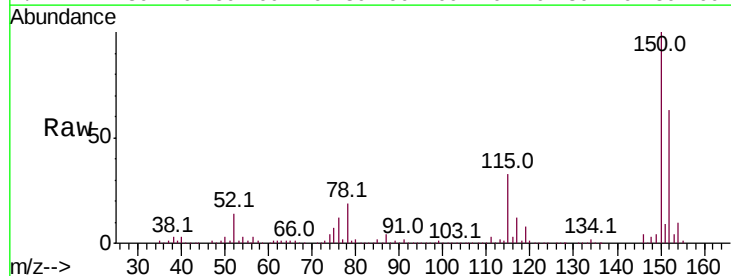
Tgt Ion:152 Resp: 192632

Ion Ratio Lower Upper

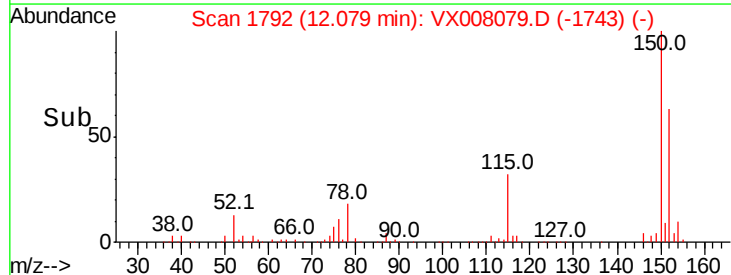
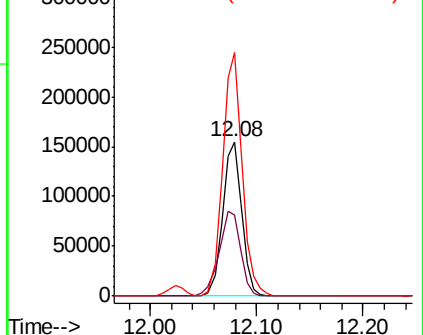
152 100

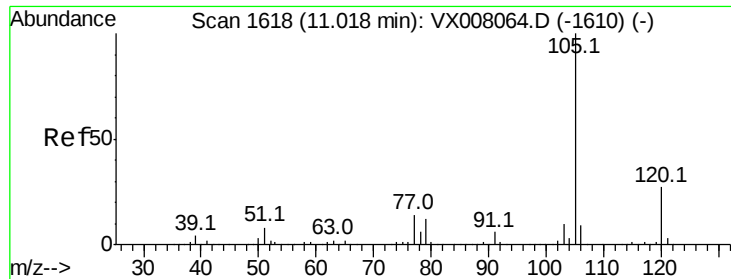
115 61.9 38.6 115.7

150 161.6 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





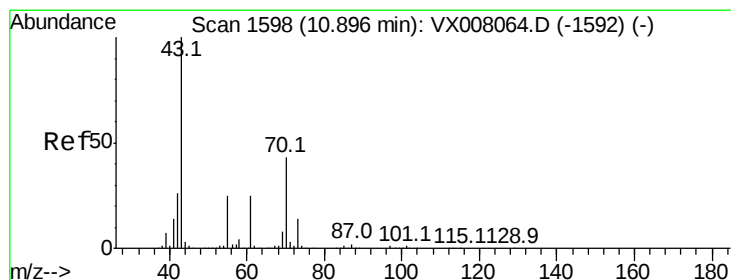
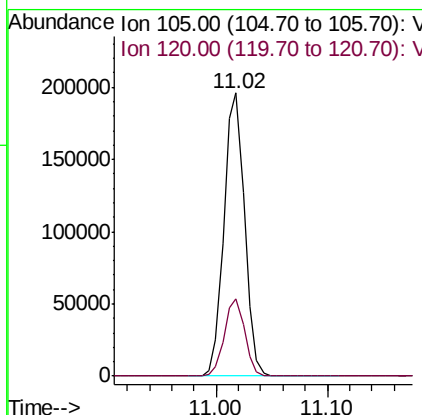
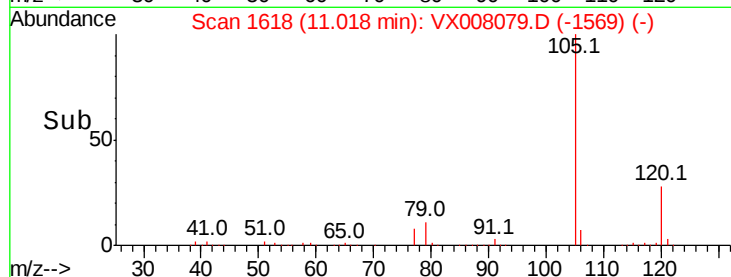
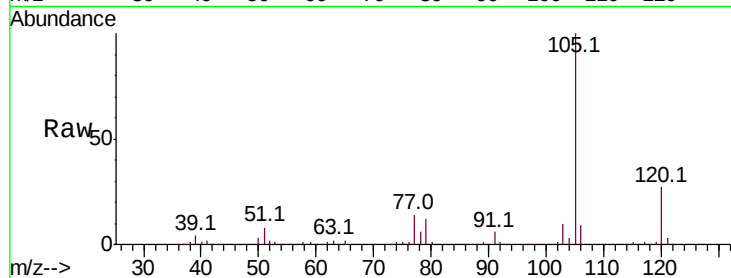
#73
Isopropylbenzene
Concen: 20.353 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 105 Resp: 251111
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1

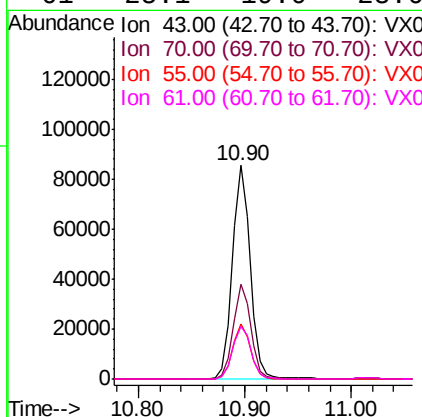
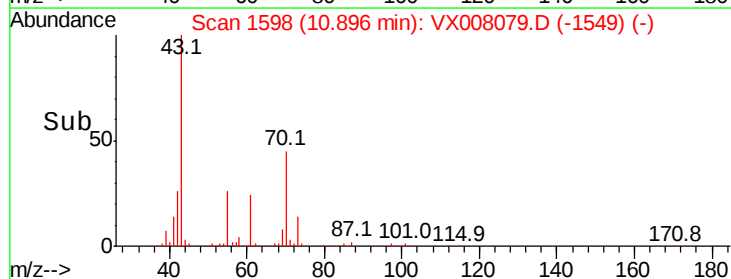
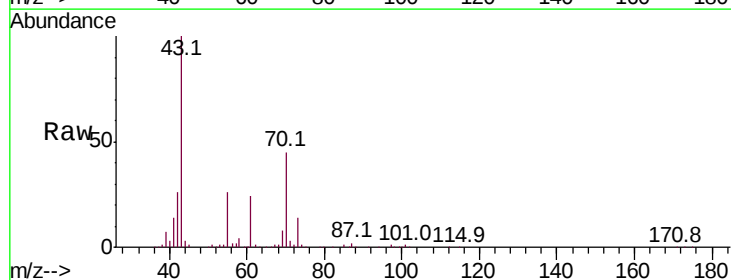
Manual Integrations
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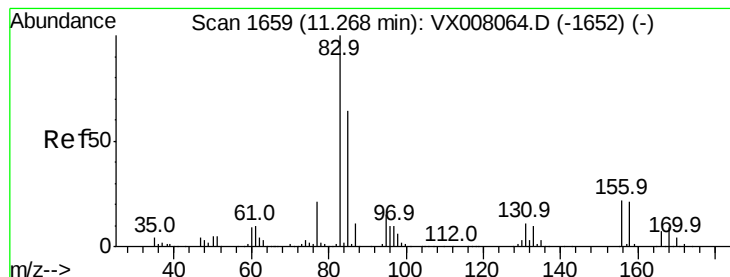
MMDadoda
3/15/2019 9:06:23 AM



#74
N-ethyl acetate
Concen: 19.468 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 43 Resp: 101323
Ion Ratio Lower Upper
43 100
70 44.0 33.5 50.3
55 25.7 19.2 28.8
61 25.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.771 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 83 Resp: 79925

Ion Ratio Lower Upper

83 100

131 11.1 5.4 16.2

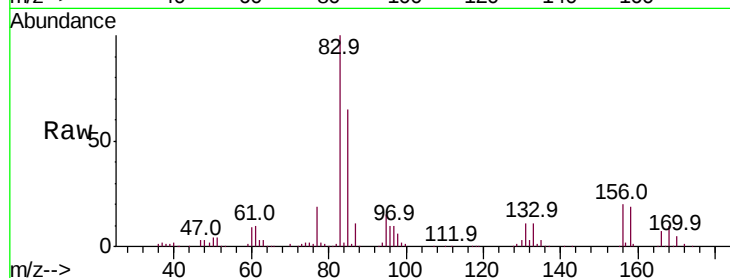
85 64.8 32.3 96.8

Manual Integrations

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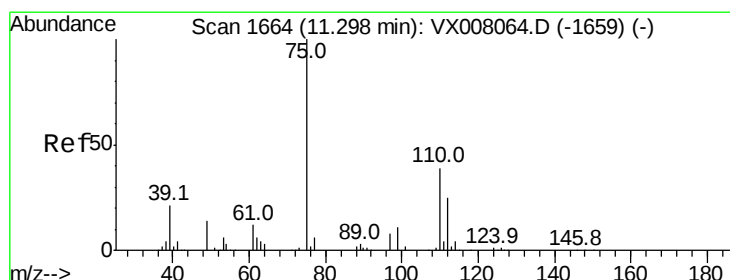
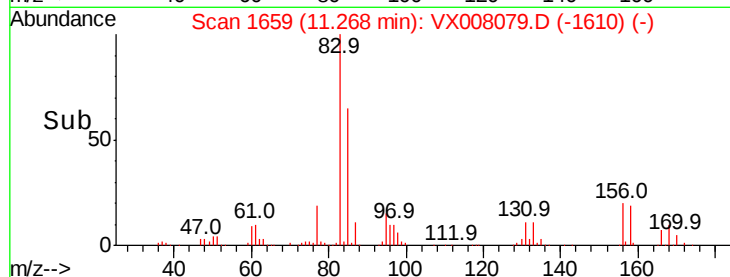
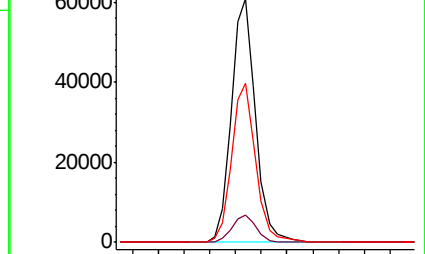
3/15/2019 9:06:23 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.145 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008079.D

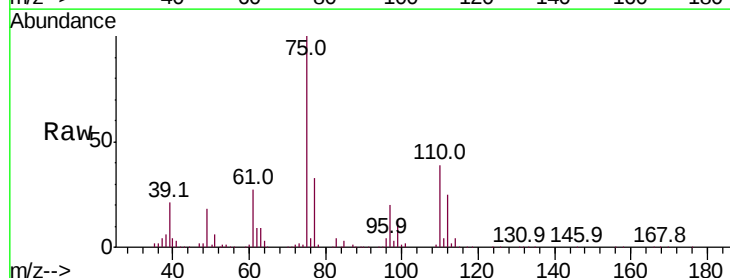
Acq: 14 Mar 2019 19:47

Tgt Ion: 75 Resp: 77430

Ion Ratio Lower Upper

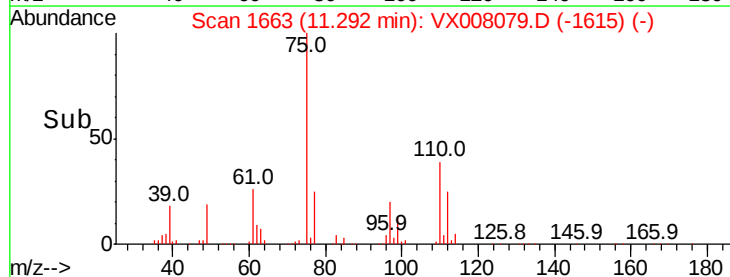
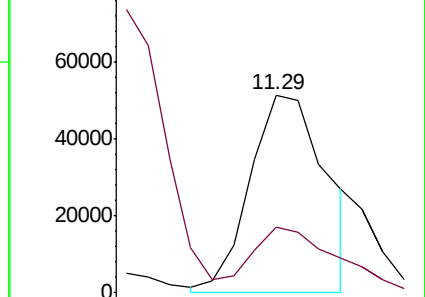
75 100

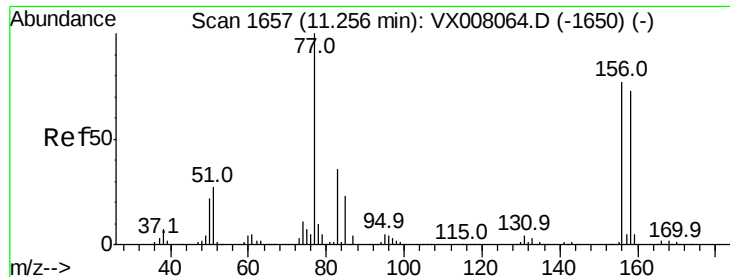
77 38.0 18.9 56.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.272 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion:156 Resp: 68268

Ion Ratio Lower Upper

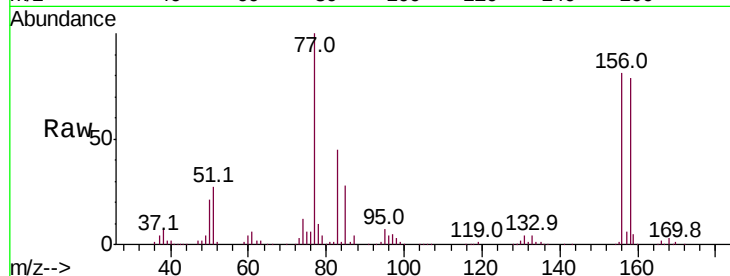
156 100

77 135.6 72.0 215.9

158 97.3 48.6 145.9

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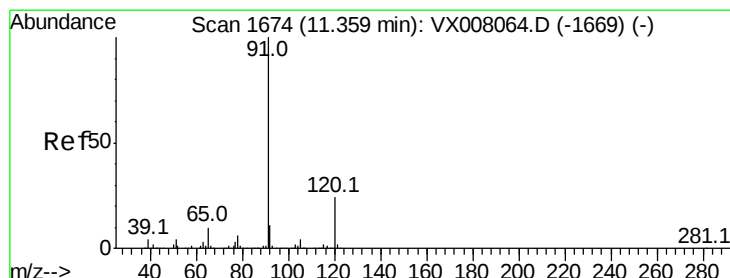
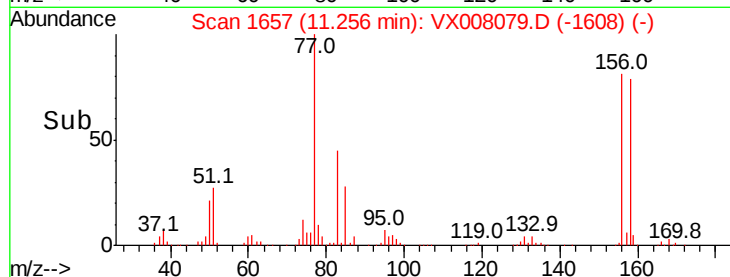
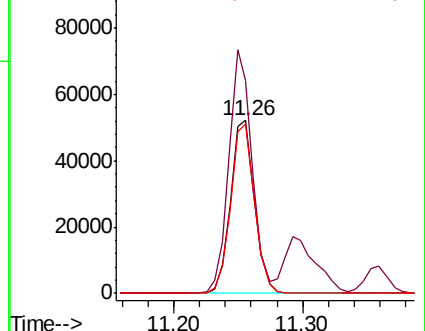
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.770 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX008079.D

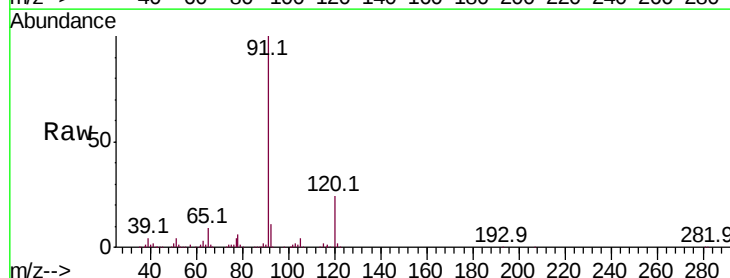
Acq: 14 Mar 2019 19:47

Tgt Ion: 91 Resp: 267613

Ion Ratio Lower Upper

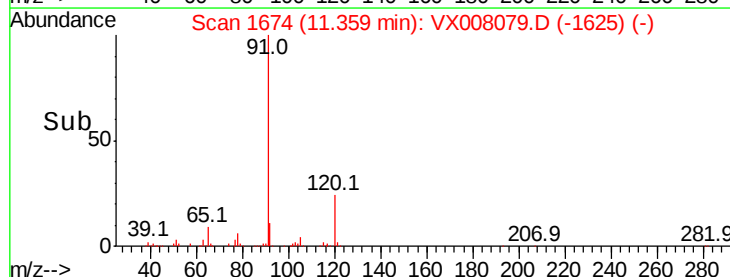
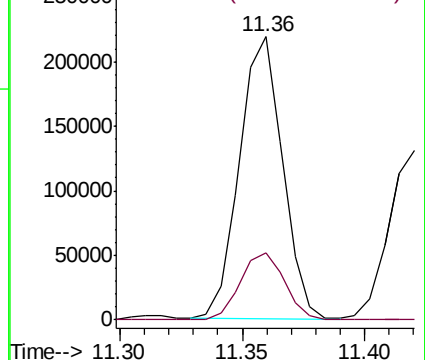
91 100

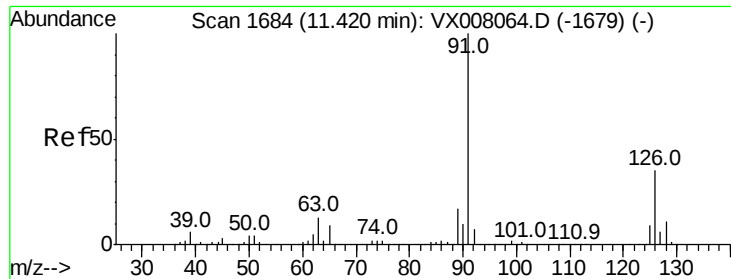
120 24.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.788 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion: 91 Resp: 163580

Ion Ratio Lower Upper

91 100

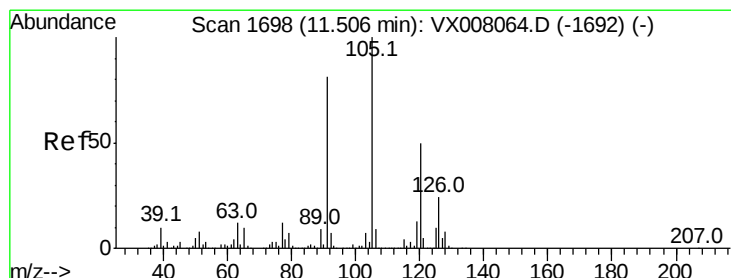
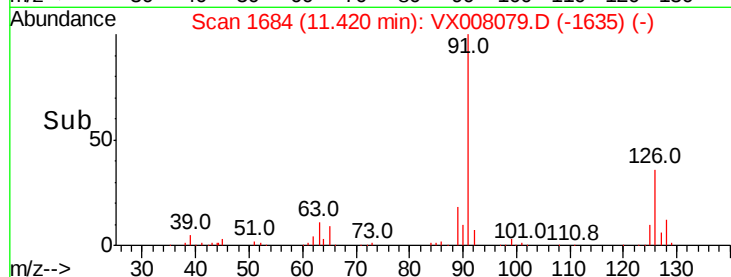
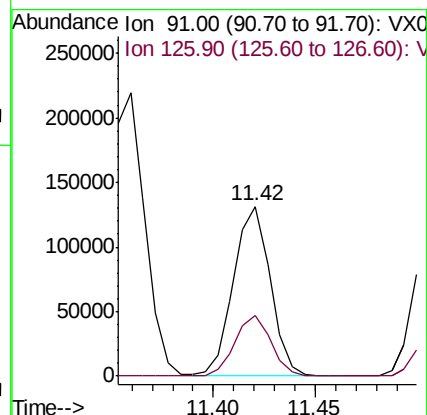
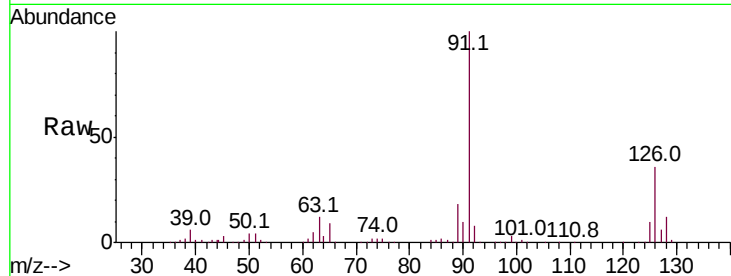
126 35.5 17.5 52.6

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#80

1,3,5-Trimethylbenzene

Concen: 20.272 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX008079.D

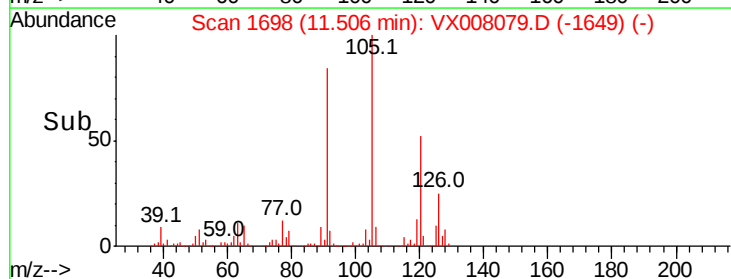
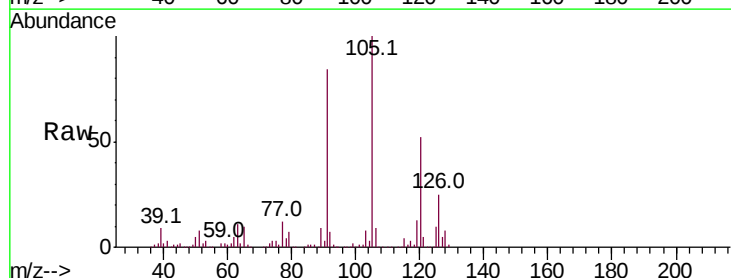
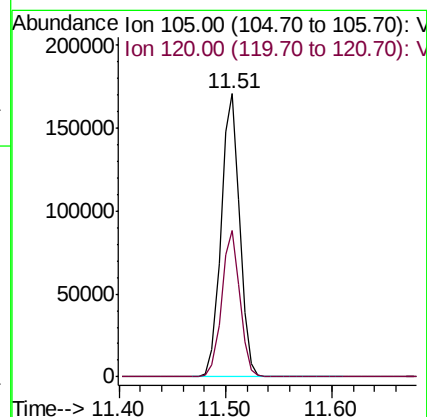
Acq: 14 Mar 2019 19:47

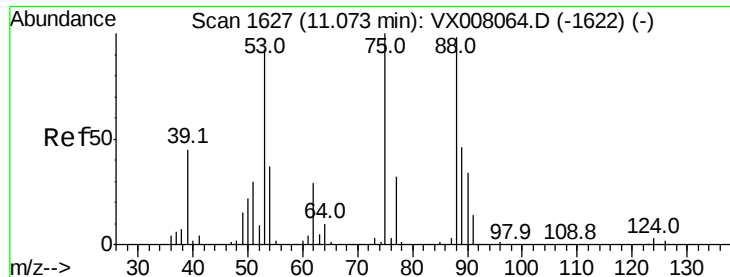
Tgt Ion: 105 Resp: 206099

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.6





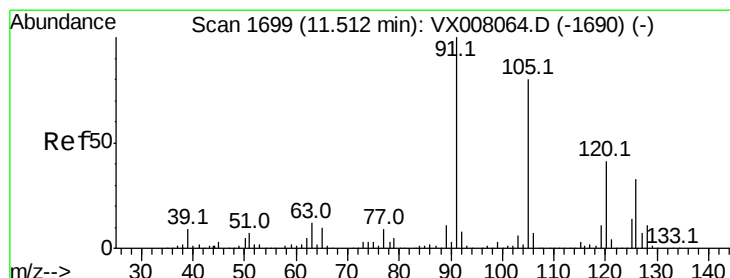
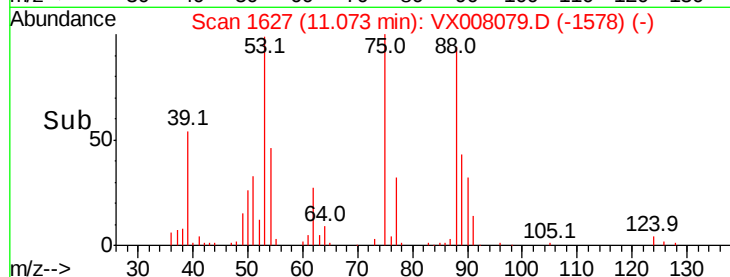
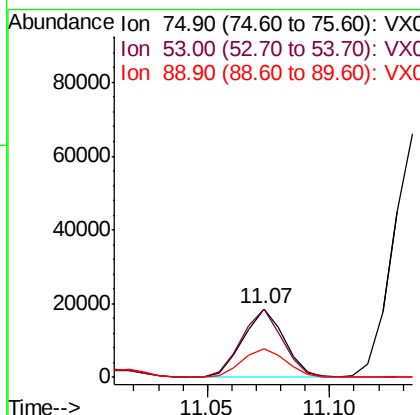
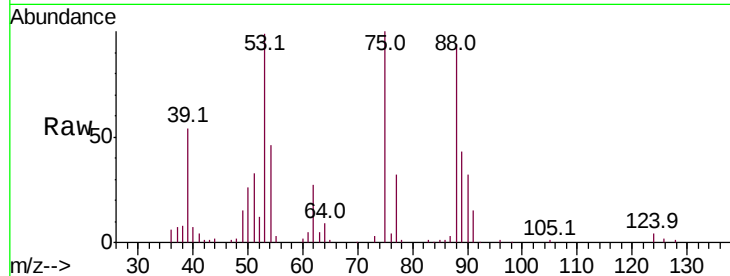
#81
trans-1,4-Dichloro-2-butene
Concen: 18.814 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion: 75 Resp: 22119
Ion Ratio Lower Upper
75 100
53 99.6 76.1 114.1
89 44.7 36.3 54.5

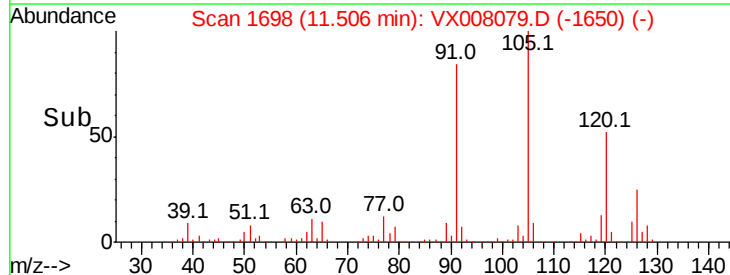
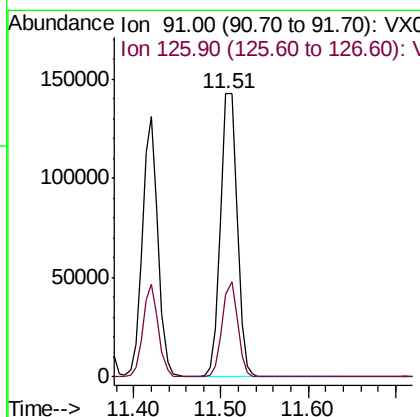
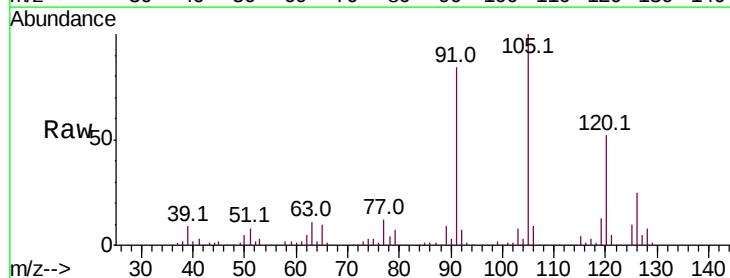
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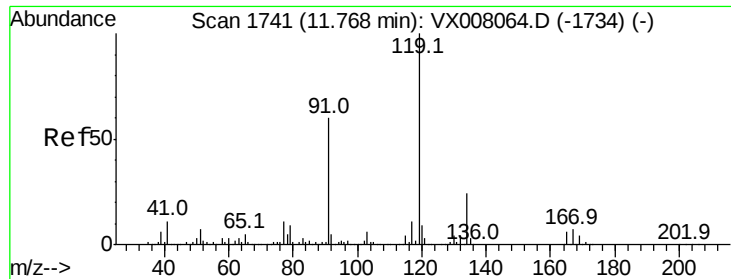
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3/15/2019 9:06:23 AM



#82
4-Chlorotoluene
Concen: 19.806 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion: 91 Resp: 187523
Ion Ratio Lower Upper
91 100
126 31.3 15.6 46.8





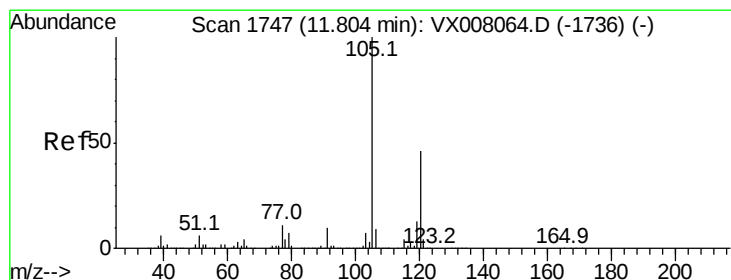
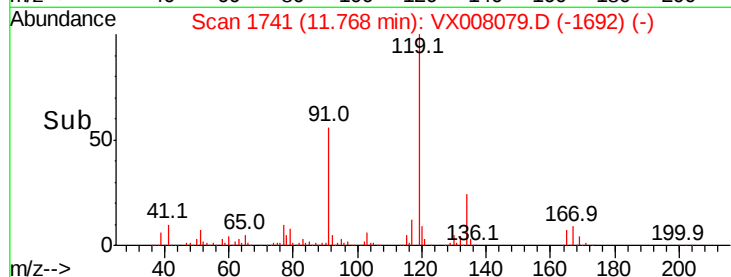
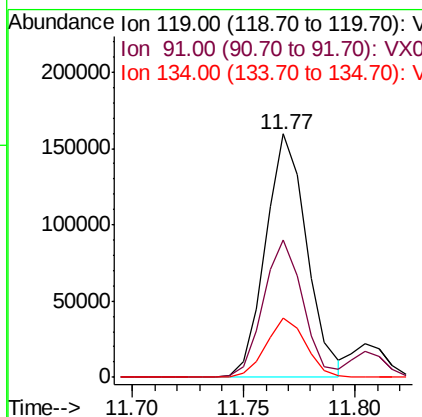
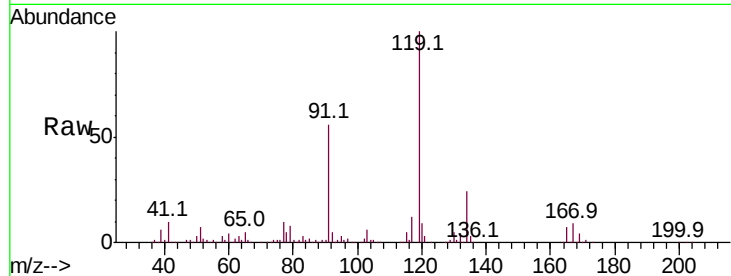
#83
tert-Butylbenzene
Concen: 20.080 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	204575		
91	54.7		27.1	81.3
134	23.6		11.4	34.1

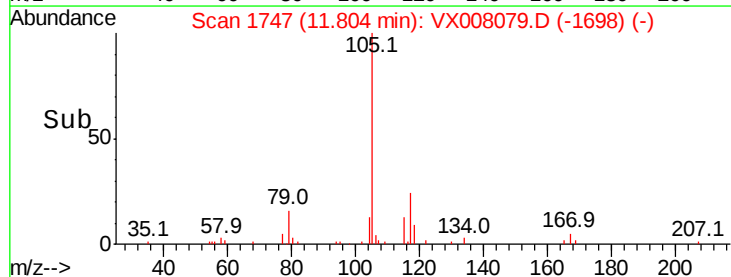
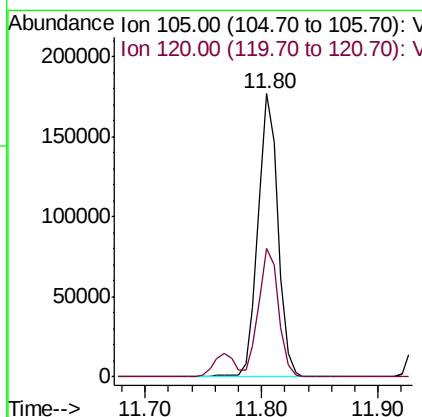
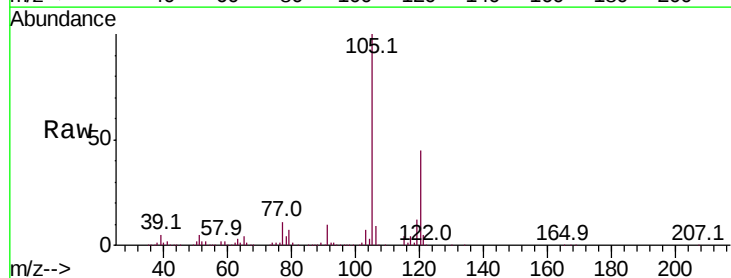
Manual Integrations
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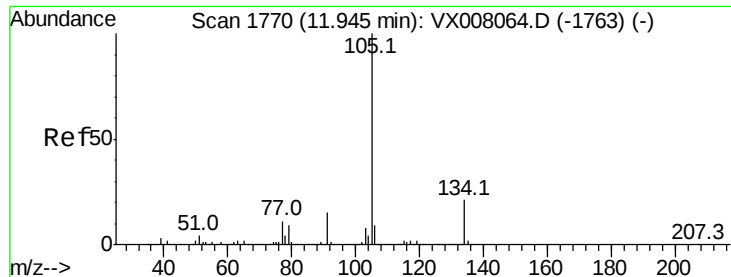
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3/15/2019 9:06:23 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	211617		
120	45.3		22.6	67.7





#85

sec-Butylbenzene

Concen: 20.198 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

ClientSampleId :

VX0314WBS02

Tot Ion:105 Resp: 245182

Ion Ratio Lower Upper

105 100

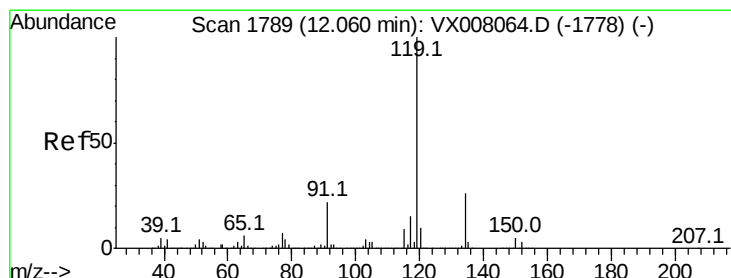
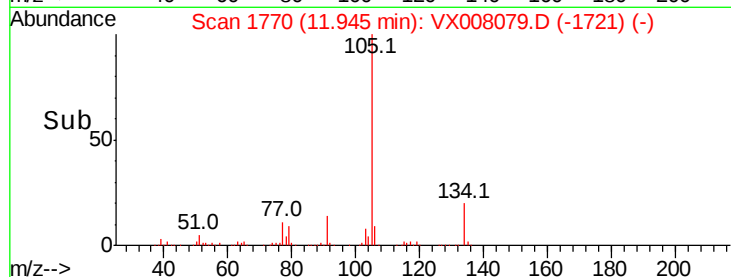
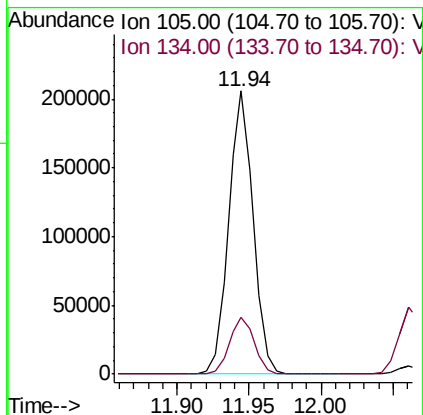
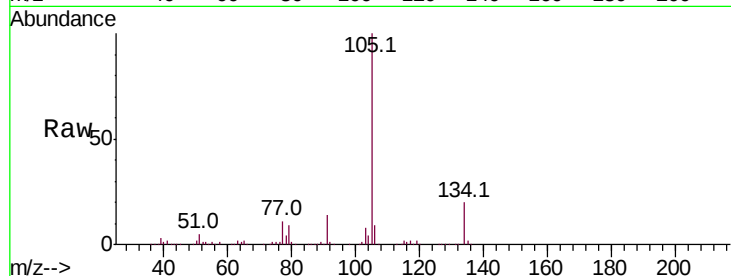
134 20.5 10.4 31.2

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#86

p-Isopropyltoluene

Concen: 20.124 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

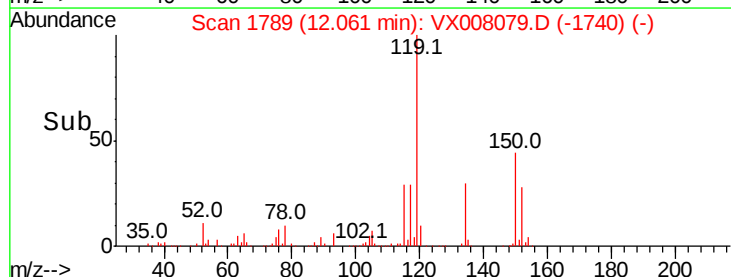
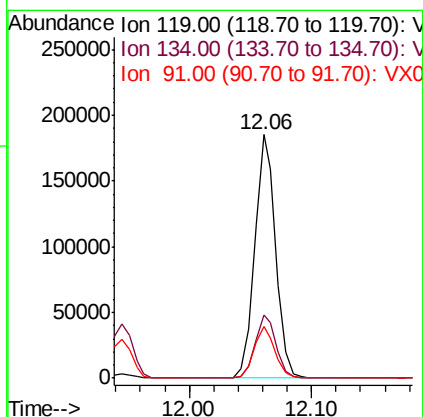
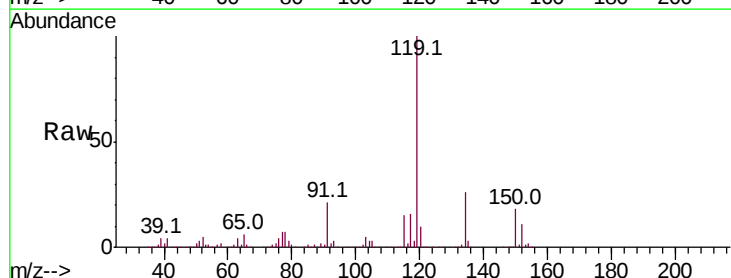
Tgt Ion:119 Resp: 220920

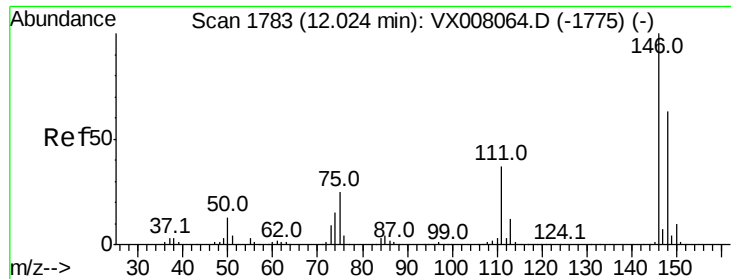
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.9

91 21.2 10.9 32.7





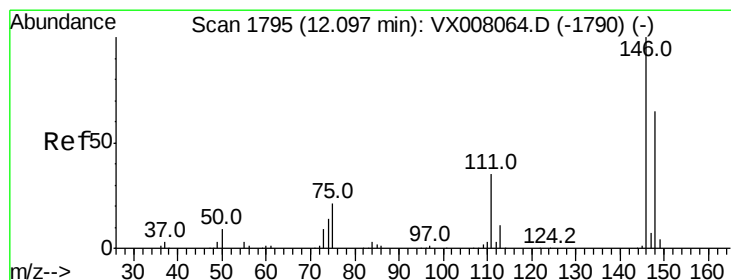
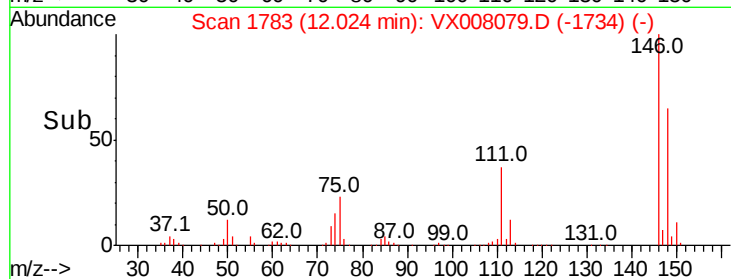
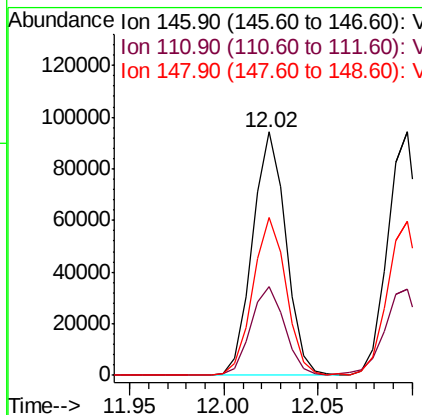
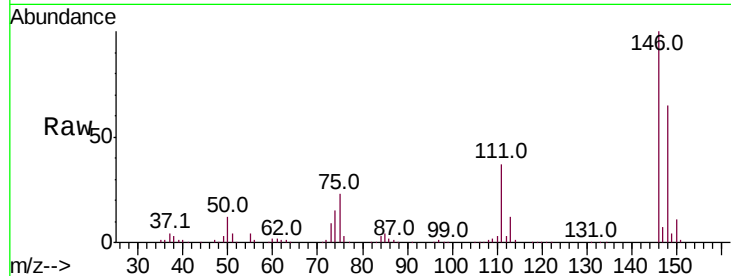
#87
 1,3-Dichlorobenzene
 Concen: 19.356 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.9	56.7
148	64.5	31.7	95.1

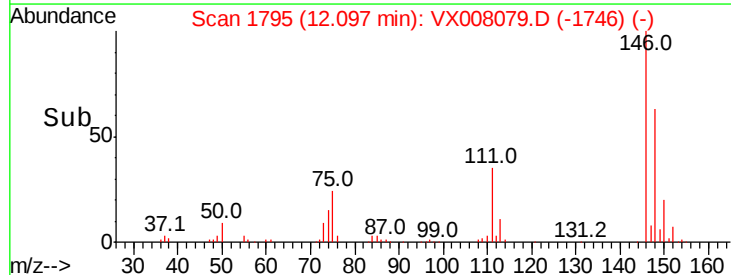
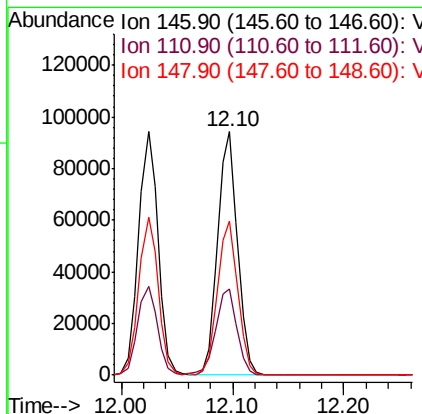
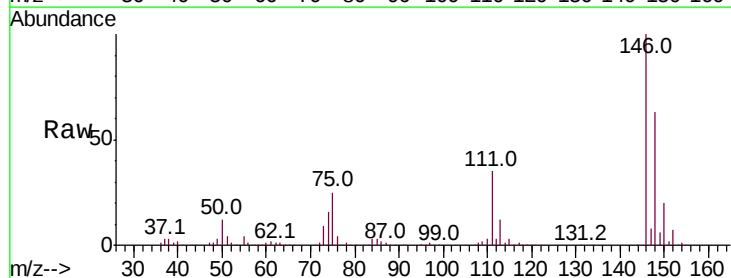
Manual Integrations
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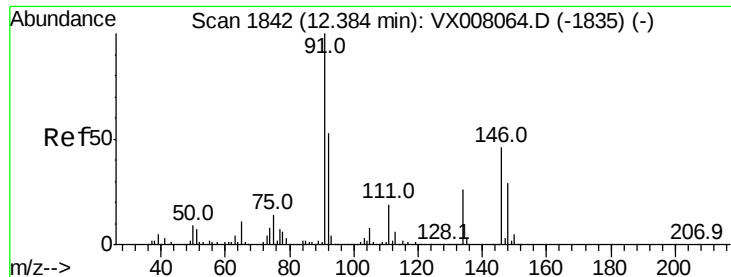
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#88
 1,4-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.0
148	64.8	32.2	96.6





#89

n-Butylbenzene

Concen: 19.285 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Instrument :

MSVOA_X

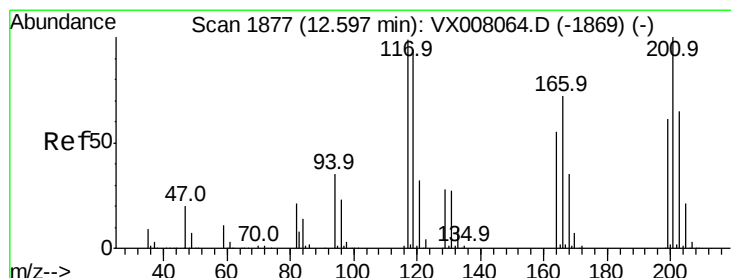
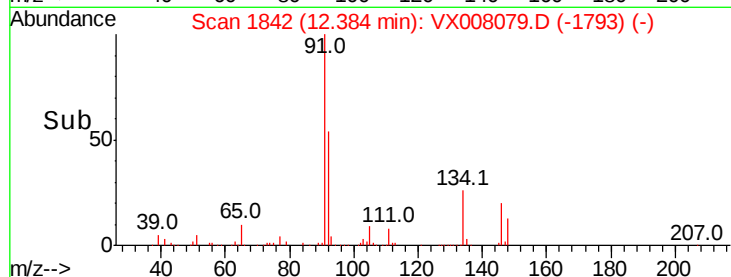
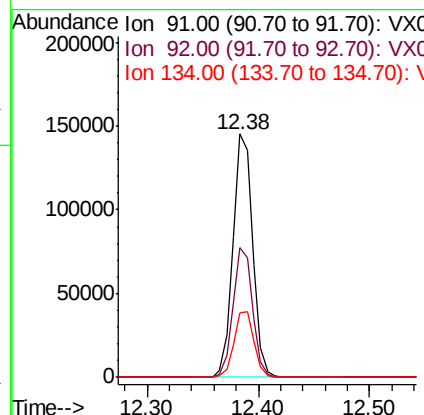
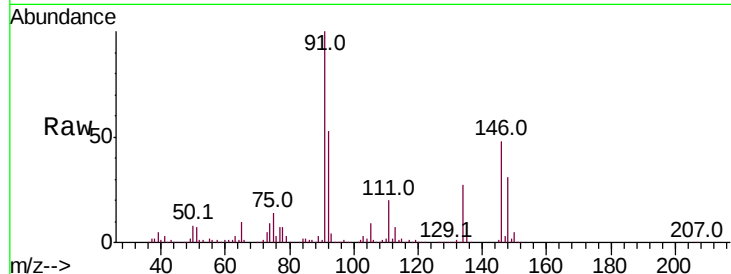
ClientSampleId :

VX0314WBS02

Tot Ion:	91	Resp:	177155
Ion Ratio	Lower	Upper	
91	100		
92	52.8	27.0	80.8
134	27.4	13.7	41.0

Manual Integrations
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3/15/2019 9:06:23 AM



#90

Hexachloroethane

Concen: 18.877 ug/l

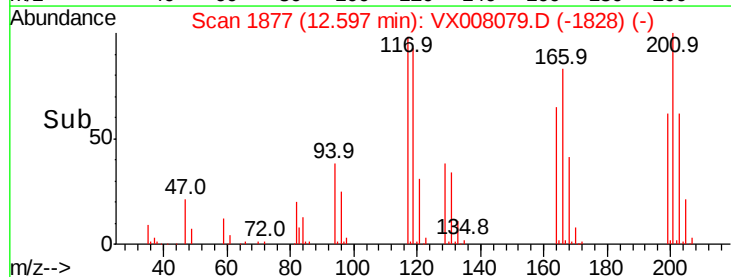
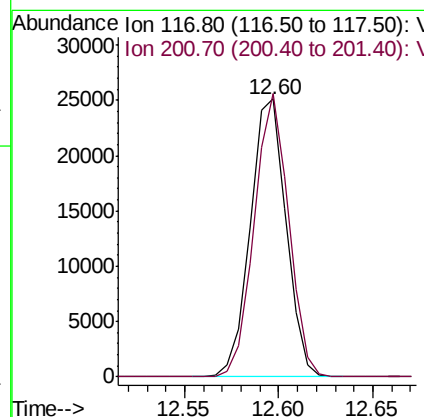
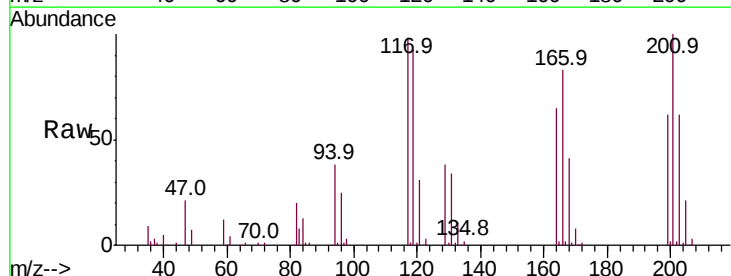
RT: 12.60 min Scan# 1877

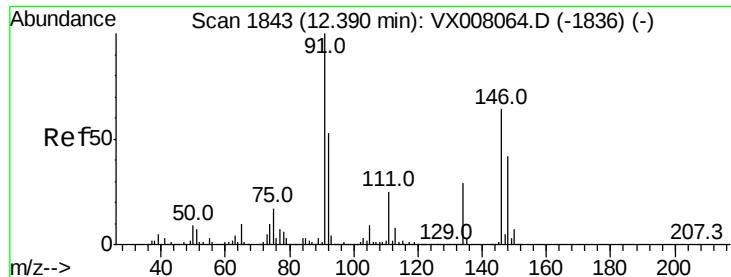
Delta R.T. 0.00 min

Lab File: VX008079.D

Acq: 14 Mar 2019 19:47

Tgt Ion:	117	Resp:	33166
Ion Ratio	Lower	Upper	
117	100		
201	97.1	48.9	146.7





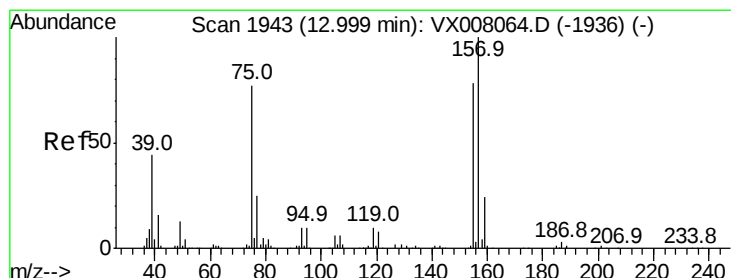
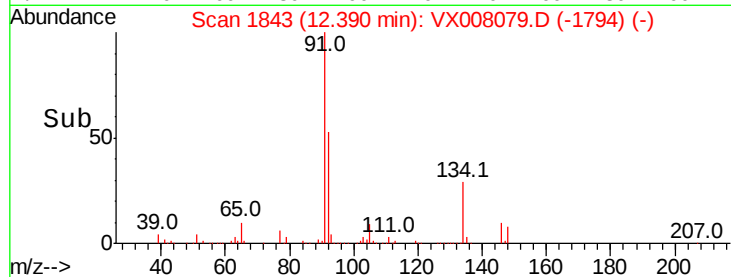
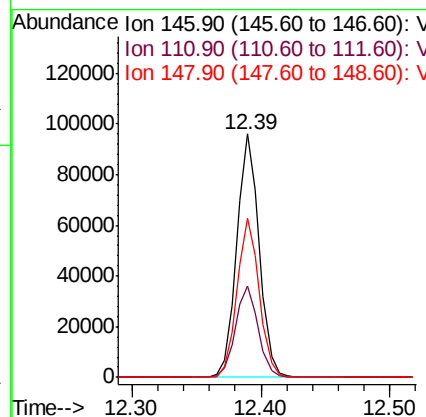
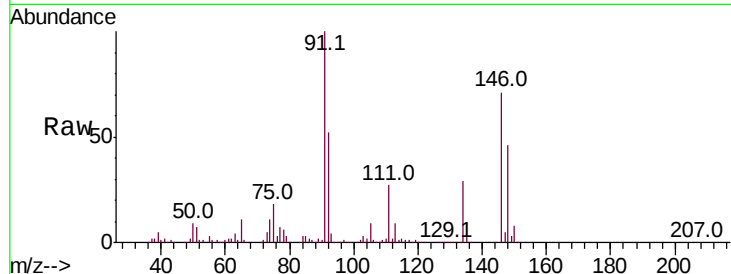
#91
 1,2-Dichlorobenzene
 Concen: 19.663 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.6	58.8
148	64.5	31.9	95.5

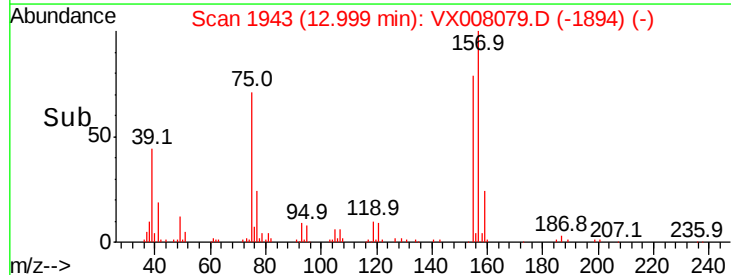
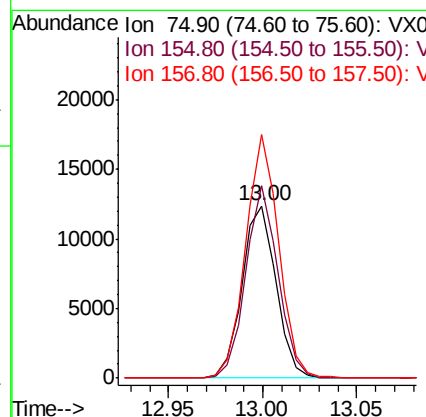
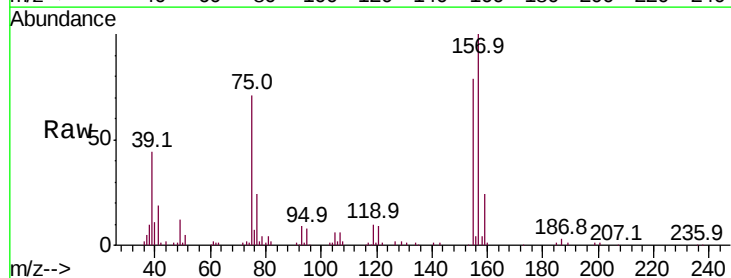
Manual Integrations
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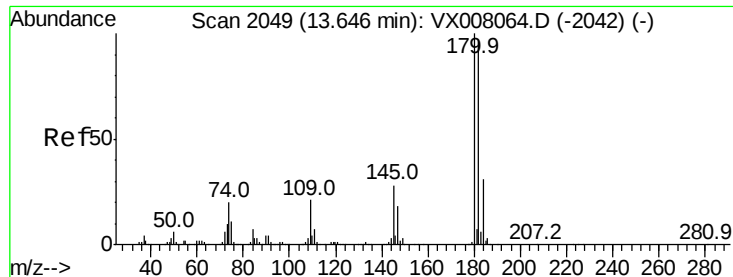
MMDadoda
 3/15/2019 9:06:23 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.865 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	106.2	49.7	149.1
157	137.8	63.8	191.4





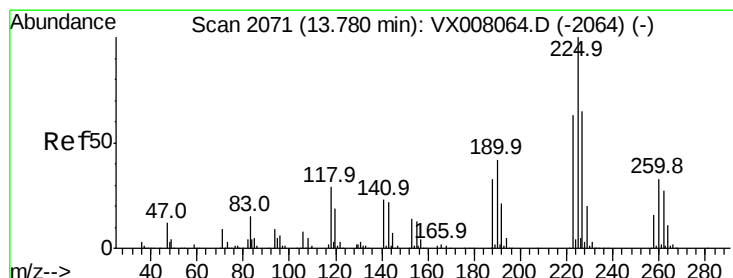
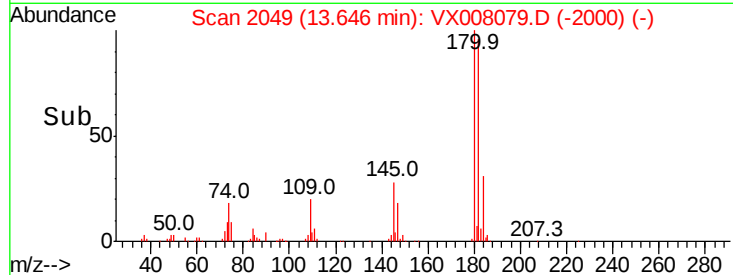
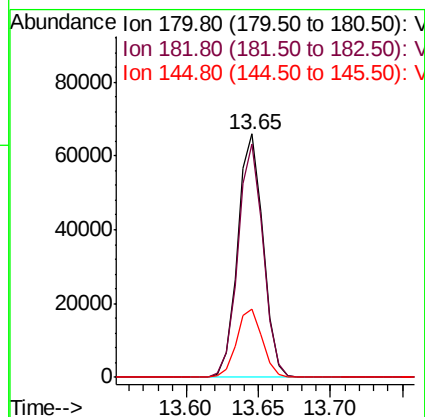
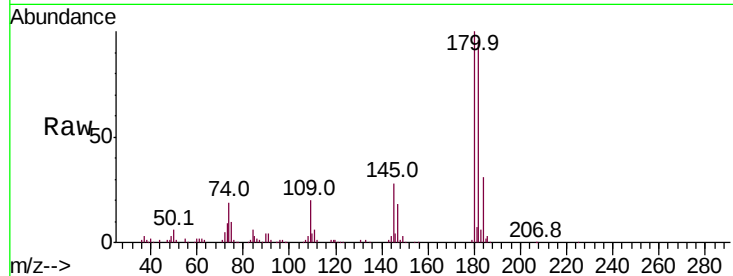
#93
 1,2,4-Trichlorobenzene
 Concen: 19.290 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0314WBS02

Tot Ion:	180	Resp:	81255
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.9	143.7
145	28.2	14.1	42.4

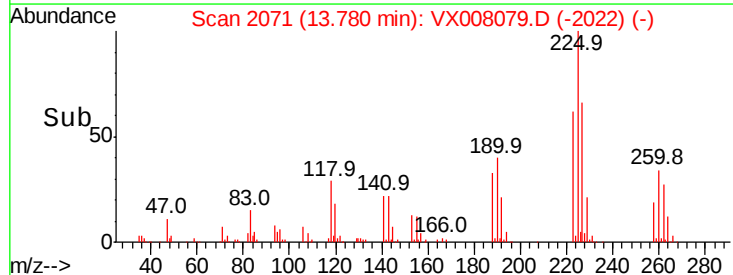
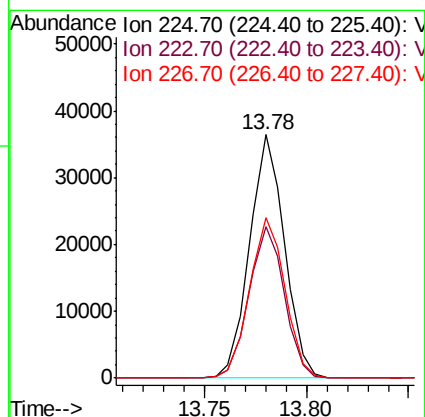
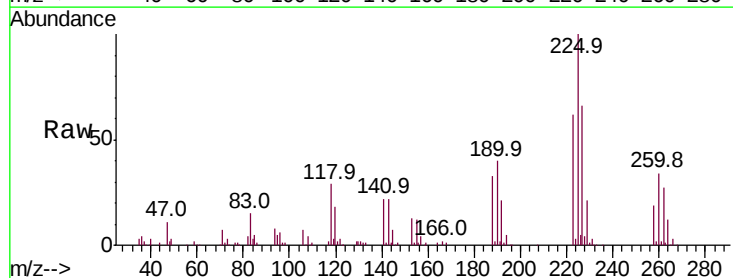
Manual Integrations
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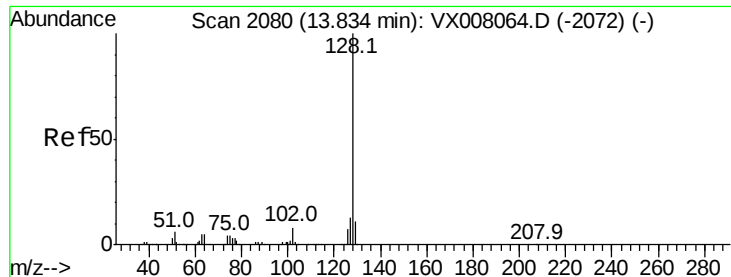
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 3/15/2019 9:06:23 AM



#94
 Hexachlorobutadiene
 Concen: 18.922 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX008079.D
 Acq: 14 Mar 2019 19:47

Tgt Ion:	225	Resp:	43303
Ion Ratio	Lower	Upper	
225	100		
223	63.2	31.1	93.2
227	66.8	32.0	96.0





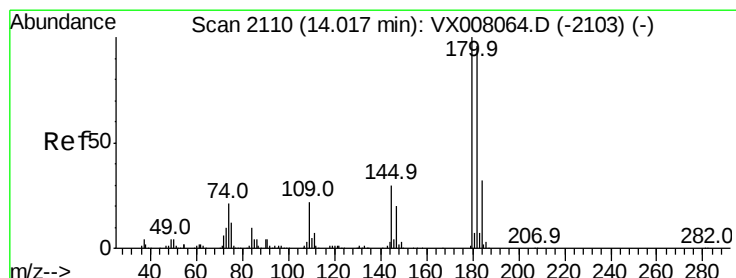
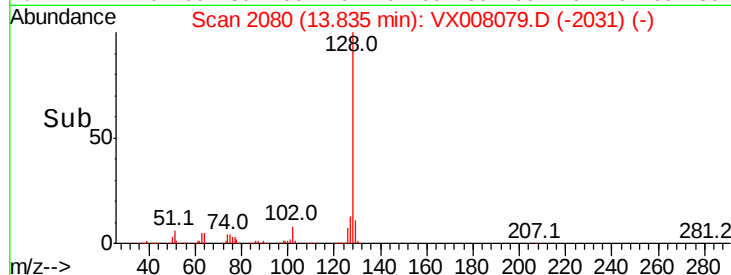
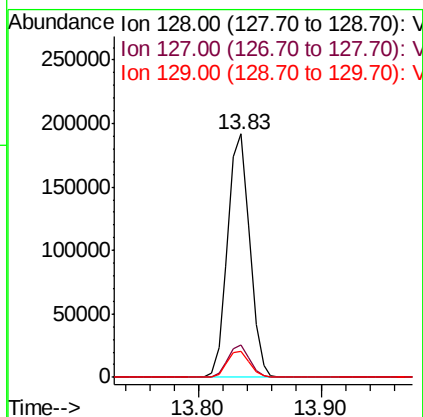
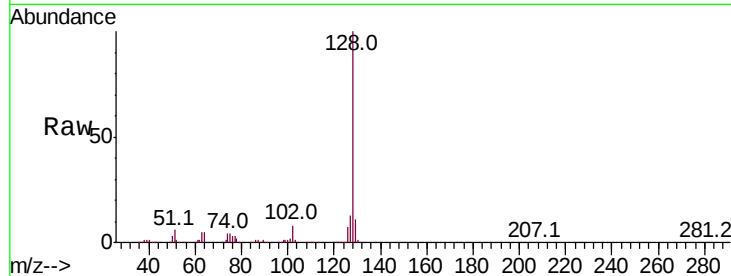
#95
Naphthalene
Concen: 20.212 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Instrument :
MSVOA_X
ClientSampleId :
VX0314WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	239390		
127	12.9	10.3	15.5	
129	10.9	8.7	13.1	

Manual Integrations
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3/15/2019 9:06:23 AM



#96
1,2,3-Trichlorobenzene
Concen: 19.478 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX008079.D
Acq: 14 Mar 2019 19:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	80770		
182	96.9	47.5	142.5	
145	30.0	14.8	44.3	

