

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031419\
 Data File : VX008067.D
 Acq On : 14 Mar 2019 13:17
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Manual Integrations
 APPROVED

MMDadoda
 3/15/2019 9:07:11 AM

Quant Time: Mar 15 04:19:01 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	5.66	168	328995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	460125	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	408464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	218772	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152594	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.50	113	140815	48.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.52%	
50) Toluene-d8	8.71	98	533710	48.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.18%	
62) 4-Bromofluorobenzene	11.13	95	194893	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142347	54.052	ug/l	99
3) Chloromethane	1.33	50	157010	50.636	ug/l	99
4) Vinyl Chloride	1.41	62	147220	49.759	ug/l	98
5) Bromomethane	1.64	94	79604	55.580	ug/l	99
6) Chloroethane	1.72	64	83394	52.393	ug/l	99
7) Trichlorofluoromethane	1.93	101	180268	50.766	ug/l	98
8) Diethyl Ether	2.19	74	97300	55.122	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148003	55.767	ug/l	98
10) Methyl Iodide	2.51	142	168209	45.369	ug/l	98
11) Tert butyl alcohol	3.07	59	168187	262.312	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136988	54.611	ug/l	93
13) Acrolein	2.29	56	138525	234.549	ug/l	100
14) Allyl chloride	2.73	41	246957	54.052	ug/l	97
15) Acrylonitrile	3.15	53	412012	263.525	ug/l	100
16) Acetone	2.45	43	428709	273.626	ug/l	98
17) Carbon Disulfide	2.57	76	418186	58.062	ug/l	100
18) Methyl Acetate	2.78	43	185450	54.764	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	457776	53.977	ug/l	99
20) Methylene Chloride	2.85	84	146369	52.307	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	144737	53.553	ug/l	94
22) Diisopropyl ether	3.87	45	476526	52.482	ug/l	98
23) Vinyl Acetate	3.82	43	2085531	270.074	ug/l	98
24) 1,1-Dichloroethane	3.70	63	266079	53.459	ug/l	99
25) 2-Butanone	4.70	43	628286	261.252	ug/l	96
26) 2,2-Dichloropropane	4.59	77	207007	54.440	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	168144	52.338	ug/l	97
28) Bromochloromethane	5.01	49	124805	53.092	ug/l	93
29) Tetrahydrofuran	5.15	42	387980	258.434	ug/l	96
30) Chloroform	5.21	83	261055	51.780	ug/l	98
31) Cyclohexane	5.57	56	260145	54.823	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	228486	53.803	ug/l	97
36) 1,1-Dichloropropene	5.80	75	206946	54.671	ug/l	99
37) Ethyl Acetate	4.85	43	221825	54.525	ug/l	98
38) Carbon Tetrachloride	5.78	117	202097	55.467	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	272743	56.370	ug/l	100
40) Benzene	6.14	78	622610	53.690	ug/l	100
41) Methacrylonitrile	5.06	41	125634	53.040	ug/l	98
42) 1,2-Dichloroethane	6.20	62	195518	52.705	ug/l	99
43) Isopropyl Acetate	6.45	43	354733	54.142	ug/l	98
44) Trichloroethene	7.21	130	176791	52.825	ug/l	96
45) 1,2-Dichloropropane	7.51	63	161329	52.734	ug/l	100
46) Dibromomethane	7.66	93	102387	53.396	ug/l	98
47) Bromodichloromethane	7.90	83	192372	52.752	ug/l	98
48) Methyl methacrylate	7.77	41	181490	53.038	ug/l	97
49) 1,4-Dioxane	7.74	88	76549	1037.213	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1098365	254.363	ug/l	98
52) Toluene	8.78	92	389692	52.866	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	225688	56.455	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	248008	55.822	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	155305	51.744	ug/l	98
56) Ethyl methacrylate	9.18	69	239786	54.085	ug/l	96
57) 1,3-Dichloropropane	9.37	76	256473	51.634	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	667906	256.075	ug/l	97
59) 2-Hexanone	9.49	43	855026	253.188	ug/l	98
60) Dibromochloromethane	9.58	129	166168	53.717	ug/l	100
61) 1,2-Dibromoethane	9.67	107	167413	53.232	ug/l	100
64) Tetrachloroethene	9.34	164	171705	51.882	ug/l	95
65) Chlorobenzene	10.13	112	434781	53.638	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	158285	55.024	ug/l	99
67) Ethyl Benzene	10.25	91	742690	55.356	ug/l	100
68) m/p-Xylenes	10.36	106	576056	112.208	ug/l	100
69) o-Xylene	10.69	106	278568	55.661	ug/l	99
70) Styrene	10.71	104	460788	56.202	ug/l	99
71) Bromoform	10.85	173	134851	56.645	ug/l	100
73) Isopropylbenzene	11.02	105	759707	54.218	ug/l	100
74) N-amyl acetate	10.90	43	303284	51.310	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	230279	50.157	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	225423m	59.331	ug/l	
77) Bromobenzene	11.26	156	202157	52.857	ug/l	97
78) n-propylbenzene	11.36	91	850792	55.344	ug/l	100
79) 2-Chlorotoluene	11.42	91	497063	52.945	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	635726	55.059	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	74529	55.820	ug/l	95
82) 4-Chlorotoluene	11.51	91	577653	53.722	ug/l	99
83) tert-Butylbenzene	11.77	119	647231	55.937	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	662137	55.595	ug/l	99
85) sec-Butylbenzene	11.94	105	786909	57.081	ug/l	99
86) p-Isopropyltoluene	12.06	119	717728	57.566	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	370436	54.422	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	372349	53.871	ug/l	100
89) n-Butylbenzene	12.38	91	613828	58.838	ug/l	99
90) Hexachloroethane	12.60	117	114643	57.454	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	363410	53.812	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	51102	55.053	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	273971	57.271	ug/l	100
94) Hexachlorobutadiene	13.78	225	144427	55.569	ug/l	99
95) Naphthalene	13.83	128	782138	58.146	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	270009	57.335	ug/l	100

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

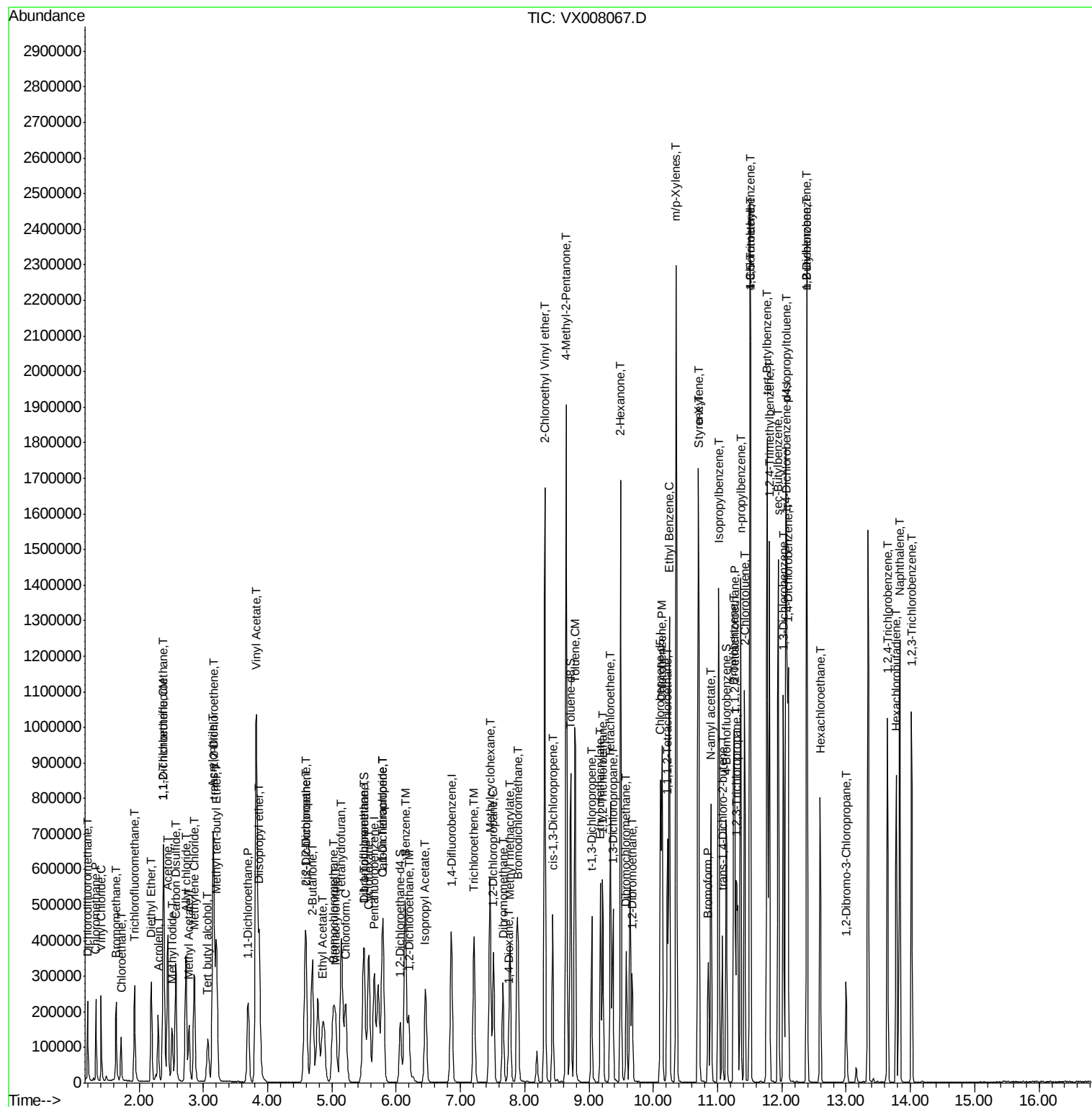
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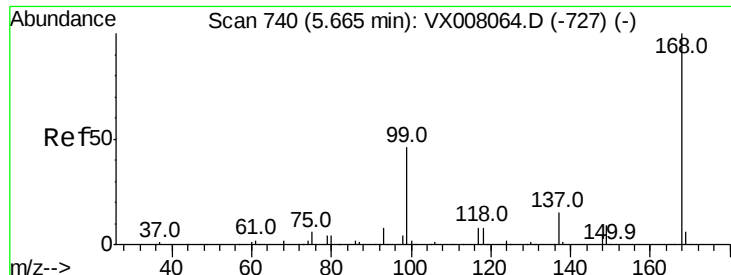
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion:168 Resp: 328995

Ion Ratio Lower Upper

168 100

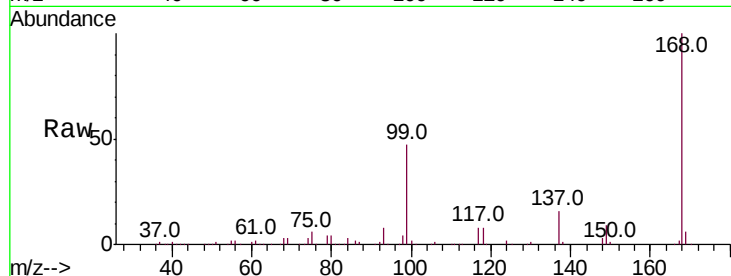
99 46.8 37.6 56.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

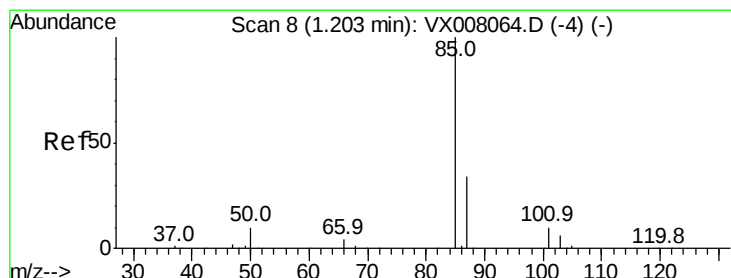
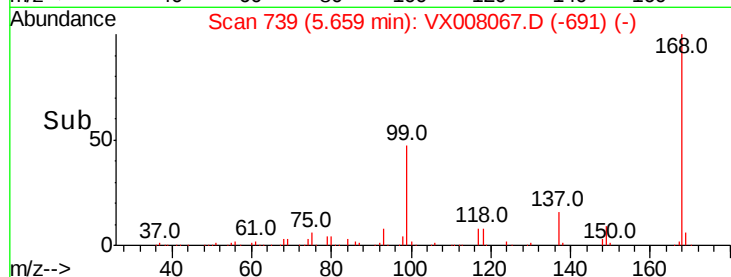
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 54.052 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.01 min

Lab File: VX008067.D

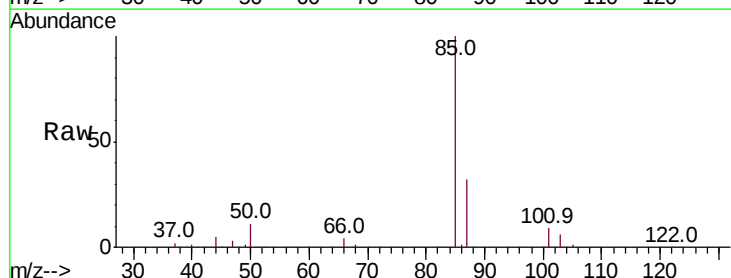
Acq: 14 Mar 2019 13:17

Tgt Ion: 85 Resp: 142347

Ion Ratio Lower Upper

85 100

87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

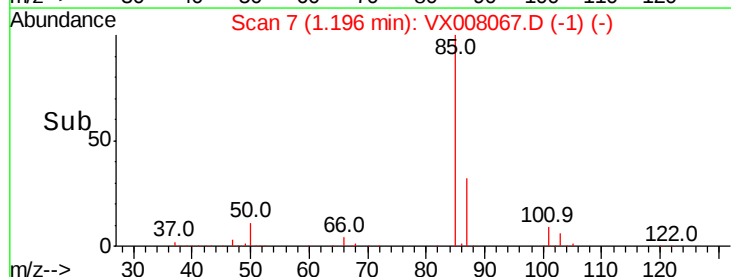
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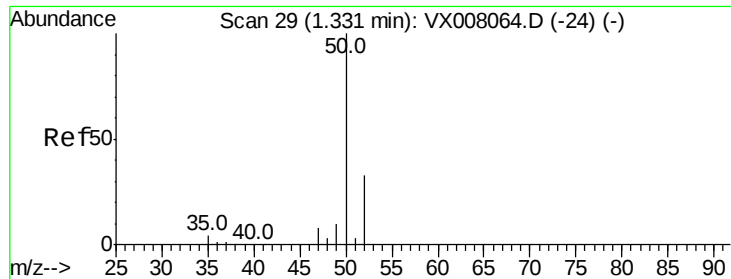
100000

50000

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Time-->





#3

Chloromethane

Concen: 50.636 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 50 Resp: 157010

Ion Ratio Lower Upper

50 100

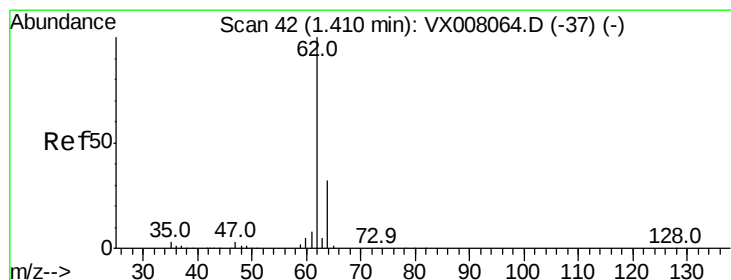
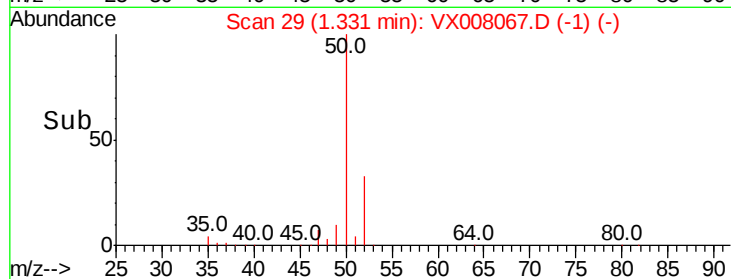
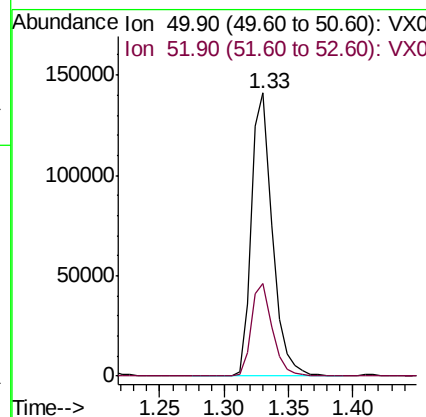
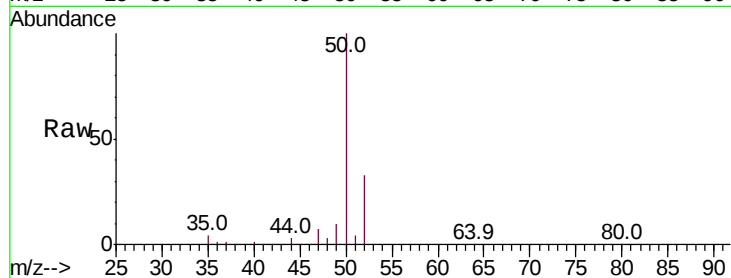
52 32.5 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.759 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008067.D

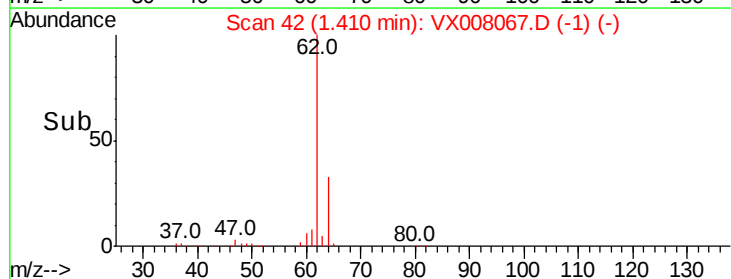
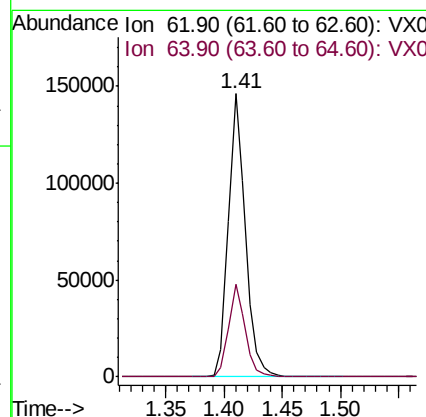
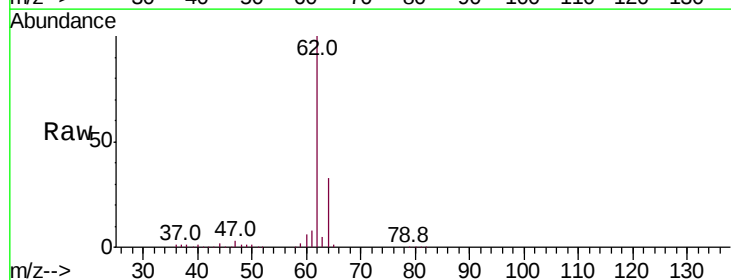
Acq: 14 Mar 2019 13:17

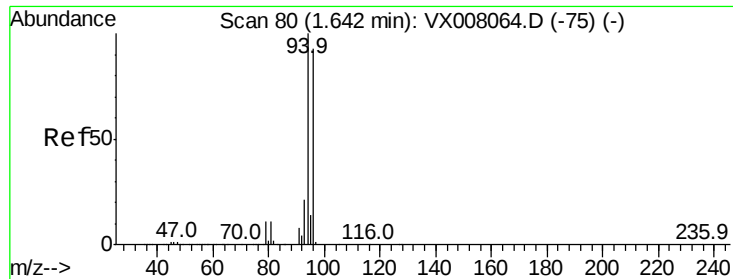
Tgt Ion: 62 Resp: 147220

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 55.580 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

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ClientSampleId :

ICVVX031419

Tot Ion: 94 Resp: 79604

Ion Ratio Lower Upper

94 100

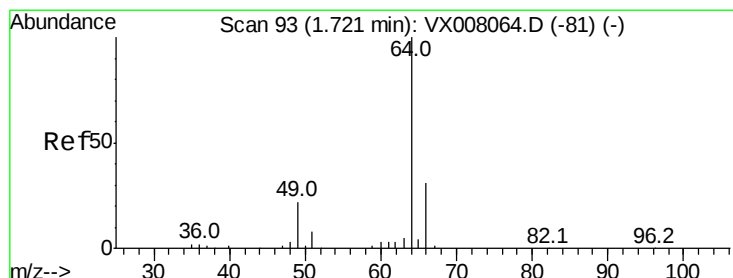
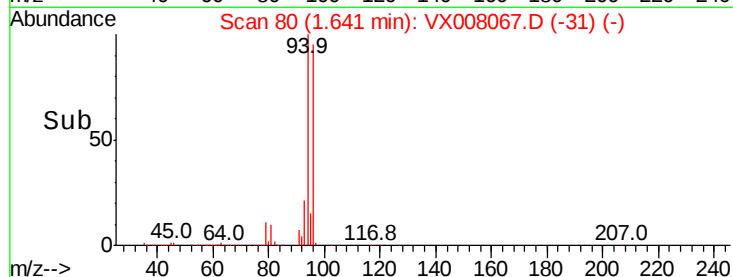
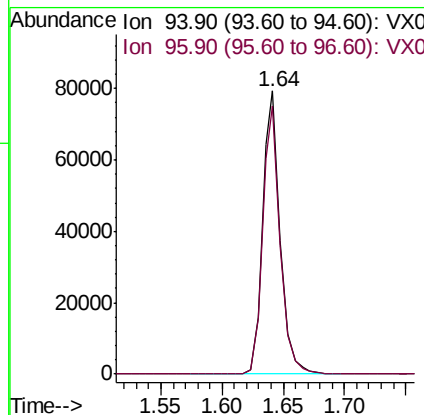
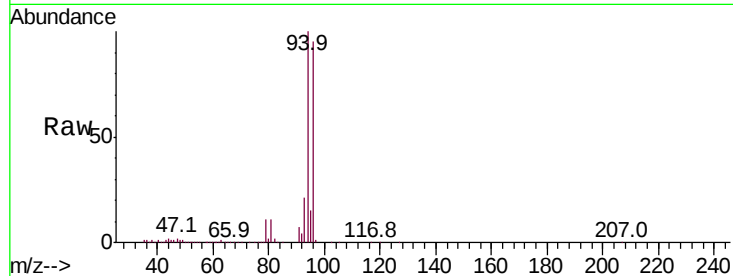
96 94.9 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 52.393 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX008067.D

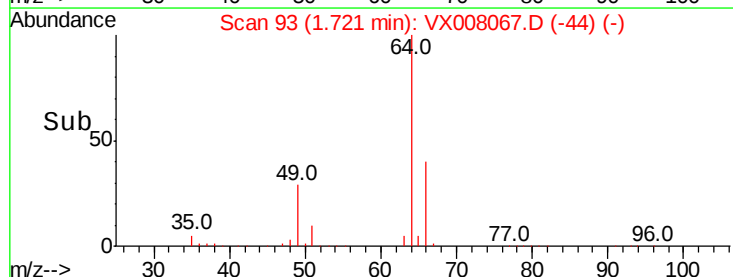
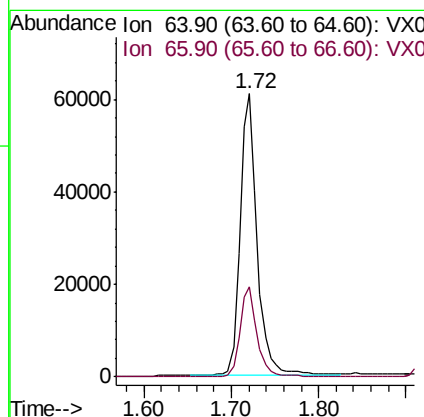
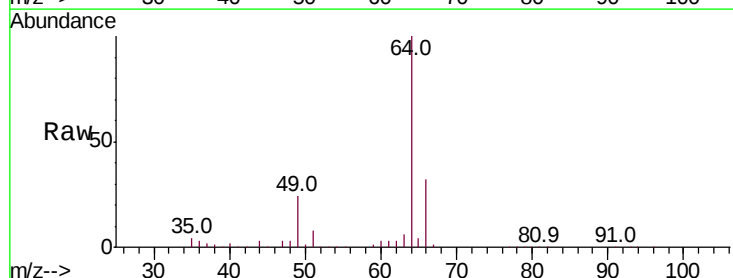
Acq: 14 Mar 2019 13:17

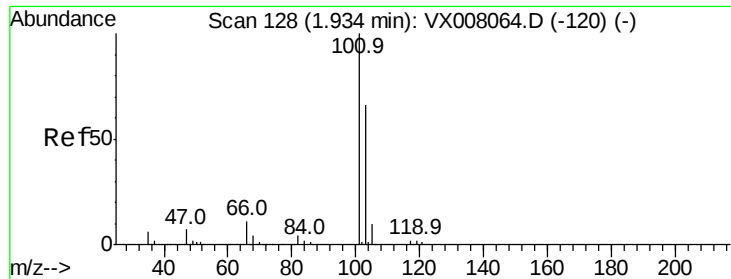
Tgt Ion: 64 Resp: 83394

Ion Ratio Lower Upper

64 100

66 31.9 25.2 37.8





#7

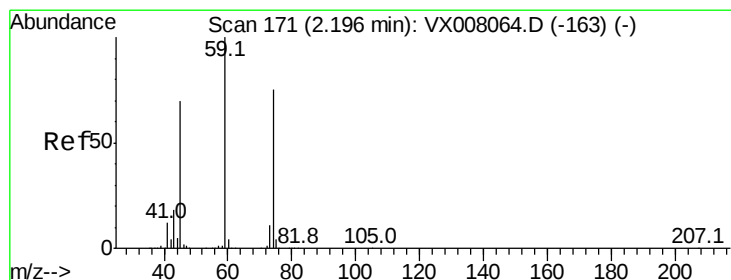
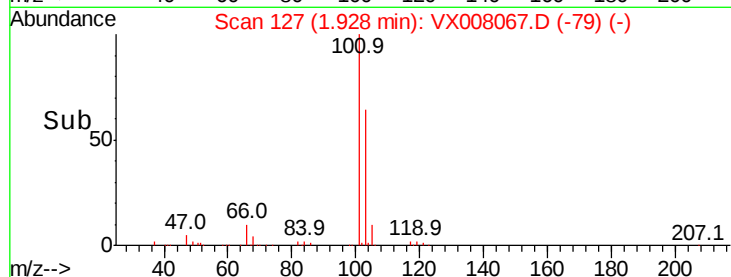
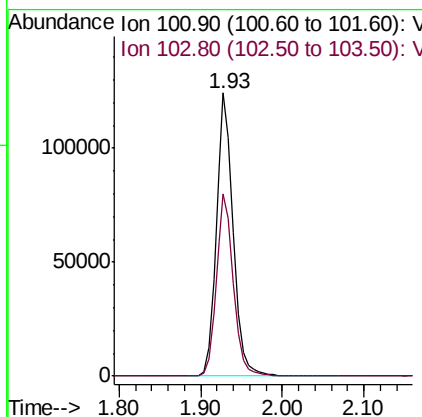
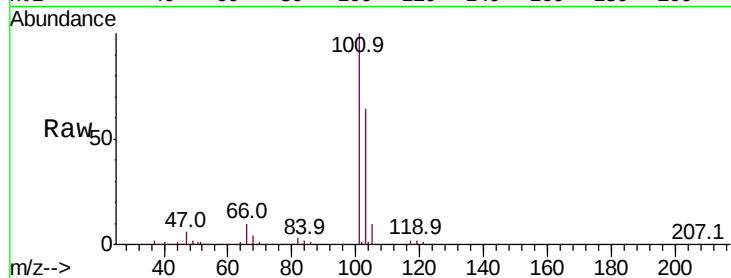
Trichlorofluoromethane
Concen: 50.766 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.4	75.6

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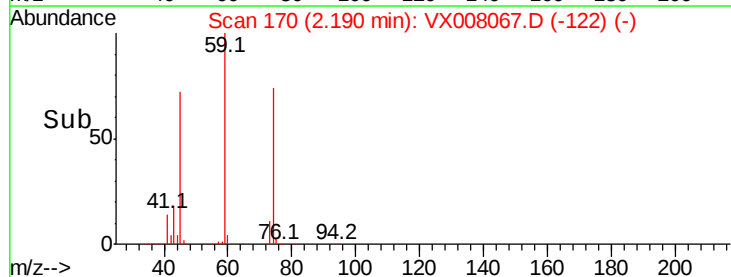
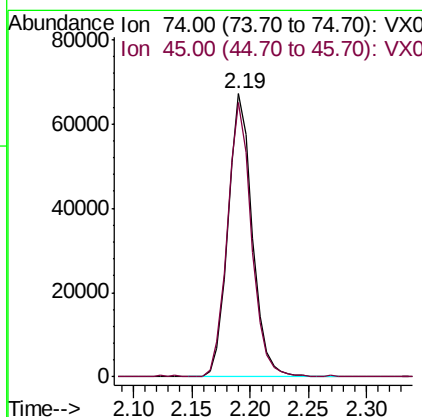
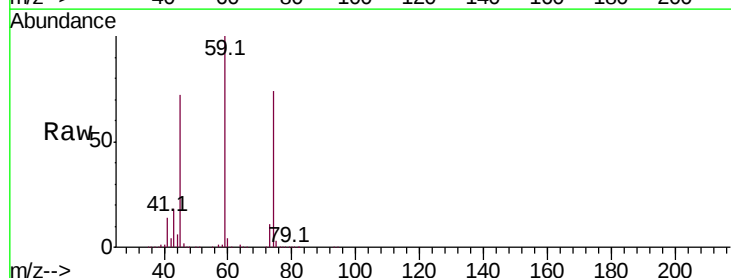
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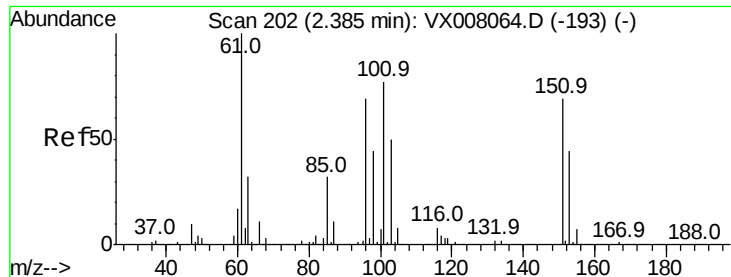


#8

Diethyl Ether
Concen: 55.122 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	52.1	156.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.767 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

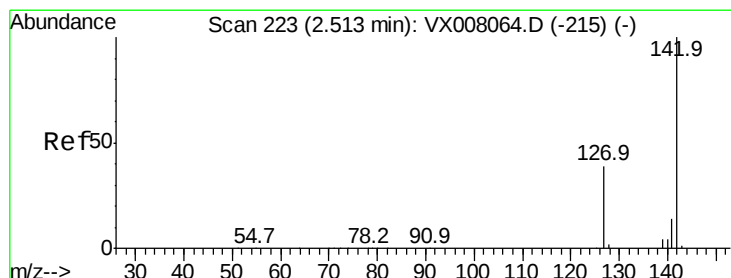
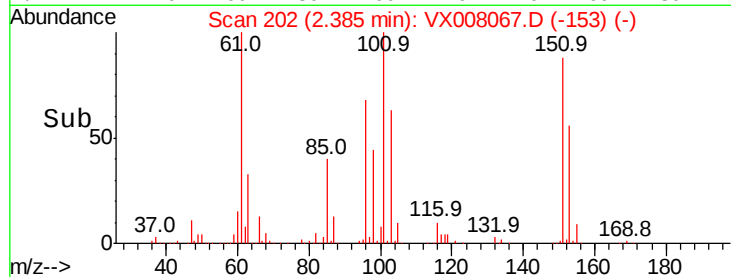
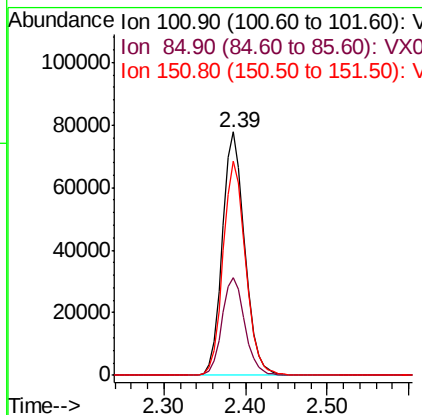
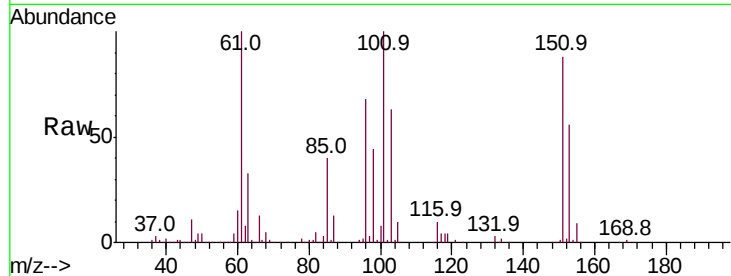
ClientSampleId :

ICVVX031419

Tot Ion:	101	Resp:	148003
Ion Ratio	Lower	Upper	
101	100		
85	40.9	33.8	50.6
151	88.1	69.1	103.7

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#10

Methyl Iodide

Concen: 45.369 ug/l

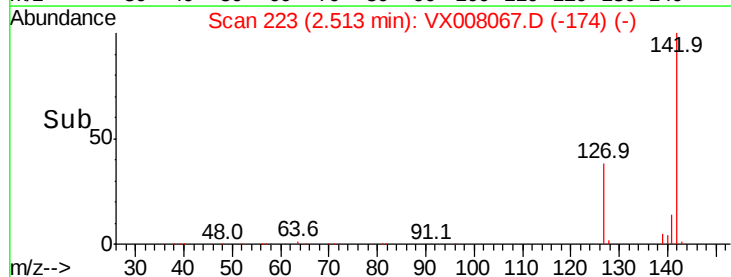
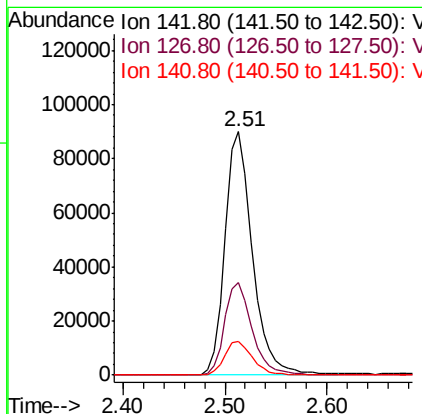
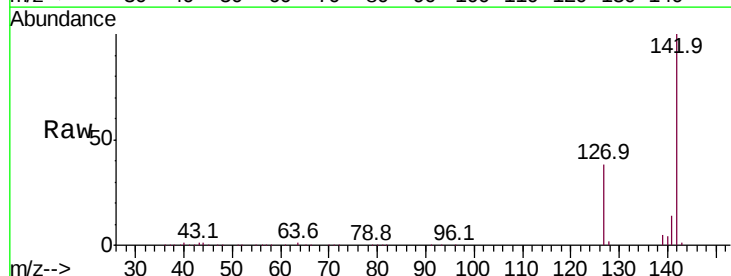
RT: 2.51 min Scan# 223

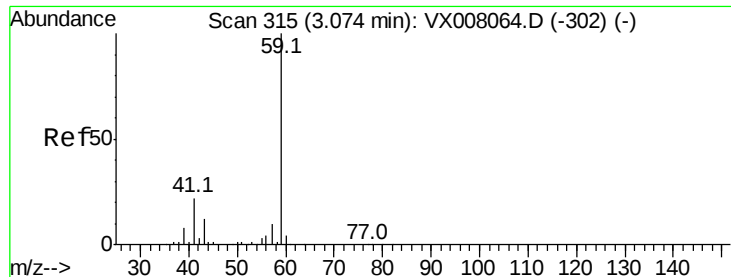
Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion:	142	Resp:	168209
Ion Ratio	Lower	Upper	
142	100		
127	38.4	32.1	48.1
141	14.4	11.4	17.2





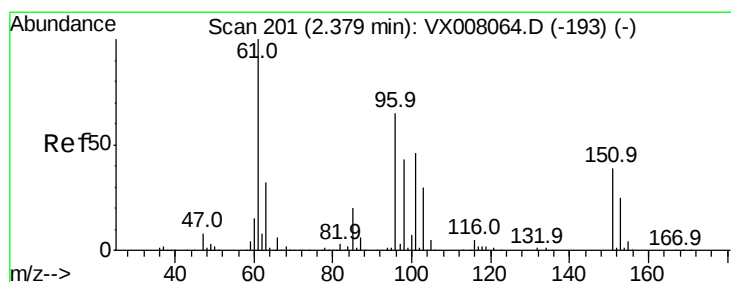
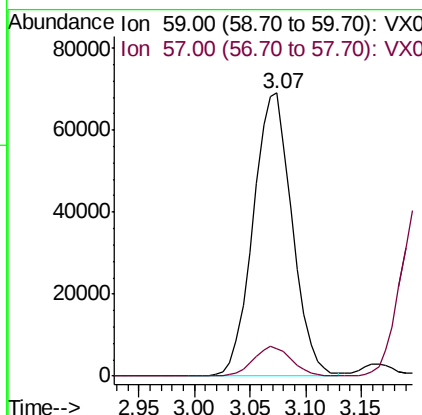
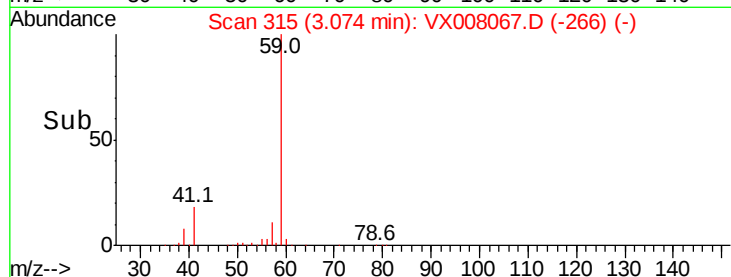
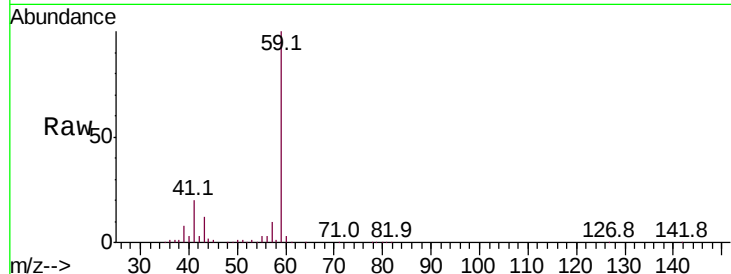
#11
Tert butyl alcohol
Concen: 262.312 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion: 59 Resp: 168187
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

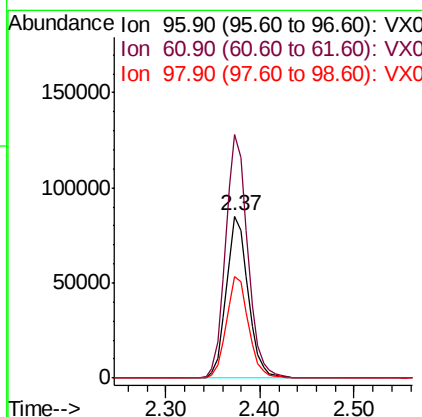
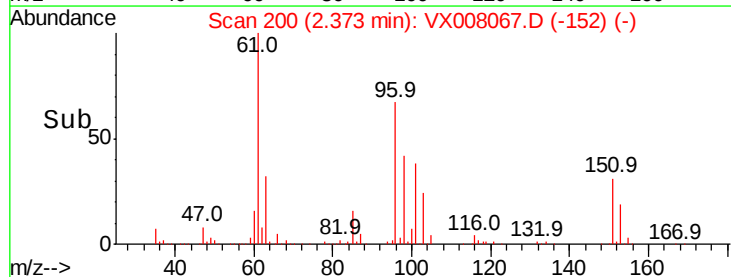
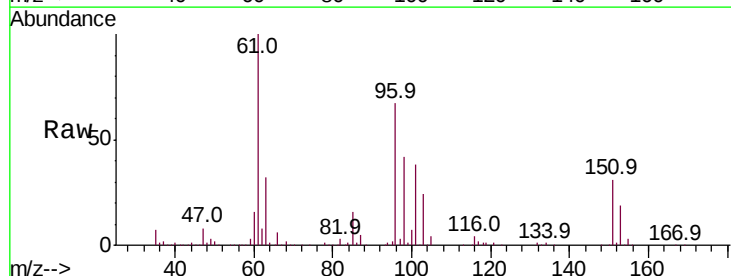
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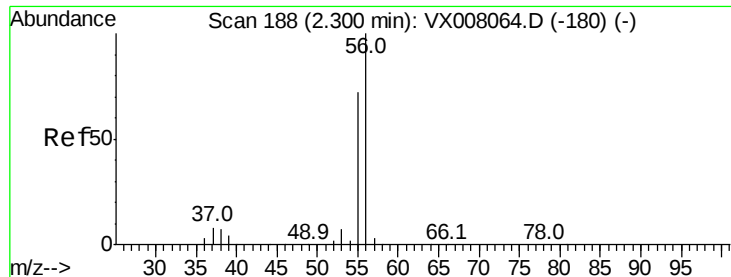
MMDadoda
3/15/2019 9:07:11 AM



#12
1,1-Dichloroethene
Concen: 54.611 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 96 Resp: 136988
Ion Ratio Lower Upper
96 100
61 150.3 129.8 194.6
98 62.5 51.0 76.6





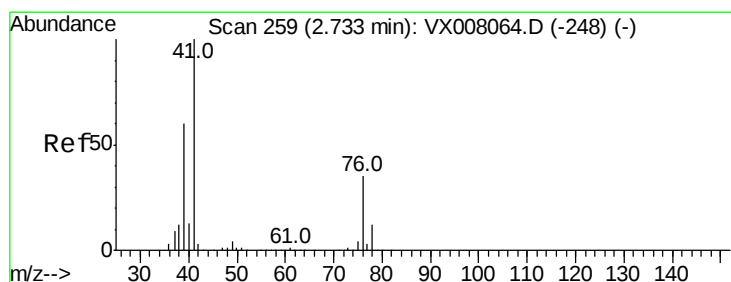
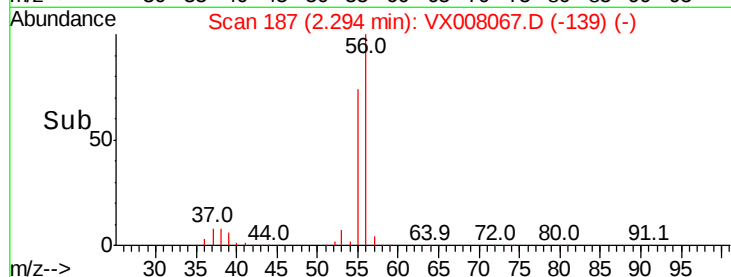
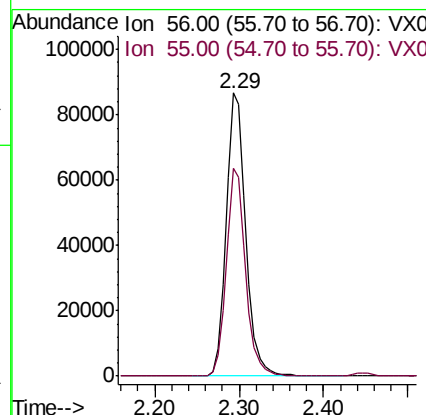
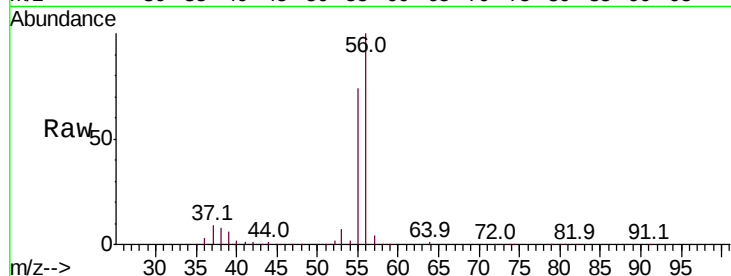
#13
Acrolein
Concen: 234.549 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.5	57.8	86.6

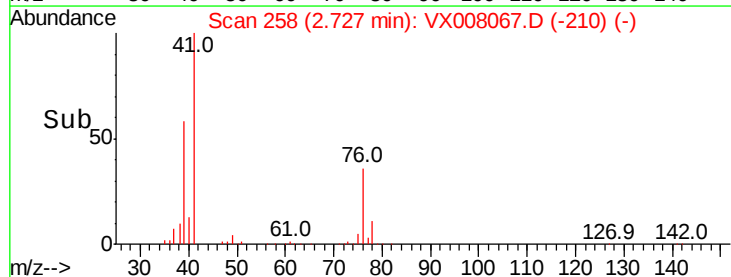
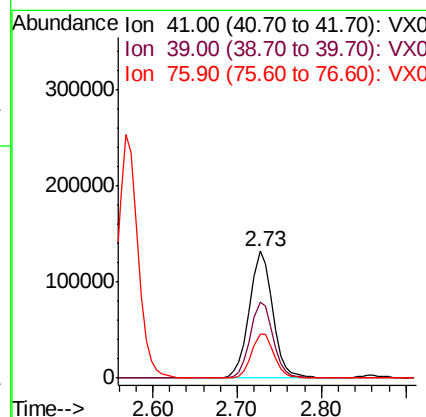
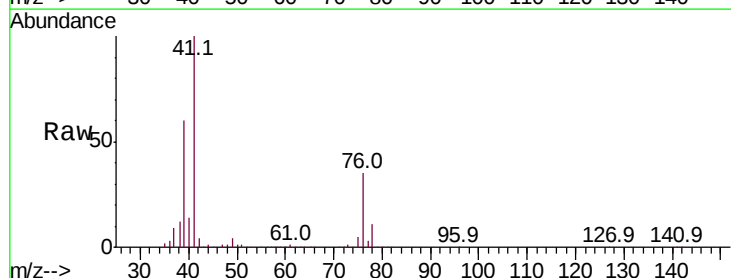
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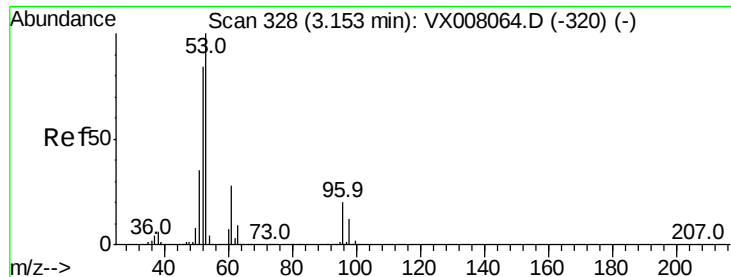
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#14
Allyl chloride
Concen: 54.052 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	46.1	69.1
76	33.7	24.0	36.0





#15

Acrylonitrile

Concen: 263.525 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

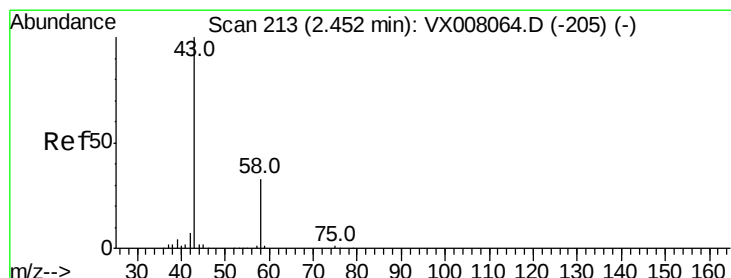
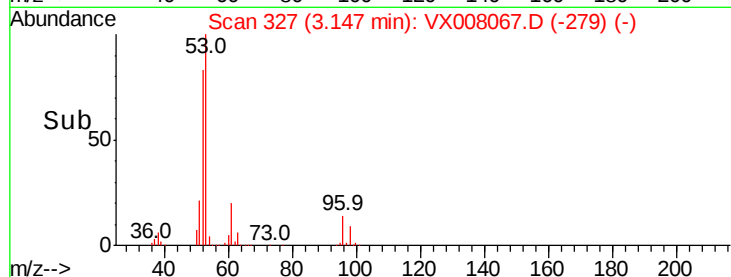
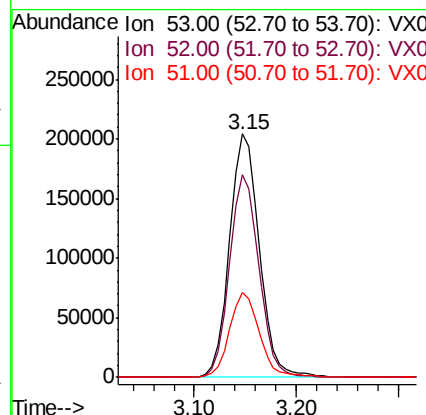
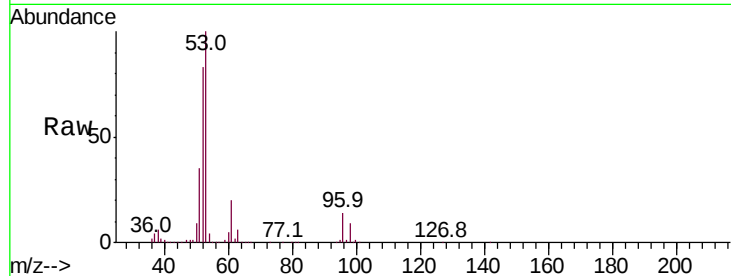
ClientSampleId :

ICVVX031419

Tot Ion:	53	Resp:	412012
Ion Ratio	Lower	Upper	
53	100		
52	82.5	66.0	99.0
51	35.2	28.0	42.0

Manual Integrations
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#16

Acetone

Concen: 273.626 ug/l

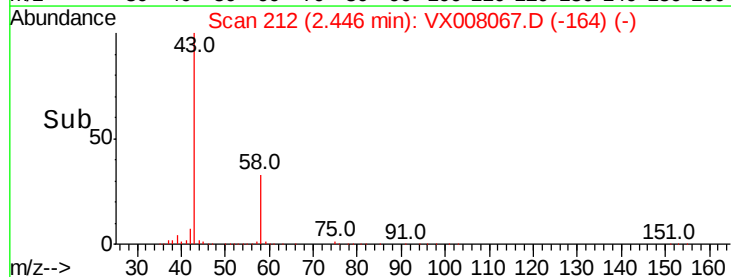
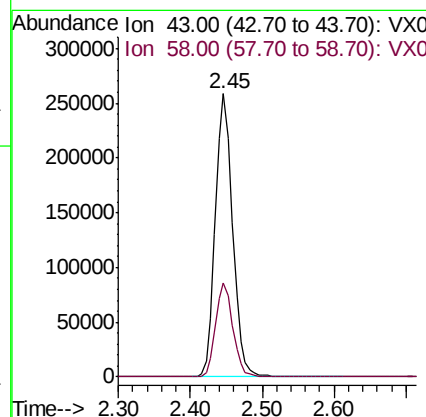
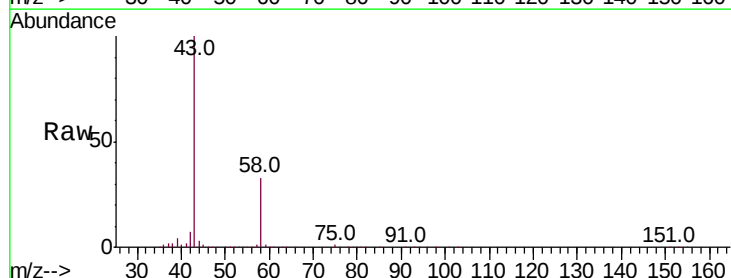
RT: 2.45 min Scan# 212

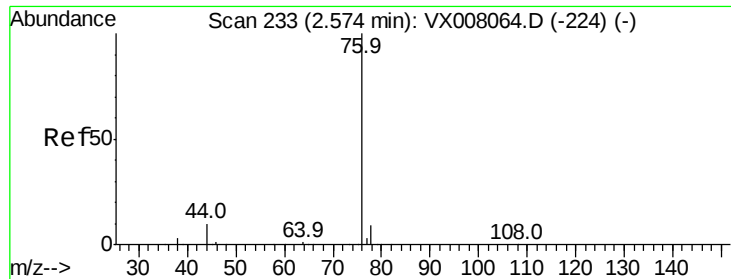
Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion:	43	Resp:	428709
Ion Ratio	Lower	Upper	
43	100		
58	33.1	25.5	38.3





#17

Carbon Disulfide

Concen: 58.062 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 76 Resp: 418186

Ion Ratio Lower Upper

76 100

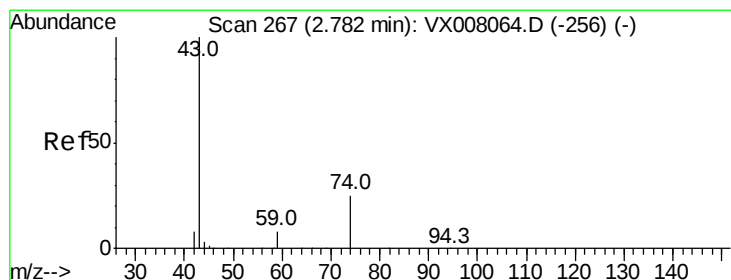
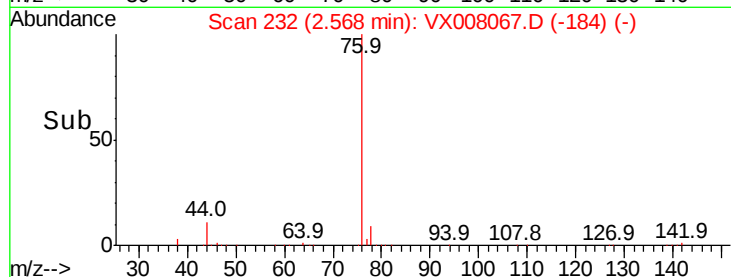
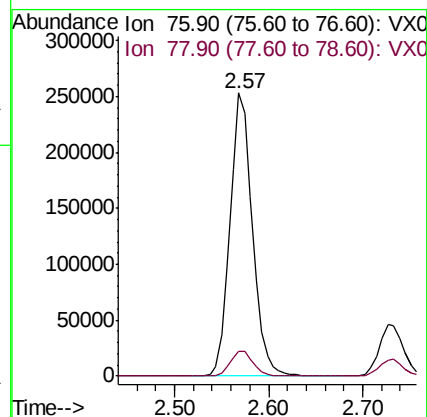
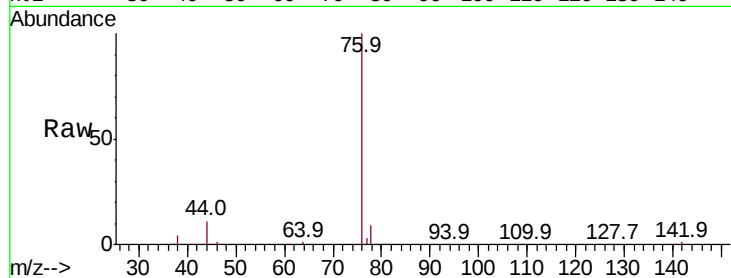
78 8.9 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 54.764 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX008067.D

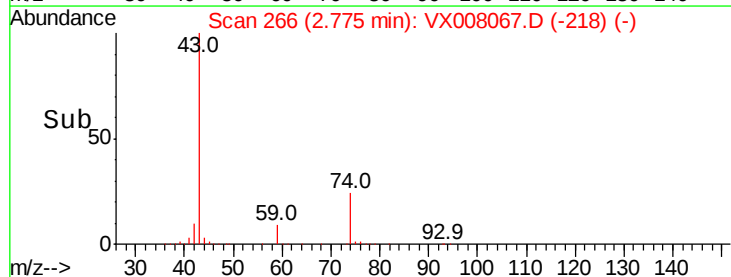
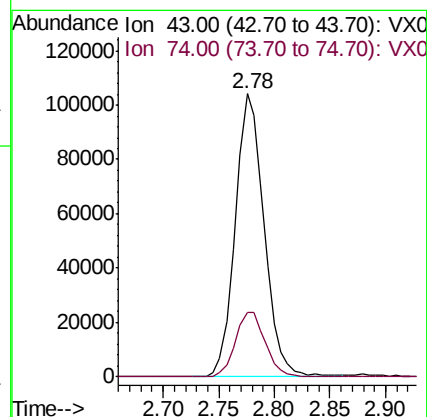
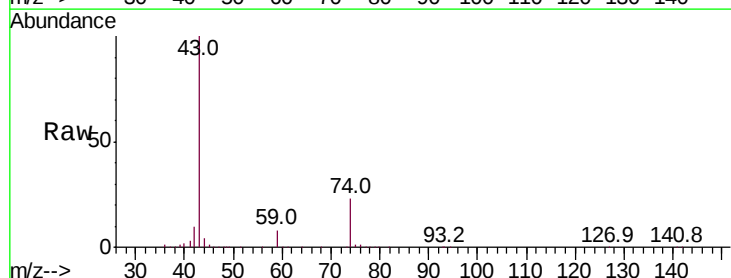
Acq: 14 Mar 2019 13:17

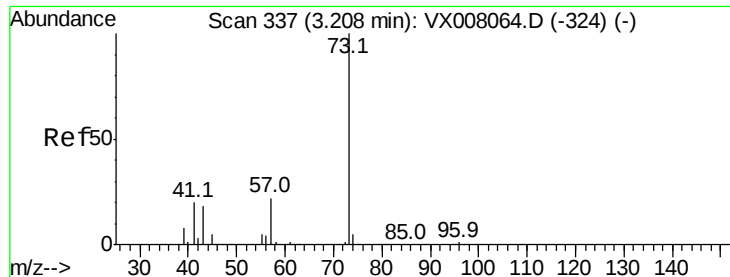
Tgt Ion: 43 Resp: 185450

Ion Ratio Lower Upper

43 100

74 24.2 17.8 26.6





#19

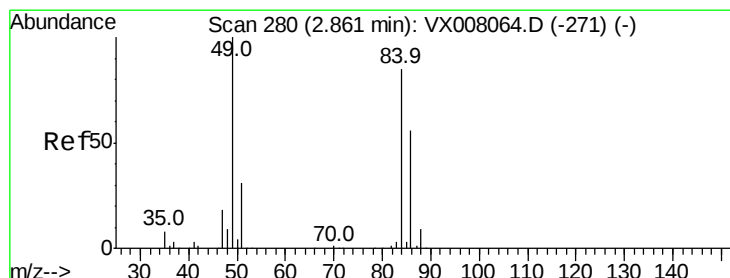
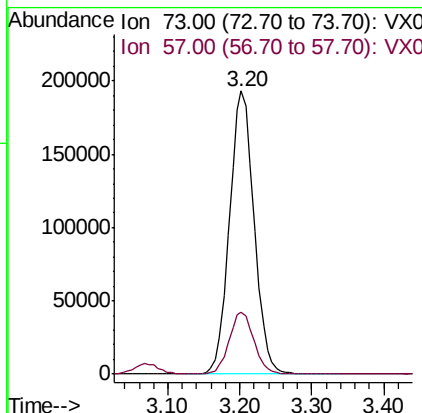
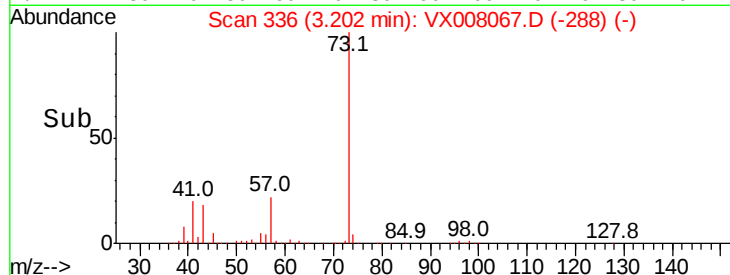
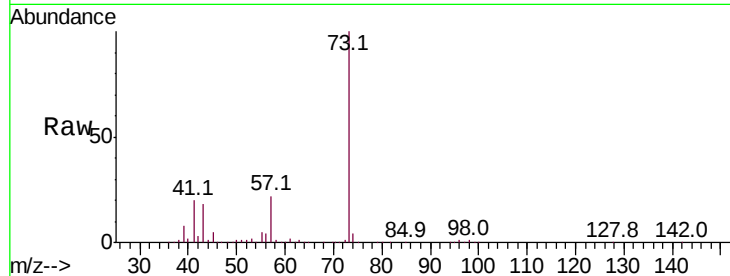
Methyl tert-butyl Ether
 Concen: 53.977 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	18.2	27.4

Manual Integrations
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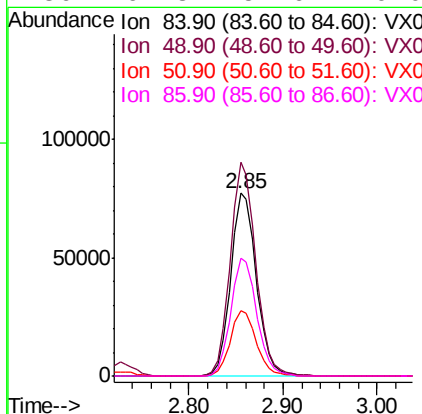
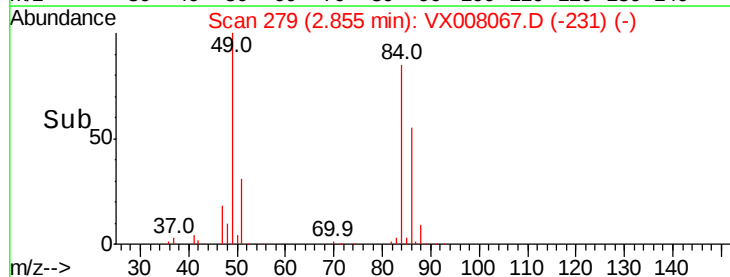
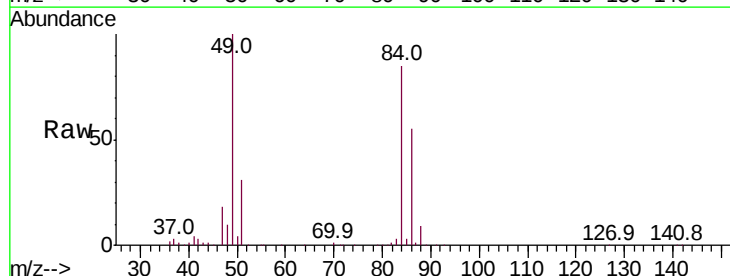
MMDadoda
 3/15/2019 9:07:11 AM

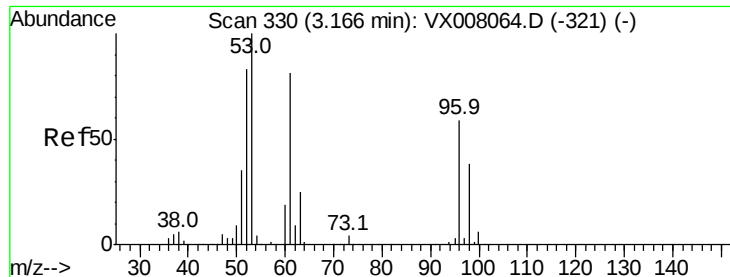


#20

Methylene Chloride
 Concen: 52.307 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.1	99.3	148.9
51	36.0	31.3	46.9
86	64.3	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 53.553 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 96 Resp: 144737

Ion Ratio Lower Upper

96 100

61 131.5 114.4 171.6

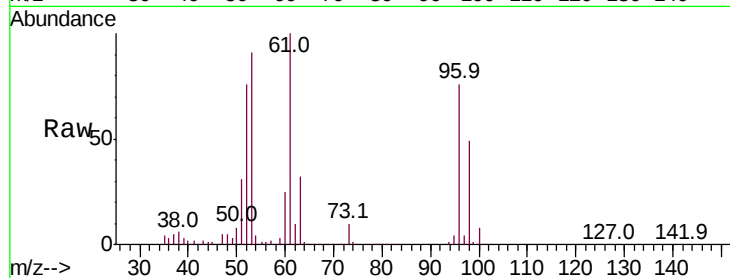
98 64.0 51.1 76.7

Manual Integrations

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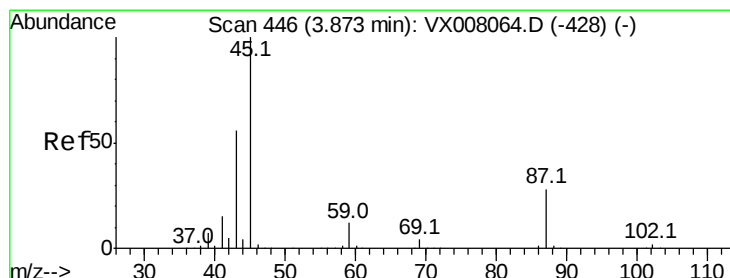
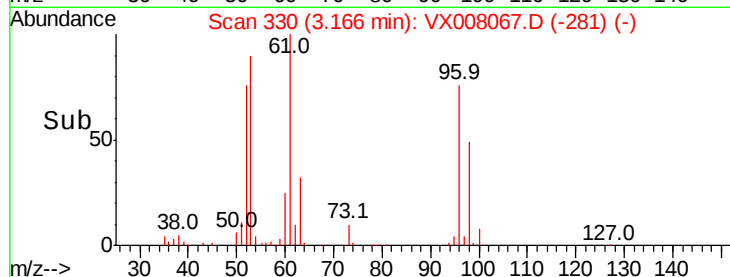
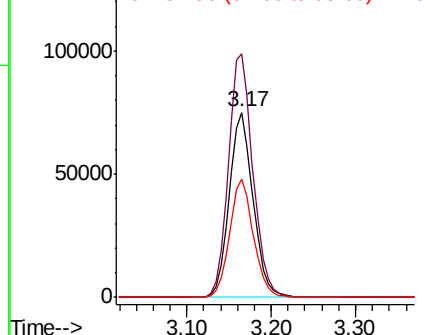
3/15/2019 9:07:11 AM



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: 52.482 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion: 45 Resp: 476526

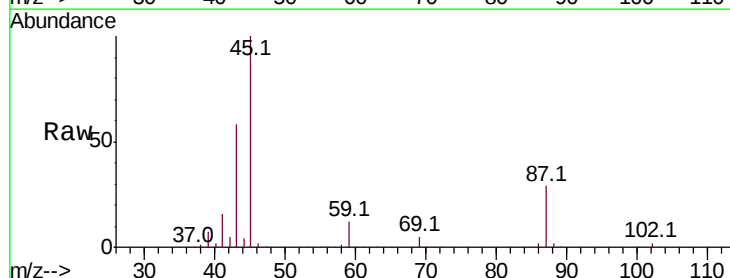
Ion Ratio Lower Upper

45 100

43 57.9 45.3 67.9

87 28.6 21.4 32.0

59 11.7 9.5 14.3

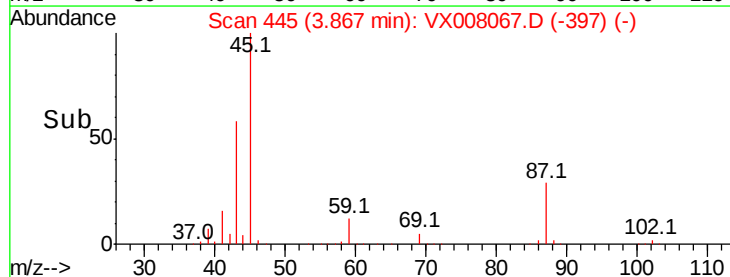
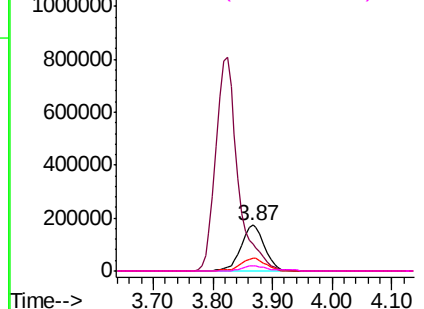


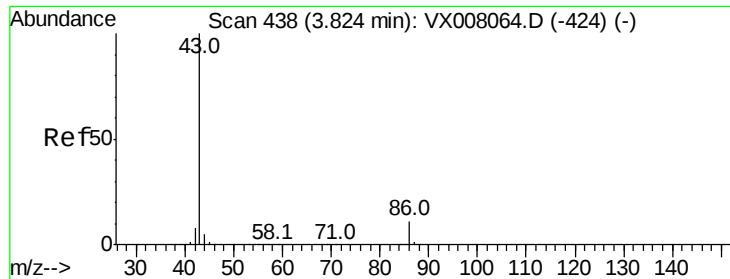
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 270.074 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 43 Resp: 2085531

Ion Ratio Lower Upper

43 100

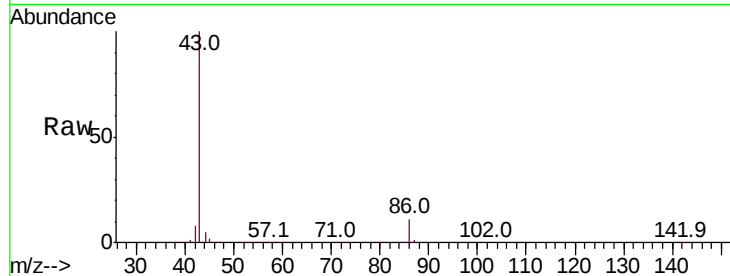
86 10.7 7.9 11.9

Manual Integrations

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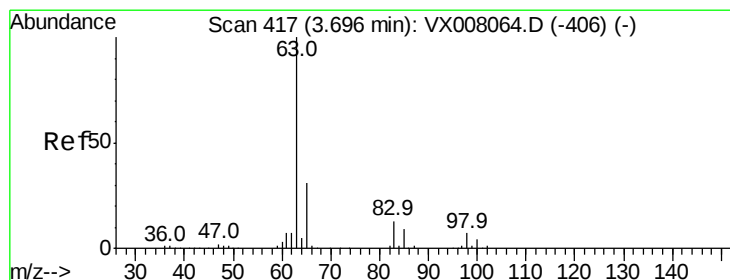
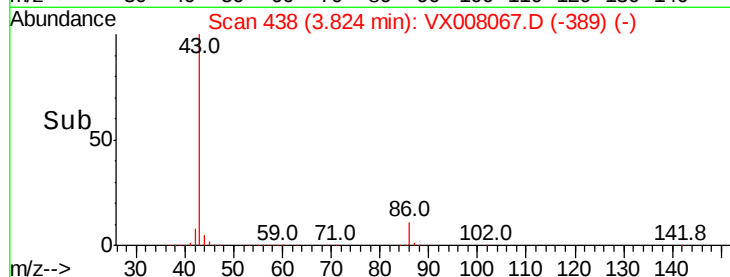
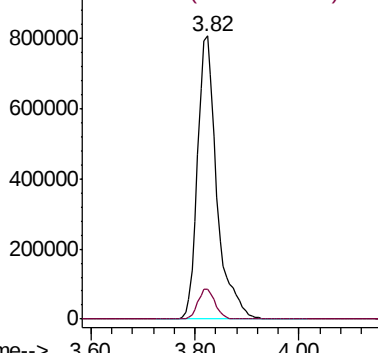
MMDadoda

3/15/2019 9:07:11 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 53.459 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

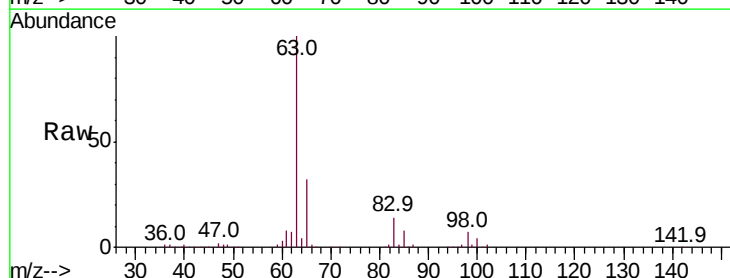
Tgt Ion: 63 Resp: 266079

Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

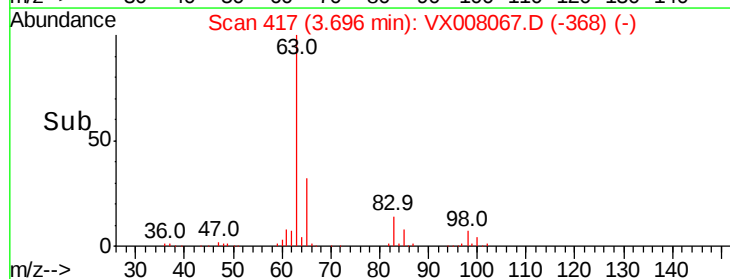
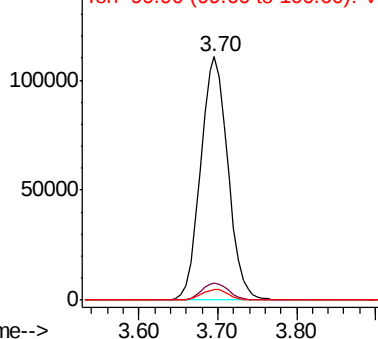
100 4.4 2.3 6.8

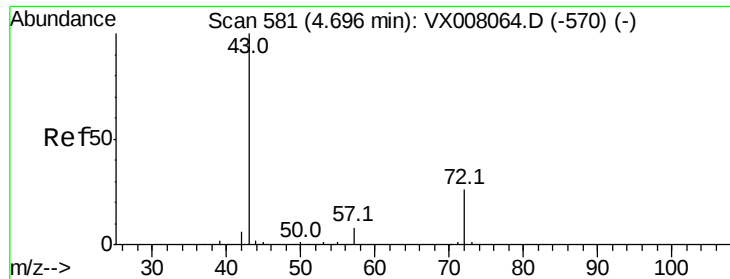


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





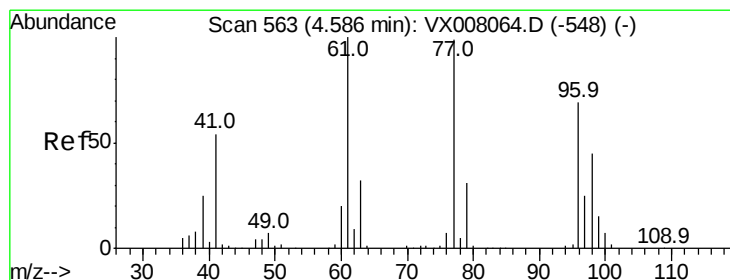
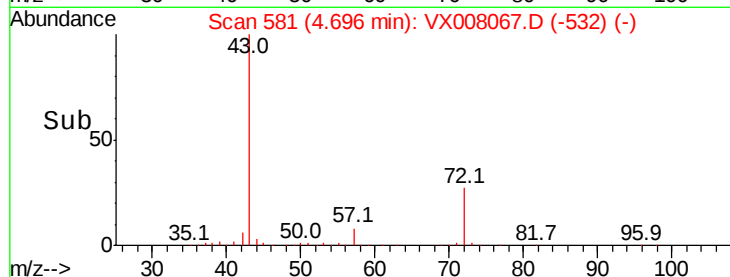
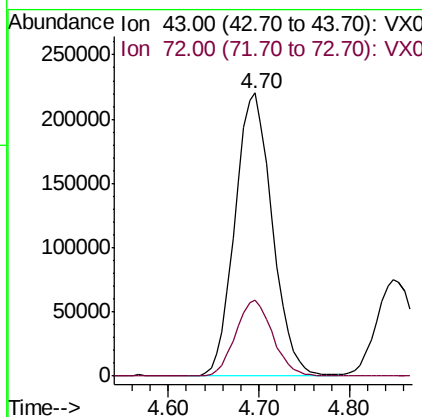
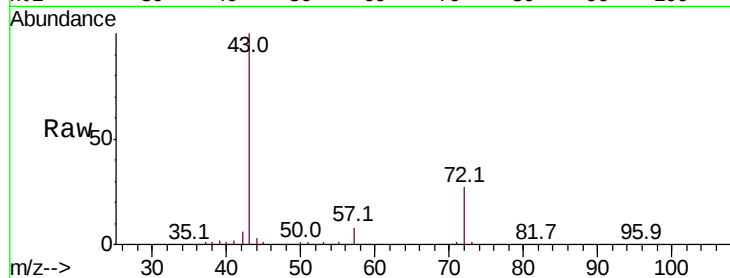
#25
2-Butanone
Concen: 261.252 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion: 43 Resp: 628286
Ion Ratio Lower Upper
43 100
72 26.8 19.9 29.9

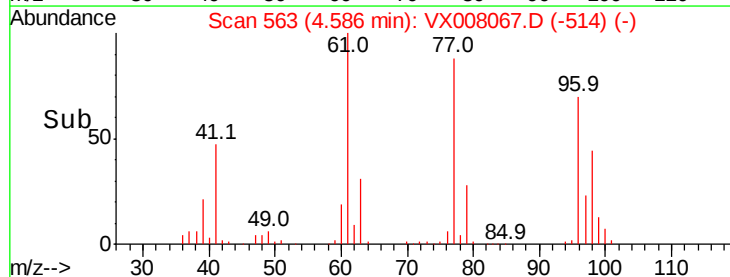
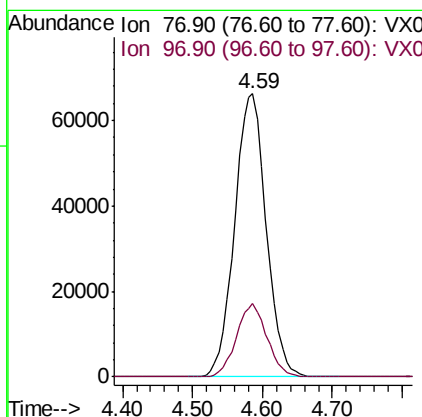
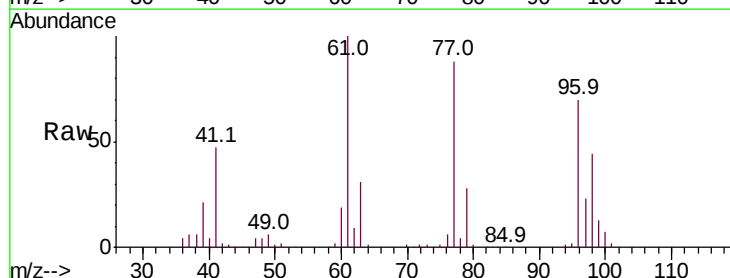
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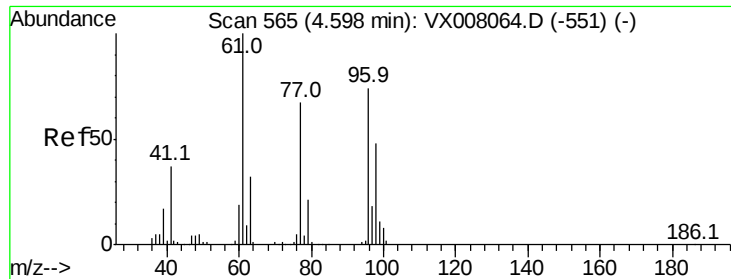
MMDadoda
3/15/2019 9:07:11 AM



#26
2,2-Dichloropropane
Concen: 54.440 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 77 Resp: 207007
Ion Ratio Lower Upper
77 100
97 25.1 12.2 36.6





#27

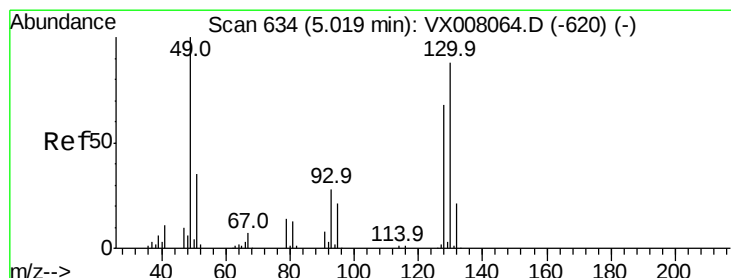
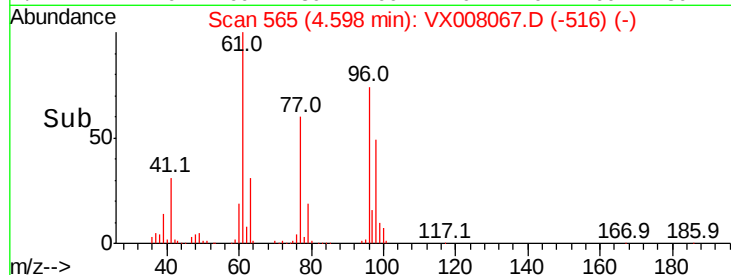
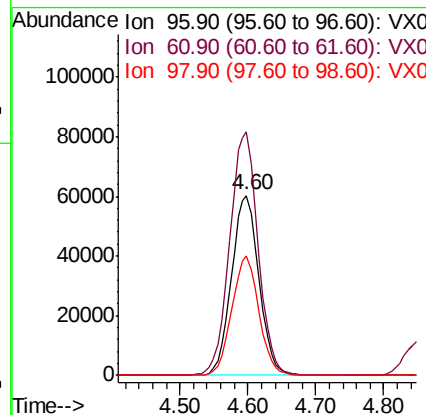
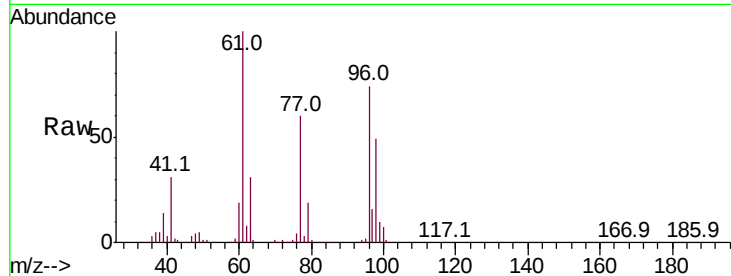
cis-1,2-Dichloroethene
Concen: 52.338 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Resp	Lower	Upper
96	100	168144		
61	139.9	0.0	288.0	
98	65.5	0.0	129.0	

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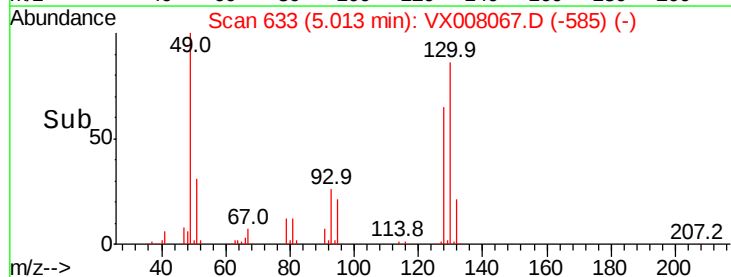
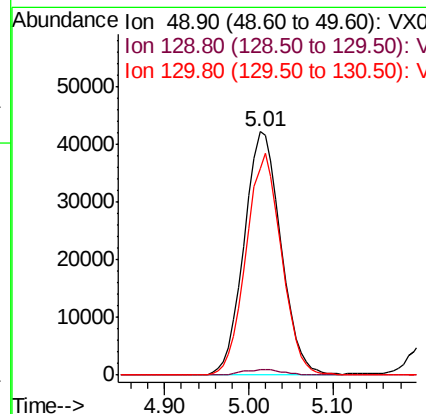
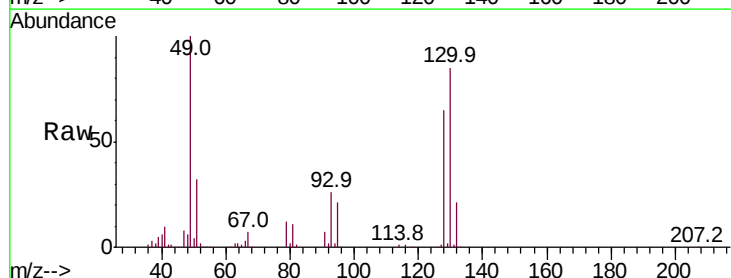
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3/15/2019 9:07:11 AM

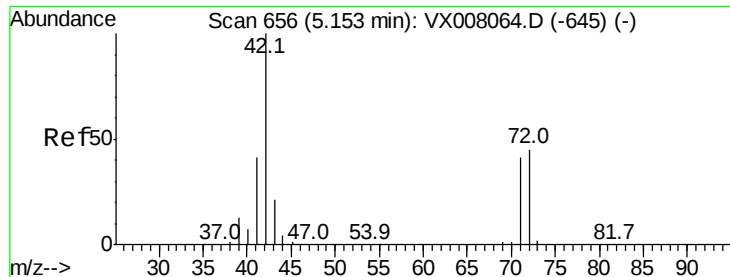


#28

Bromochloromethane
Concen: 53.092 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	124805		
129	2.5	0.0	4.0	
130	87.9	65.0	97.4	





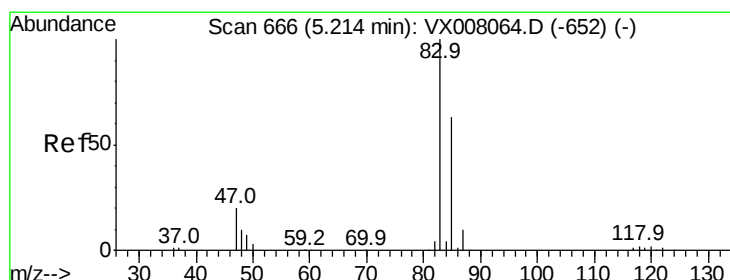
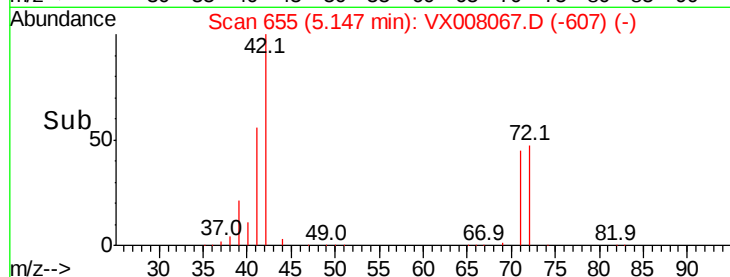
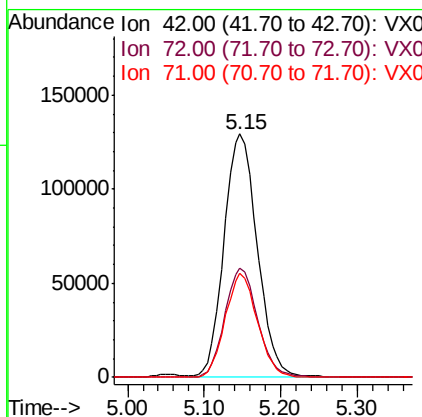
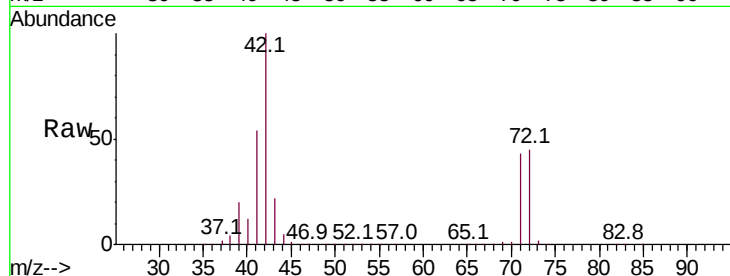
#29
Tetrahydrofuran
Concen: 258.434 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	33.8	50.6
71	41.8	31.5	47.3

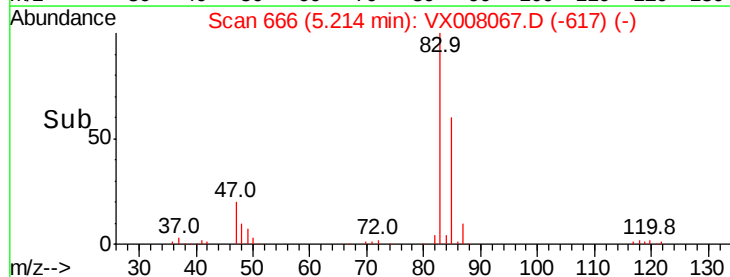
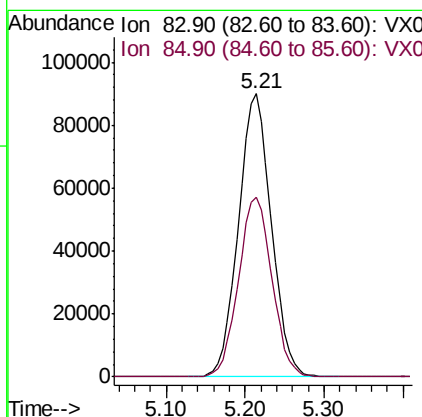
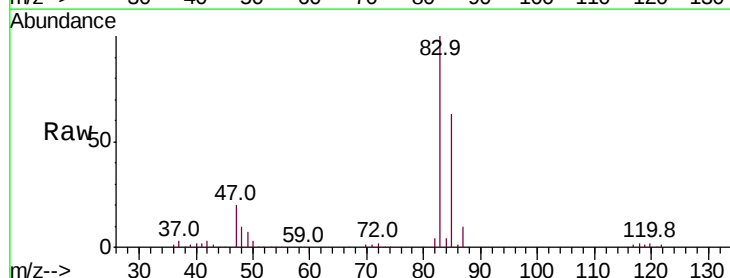
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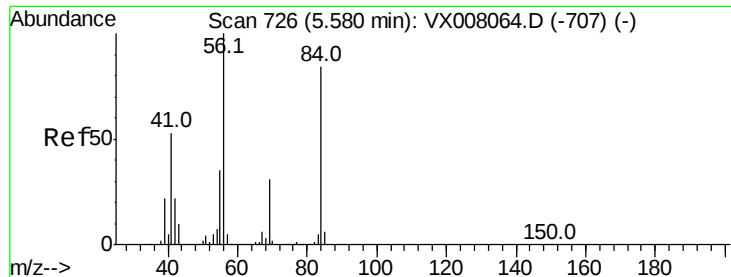
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#30
Chloroform
Concen: 51.780 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.6





#31

Cvclohexane

Concen: 54.823 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

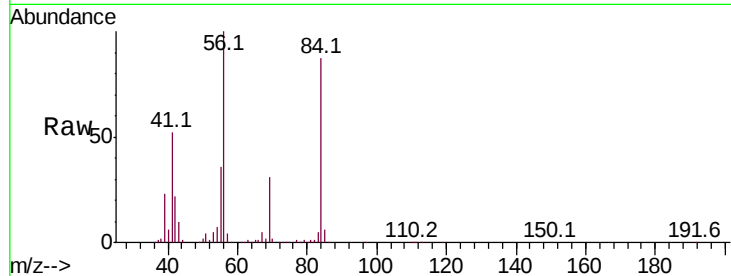
ClientSampleId :

ICVVX031419

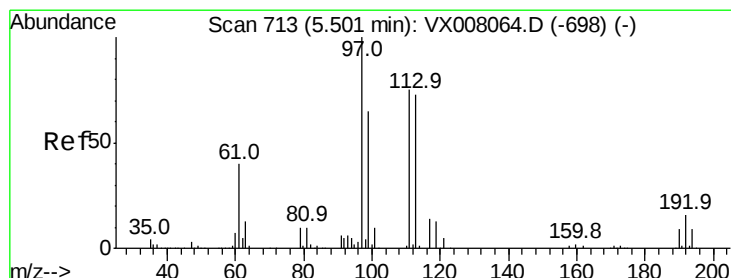
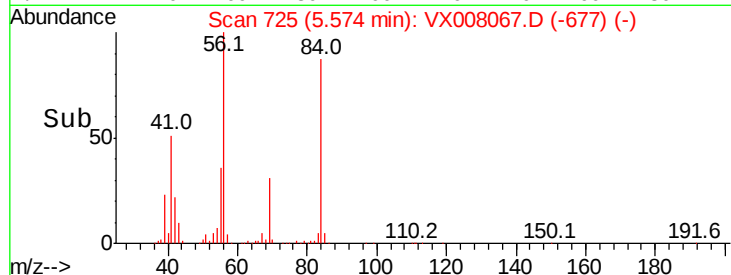
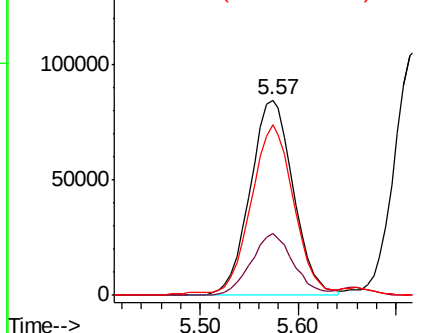
Tot Ion:	56	Resp:	260145
Ion Ratio	Lower	Upper	
56	100		
69	31.5	24.0	36.0
84	86.1	65.3	97.9

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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 53.803 ug/l

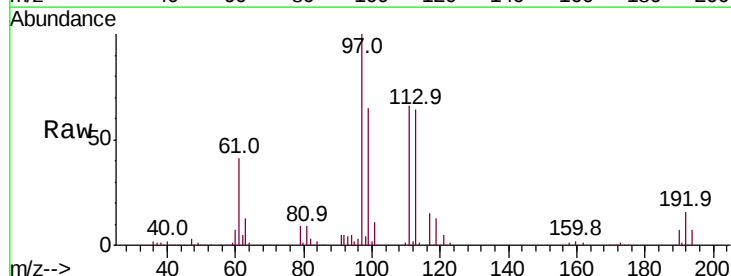
RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

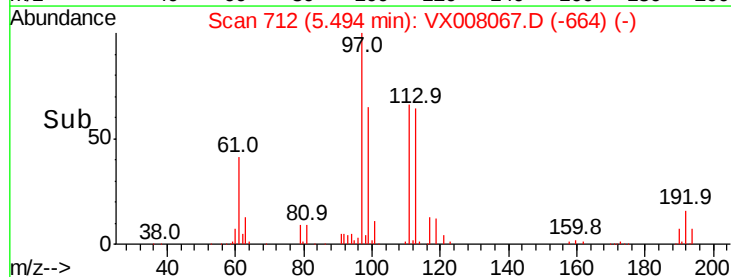
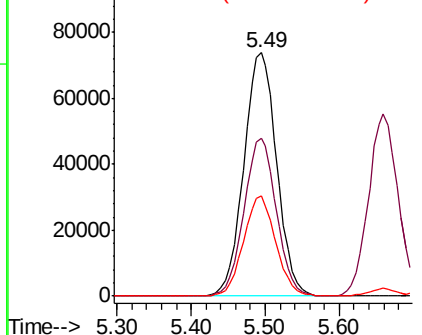
Lab File: VX008067.D

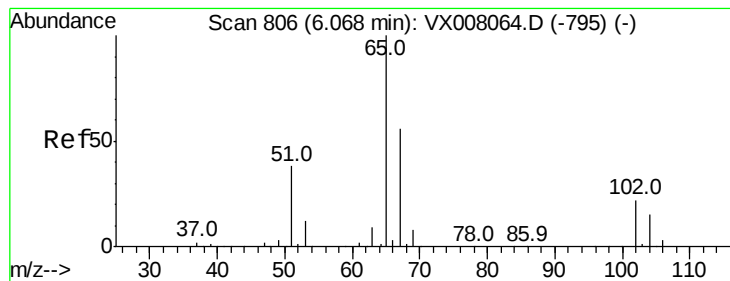
Acq: 14 Mar 2019 13:17

Tgt Ion:	97	Resp:	228486
Ion Ratio	Lower	Upper	
97	100		
99	64.0	52.2	78.2
61	40.3	34.9	52.3



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 45.980 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 65 Resp: 152594

Ion Ratio Lower Upper

65 100

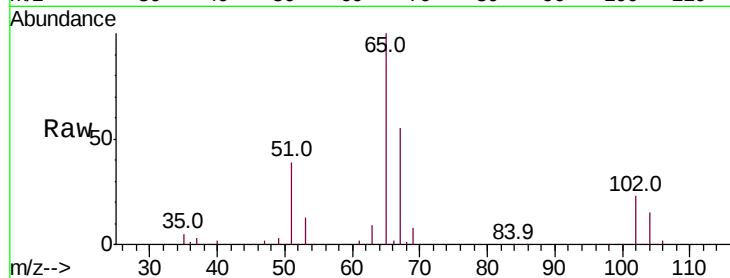
67 55.6 0.0 110.0

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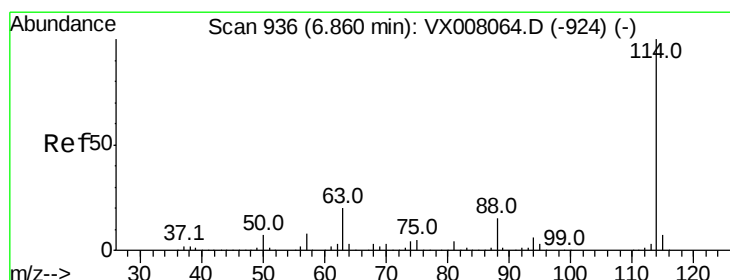
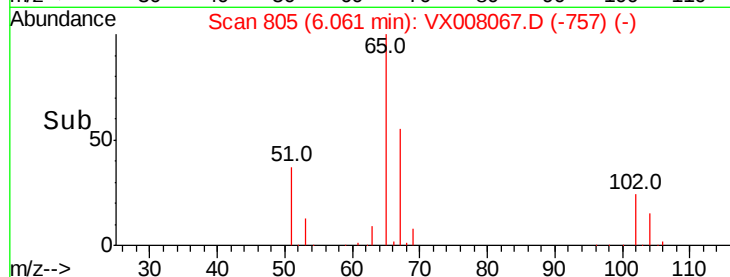
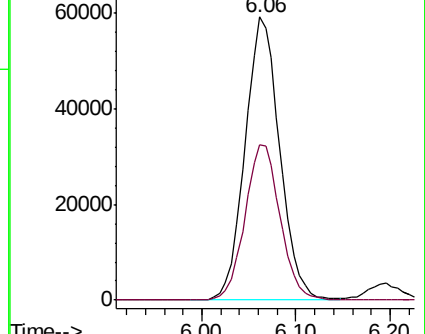
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

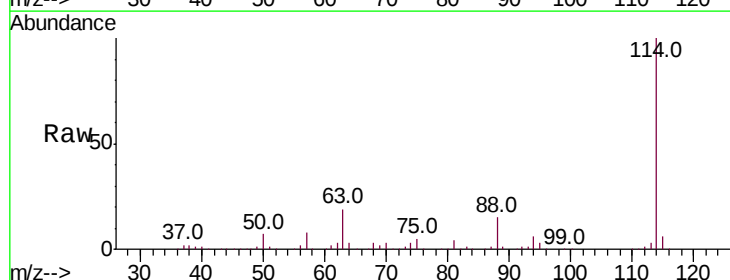
Tgt Ion:114 Resp: 460125

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.8

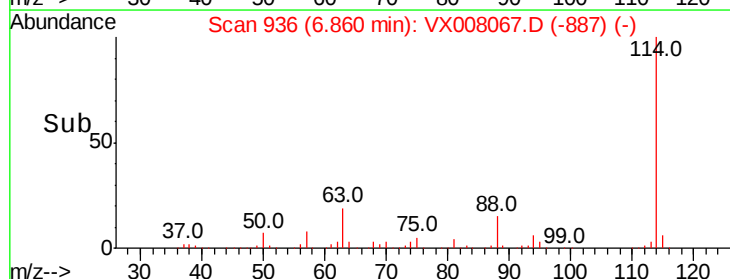
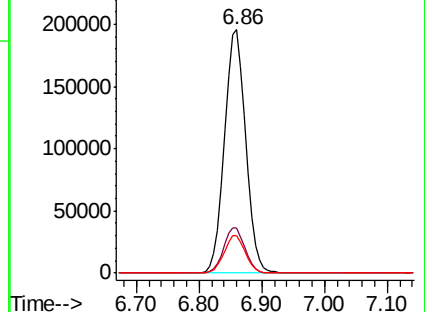
88 15.2 0.0 31.4

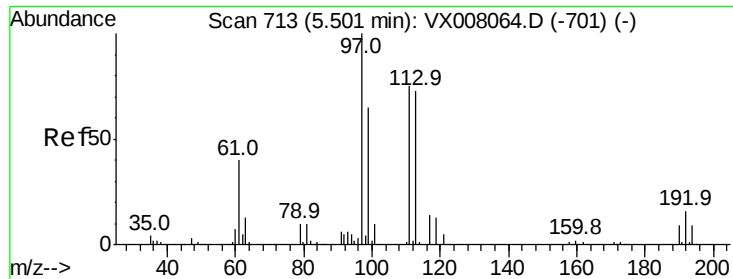


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.260 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

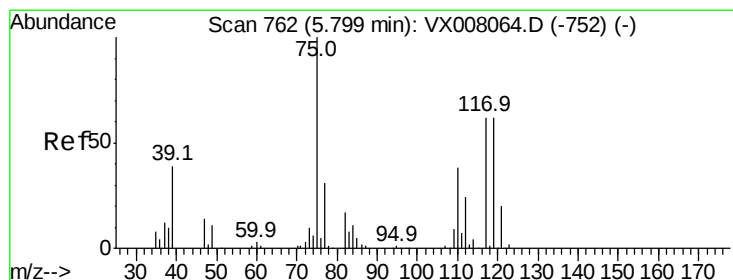
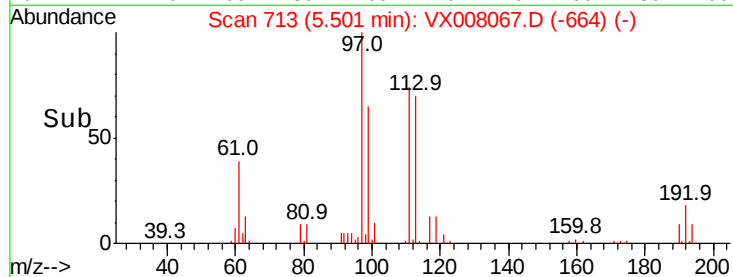
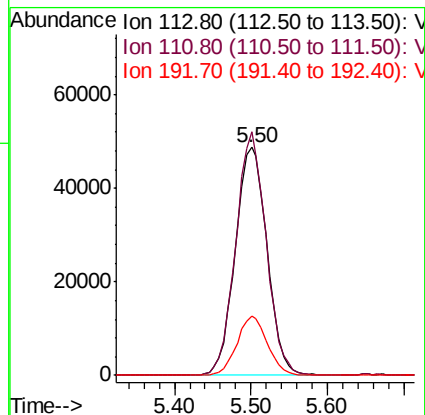
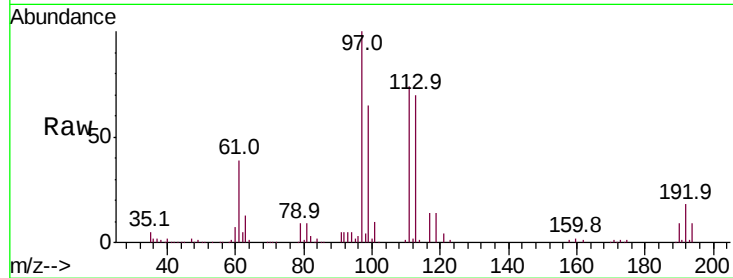
ClientSampleId :

ICVVX031419

Tot Ion:	113	Resp:	140815
Ion Ratio	Lower	Upper	
113	100		
111	101.7	81.4	122.0
192	24.9	19.4	29.0

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#36

1,1-Dichloropropene

Concen: 54.671 ug/l

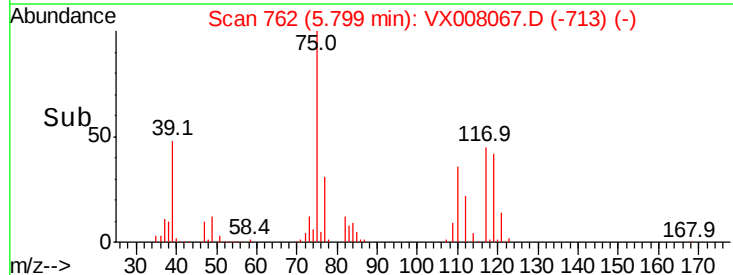
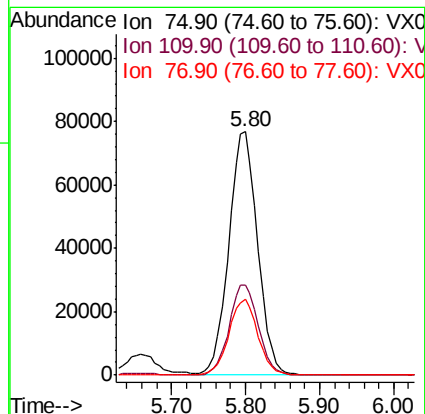
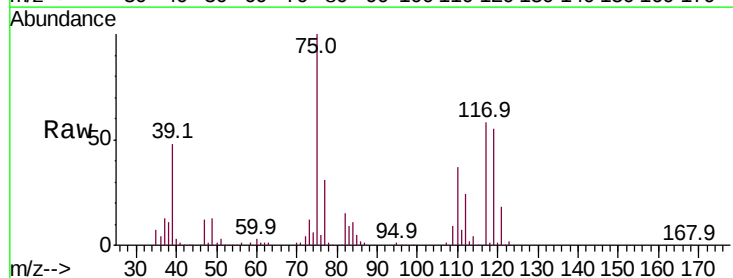
RT: 5.80 min Scan# 762

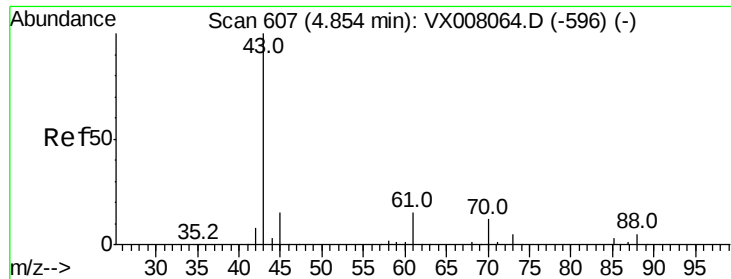
Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion:	75	Resp:	206946
Ion Ratio	Lower	Upper	
75	100		
110	37.6	18.4	55.0
77	31.4	25.0	37.4





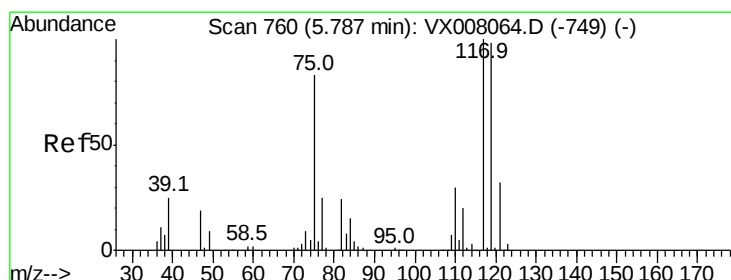
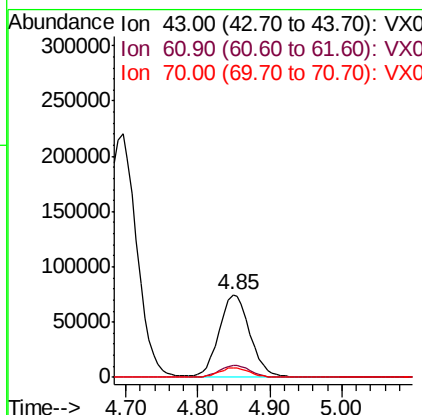
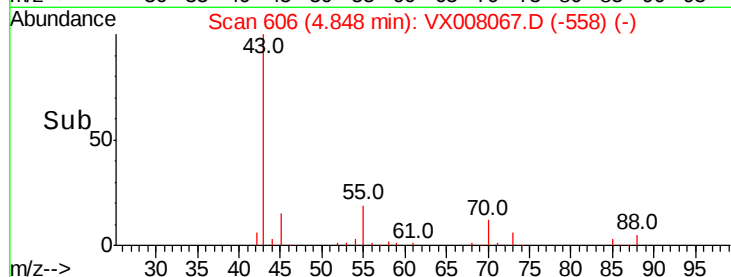
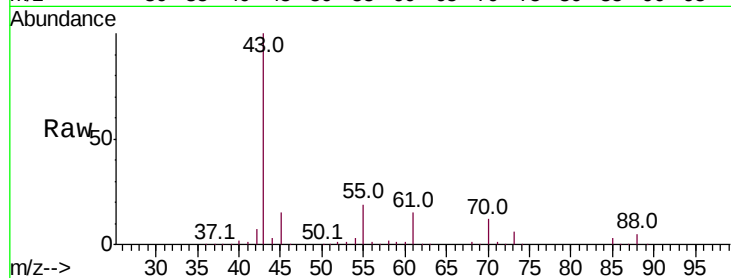
#37
Ethyl Acetate
Concen: 54.525 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.3	16.9
70	11.4	8.5	12.7

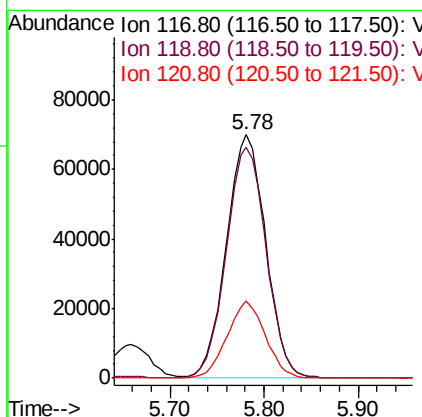
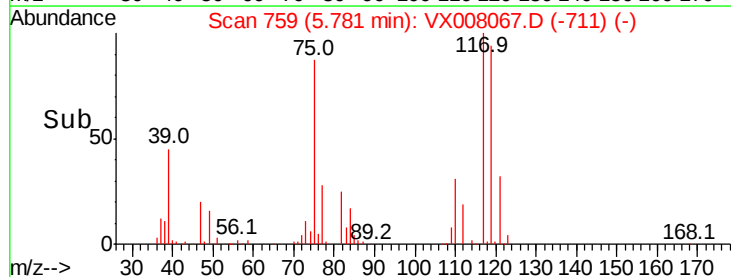
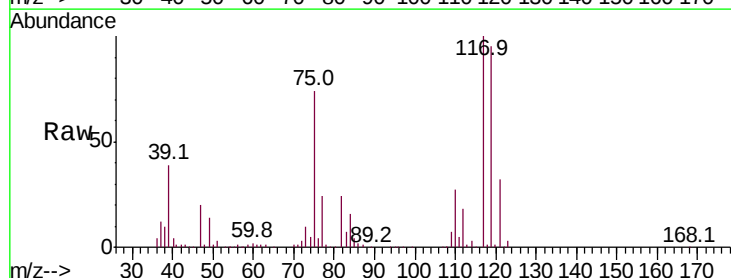
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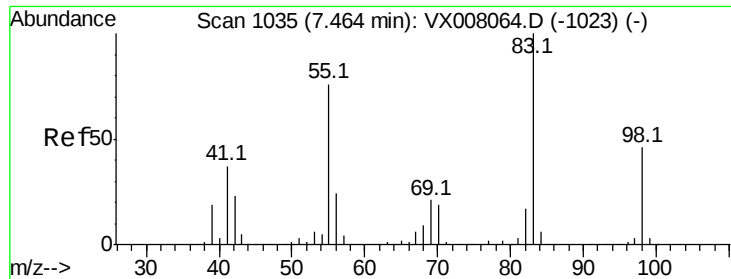
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#38
Carbon Tetrachloride
Concen: 55.467 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.2
121	31.7	24.6	36.8





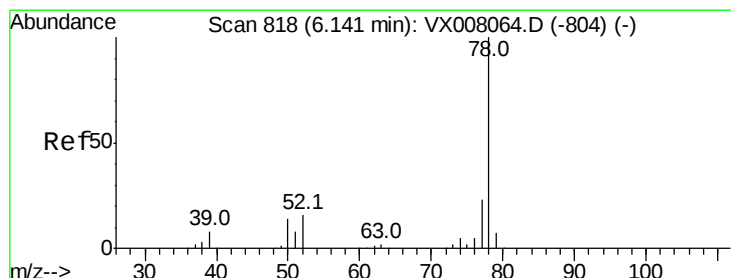
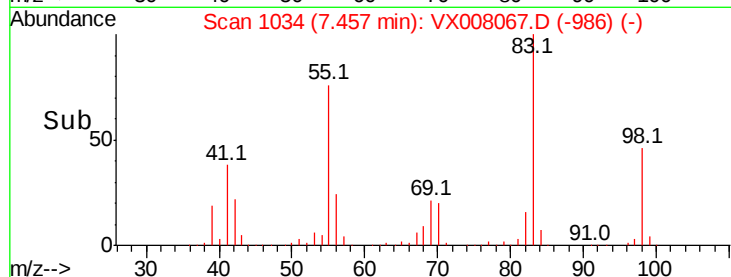
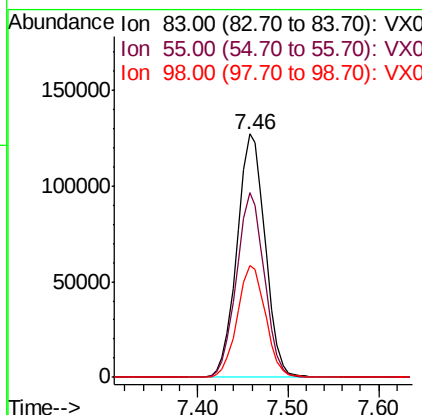
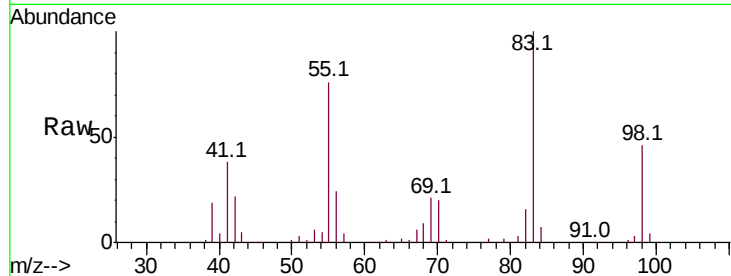
#39
Methvlcvclohexane
Concen: 56.370 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	60.4	90.6
98	45.7	36.5	54.7

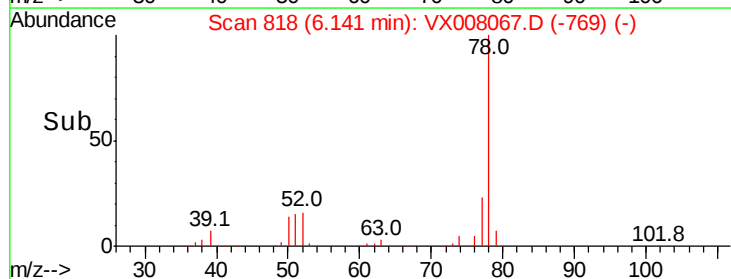
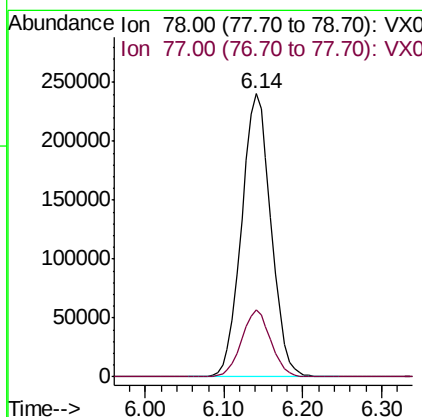
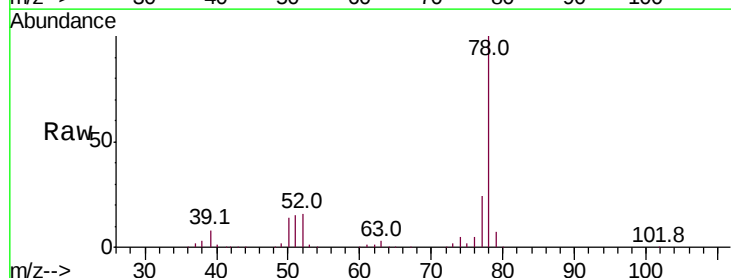
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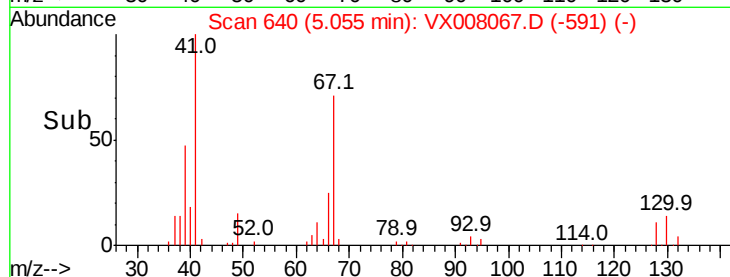
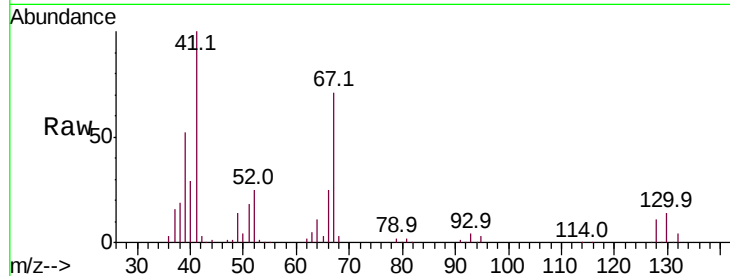
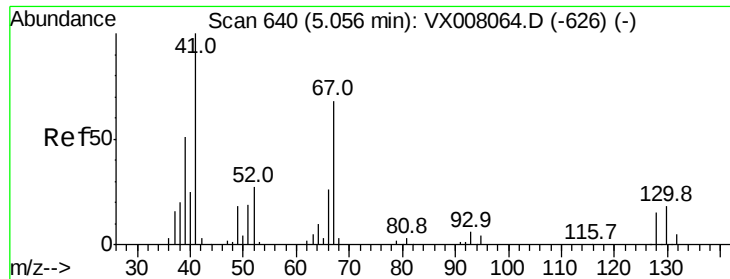
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#40
Benzene
Concen: 53.690 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.0	28.4





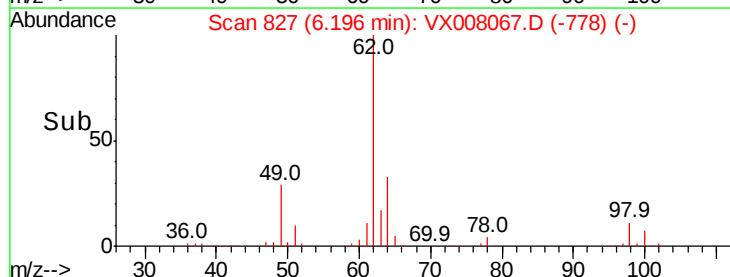
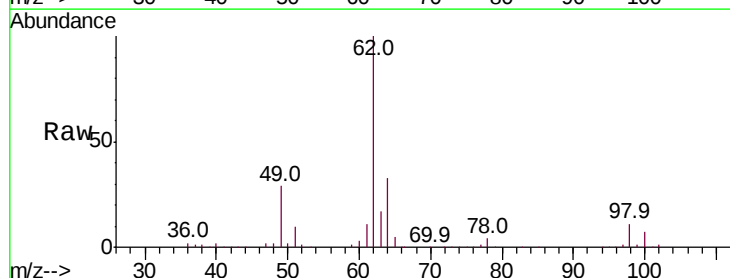
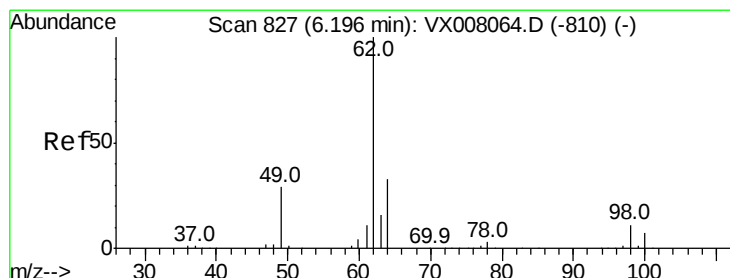
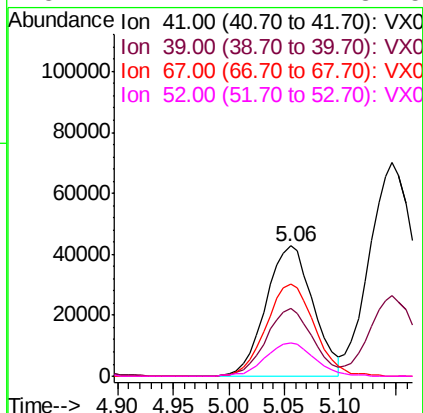
#41
Methacrylonitrile
Concen: 53.040 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	51.5	41.6	62.4		
67	72.9	55.8	83.6		
52	27.2	21.7	32.5		

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

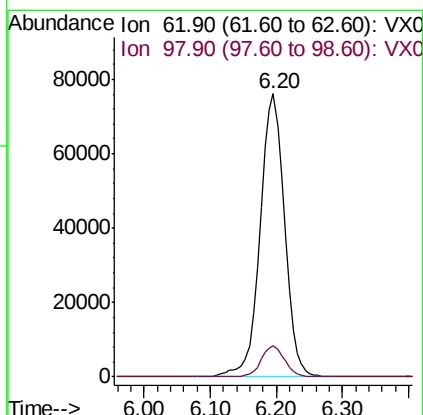
Manual Integrations
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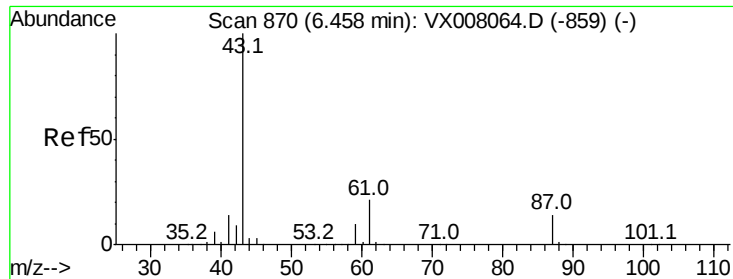
MMDadoda
3/15/2019 9:07:11 AM



#42
1,2-Dichloroethane
Concen: 52.705 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	10.5	0.0	20.4		





#43

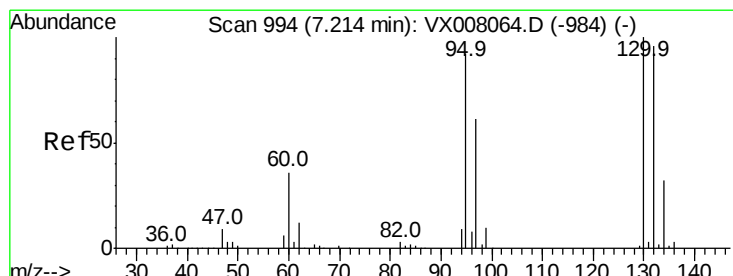
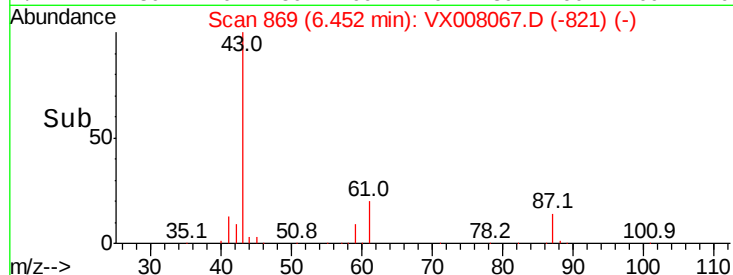
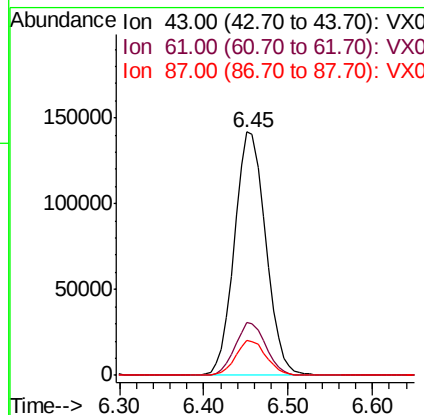
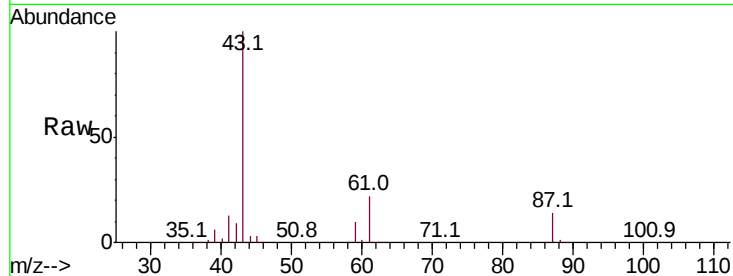
Isopropyl Acetate
 Concen: 54.142 ug/l
 RT: 6.45 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.4	16.3	24.5
87	14.1	10.5	15.7

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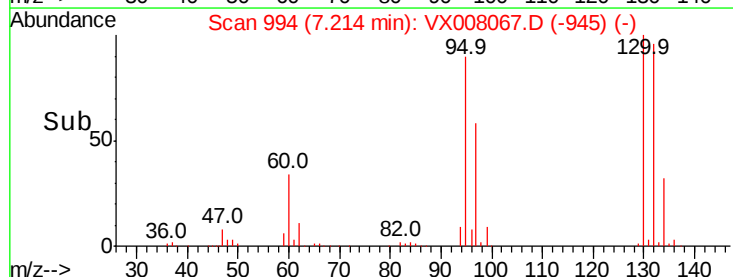
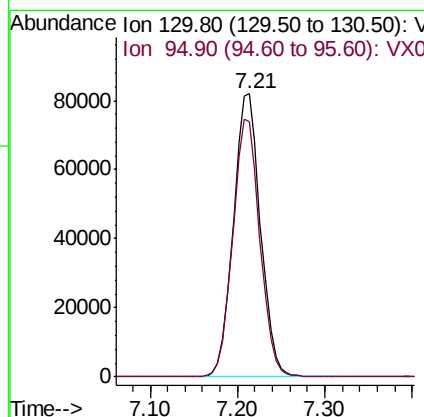
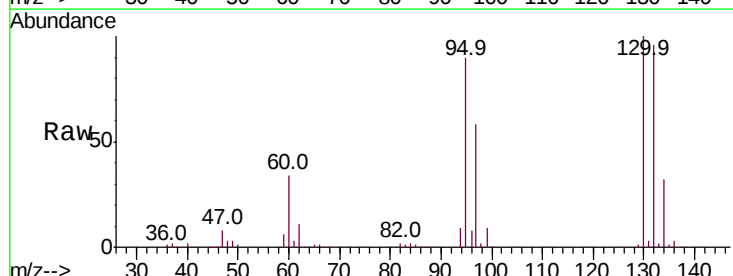
MMDadoda
 3/15/2019 9:07:11 AM

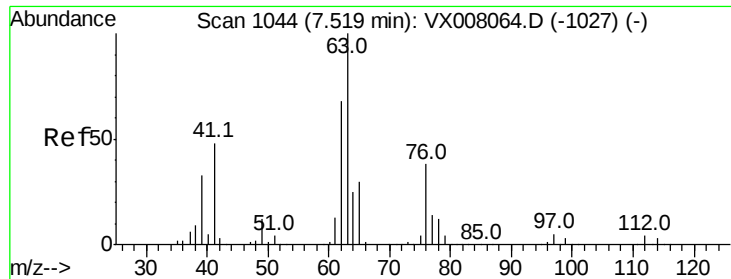


#44

Trichloroethene
 Concen: 52.825 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	188.0





#45

1,2-Dichloropropane

Concen: 52.734 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 63 Resp: 161329

Ion Ratio Lower Upper

63 100

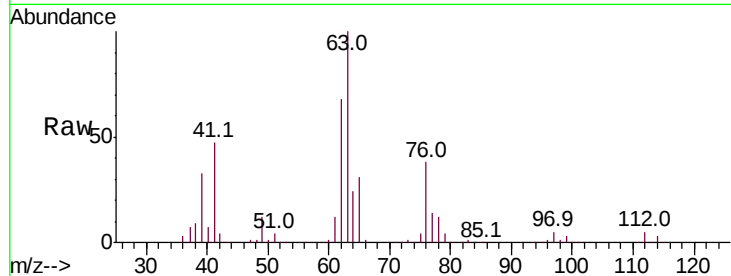
65 30.7 24.7 37.1

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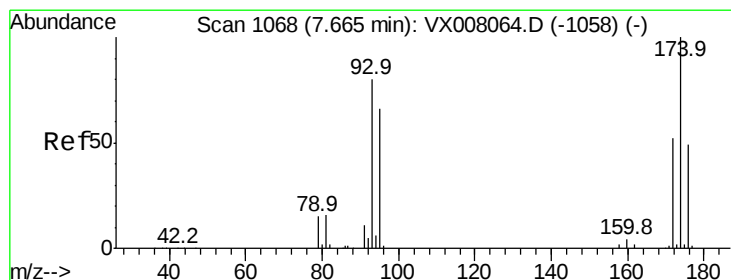
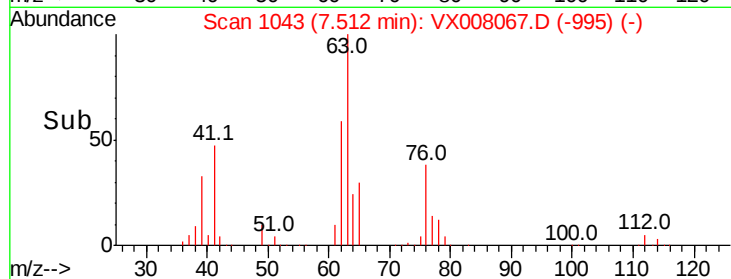
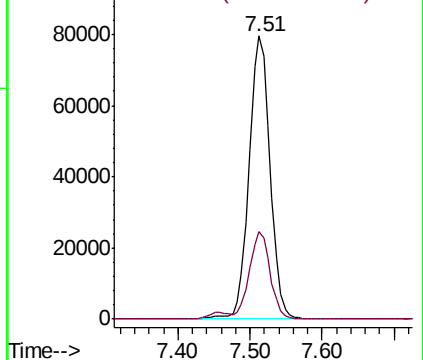
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.396 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

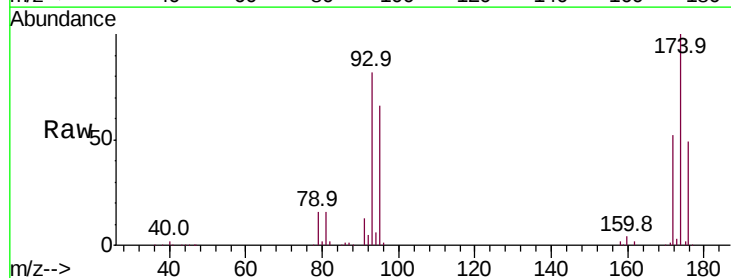
Tgt Ion: 93 Resp: 102387

Ion Ratio Lower Upper

93 100

95 83.3 66.8 100.2

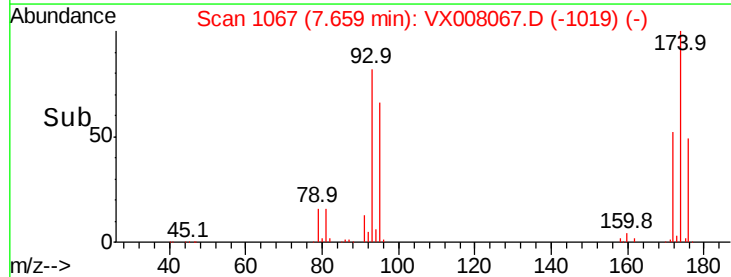
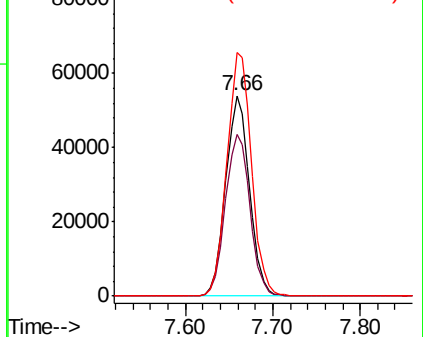
174 124.8 97.3 145.9

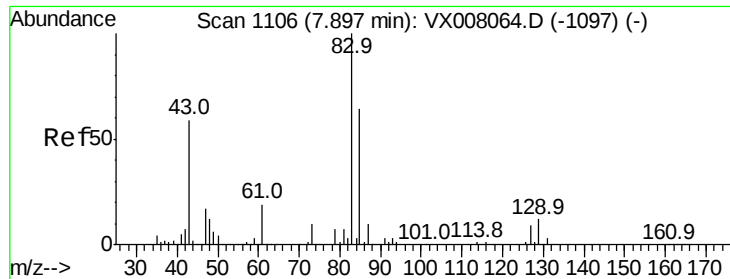


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.752 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

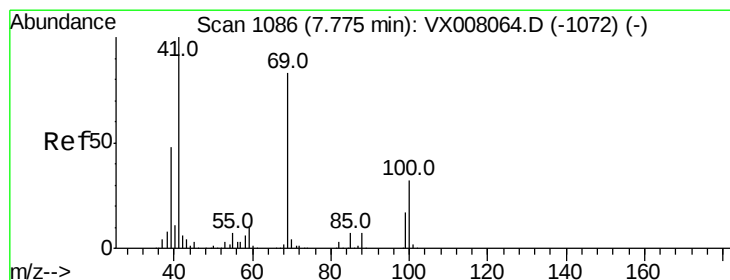
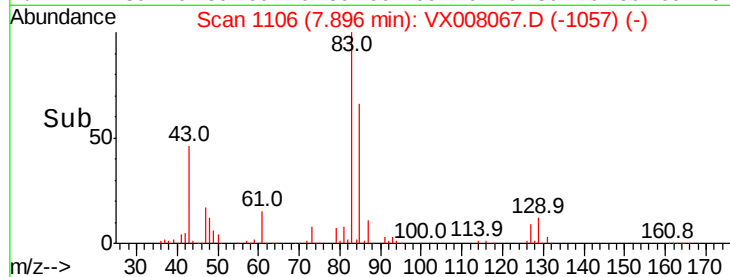
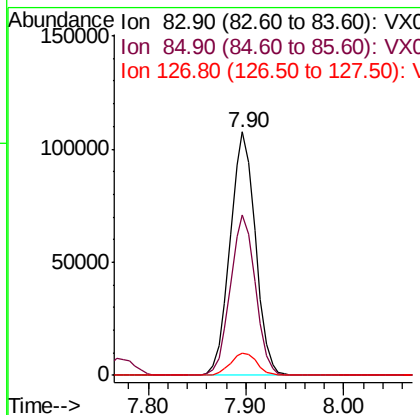
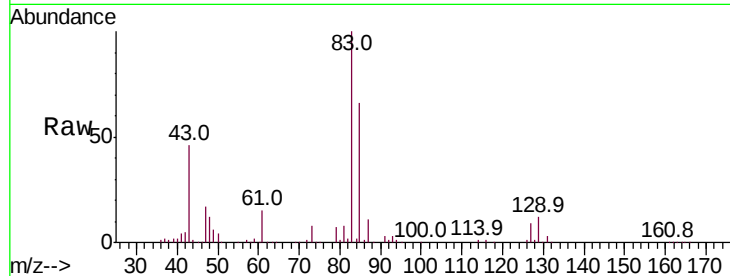
ClientSampleId :

ICVVX031419

Tot Ion:	83	Resp:	192372
Ion Ratio	Lower	Upper	
83	100		
85	65.8	50.9	76.3
127	9.3	7.4	11.0

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#48

Methyl methacrylate

Concen: 53.038 ug/l

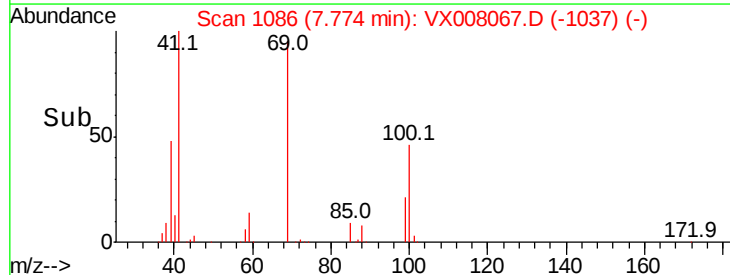
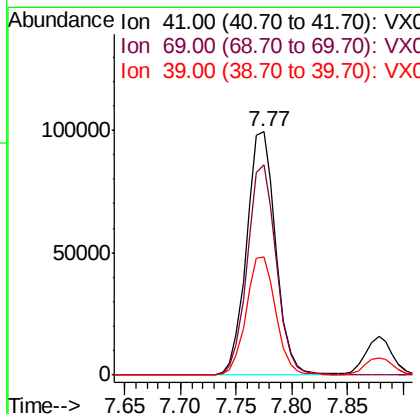
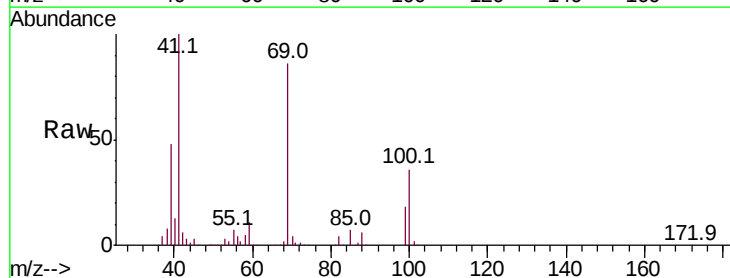
RT: 7.77 min Scan# 1086

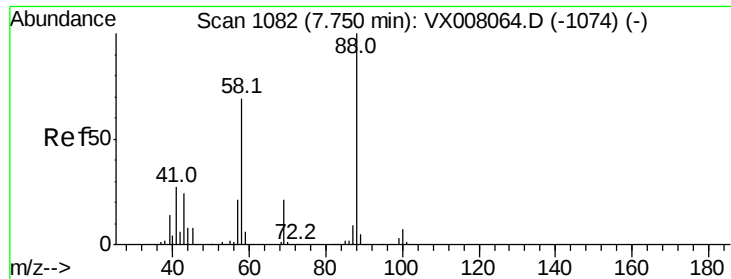
Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion:	41	Resp:	181490
Ion Ratio	Lower	Upper	
41	100		
69	86.2	65.2	97.8
39	49.4	39.4	59.2





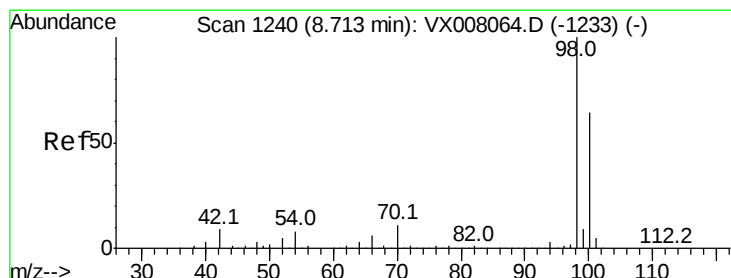
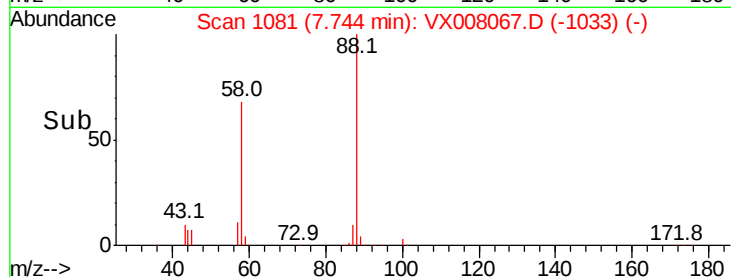
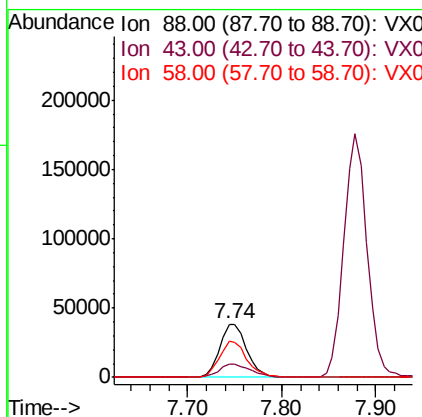
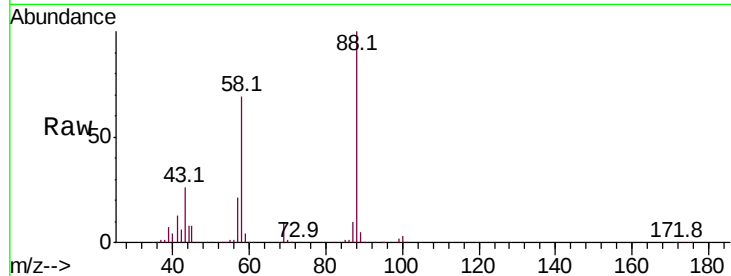
#49
1,4-Dioxane
Concen: 1037.213 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	25.1	37.7
58	69.0	57.8	86.6

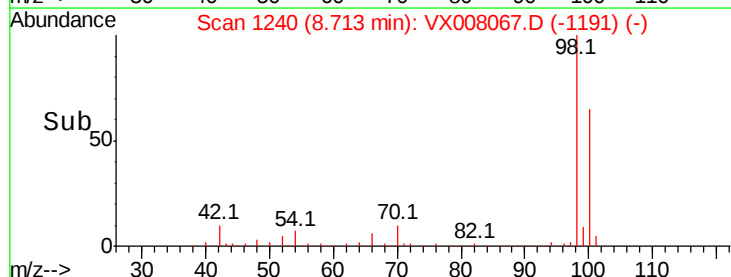
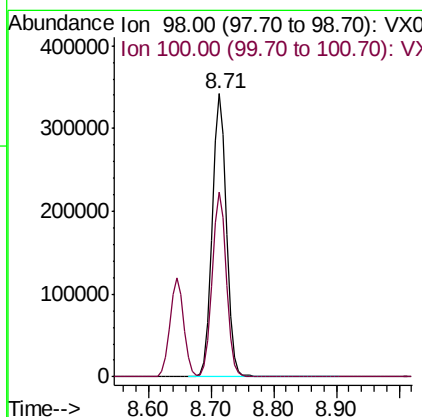
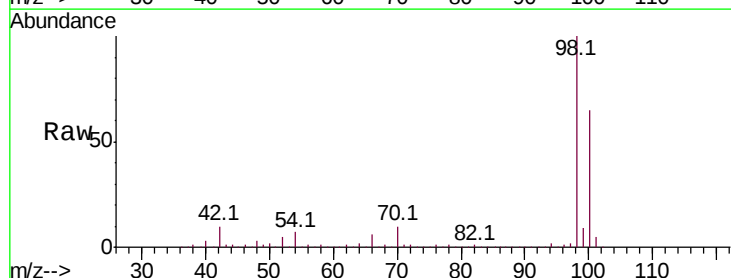
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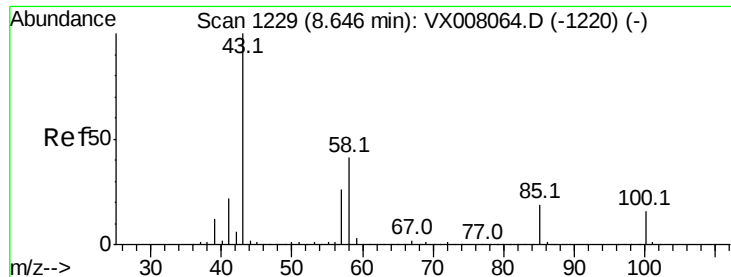
MMDadoda
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#50
Toluene-d8
Concen: 48.093 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 254.363 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tot Ion: 43 Resp: 1098365

Ion Ratio Lower Upper

43 100

58 40.6 31.3 46.9

Instrument :

MSVOA_X

ClientSampleId :

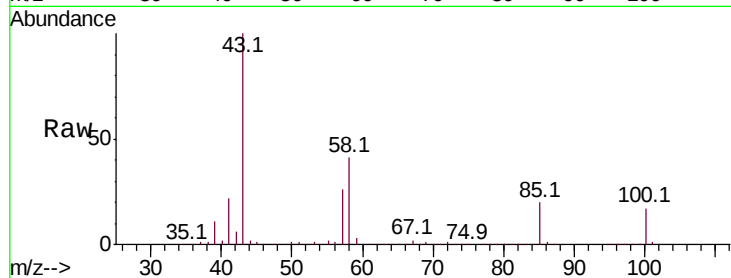
ICVVX031419

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

800000

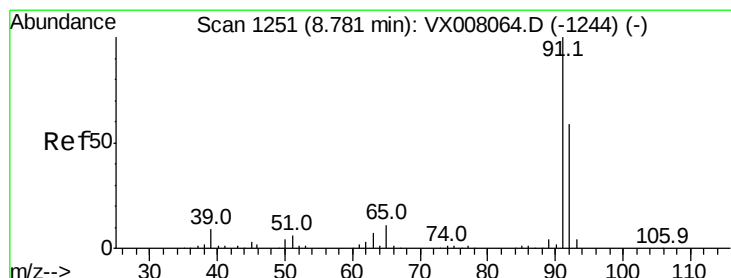
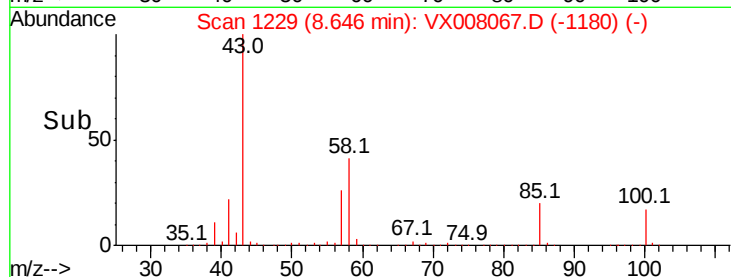
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 52.866 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008067.D

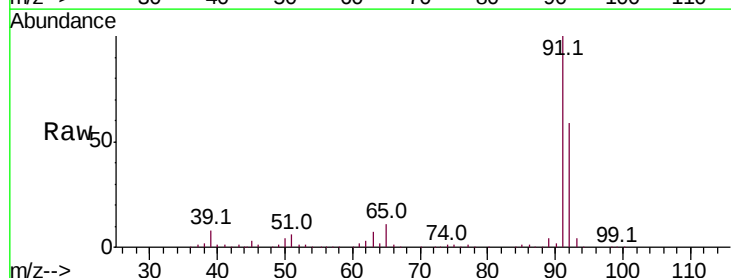
Acq: 14 Mar 2019 13:17

Tgt Ion: 92 Resp: 389692

Ion Ratio Lower Upper

92 100

91 172.1 137.4 206.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.78

500000

400000

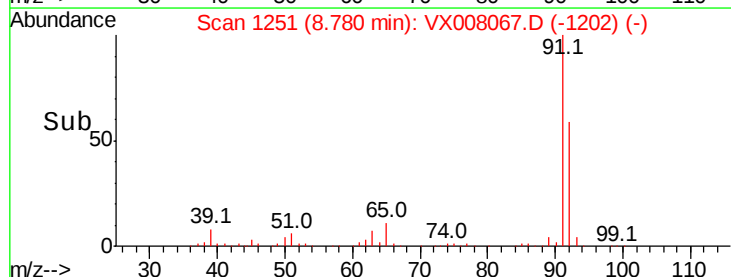
300000

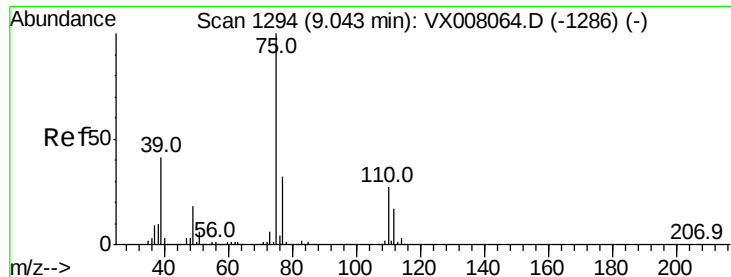
200000

100000

0

Time-->





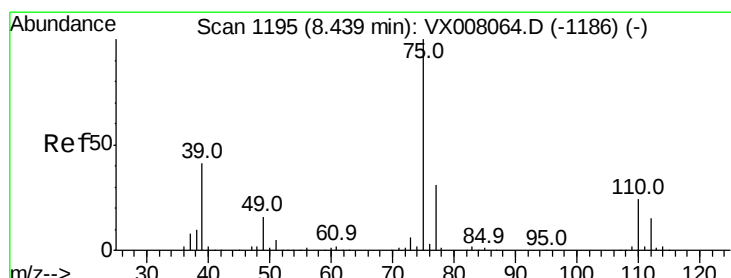
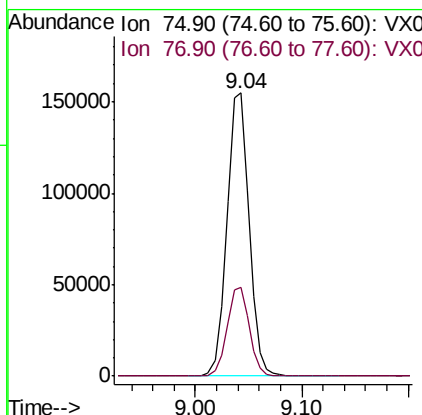
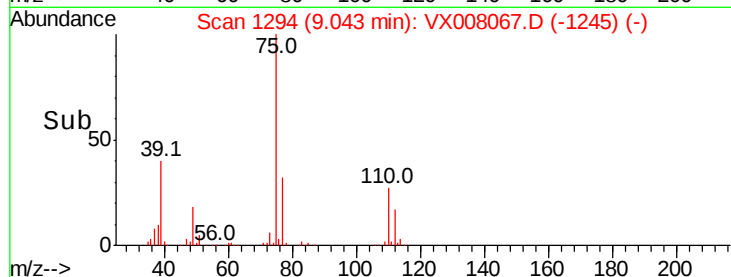
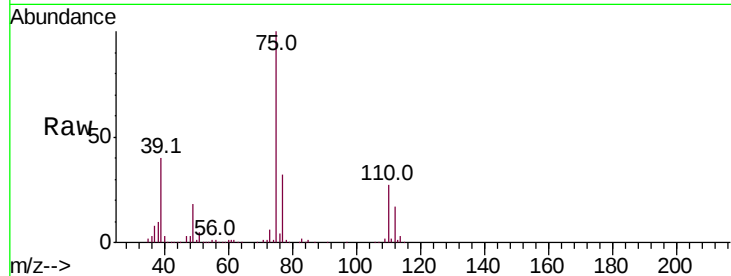
#53
 t-1,3-Dichloropropene
 Concen: 56.455 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion: 75 Resp: 225688
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0

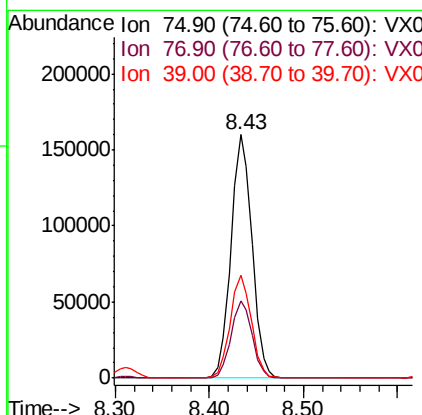
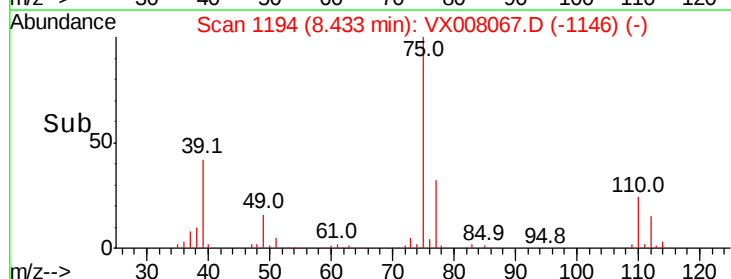
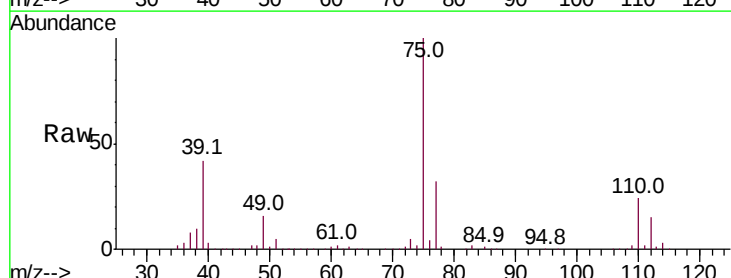
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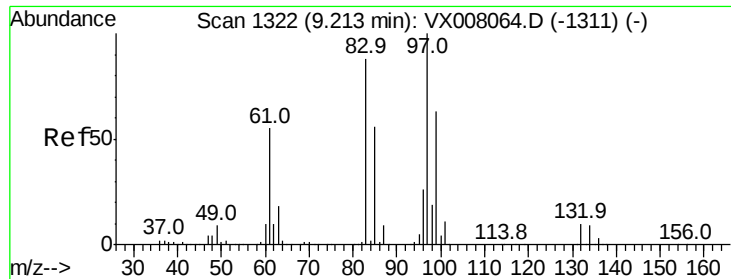
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#54
 cis-1,3-Dichloropropene
 Concen: 55.822 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 75 Resp: 248008
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6
 39 42.1 36.6 54.8





#55

1,1,2-Trichloroethane

Concen: 51.744 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX008067.D

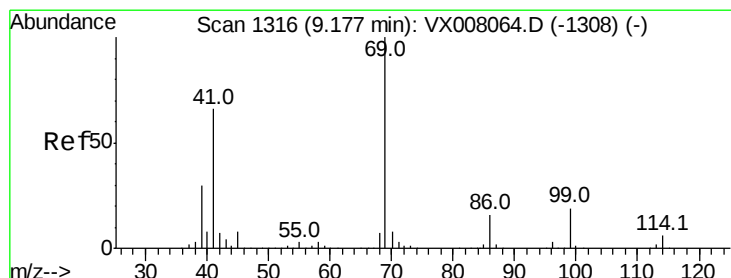
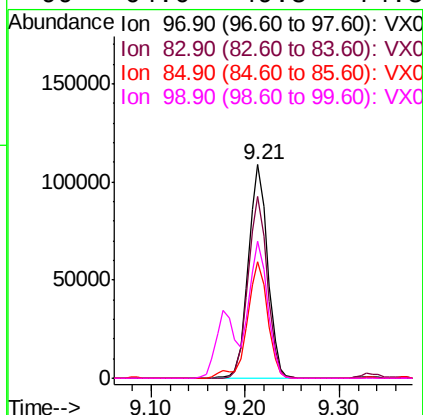
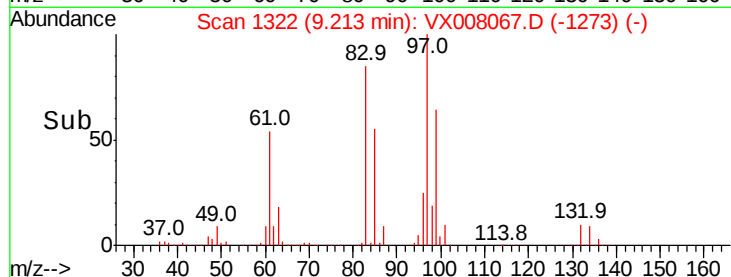
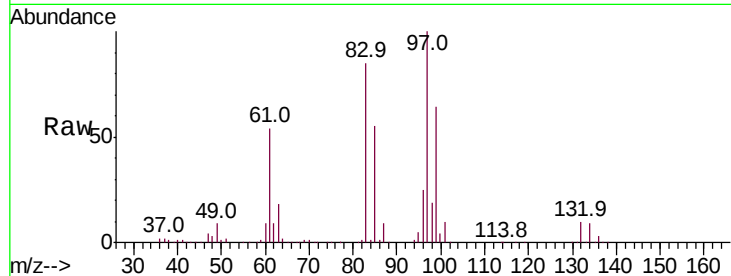
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.0	69.1	103.7
85	54.7	44.3	66.5
99	64.0	49.8	74.8

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#56

Ethyl methacrylate

Concen: 54.085 ug/l

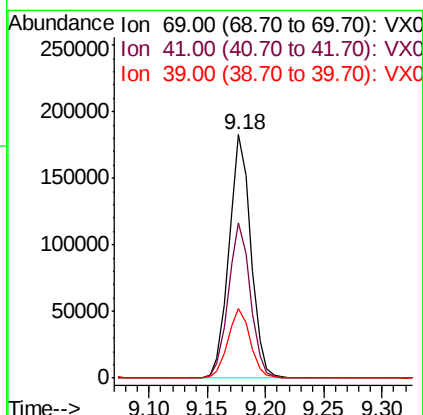
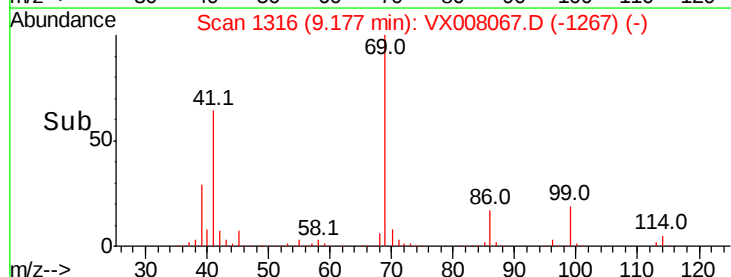
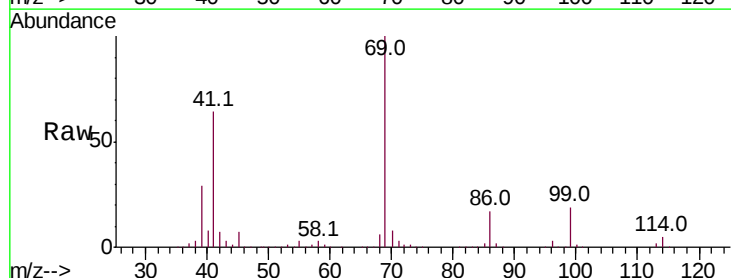
RT: 9.18 min Scan# 1316

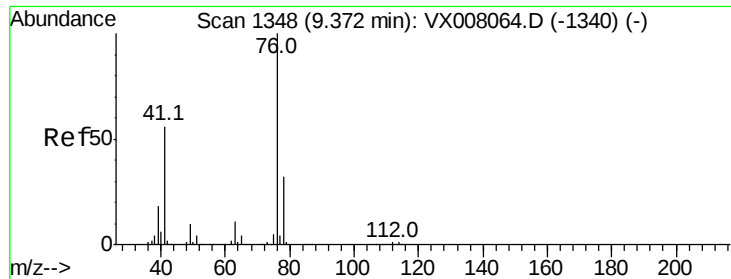
Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.1	54.2	81.4
39	29.5	25.0	37.4





#57

1,3-Dichloropropane

Concen: 51.634 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 76 Resp: 256473

Ion Ratio Lower Upper

76 100

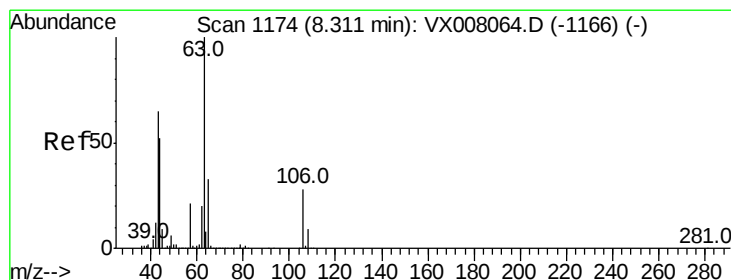
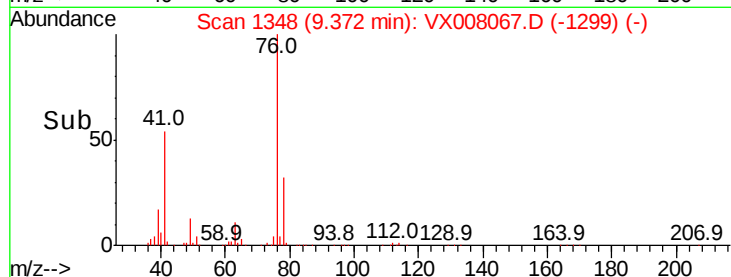
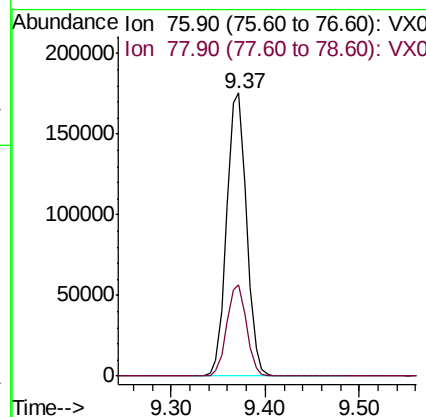
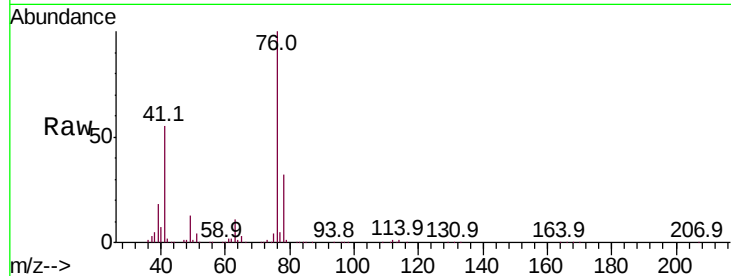
78 32.1 25.5 38.3

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 256.075 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008067.D

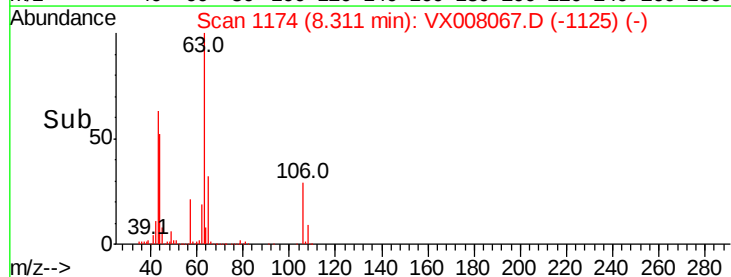
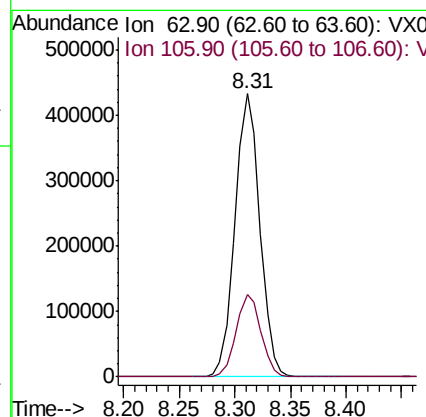
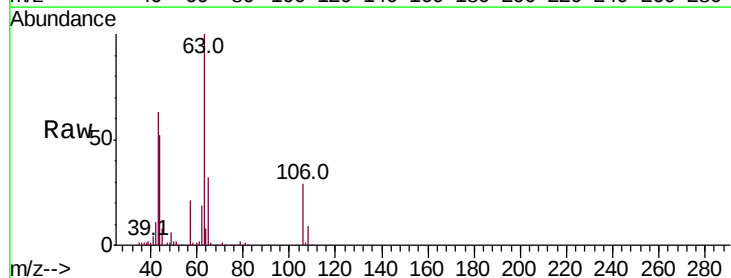
Acq: 14 Mar 2019 13:17

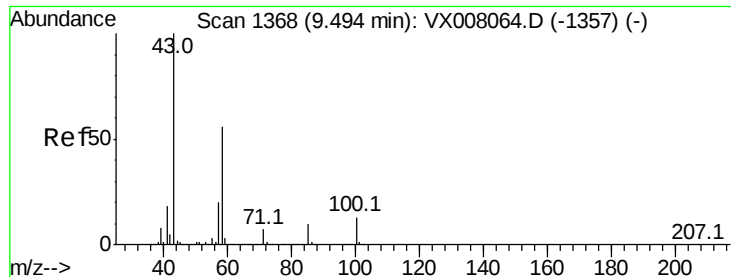
Tgt Ion: 63 Resp: 667906

Ion Ratio Lower Upper

63 100

106 29.1 22.2 33.2





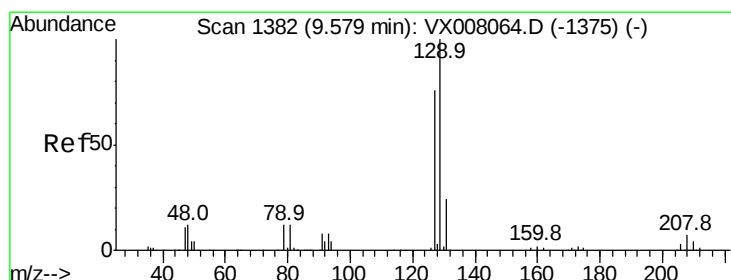
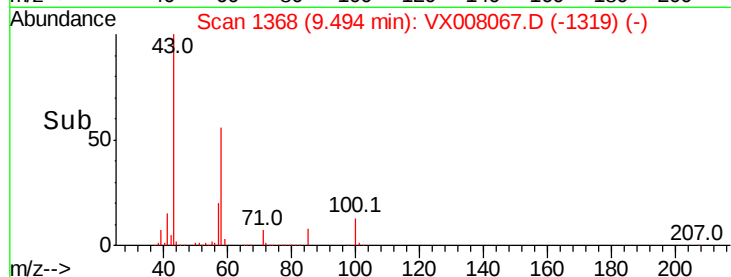
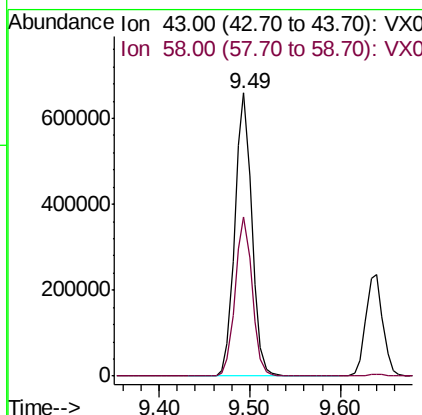
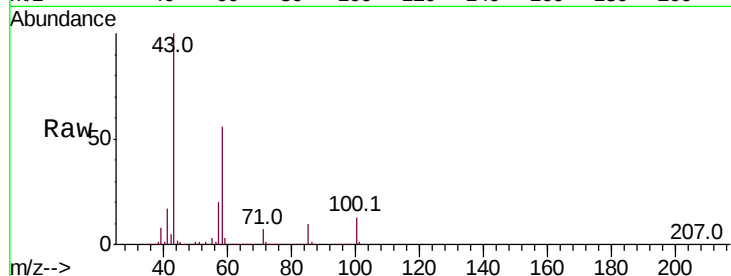
#59
2-Hexanone
Concen: 253.188 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion: 43 Resp: 855026
Ion Ratio Lower Upper
43 100
58 56.5 27.6 82.7

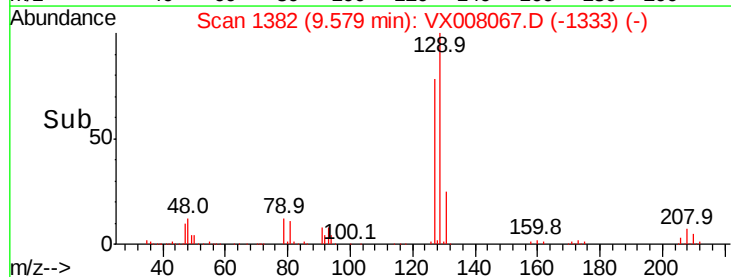
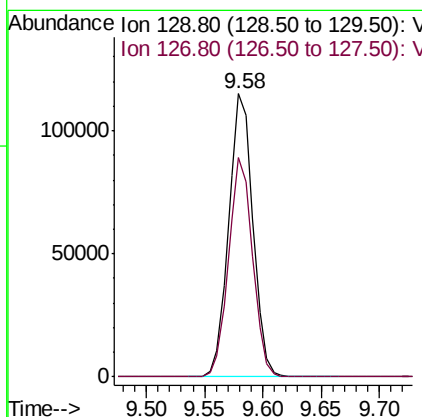
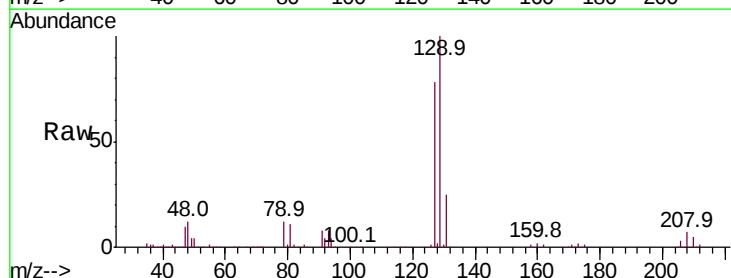
Manual Integrations
APPROVED

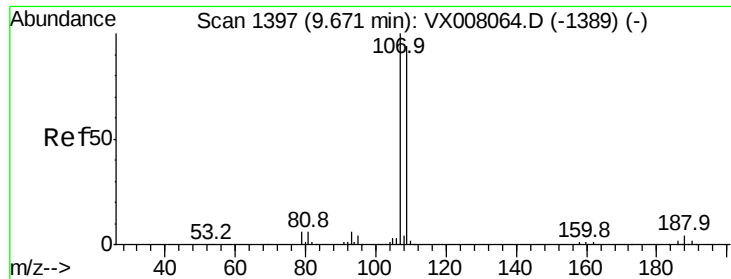
MMDadoda
3/15/2019 9:07:11 AM



#60
Dibromochloromethane
Concen: 53.717 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 129 Resp: 166168
Ion Ratio Lower Upper
129 100
127 76.7 38.3 114.8





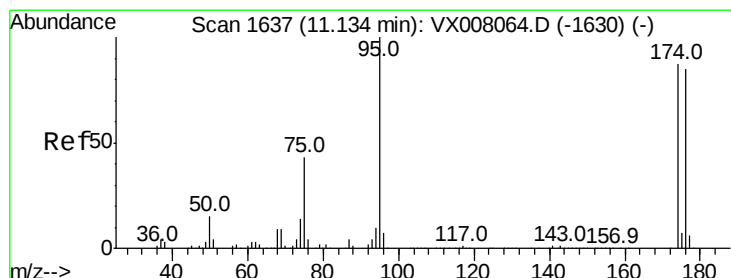
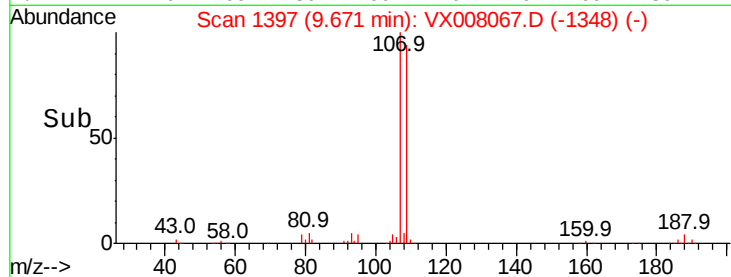
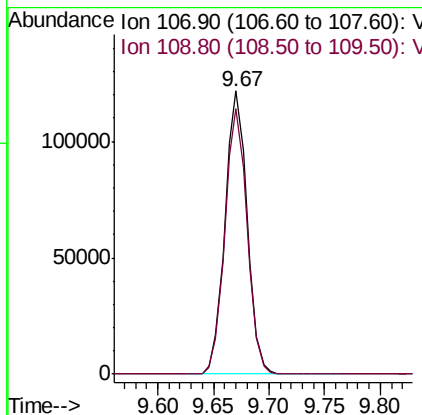
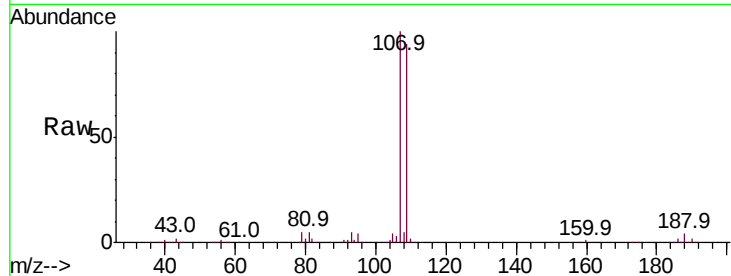
#61
 1,2-Dibromoethane
 Concen: 53.232 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion	Ratio	Resp	Lower	Upper
107	100	167413		
109	94.3	75.8	113.8	

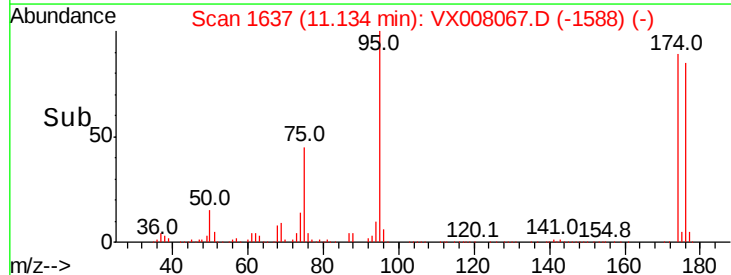
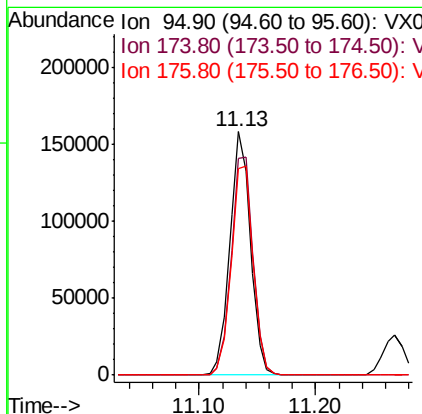
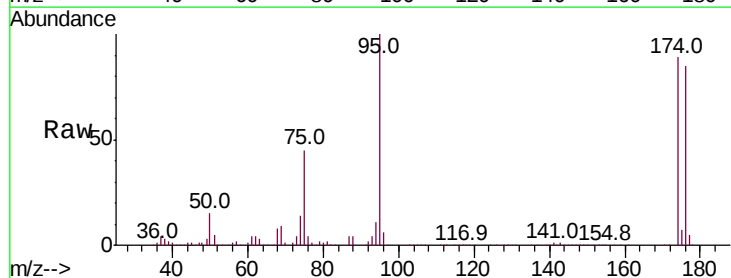
Manual Integrations
 APPROVED

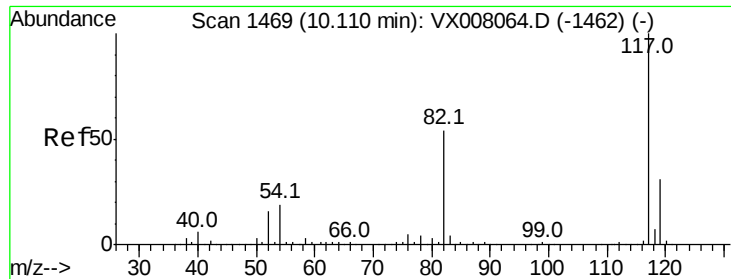
MMDadoda
 3/15/2019 9:07:11 AM



#62
 4-Bromofluorobenzene
 Concen: 49.023 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	194893		
174	95.4	0.0	182.8	
176	91.3	0.0	178.0	





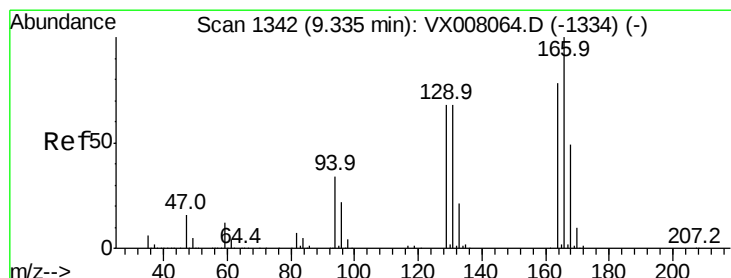
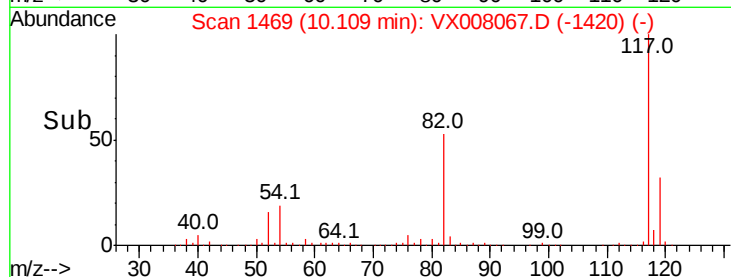
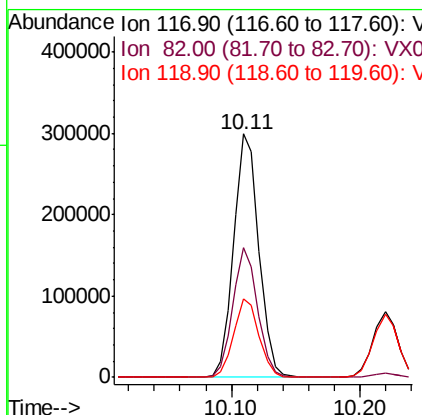
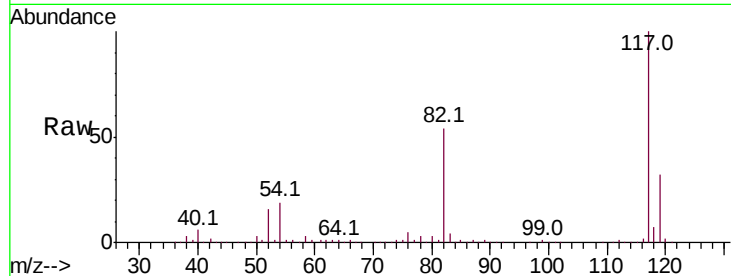
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	44.3	66.5
119	32.2	25.3	37.9

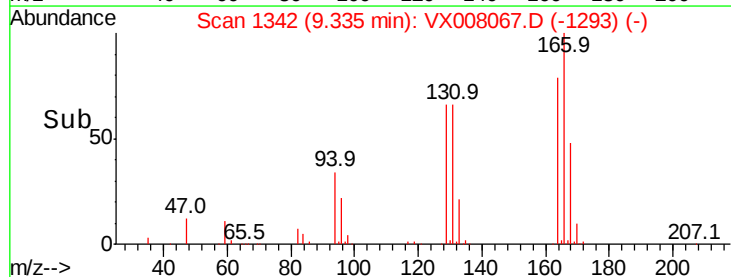
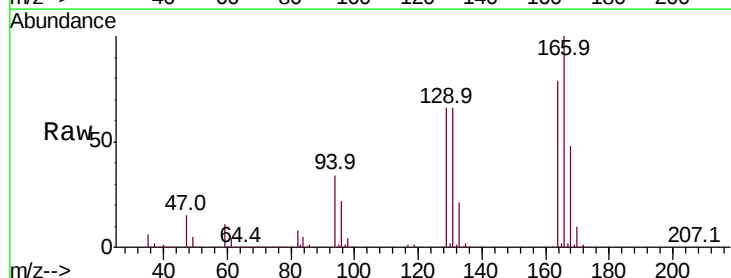
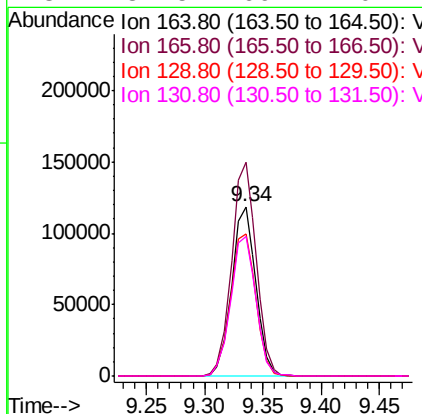
Manual Integrations
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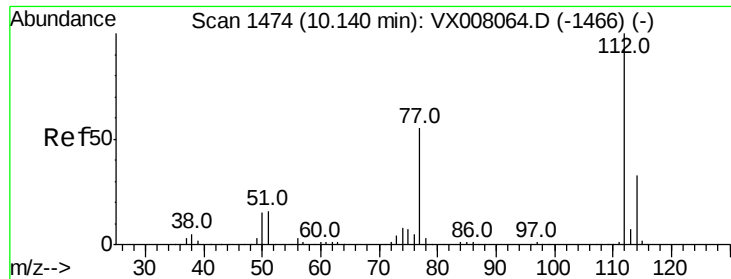
MMDadoda
3/15/2019 9:07:11 AM



#64
Tetrachloroethene
Concen: 51.882 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.9	103.4	155.0
129	83.6	72.2	108.4
131	82.5	69.4	104.2





#65

Chlorobenzene

Concen: 53.638 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVX031419

Tot Ion:112 Resp: 434781

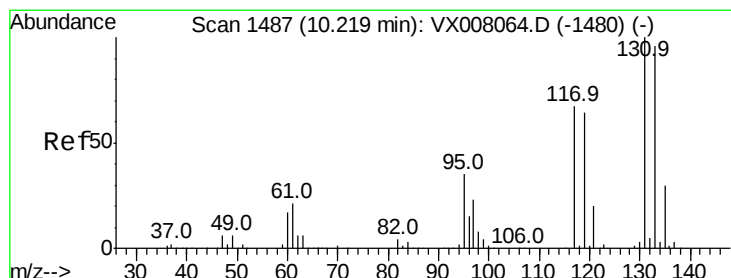
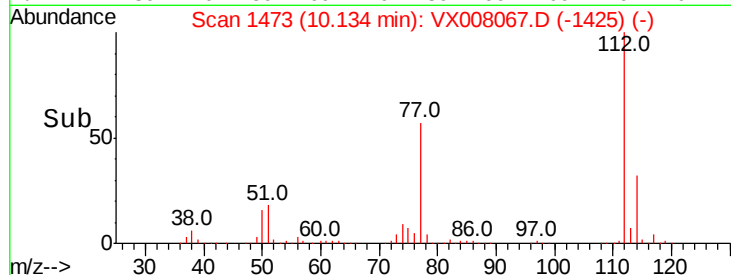
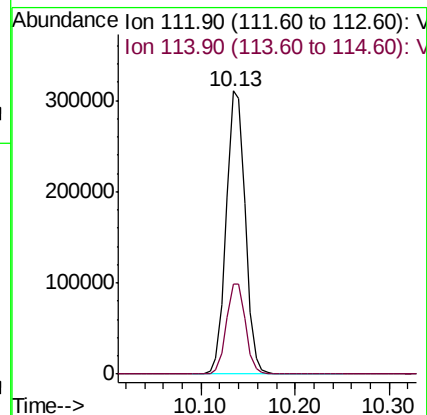
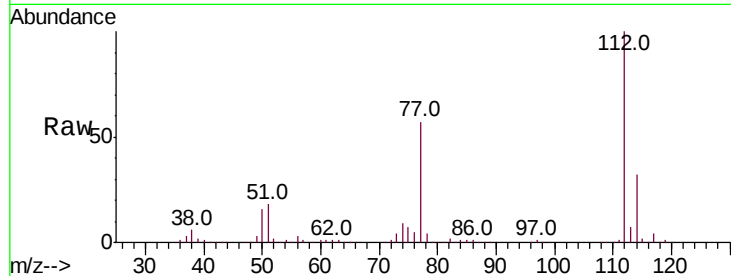
Ion Ratio Lower Upper

112 100

114 31.7 26.0 39.0

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 55.024 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

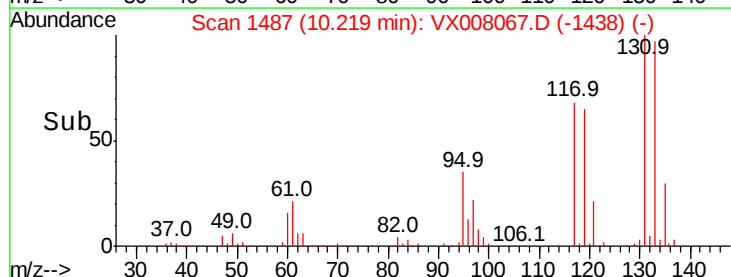
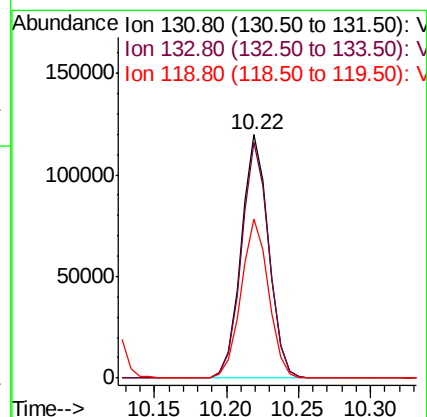
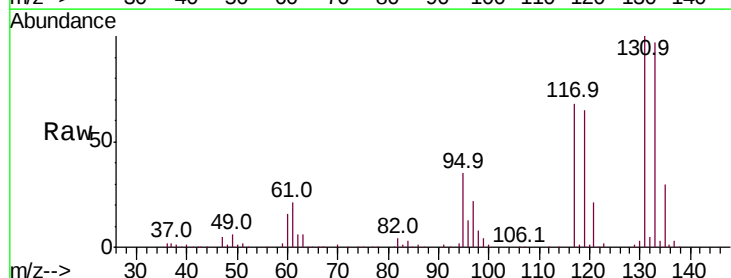
Tgt Ion:131 Resp: 158285

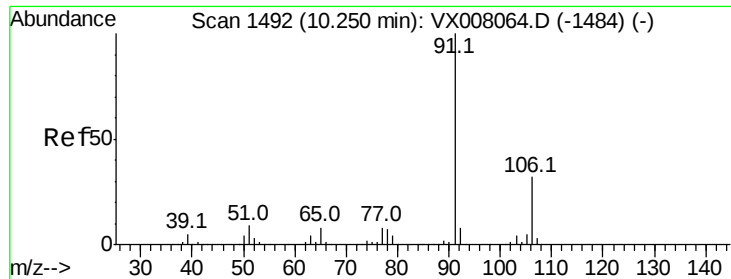
Ion Ratio Lower Upper

131 100

133 96.6 47.8 143.3

119 65.5 32.5 97.5





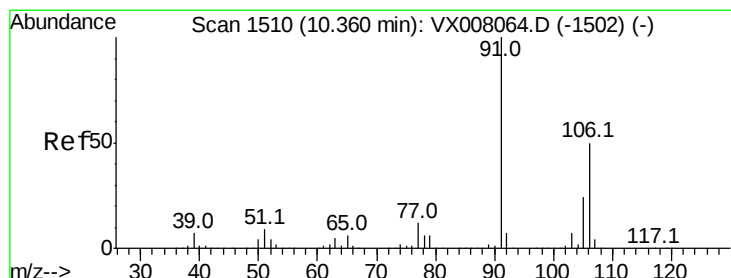
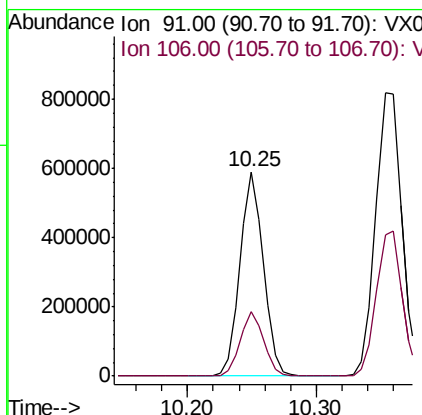
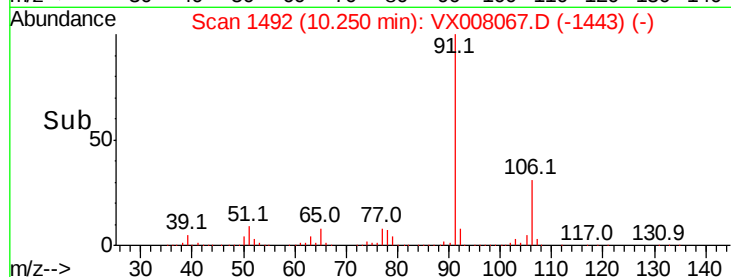
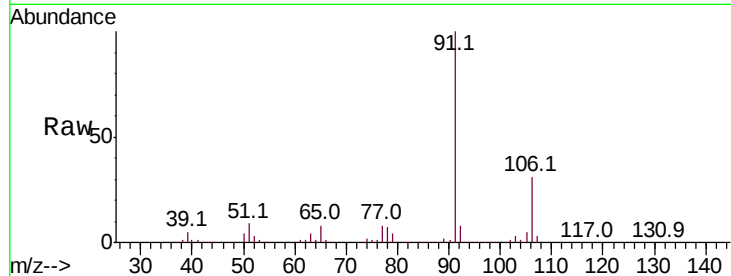
#67
Ethyl Benzene
Concen: 55.356 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion: 91 Resp: 742690
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8

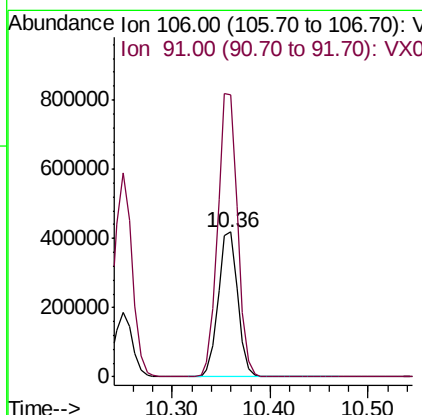
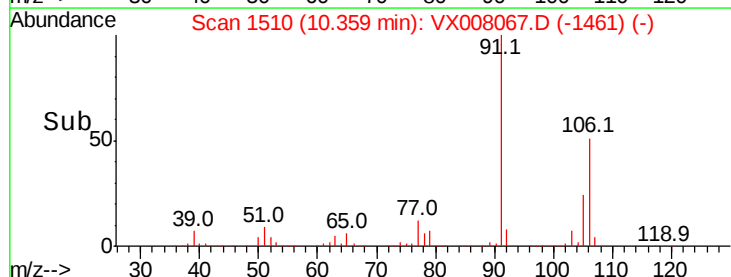
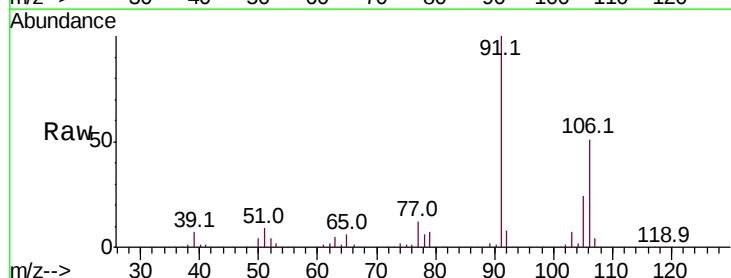
Manual Integrations
APPROVED

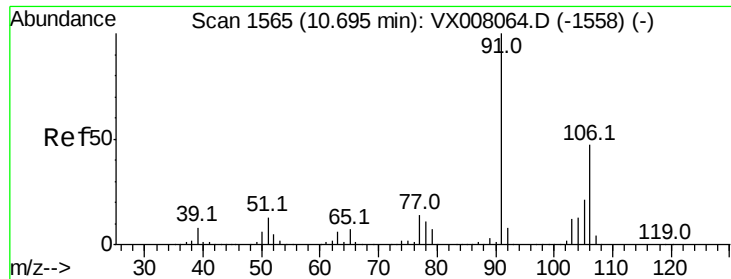
MMDadoda
3/15/2019 9:07:11 AM



#68
m/p-Xylenes
Concen: 112.208 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 106 Resp: 576056
Ion Ratio Lower Upper
106 100
91 199.0 159.8 239.6





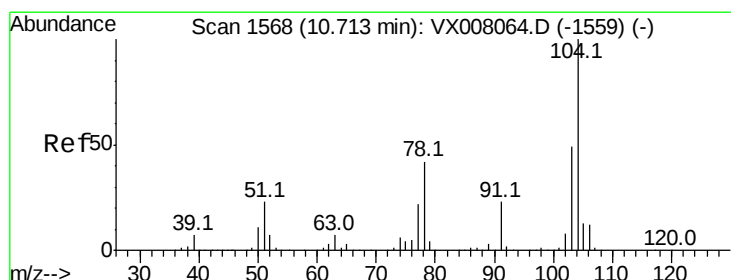
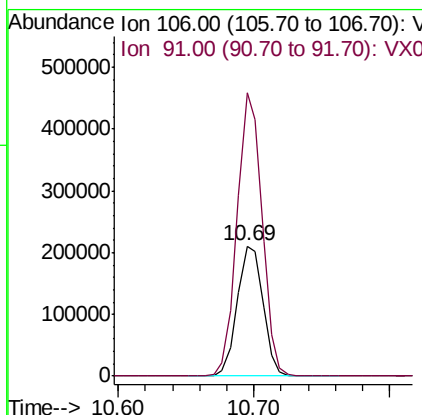
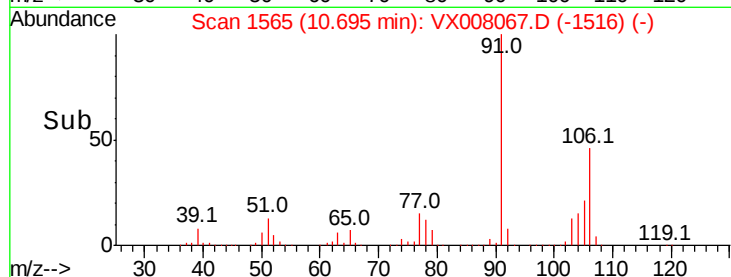
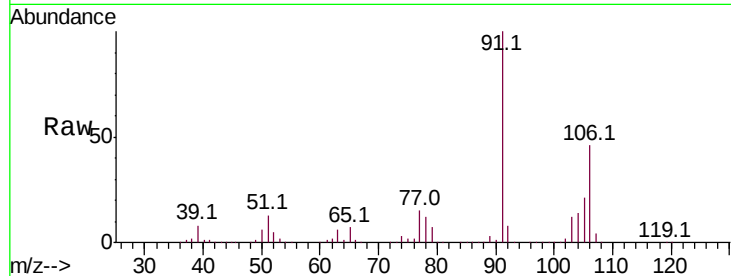
#69
o-Xylene
Concen: 55.661 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion:106 Resp: 278568
Ion Ratio Lower Upper
106 100
91 210.6 106.3 318.9

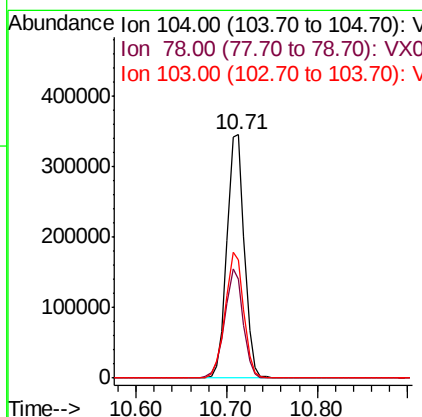
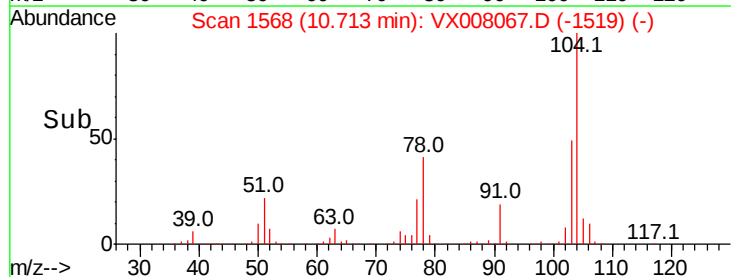
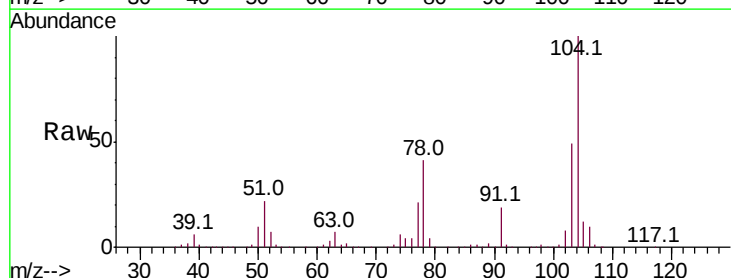
Manual Integrations
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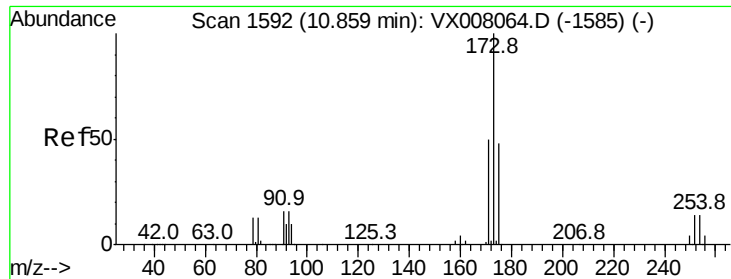
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#70
Styrene
Concen: 56.202 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion:104 Resp: 460788
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 55.1 44.1 66.1





#71

Bromoform

Concen: 56.645 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

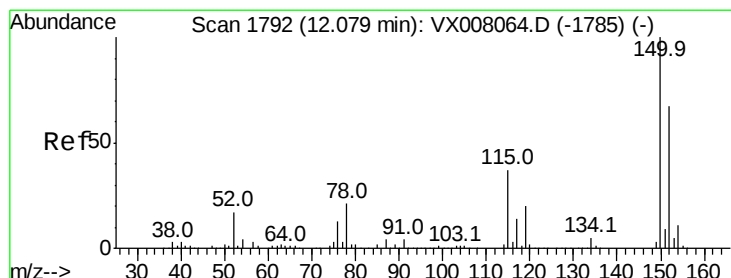
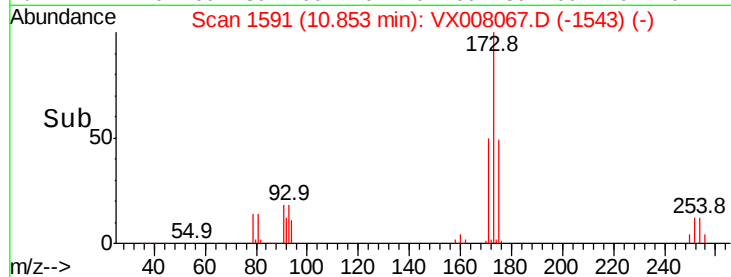
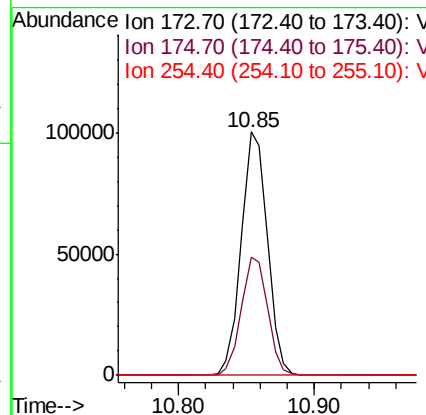
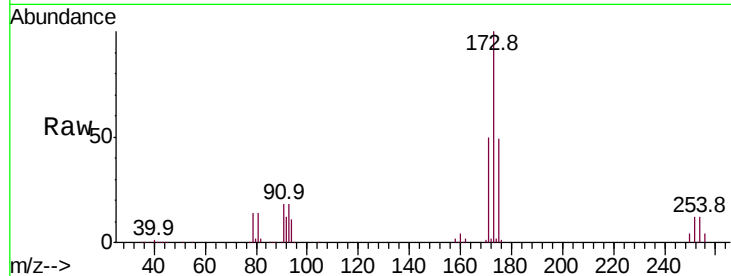
ClientSampleId :

ICVVX031419

Tot Ion:	173	Resp:	134851
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.3	72.9
254	0.1	0.1	0.1

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

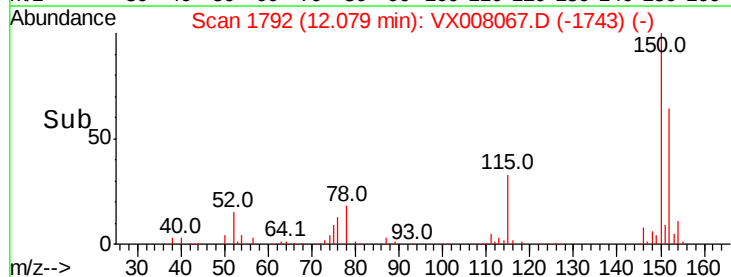
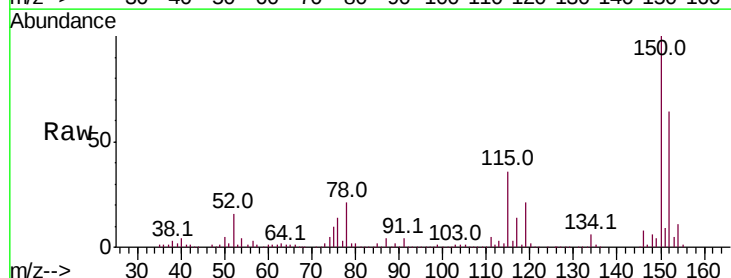
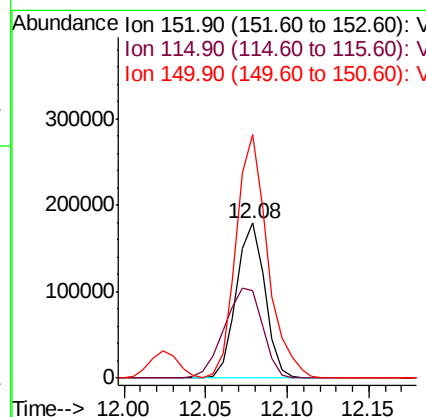
RT: 12.08 min Scan# 1792

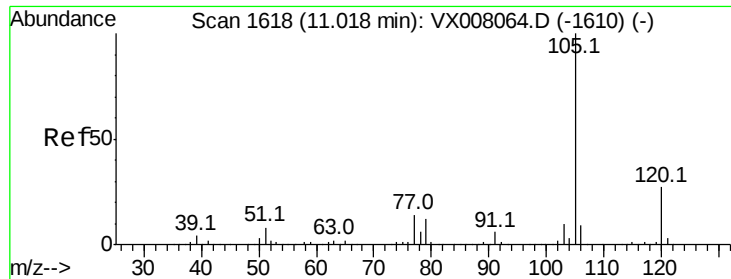
Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion:	152	Resp:	218772
Ion Ratio	Lower	Upper	
152	100		
115	77.7	38.6	115.7
150	173.6	0.0	348.4





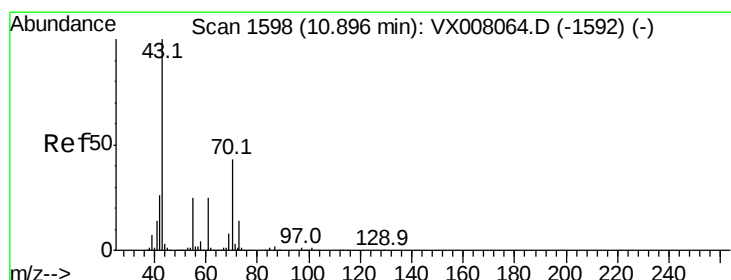
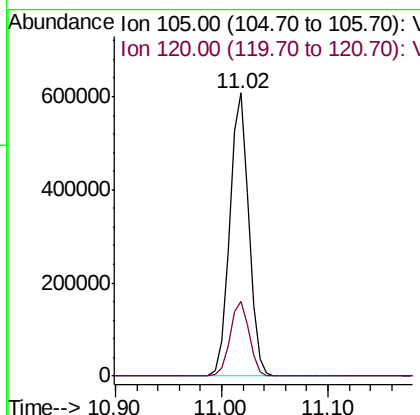
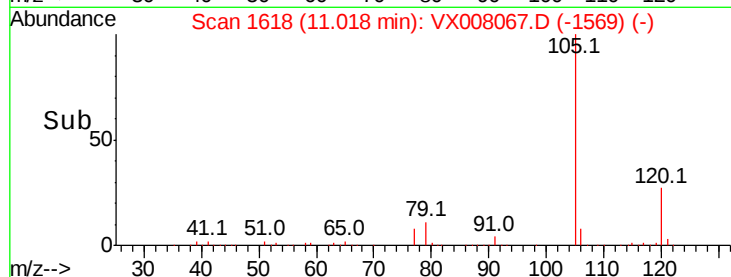
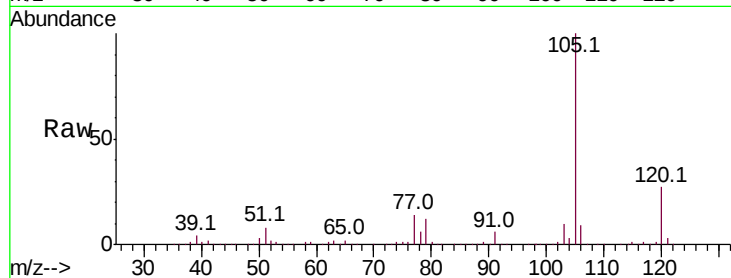
#73
Isopropylbenzene
Concen: 54.218 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031419

Tot Ion: 105 Resp: 759707
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

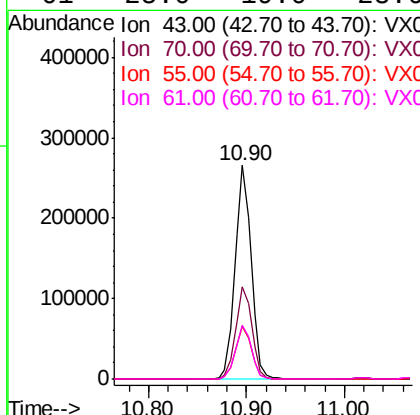
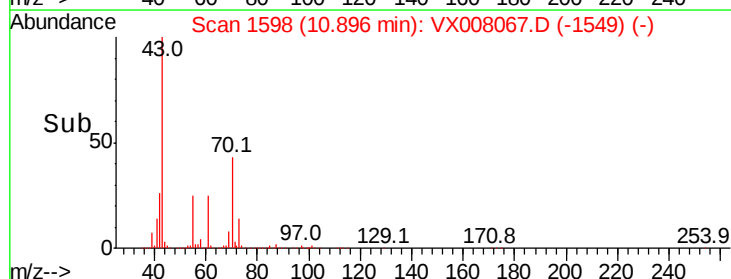
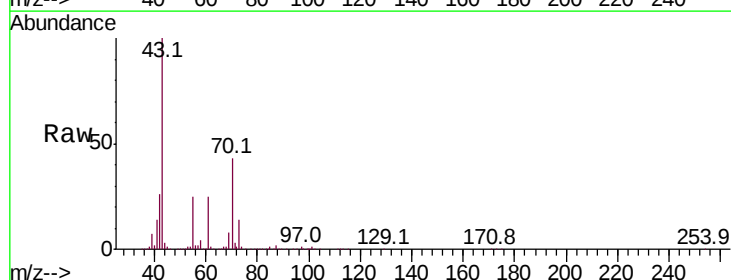
Manual Integrations
APPROVED

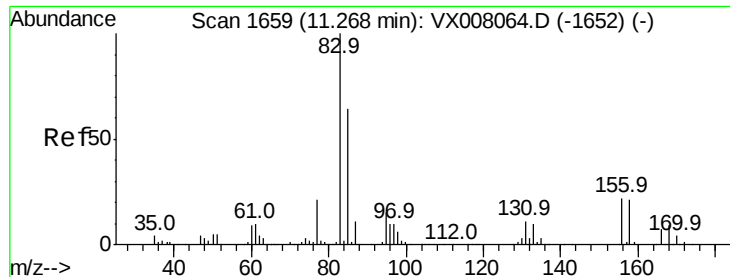
MMDadoda
3/15/2019 9:07:11 AM



#74
N-ethyl acetate
Concen: 51.310 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion: 43 Resp: 303284
Ion Ratio Lower Upper
43 100
70 43.7 33.5 50.3
55 24.7 19.2 28.8
61 25.0 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.157 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 83 Resp: 230279

Ion Ratio Lower Upper

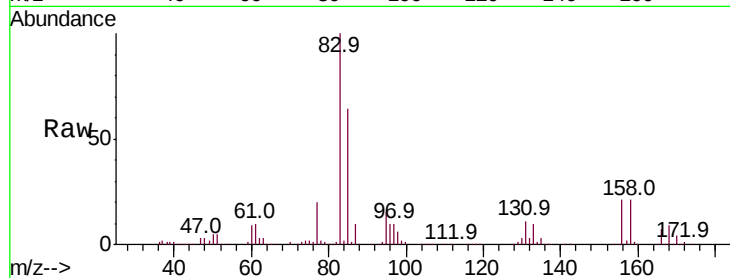
83 100

131 10.8 5.4 16.2

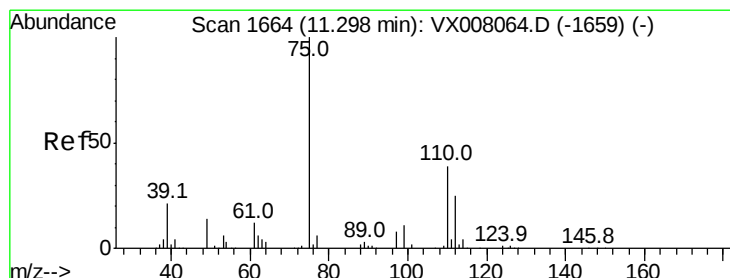
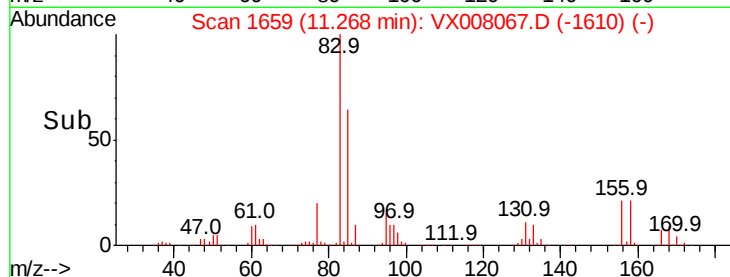
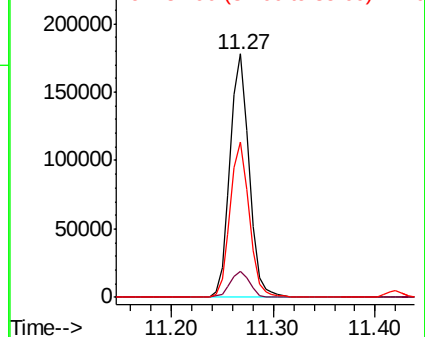
85 63.9 32.3 96.8

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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: 59.331 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX008067.D

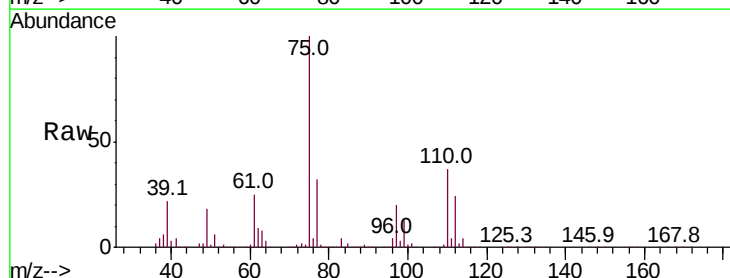
Acq: 14 Mar 2019 13:17

Tgt Ion: 75 Resp: 225423

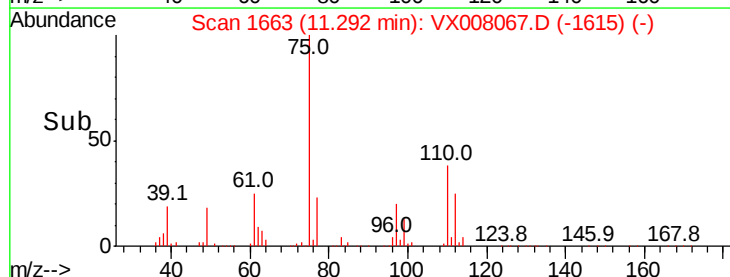
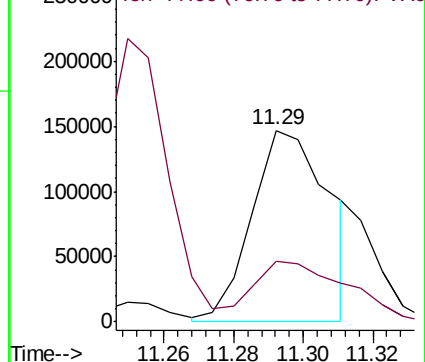
Ion Ratio Lower Upper

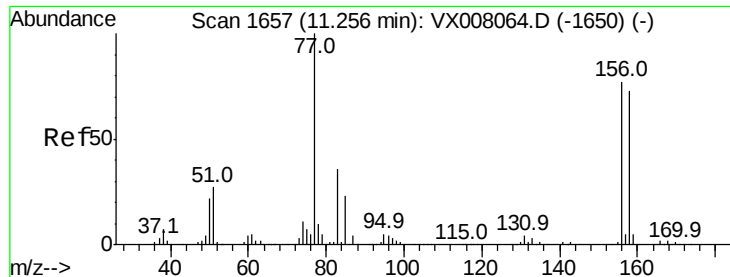
75 100

77 39.1 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: 52.857 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

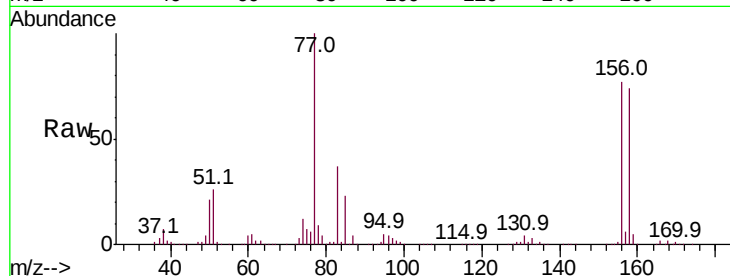
ClientSampleId :

ICVVX031419

Tot Ion:	156	Resp:	202157
Ion Ratio	Lower	Upper	
156	100		
77	138.1	72.0	215.9
158	97.1	48.6	145.9

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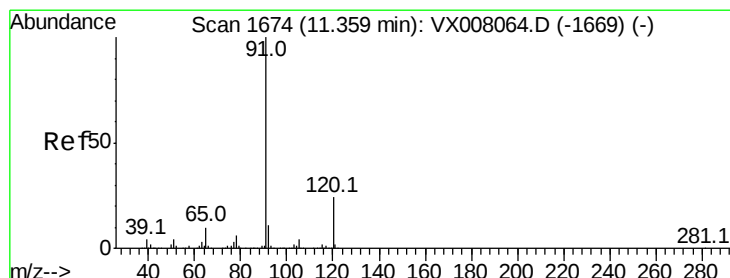
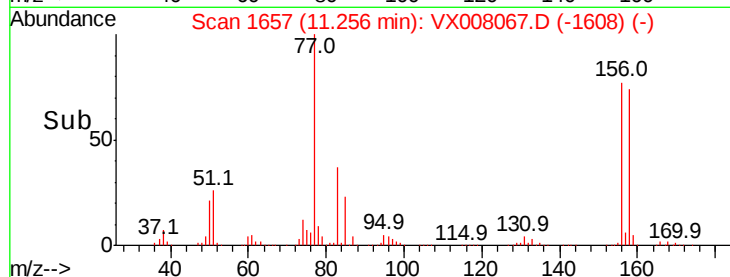
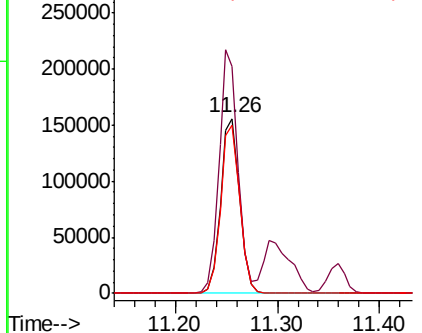
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.344 ug/l

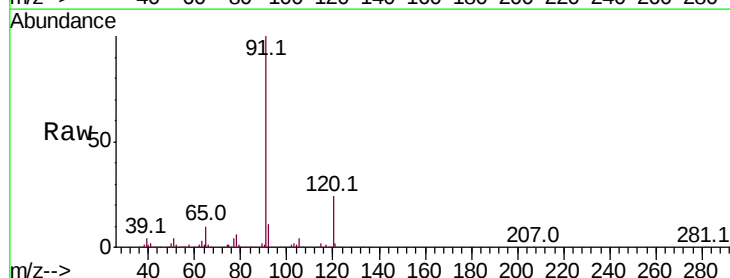
RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008067.D

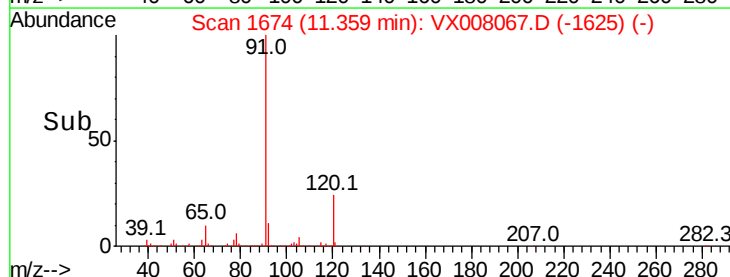
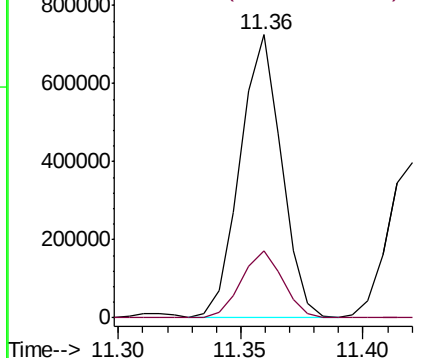
Acq: 14 Mar 2019 13:17

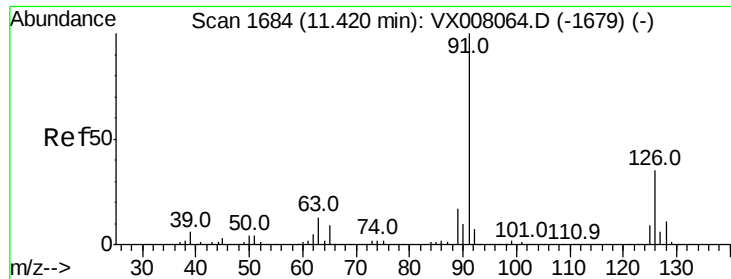
Tgt Ion:	91	Resp:	850792
Ion Ratio	Lower	Upper	
91	100		
120	24.1	12.0	36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





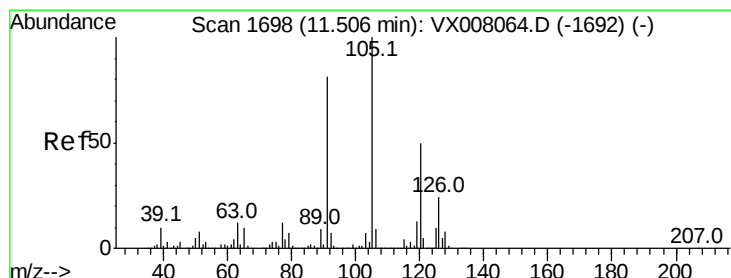
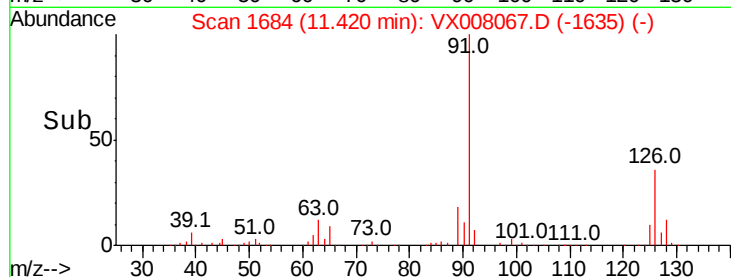
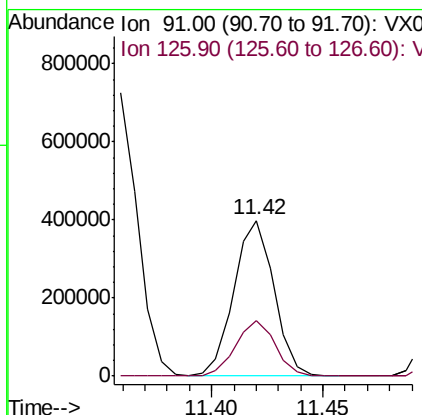
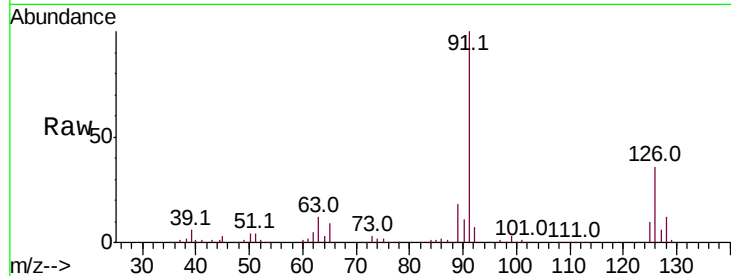
#79
 2-Chlorotoluene
 Concen: 52.945 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion: 91 Resp: 497063
 Ion Ratio Lower Upper
 91 100
 126 35.5 17.5 52.6

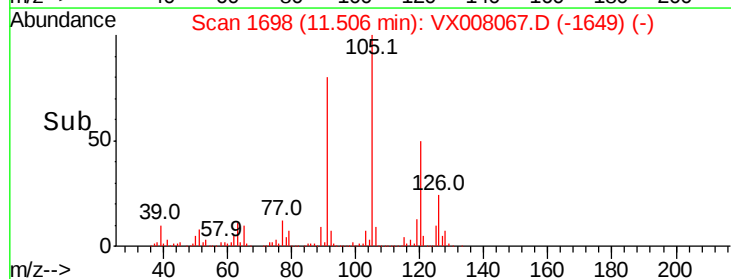
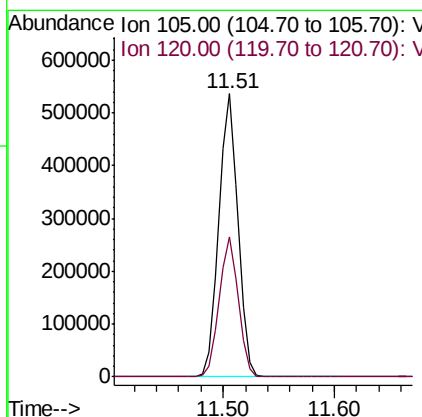
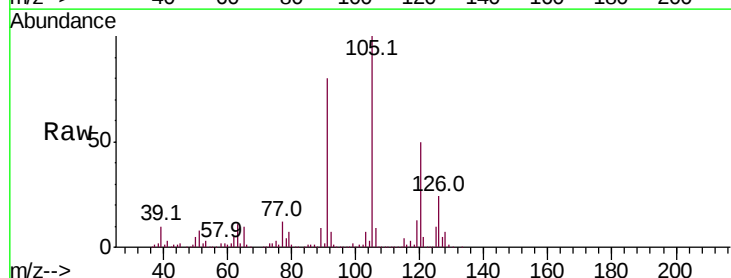
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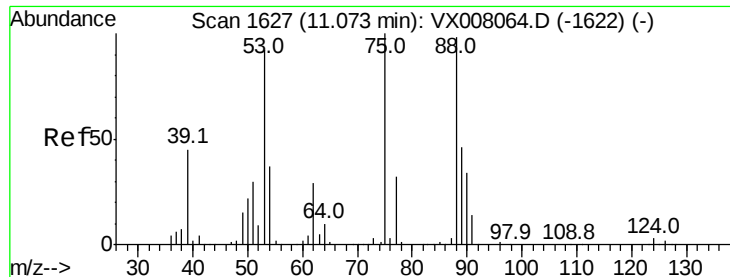
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#80
 1,3,5-Trimethylbenzene
 Concen: 55.059 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion: 105 Resp: 635726
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 55.820 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion: 75 Resp: 74529

Ion Ratio Lower Upper

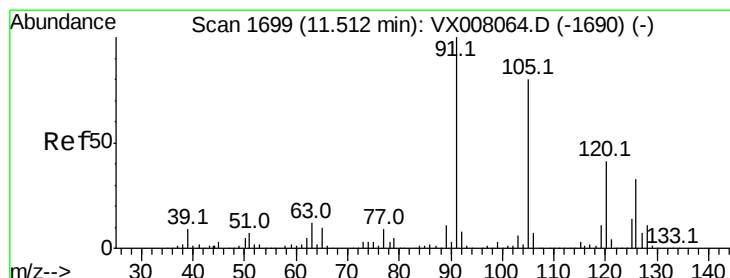
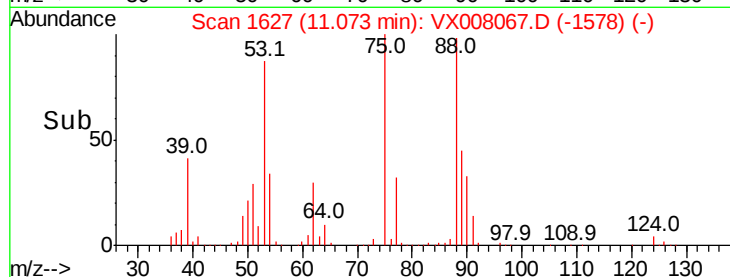
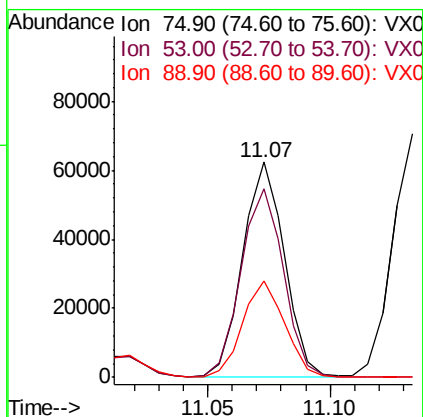
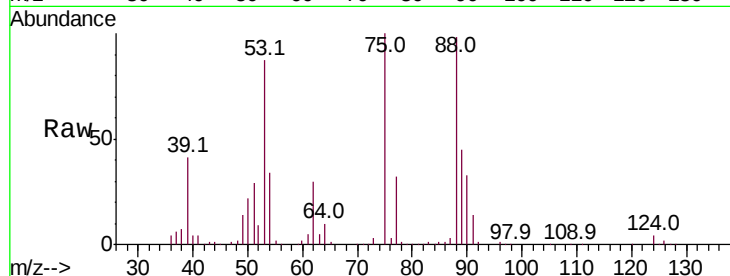
75 100

53 88.4 76.1 114.1

89 45.3 36.3 54.5

Manual Integrations
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#82

4-Chlorotoluene

Concen: 53.722 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008067.D

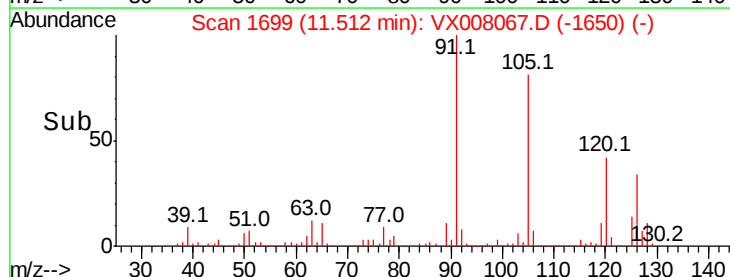
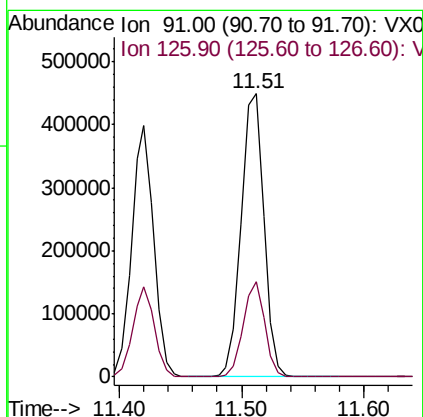
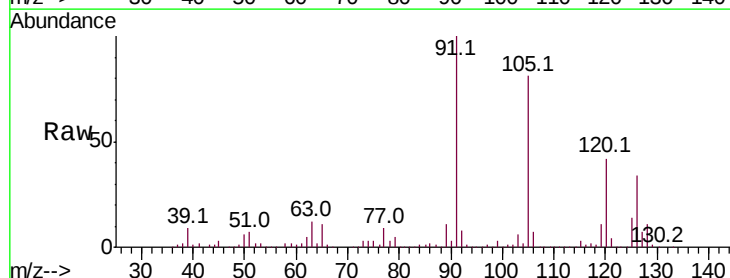
Acq: 14 Mar 2019 13:17

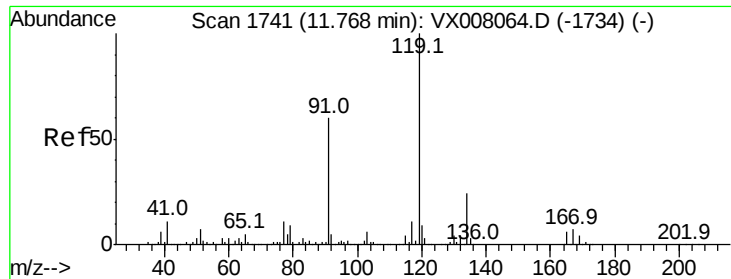
Tgt Ion: 91 Resp: 577653

Ion Ratio Lower Upper

91 100

126 31.7 15.6 46.8





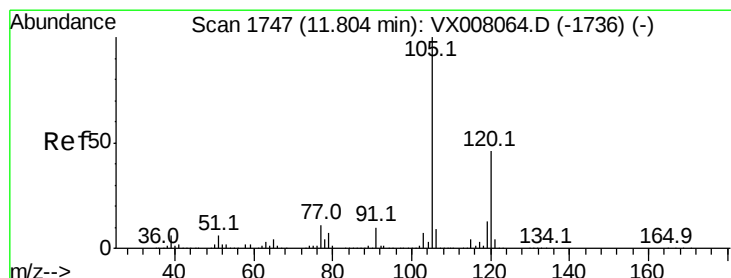
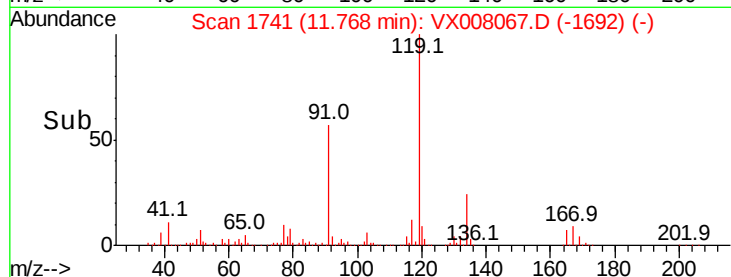
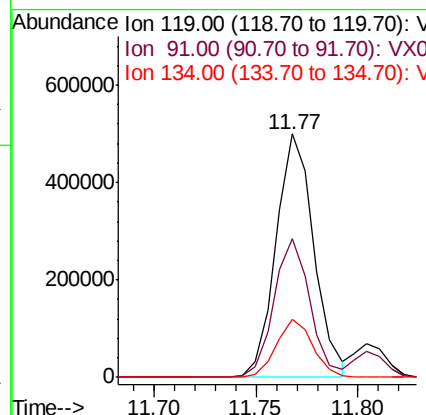
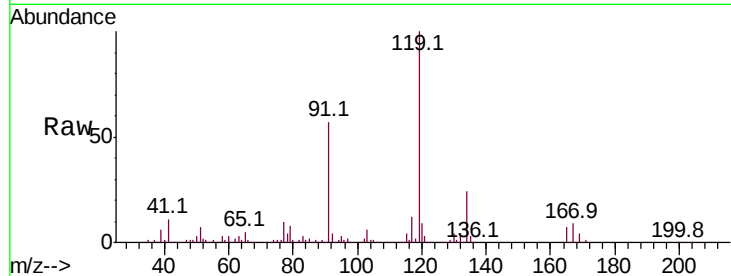
#83
 tert-Butylbenzene
 Concen: 55.937 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion	Ratio	Resp	Lower	Upper
119	100	647231		
91	54.6	27.1	81.3	
134	22.9	11.4	34.1	

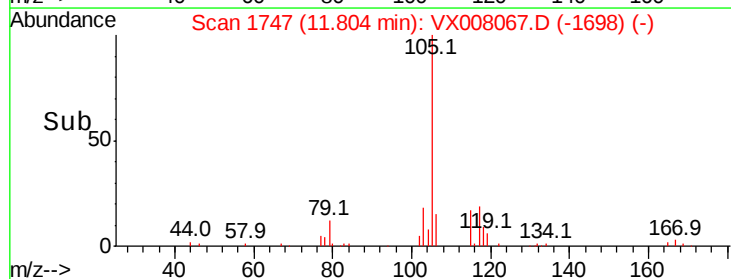
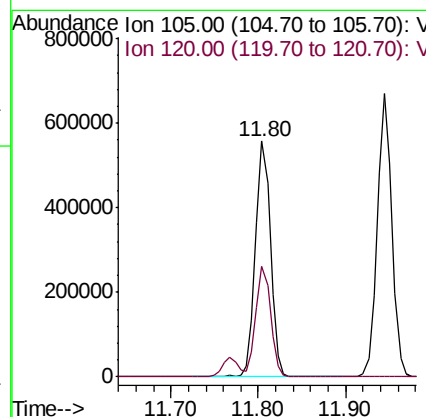
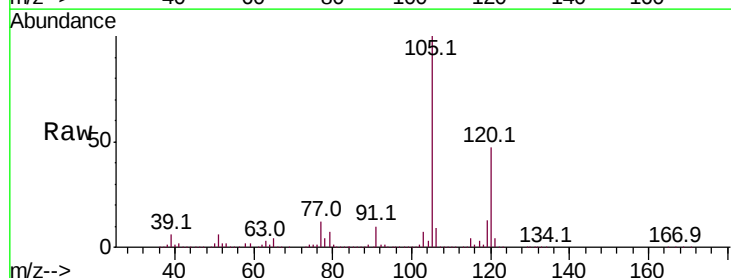
Manual Integrations
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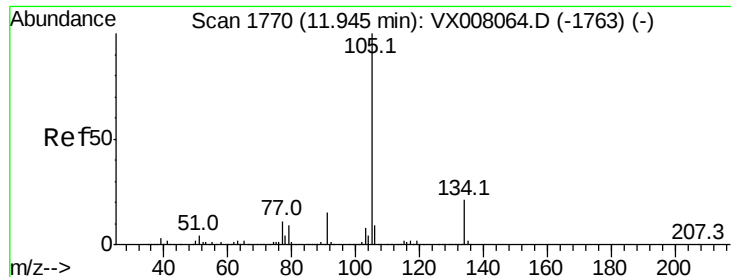
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.595 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	662137		
120	45.7	22.6	67.7	





#85

sec-Butylbenzene

Concen: 57.081 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031419

Tot Ion:105 Resp: 786909

Ion Ratio Lower Upper

105 100

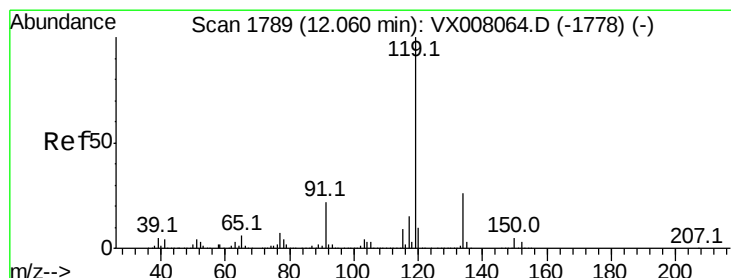
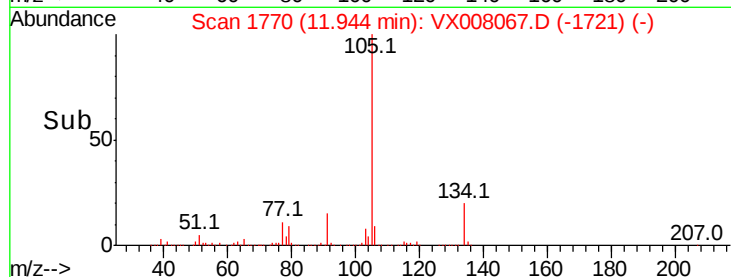
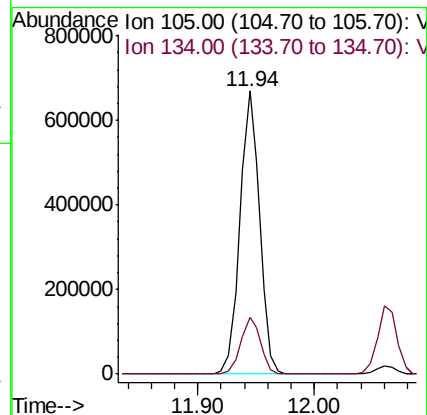
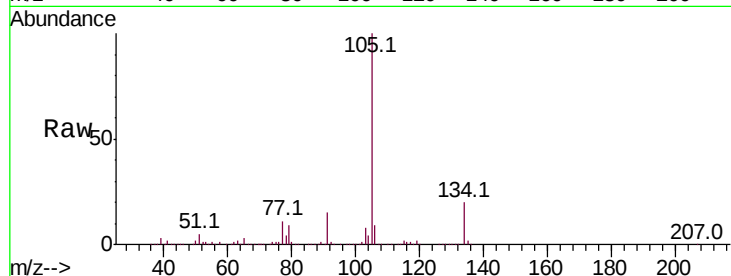
134 20.4 10.4 31.2

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 57.566 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

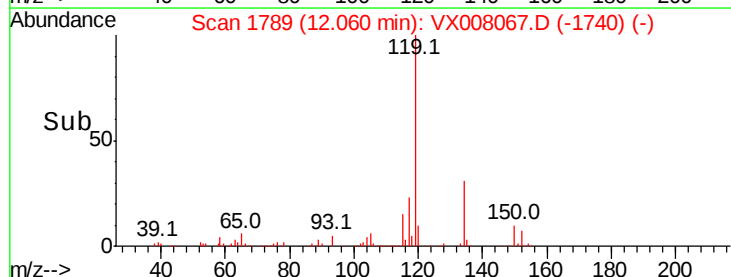
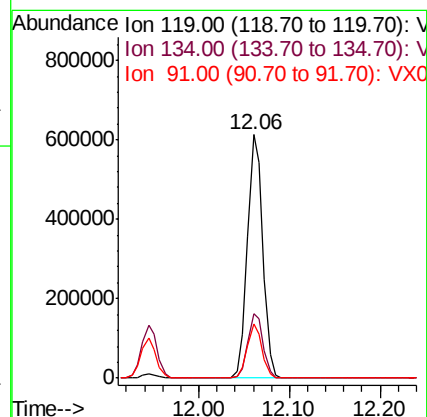
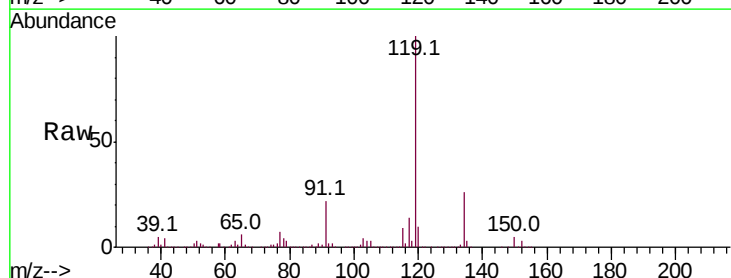
Tgt Ion:119 Resp: 717728

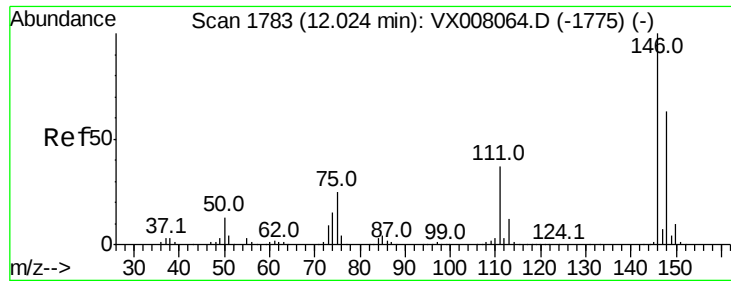
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.9

91 21.4 10.9 32.7





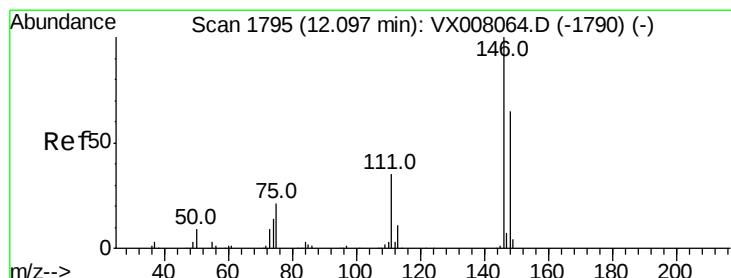
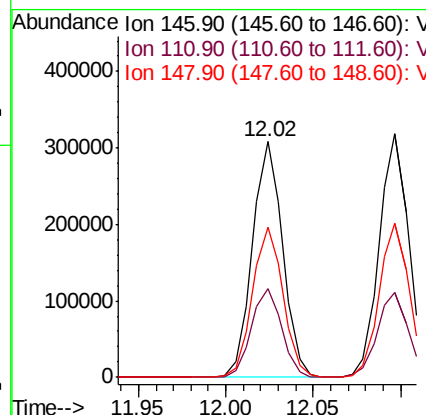
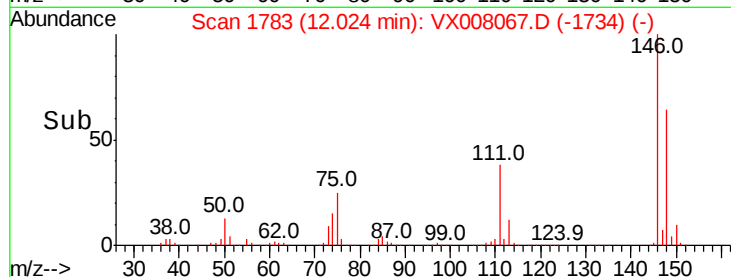
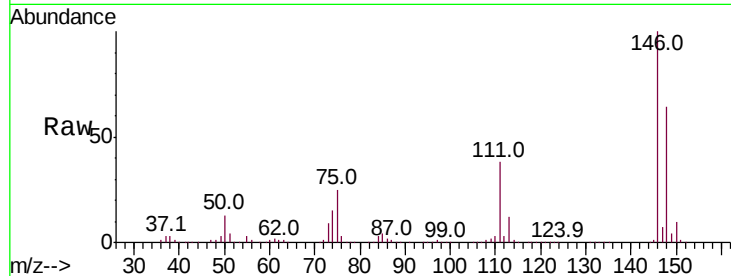
#87
 1,3-Dichlorobenzene
 Concen: 54.422 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.9	56.7
148	64.1	31.7	95.1

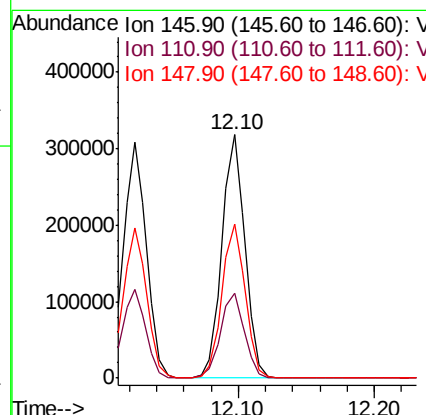
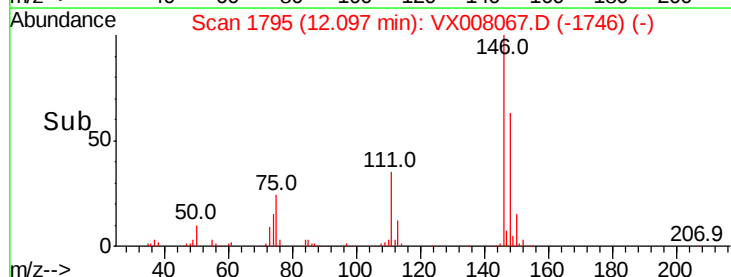
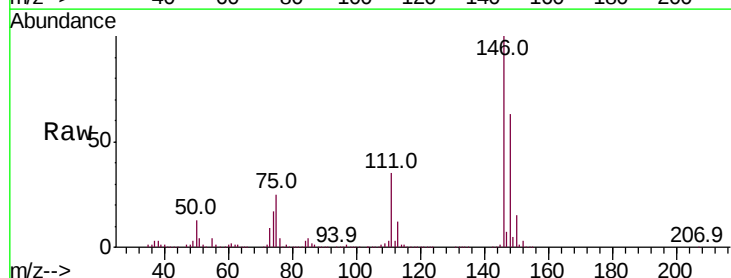
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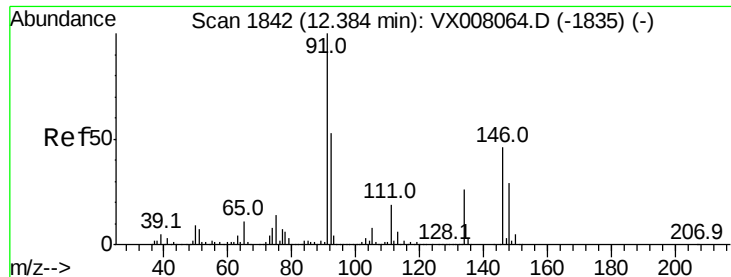
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#88
 1,4-Dichlorobenzene
 Concen: 53.871 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	64.5	32.2	96.6





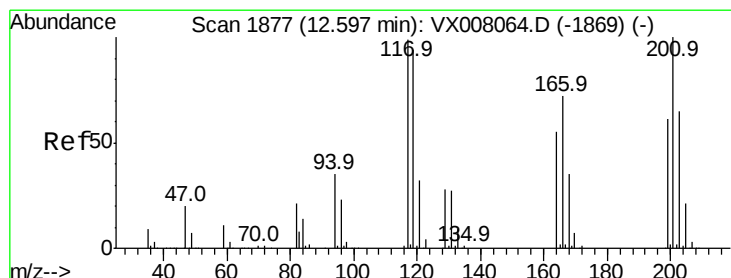
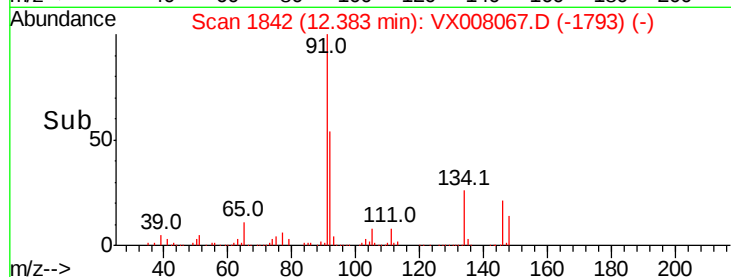
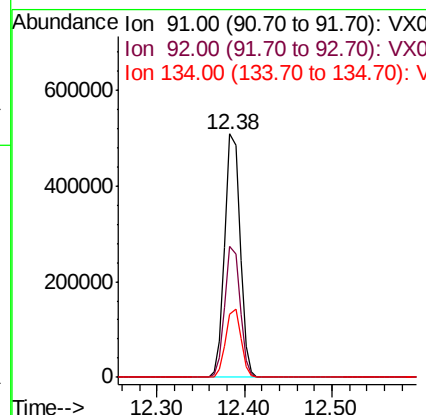
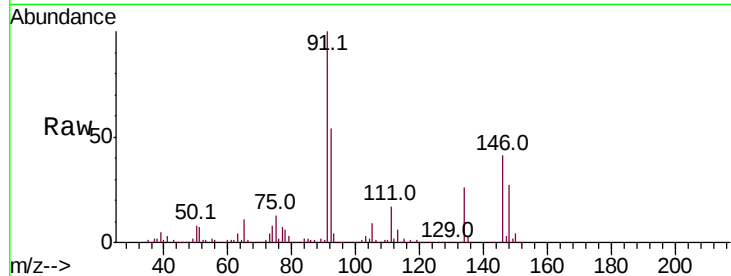
#89
n-Butylbenzene
Concen: 58.838 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Instrument :
MSVOA_X
ClientSampleId :
ICVX031419

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.0	80.8
134	27.9	13.7	41.0

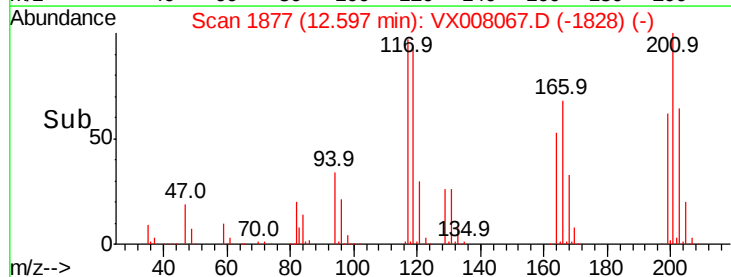
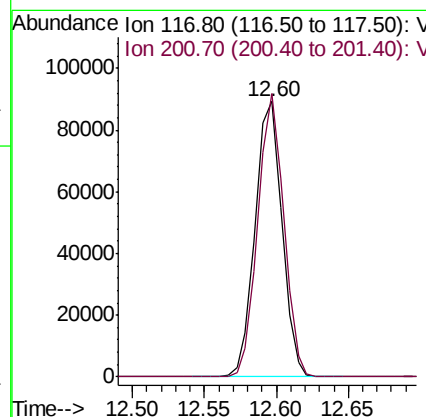
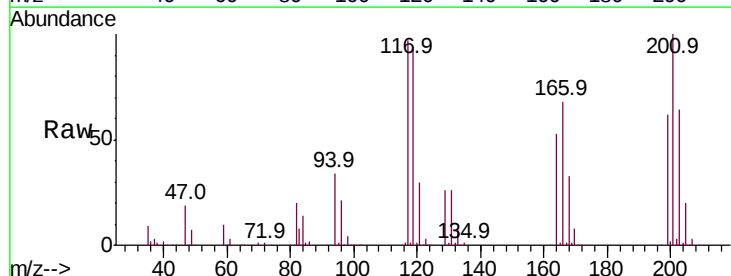
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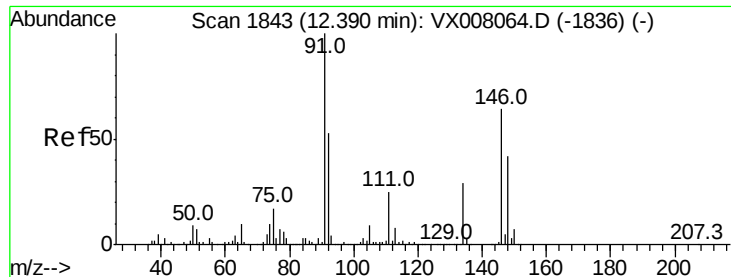
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#90
Hexachloroethane
Concen: 57.454 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX008067.D
Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	98.8	48.9	146.7





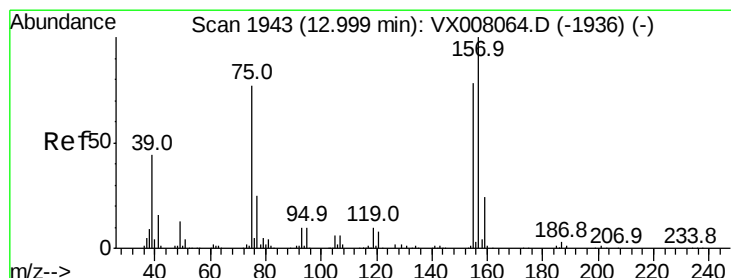
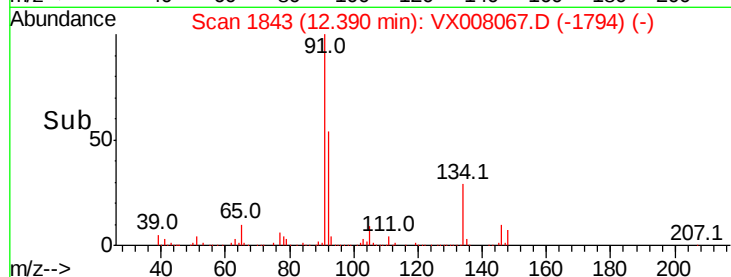
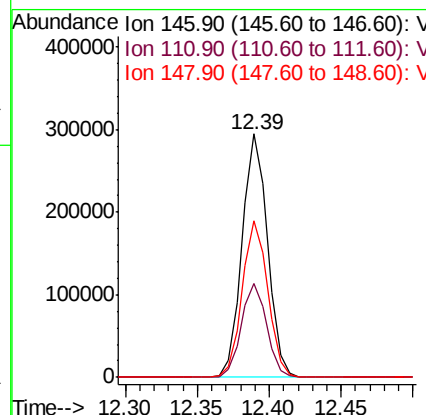
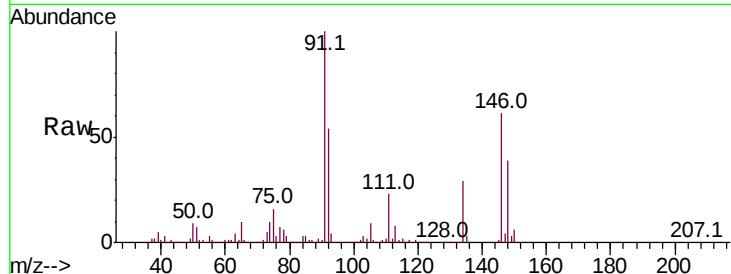
#91
 1,2-Dichlorobenzene
 Concen: 53.812 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion	Ratio	Resp	Lower	Upper
146	100	363410		
111	38.5	19.6	58.8	
148	64.7	31.9	95.5	

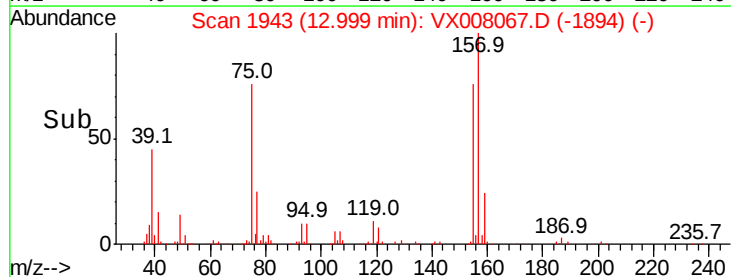
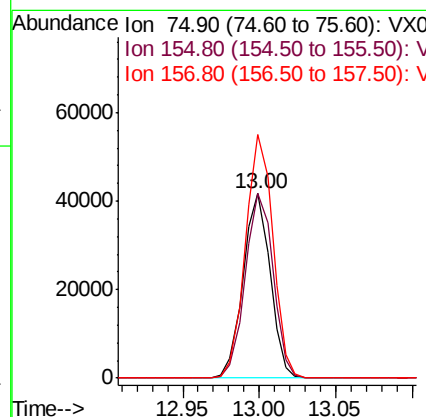
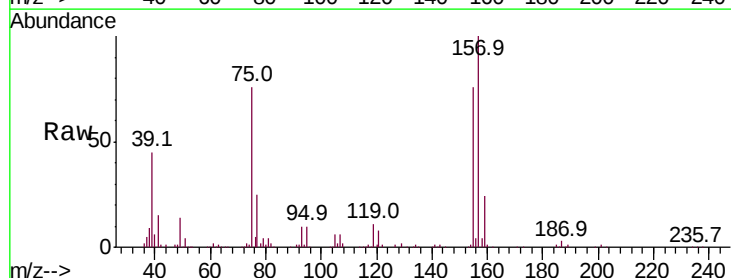
Manual Integrations
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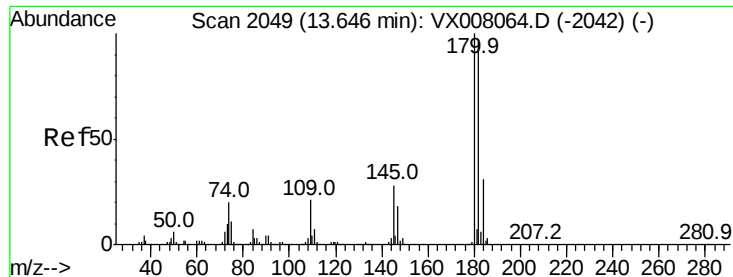
MMDadoda
 3/15/2019 9:07:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.053 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51102		
155	103.9	49.7	149.1	
157	133.9	63.8	191.4	





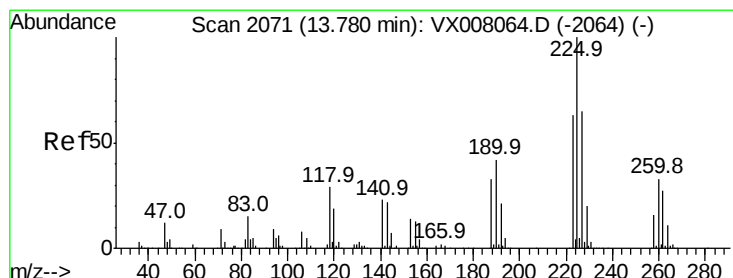
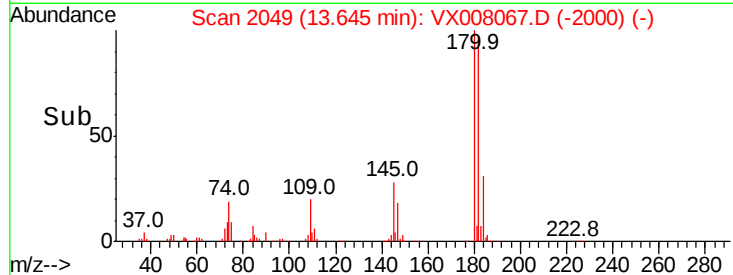
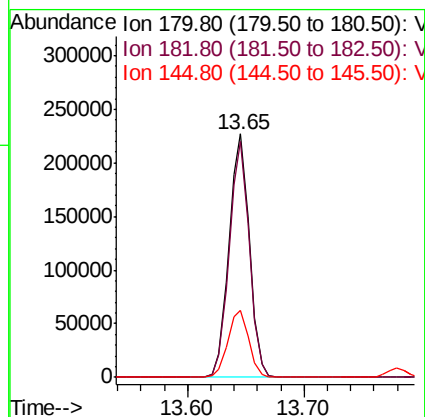
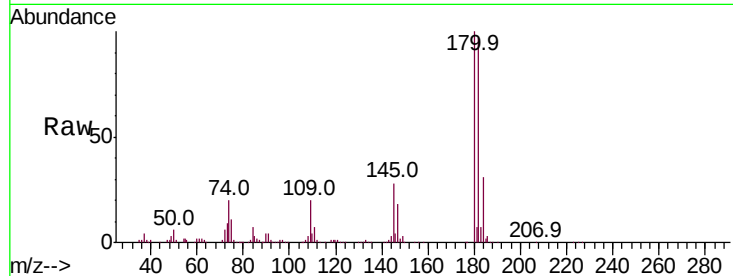
#93
 1,2,4-Trichlorobenzene
 Concen: 57.271 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031419

Tot Ion:	180	Resp:	273971
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.9	143.7
145	28.4	14.1	42.4

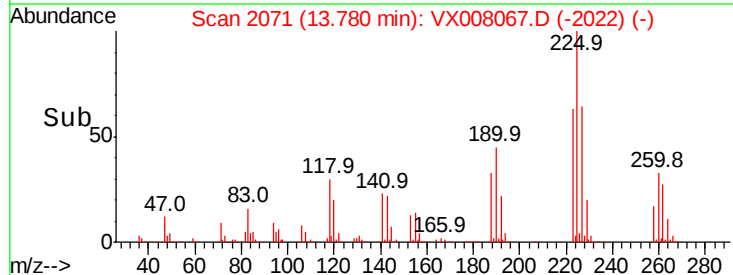
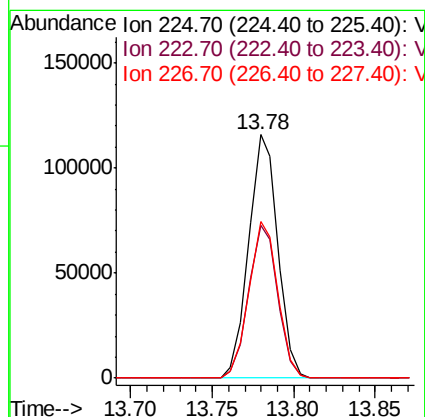
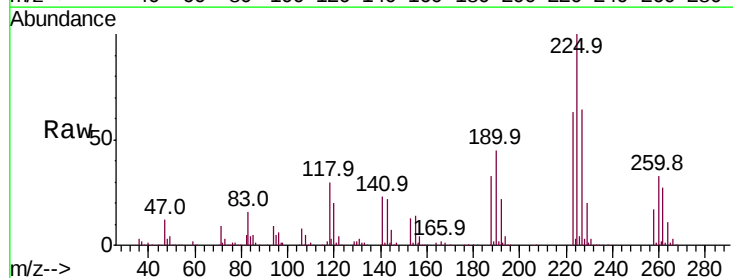
Manual Integrations
 APPROVED

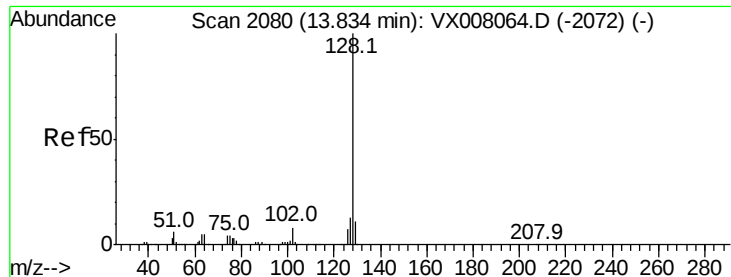
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 3/15/2019 9:07:11 AM



#94
 Hexachlorobutadiene
 Concen: 55.569 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008067.D
 Acq: 14 Mar 2019 13:17

Tgt Ion:	225	Resp:	144427
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.2
227	64.1	32.0	96.0





#95

Naphthalene

Concen: 58.146 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Instrument :

MSVOA_X

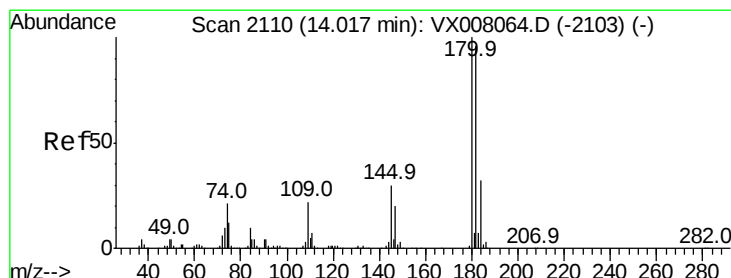
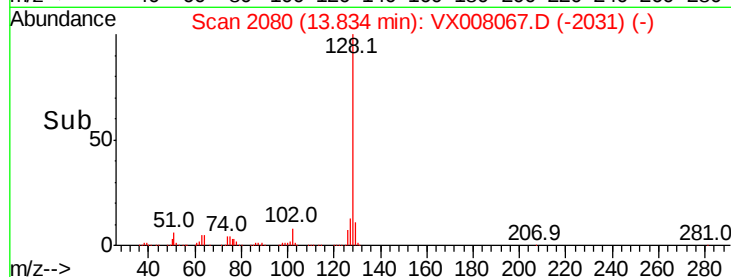
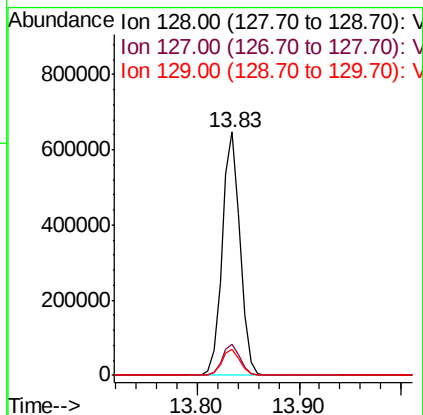
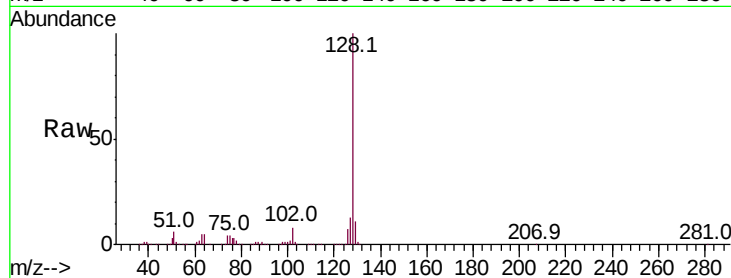
ClientSampleId :

ICVVX031419

Tot Ion:	128	Resp:	782138
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 57.335 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008067.D

Acq: 14 Mar 2019 13:17

Tgt Ion:	180	Resp:	270009
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.5	142.5
145	29.5	14.8	44.3

