

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
 Data File : VX007174.D
 Acq On : 22 Jan 2019 11:48
 Operator : JC/SP
 Sample : VX0122WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/23/2019 11:29:28 AM

Quant Time: Jan 23 00:32:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	476209	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	686402	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	627394	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	348857	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	253585	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	230471	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
50) Toluene-d8	8.71	98	840284	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
62) 4-Bromofluorobenzene	11.13	95	313838	55.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.90%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	75719	19.362	ug/l 99
3) Chloromethane	1.32	50	83632	18.371	ug/l 98
4) Vinyl Chloride	1.41	62	90299	18.439	ug/l 100
5) Bromomethane	1.64	94	90830	17.360	ug/l 93
6) Chloroethane	1.72	64	58693	17.165	ug/l 98
7) Trichlorofluoromethane	1.93	101	146296	18.489	ug/l 96
8) Diethyl Ether	2.19	74	58374	18.543	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	89758	18.947	ug/l 98
10) Methyl Iodide	2.51	142	121168	18.962	ug/l 100
11) Tert butyl alcohol	3.06	59	102371	87.199	ug/l 99
12) 1,1-Dichloroethene	2.38	96	81136	18.538	ug/l 93
13) Acrolein	2.29	56	60322	120.752	ug/l 97
14) Allyl chloride	2.73	41	134861	17.979	ug/l 99
15) Acrylonitrile	3.14	53	242882	90.121	ug/l 99
16) Acetone	2.44	43	236359	96.067	ug/l 98
17) Carbon Disulfide	2.57	76	171463	15.216	ug/l 97
18) Methyl Acetate	2.78	43	131444	18.448	ug/l 97
19) Methyl tert-butyl Ether	3.20	73	282171	18.575	ug/l 99
20) Methylene Chloride	2.86	84	91497	19.204	ug/l 97
21) trans-1,2-Dichloroethene	3.17	96	87450	17.930	ug/l 99
22) Diisopropyl ether	3.87	45	264519	18.758	ug/l 93
23) Vinyl Acetate	3.82	43	1078964	90.729	ug/l 99
24) 1,1-Dichloroethane	3.70	63	157140	19.929	ug/l 99
25) 2-Butanone	4.68	43	328672	93.361	ug/l 99
26) 2,2-Dichloropropane	4.58	77	113844	18.776	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	99628	18.519	ug/l 98
28) Bromochloromethane	5.02	49	66640	19.290	ug/l 95
29) Tetrahydrofuran	5.14	42	196740	85.994	ug/l 98
30) Chloroform	5.21	83	157937	19.131	ug/l 100
31) Cyclohexane	5.57	56	125130	17.830	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	130096	18.592	ug/l 96
36) 1,1-Dichloropropene	5.79	75	114103	19.120	ug/l 98
37) Ethyl Acetate	4.84	43	117626	18.385	ug/l 98
38) Carbon Tetrachloride	5.78	117	114853	19.129	ug/l 95

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Quant Time: Jan 23 00:32:56 2019
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140909	18.521	ug/l	99
40) Benzene	6.14	78	349549	19.196	ug/l	99
41) Methacrylonitrile	5.05	41	66871	18.143	ug/l	97
42) 1,2-Dichloroethane	6.20	62	122090	19.403	ug/l	99
43) Isopropyl Acetate	6.45	43	186781	18.508	ug/l	99
44) Trichloroethene	7.21	130	104010	19.061	ug/l	96
45) 1,2-Dichloropropane	7.51	63	88781	19.393	ug/l	97
46) Dibromomethane	7.66	93	61005	18.961	ug/l	95
47) Bromodichloromethane	7.90	83	106494	19.446	ug/l	95
48) Methyl methacrylate	7.77	41	96174	18.557	ug/l	97
49) 1,4-Dioxane	7.74	88	46997	391.872	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	627080	96.688	ug/l	99
52) Toluene	8.78	92	224658	19.195	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	113408	18.675	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	128709	19.192	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96012	20.495	ug/l	98
56) Ethyl methacrylate	9.18	69	131106	19.171	ug/l	93
57) 1,3-Dichloropropane	9.37	76	150639	19.628	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	362089	102.976	ug/l	99
59) 2-Hexanone	9.49	43	498149	100.791	ug/l	100
60) Dibromochloromethane	9.58	129	89483	19.672	ug/l	99
61) 1,2-Dibromoethane	9.67	107	101429	19.667	ug/l	98
64) Tetrachloroethene	9.34	164	107298	19.754	ug/l	97
65) Chlorobenzene	10.13	112	263448	19.253	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	92094	20.006	ug/l	98
67) Ethyl Benzene	10.25	91	432999	19.167	ug/l	100
68) m/p-Xylenes	10.36	106	342798	38.516	ug/l	99
69) o-Xylene	10.69	106	167318	19.276	ug/l	96
70) Styrene	10.71	104	274899	19.997	ug/l	100
71) Bromoform	10.86	173	64195	18.841	ug/l	99
73) Isopropylbenzene	11.02	105	452637	18.400	ug/l	99
74) N-amyl acetate	10.90	43	171538	17.320	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	141737	18.149	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131205m	18.559	ug/l	
77) Bromobenzene	11.26	156	124126	18.313	ug/l	98
78) n-propylbenzene	11.36	91	509766	18.877	ug/l	99
79) 2-Chlorotoluene	11.42	91	300305	18.474	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	376272	18.306	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	32547	16.625	ug/l	92
82) 4-Chlorotoluene	11.51	91	349030	18.544	ug/l	99
83) tert-Butylbenzene	11.77	119	374539	18.263	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	384577	18.606	ug/l	100
85) sec-Butylbenzene	11.94	105	468847	19.143	ug/l	99
86) p-Isopropyltoluene	12.06	119	414284	18.911	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	229068	18.698	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	233789	20.227	ug/l	100
89) n-Butylbenzene	12.38	91	350477	18.767	ug/l	99
90) Hexachloroethane	12.60	117	57552	18.407	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	226518	18.736	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25985	16.824	ug/l	94

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ClientSampleId :
VX0122WBS01

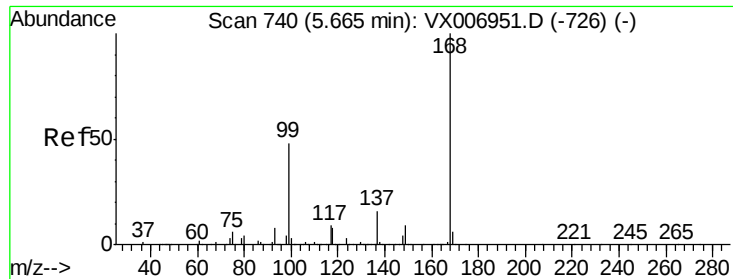
Manual Integrations
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1/23/2019 11:29:28 AM

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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	157573	18.997	ug/l	99
94) Hexachlorobutadiene	13.78	225	74162	20.148	ug/l	98
95) Naphthalene	13.83	128	460315	18.314	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	156540	18.998	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion:168 Resp: 476209

Ion Ratio Lower Upper

168 100

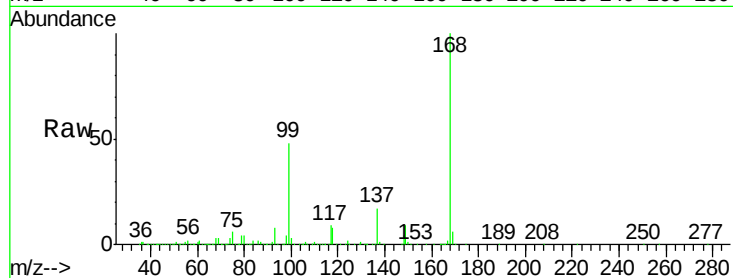
99 48.0 41.8 62.8

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

200000

150000

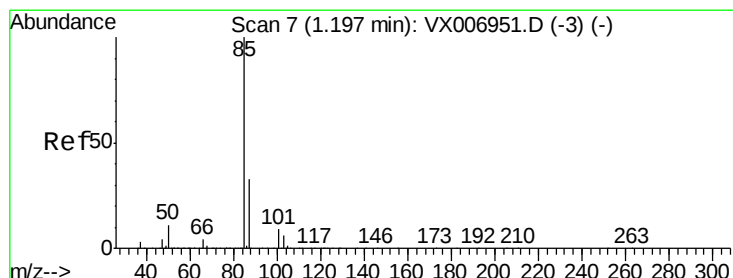
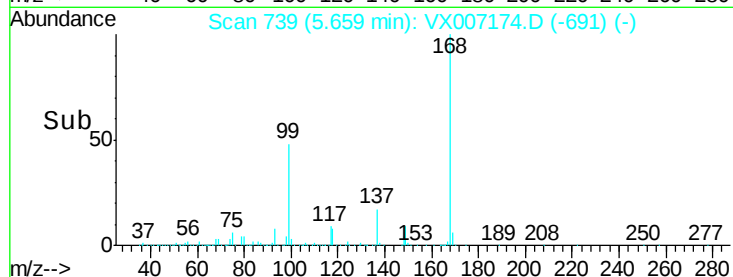
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50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.362 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007174.D

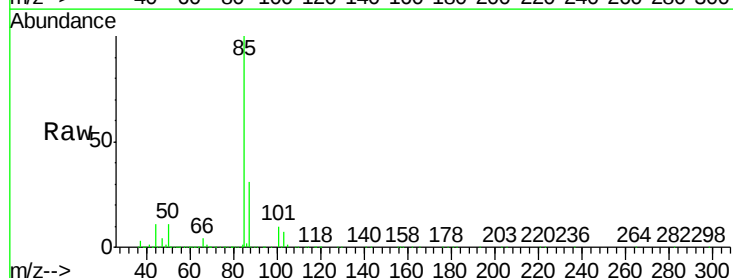
Acq: 22 Jan 2019 11:48

Tgt Ion: 85 Resp: 75719

Ion Ratio Lower Upper

85 100

87 31.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

60000

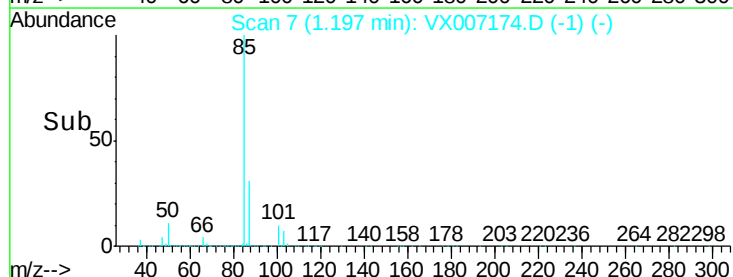
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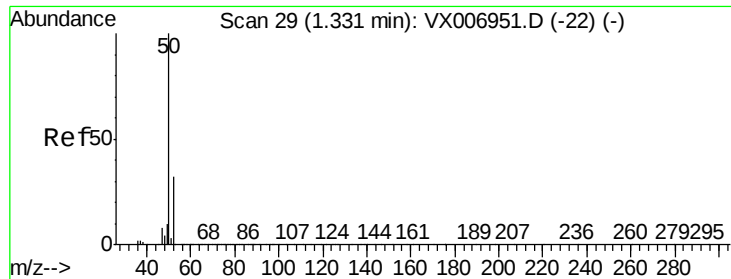
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1.15 1.20 1.25 1.30

Time-->





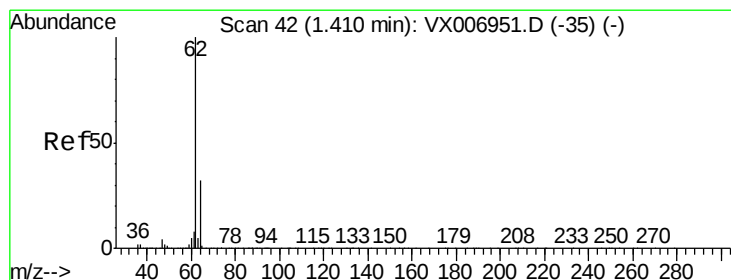
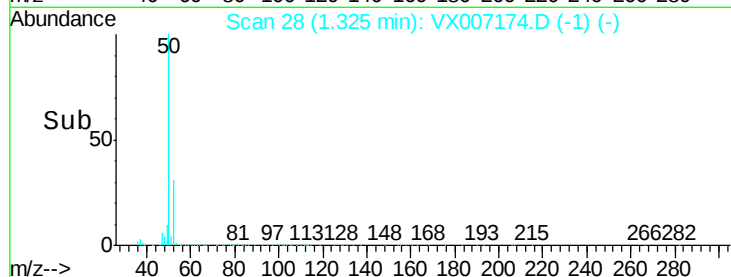
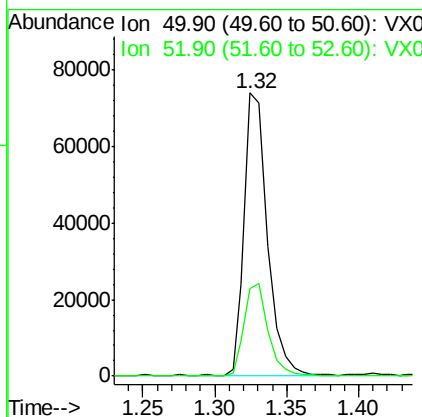
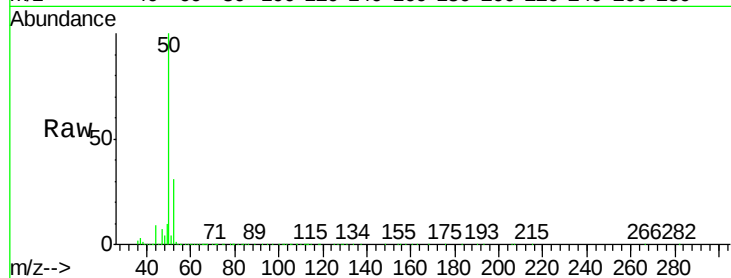
#3
Chloromethane
Concen: 18.371 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion: 50 Resp: 83632
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2

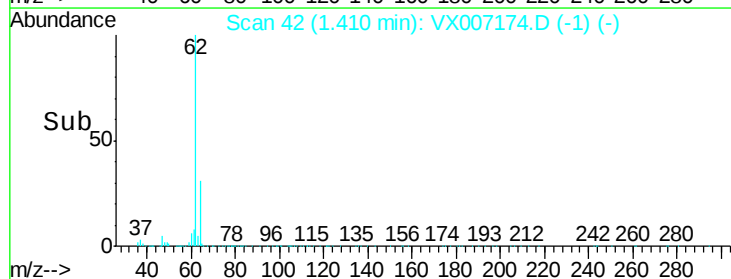
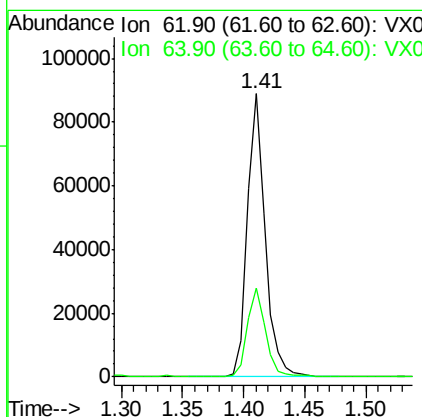
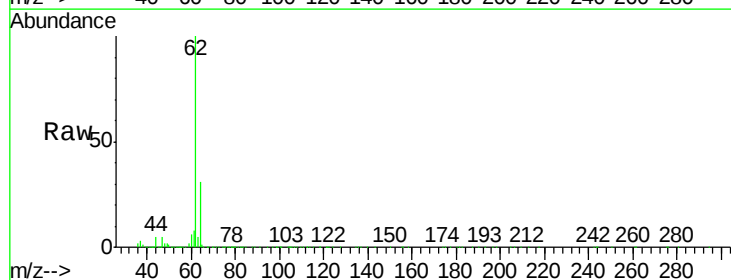
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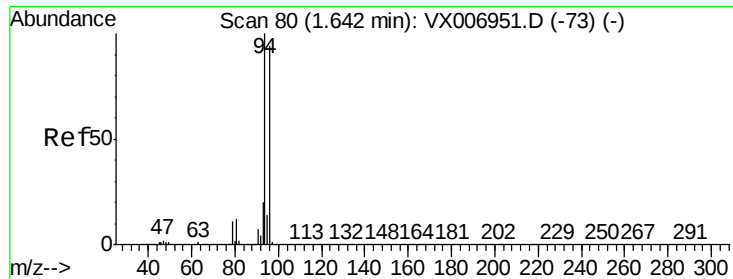
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#4
Vinyl Chloride
Concen: 18.439 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion: 62 Resp: 90299
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7





#5

Bromomethane

Concen: 17.360 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 94 Resp: 90830

Ion Ratio Lower Upper

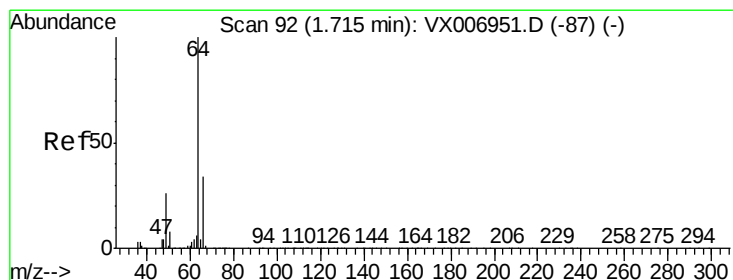
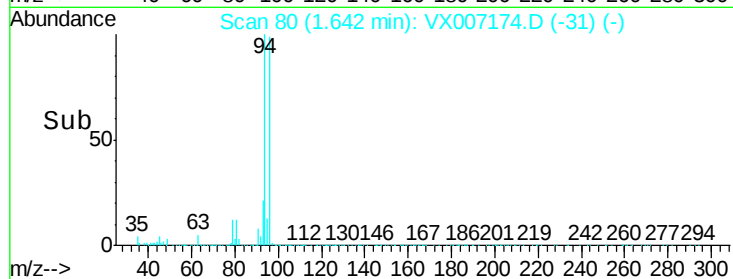
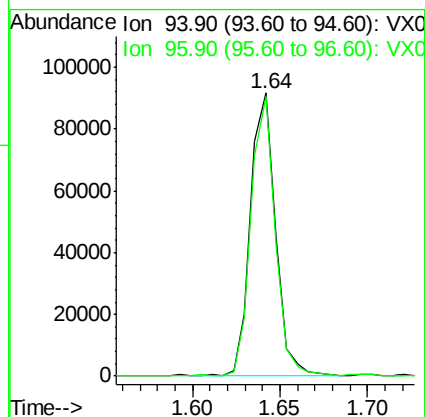
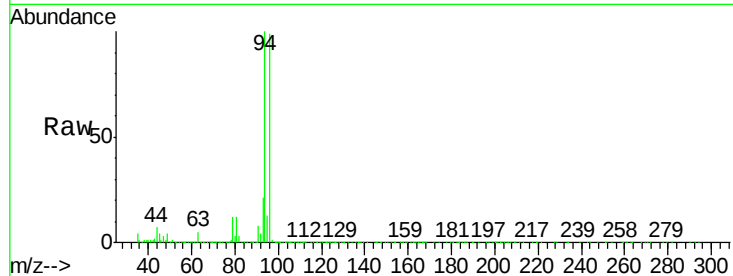
94 100

96 98.6 73.4 110.2

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#6

Chloroethane

Concen: 17.165 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007174.D

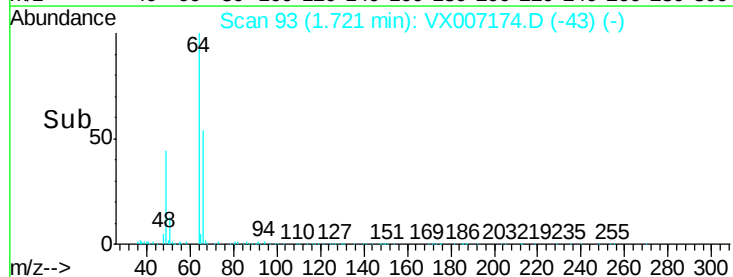
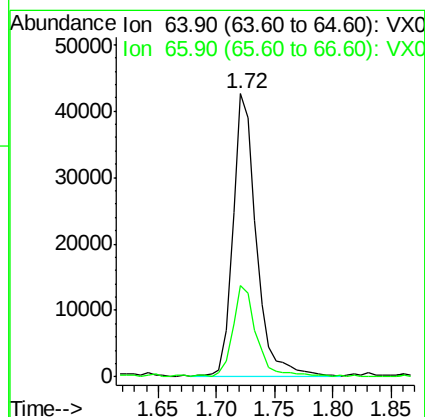
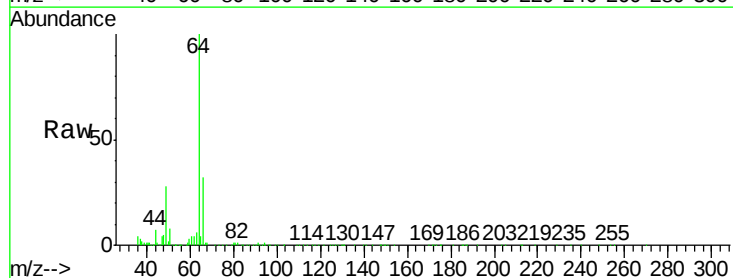
Acq: 22 Jan 2019 11:48

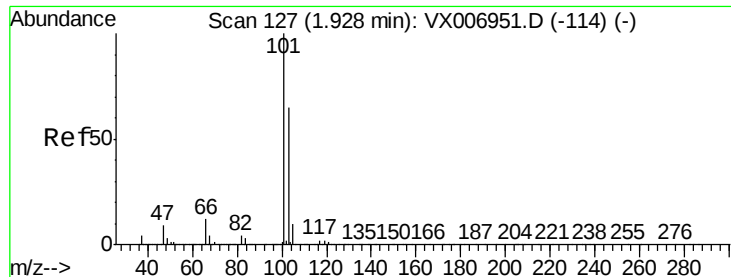
Tgt Ion: 64 Resp: 58693

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6





#7

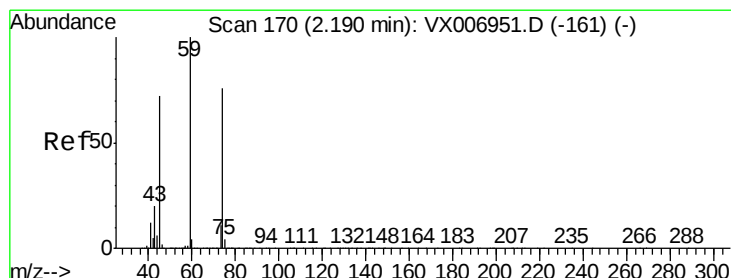
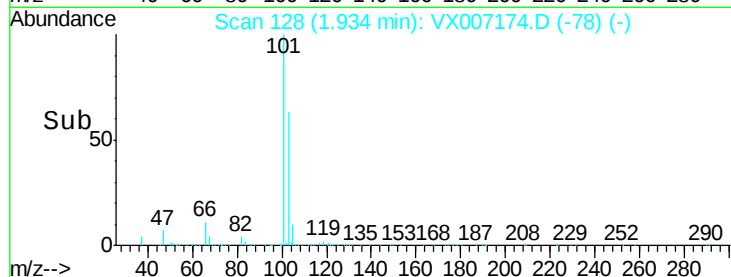
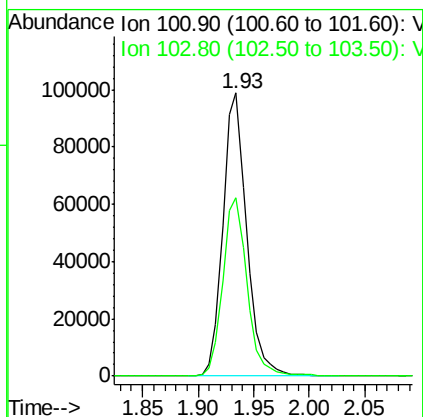
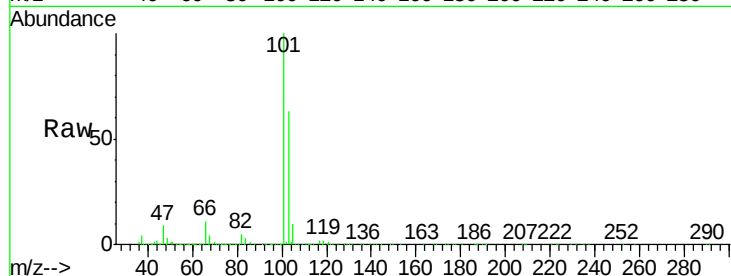
Trichlorofluoromethane
Concen: 18.489 ug/l
RT: 1.93 min Scan# 128
Delta R.T. 0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
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ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	53.2	79.8

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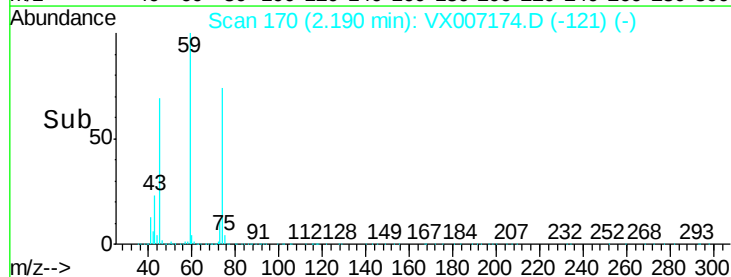
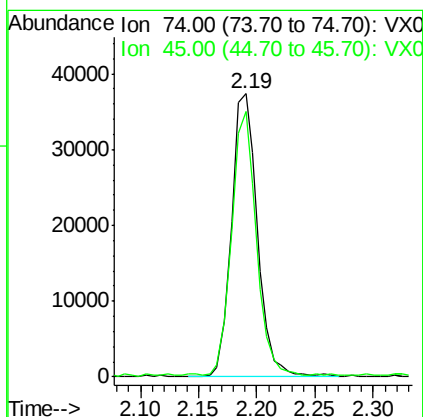
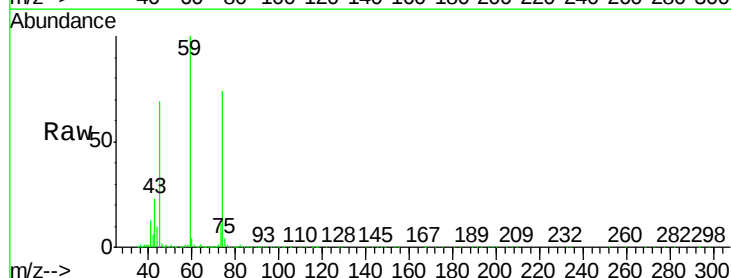
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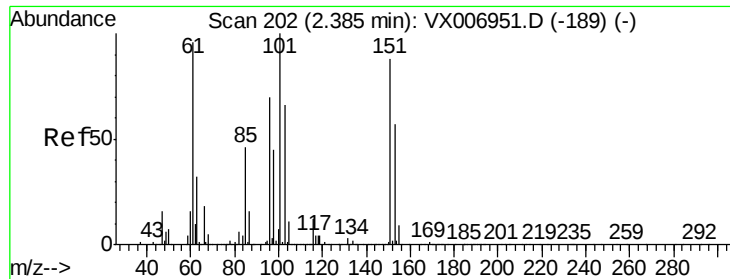


#8

Diethyl Ether
Concen: 18.543 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.6	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.947 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

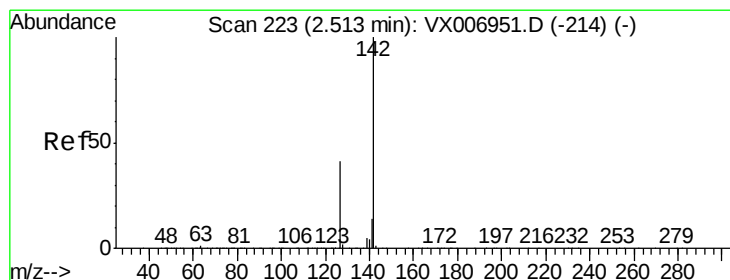
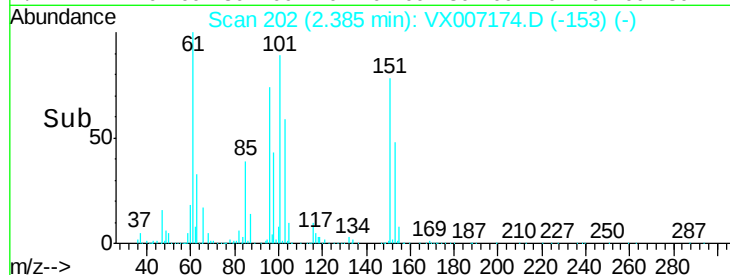
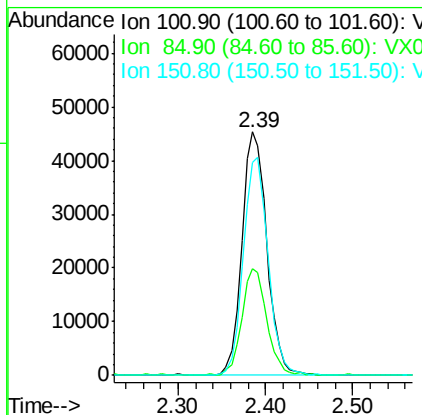
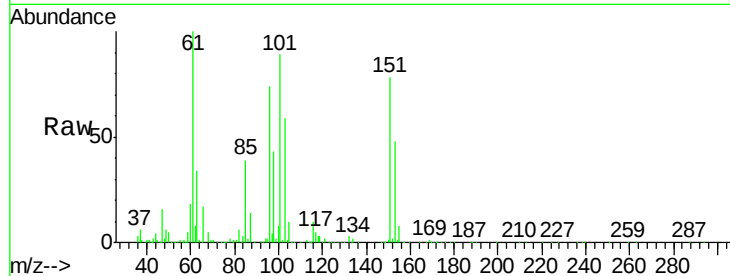
ClientSampleId :

VX0122WBS01

Tot Ion:	101	Resp:	89758
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.1	52.7
151	88.9	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 18.962 ug/l

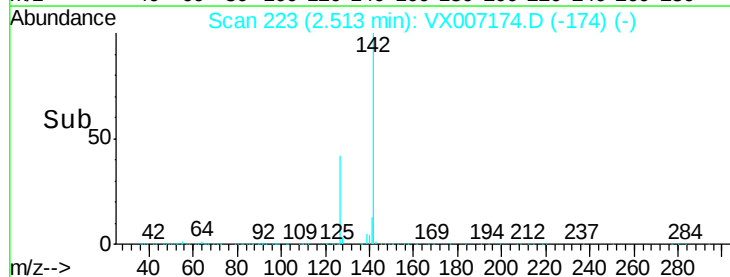
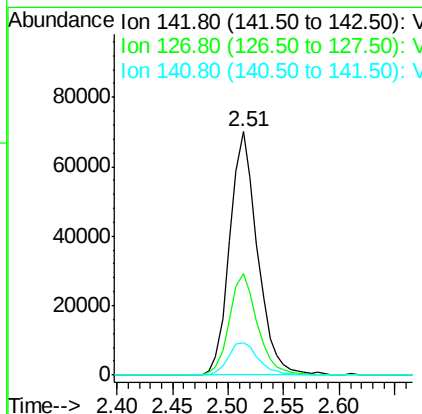
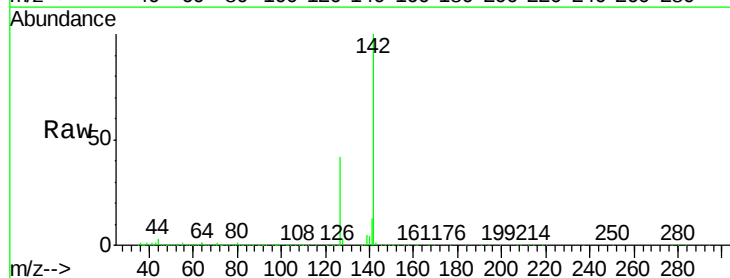
RT: 2.51 min Scan# 223

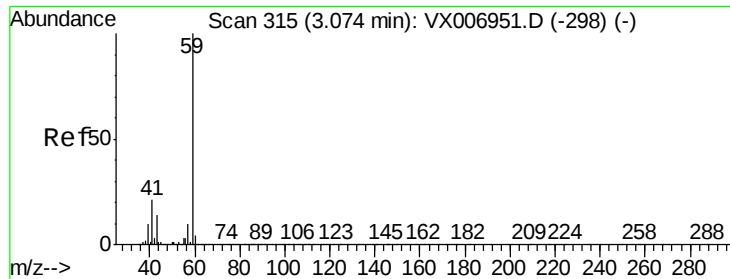
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	142	Resp:	121168
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.9	50.9
141	14.5	11.4	17.0





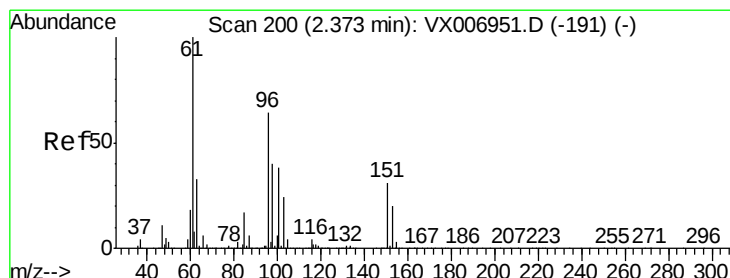
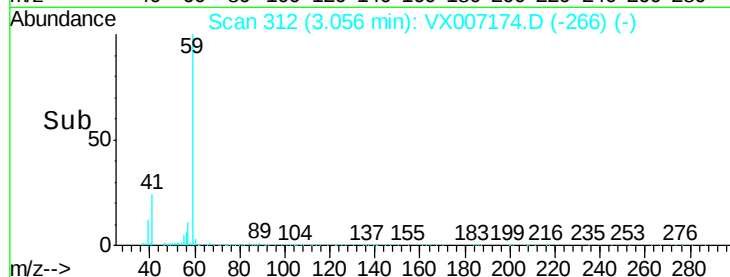
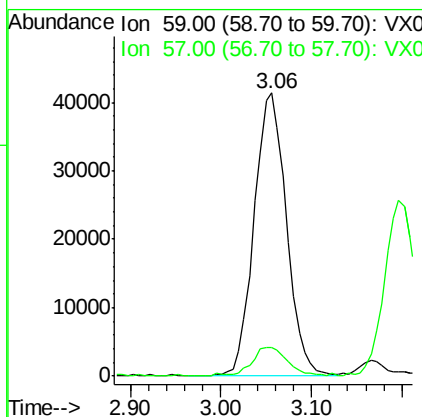
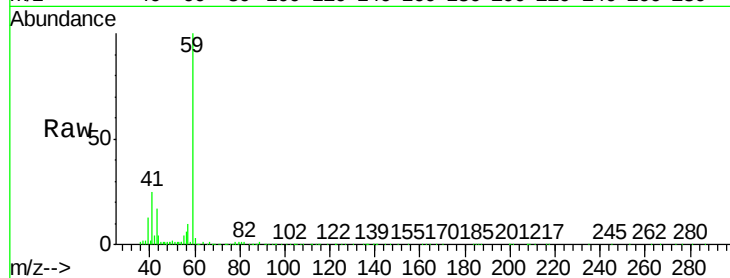
#11
Tert butyl alcohol
Concen: 87.199 ug/l
RT: 3.06 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion: 59 Resp: 102371
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

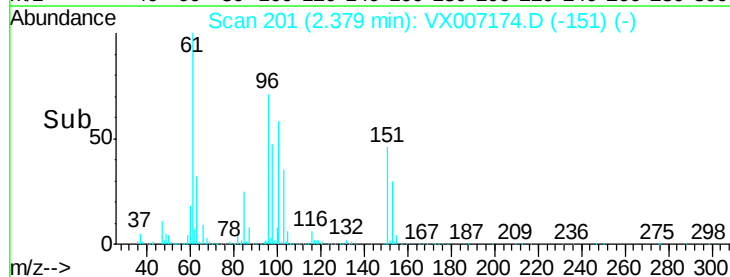
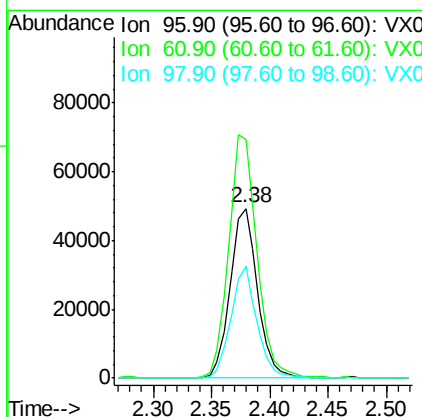
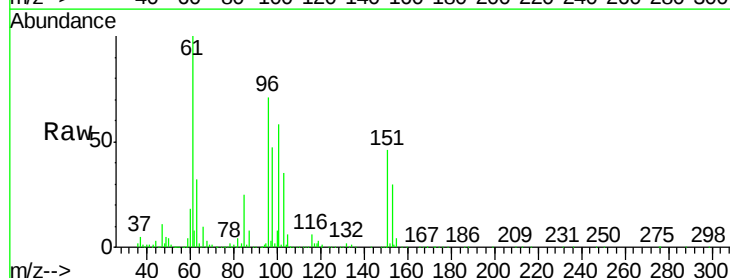
Manual Integrations
APPROVED

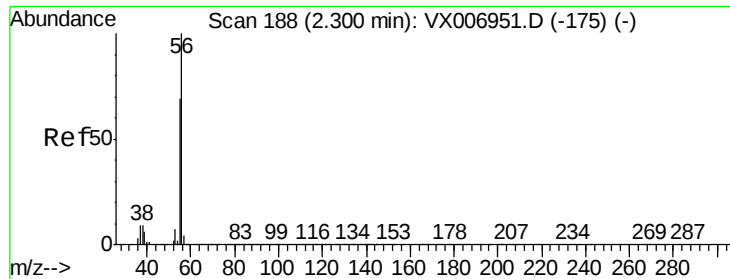
MMDadoda
1/23/2019 11:29:28 AM



#12
1,1-Dichloroethene
Concen: 18.538 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion: 96 Resp: 81136
Ion Ratio Lower Upper
96 100
61 140.3 121.4 182.2
98 65.8 51.9 77.9





#13

Acrolein

Concen: 120.752 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 56 Resp: 60322

Ion Ratio Lower Upper

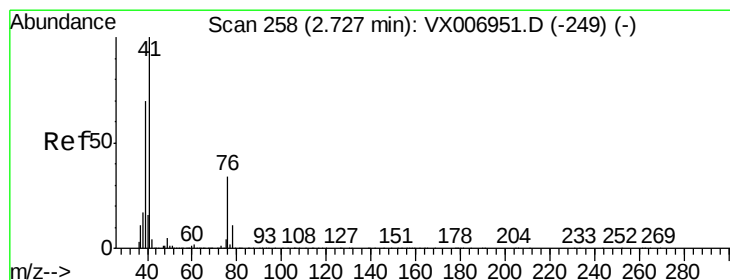
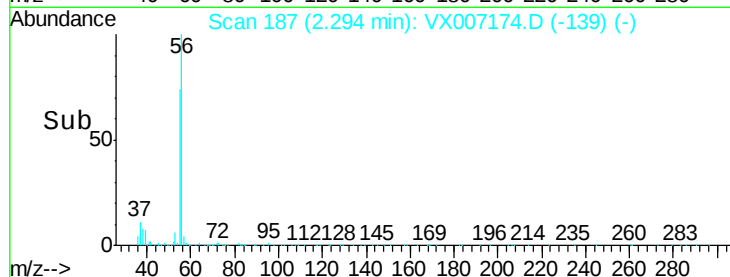
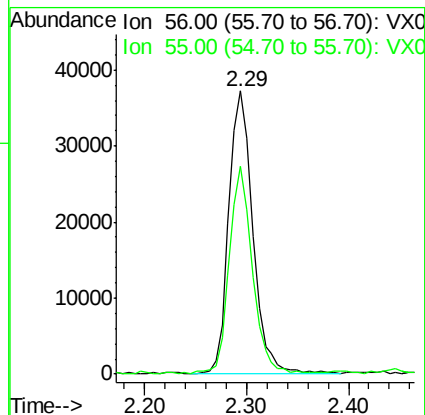
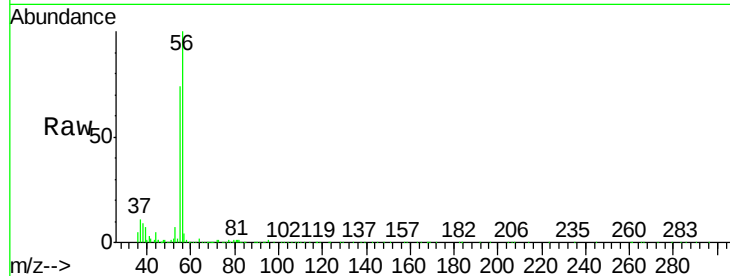
56 100

55 70.3 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 17.979 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

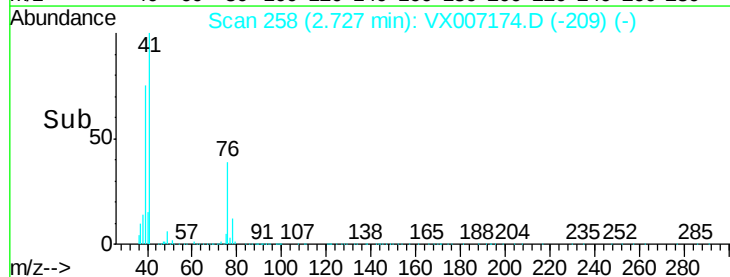
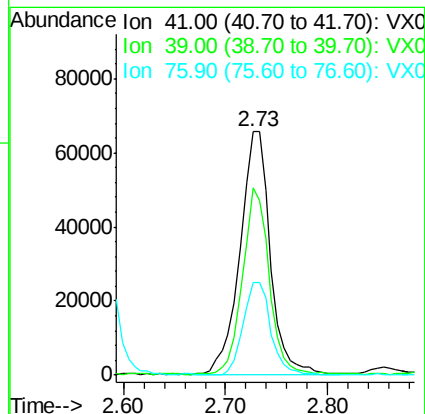
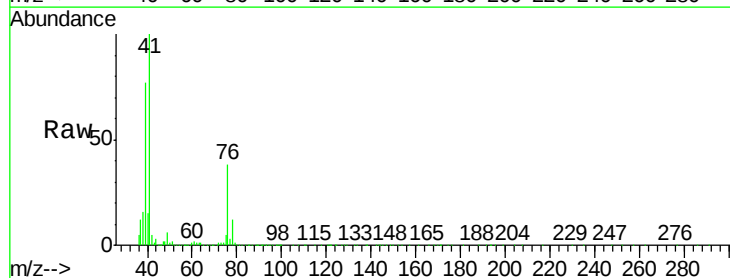
Tgt Ion: 41 Resp: 134861

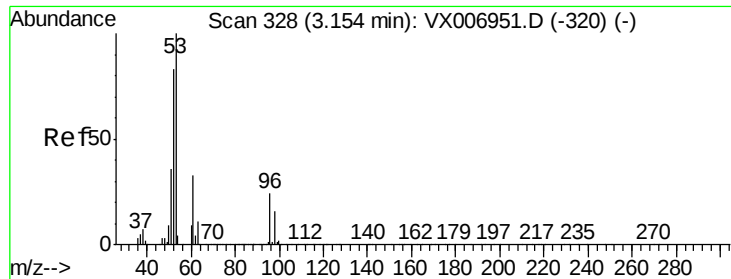
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 34.2 27.4 41.2





#15

Acrylonitrile

Concen: 90.121 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

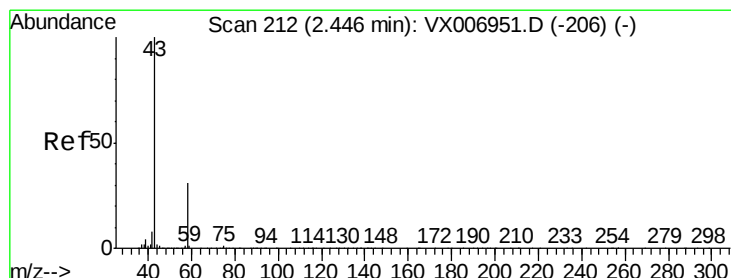
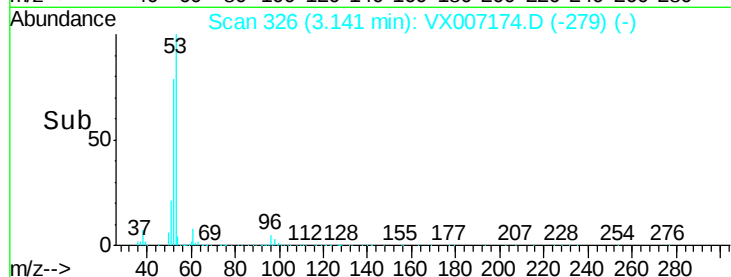
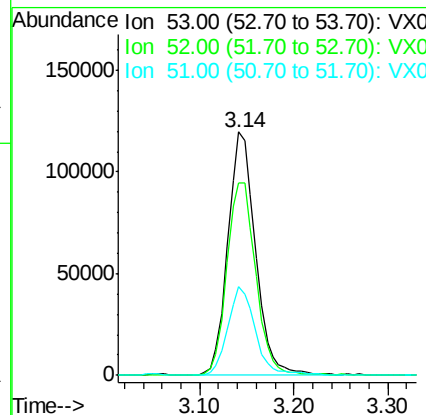
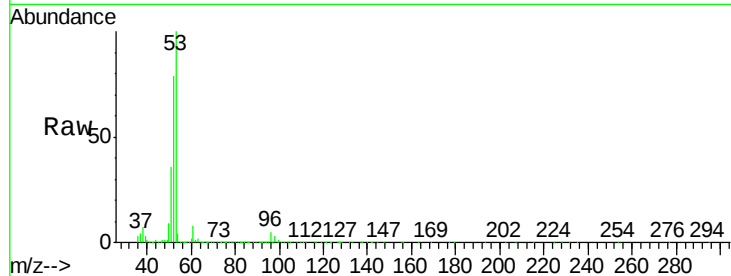
ClientSampleId :

VX0122WBS01

Tot Ion:	53	Resp:	242882
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.0	99.0
51	36.4	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 96.067 ug/l

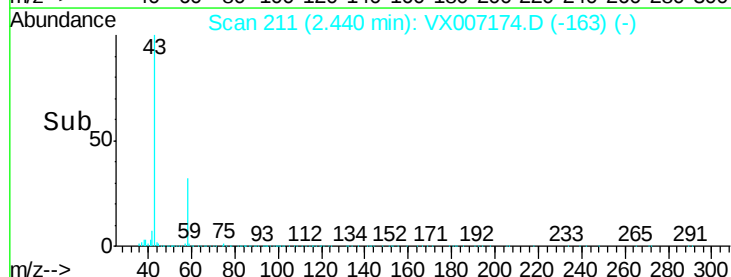
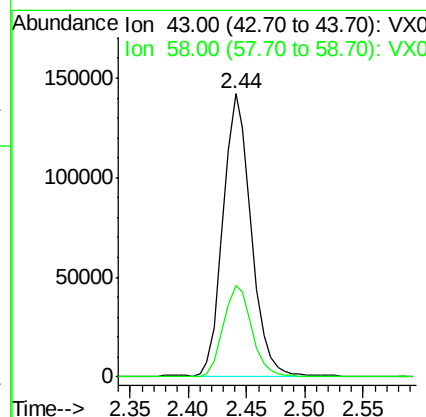
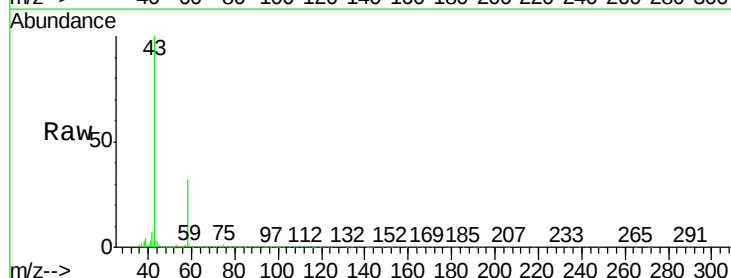
RT: 2.44 min Scan# 211

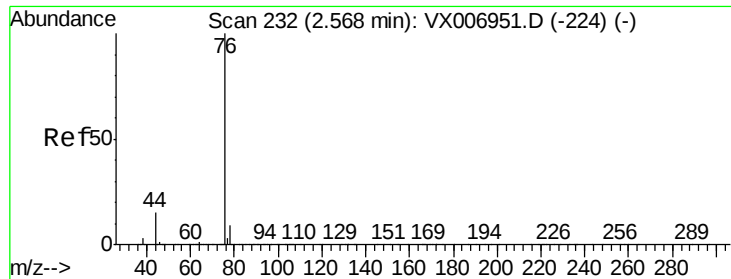
Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	43	Resp:	236359
Ion Ratio	Lower	Upper	
43	100		
58	32.3	25.0	37.6





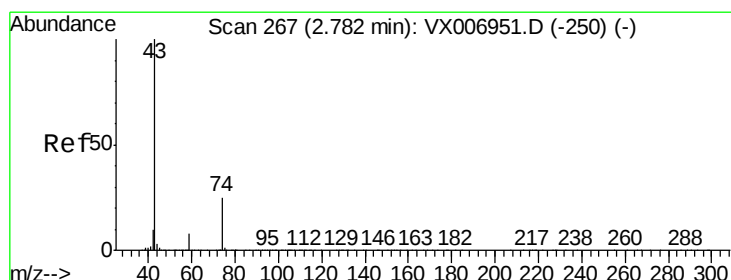
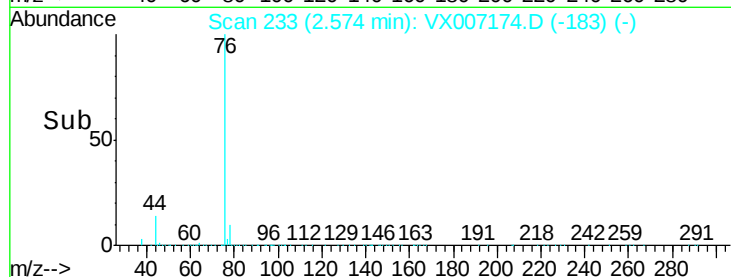
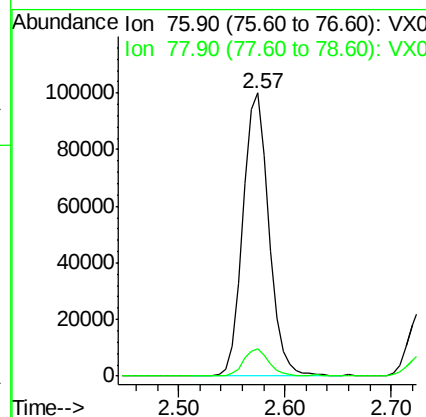
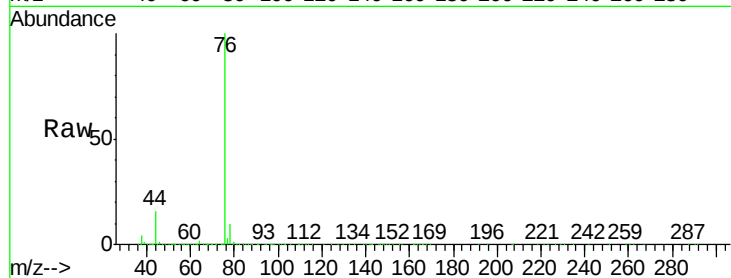
#17
Carbon Disulfide
Concen: 15.216 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.0	10.6

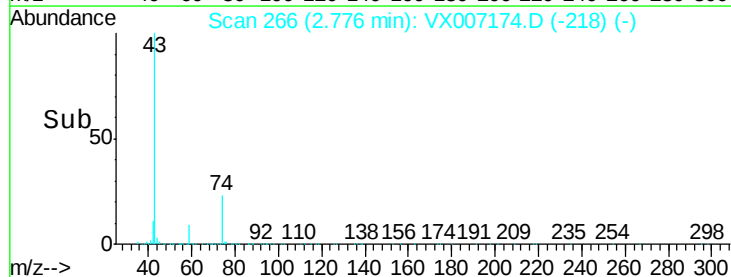
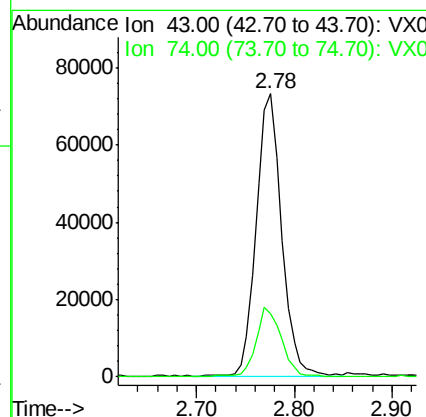
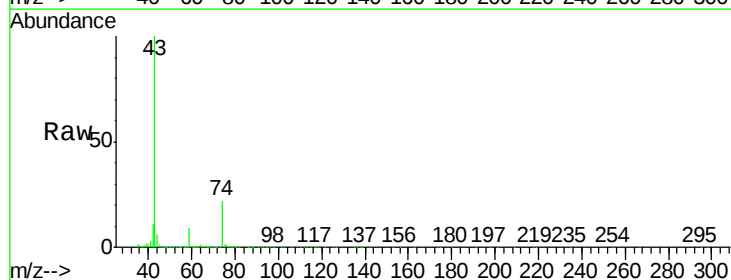
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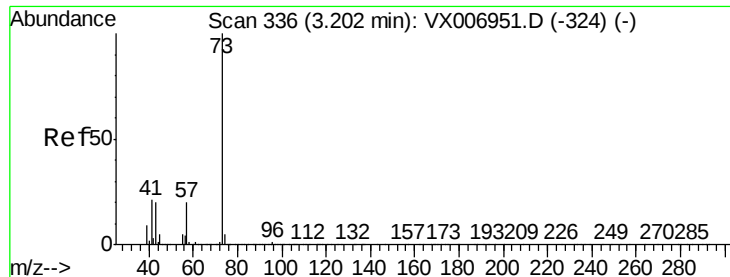
MMDadoda
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#18
Methyl Acetate
Concen: 18.448 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	18.6	28.0





#19

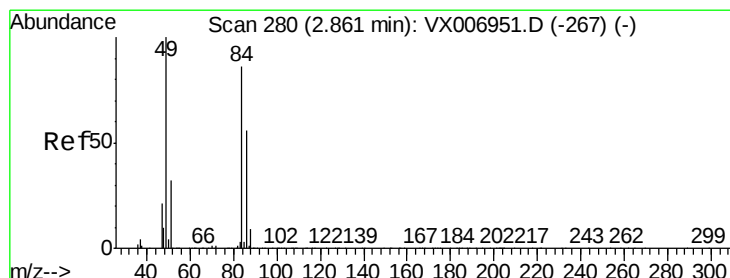
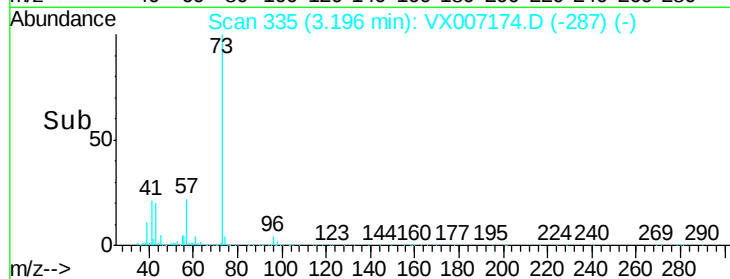
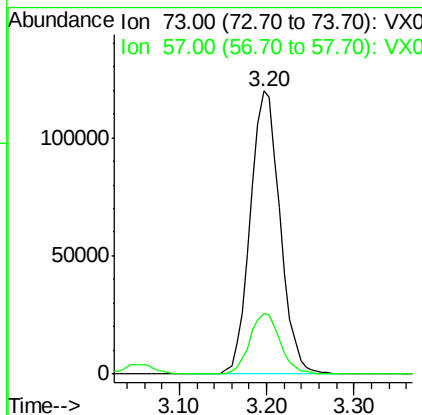
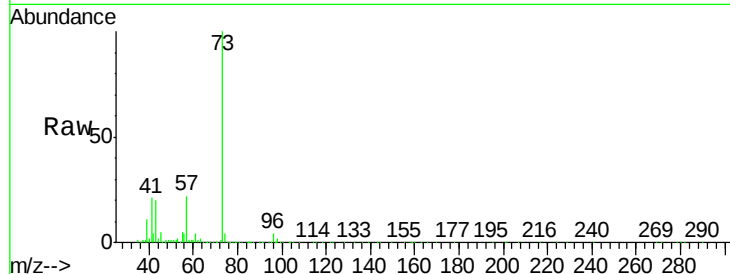
Methyl tert-butyl Ether
Concen: 18.575 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

Manual Integrations
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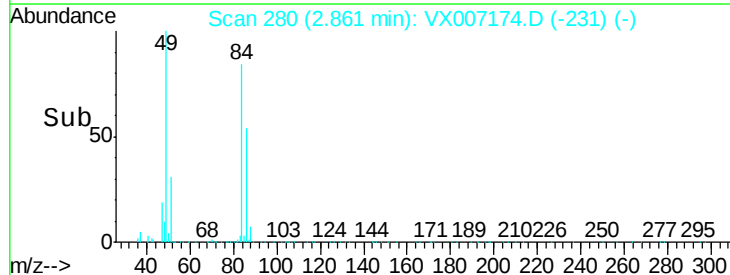
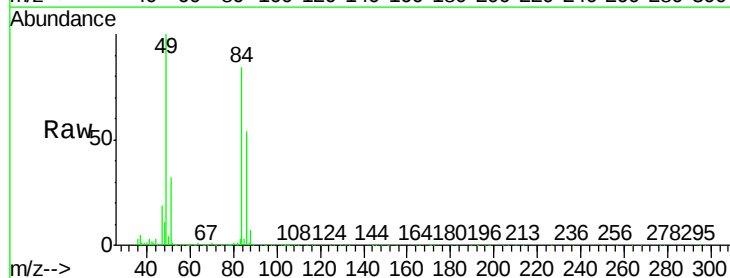
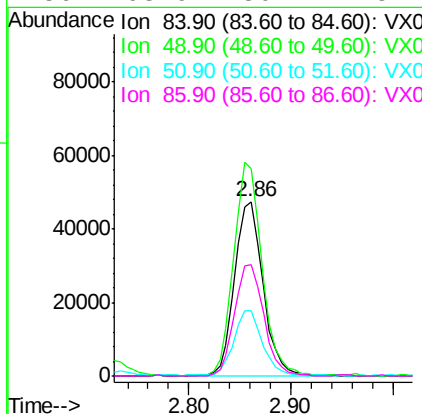
MMDadoda
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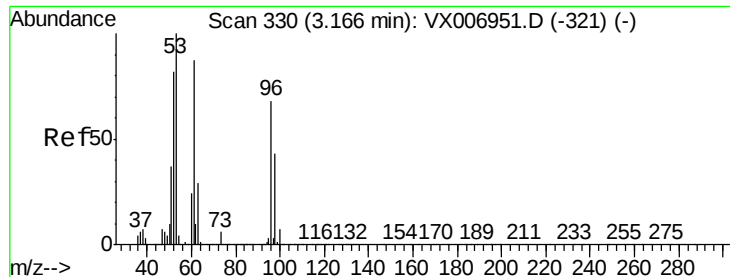


#20

Methylene Chloride
Concen: 19.204 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.3	91.8	137.6
51	37.0	28.5	42.7
86	63.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 17.930 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

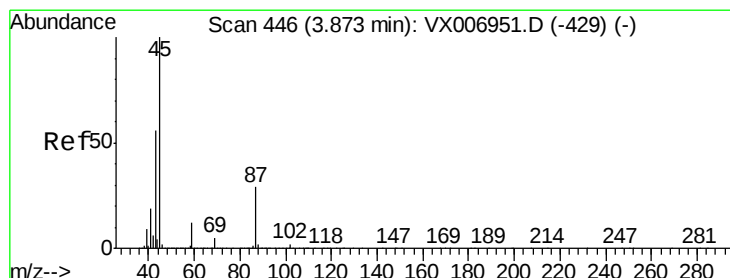
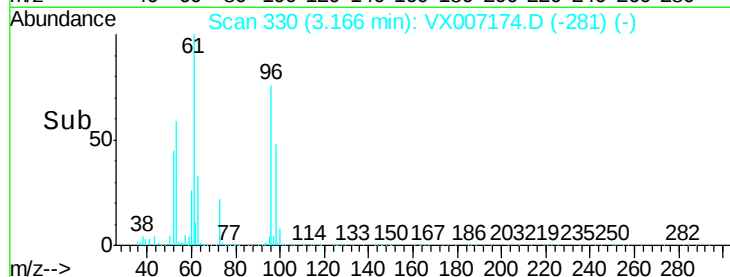
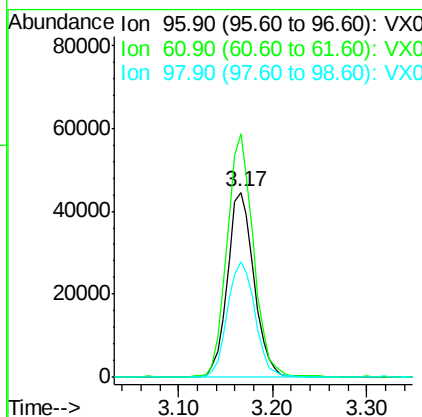
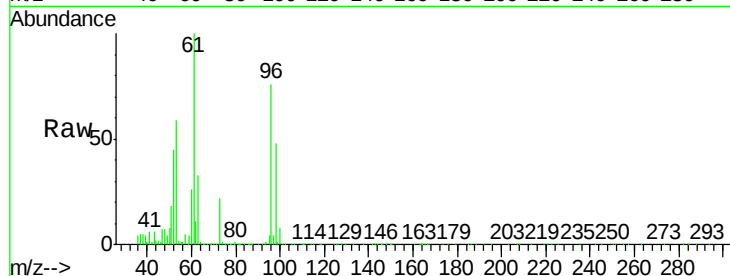
ClientSampleId :

VX0122WBS01

Tot Ion:	96	Resp:	87450
Ion	Ratio	Lower	Upper
96	100		
61	131.1	103.7	155.5
98	62.5	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.758 ug/l

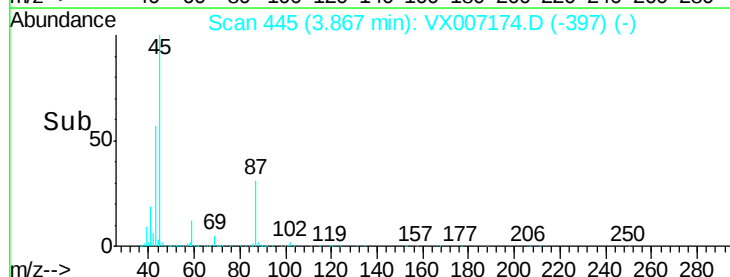
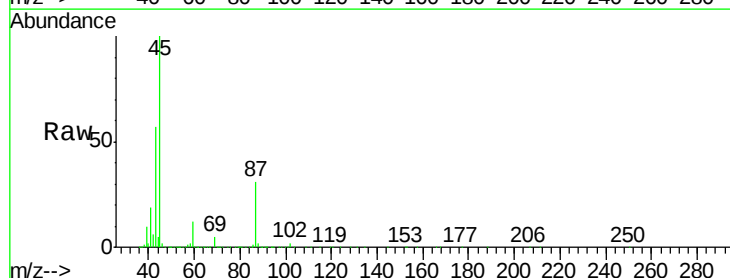
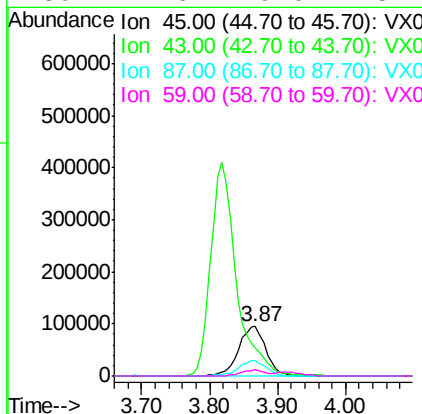
RT: 3.87 min Scan# 445

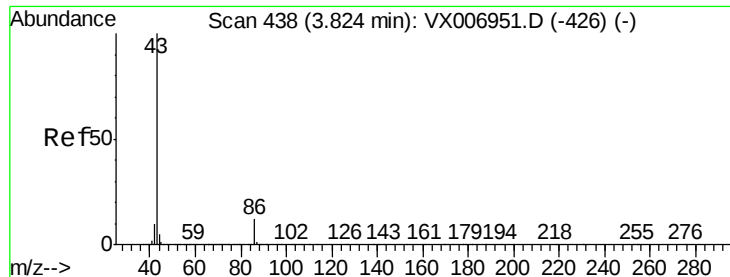
Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	45	Resp:	264519
Ion	Ratio	Lower	Upper
45	100		
43	56.1	51.2	76.8
87	30.7	25.8	38.6
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 90.729 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 43 Resp: 1078964

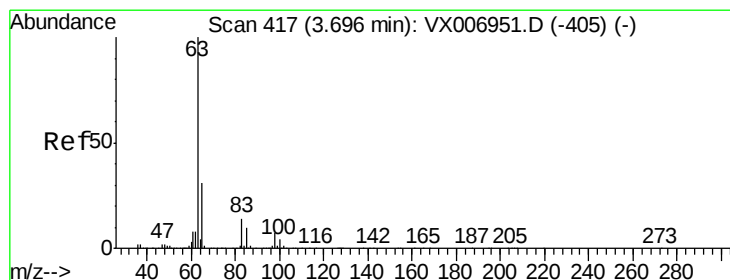
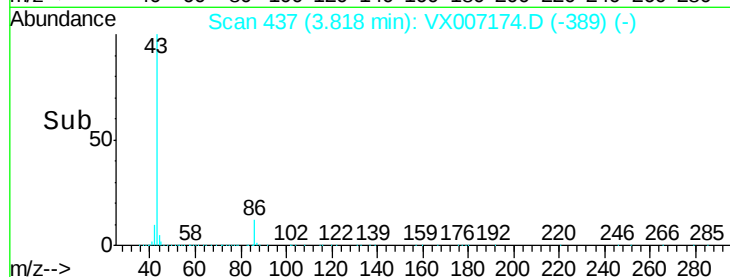
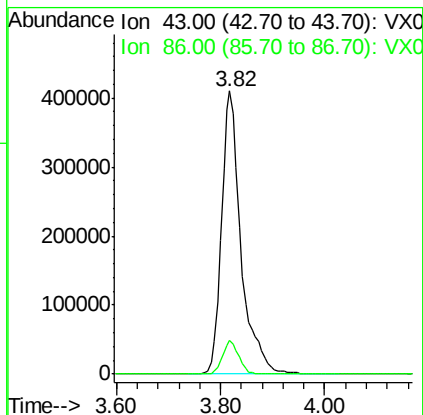
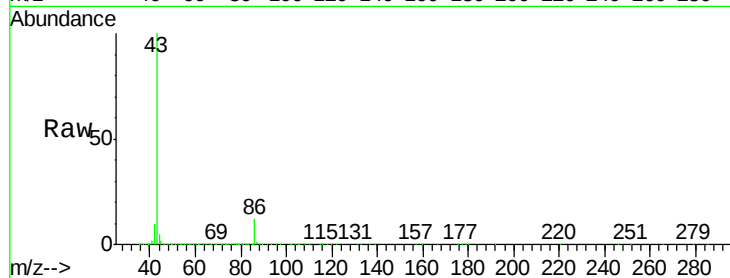
Ion Ratio Lower Upper

43 100

86 11.9 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 19.929 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

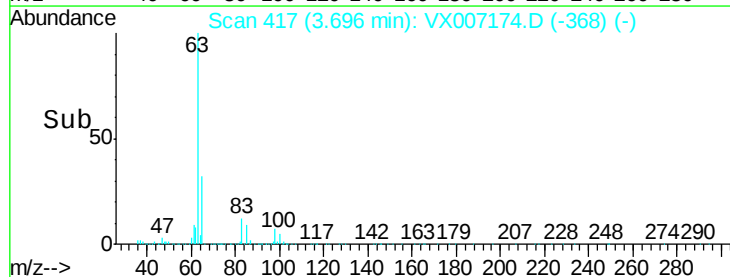
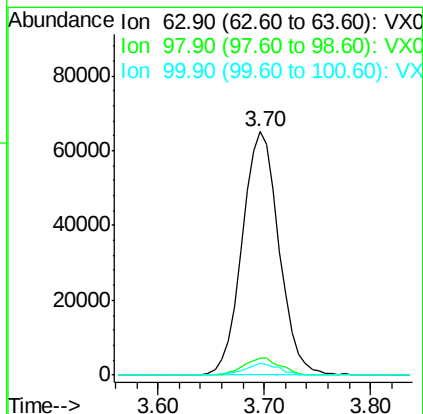
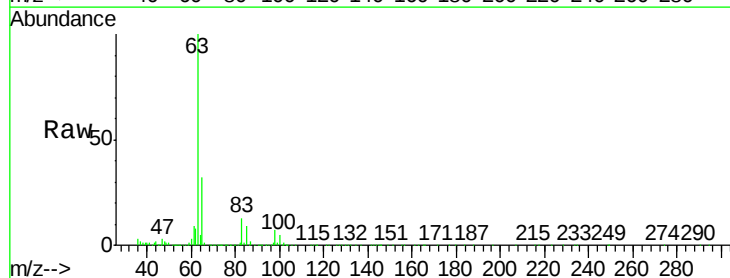
Tgt Ion: 63 Resp: 157140

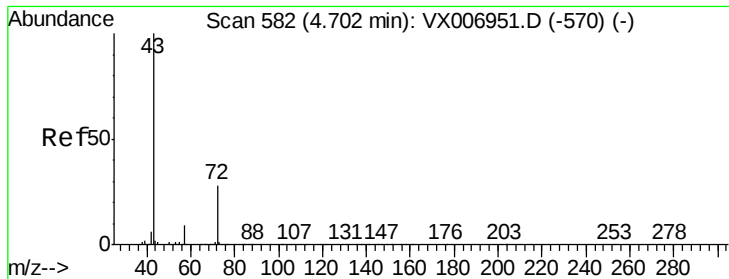
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.5 2.4 7.2





#25

2-Butanone

Concen: 93.361 ug/l

RT: 4.68 min Scan# 579

Delta R.T. -0.02 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 43 Resp: 328672

Ion Ratio Lower Upper

43 100

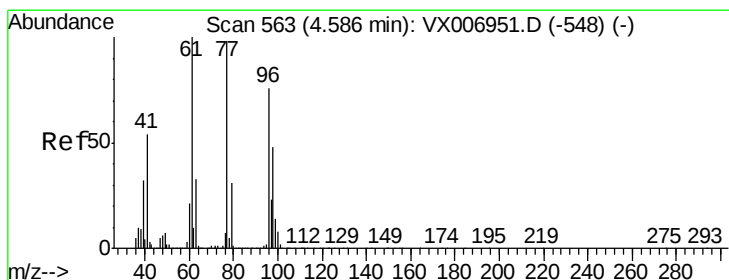
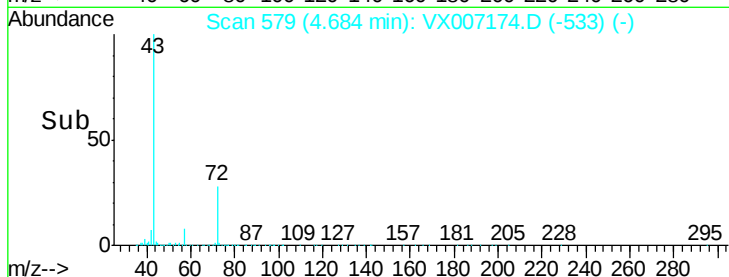
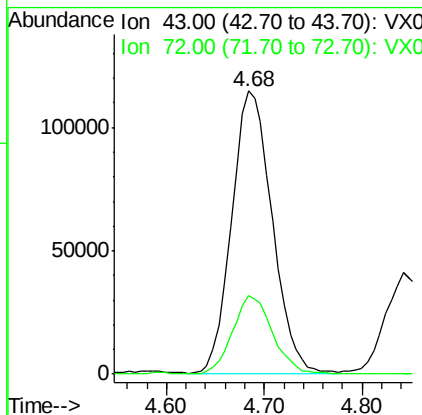
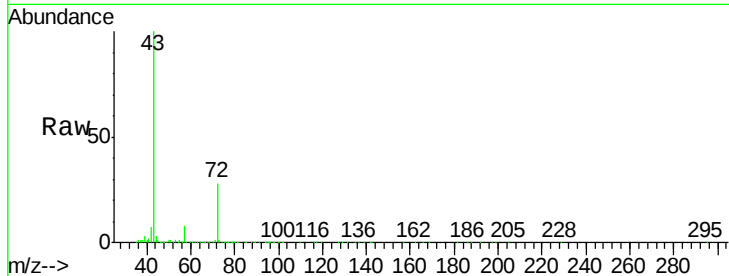
72 27.7 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 18.776 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX007174.D

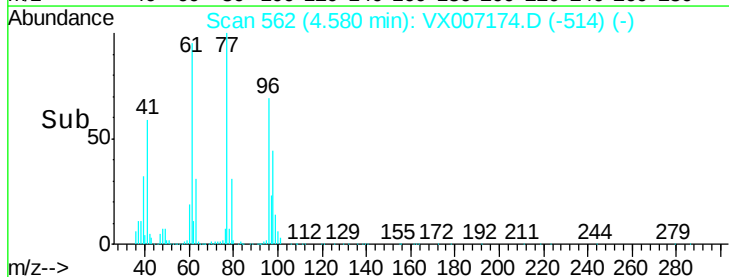
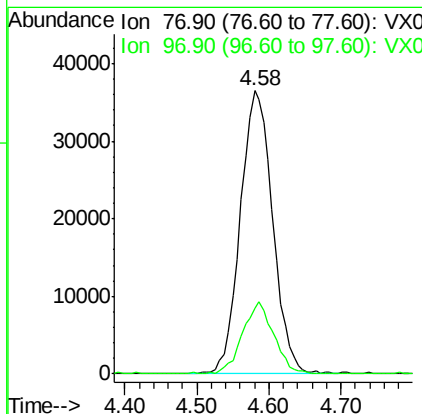
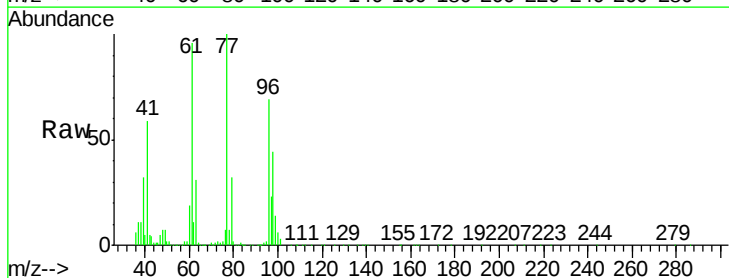
Acq: 22 Jan 2019 11:48

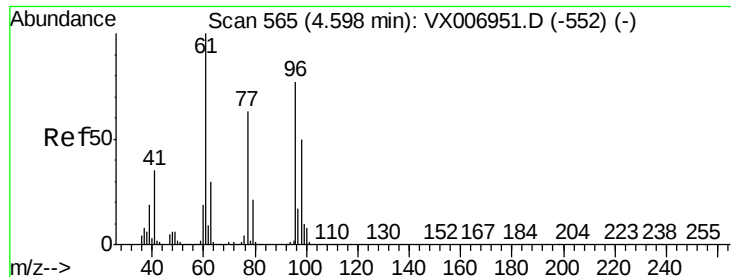
Tgt Ion: 77 Resp: 113844

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4





#27

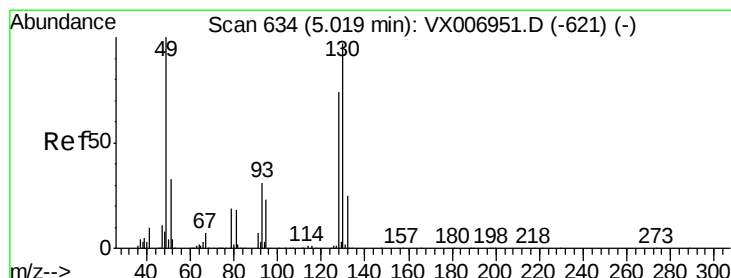
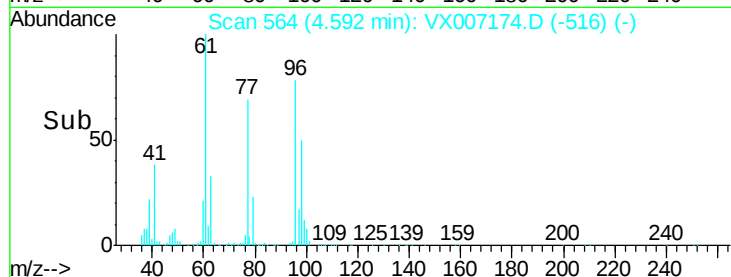
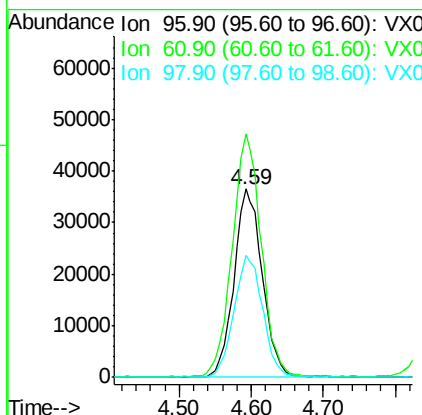
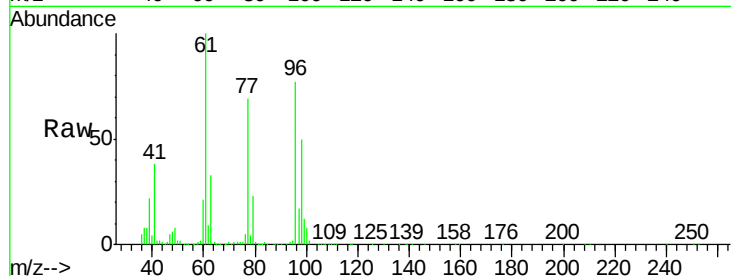
cis-1,2-Dichloroethene
Concen: 18.519 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	258.6
98	65.8	0.0	132.0

Manual Integrations
APPROVED

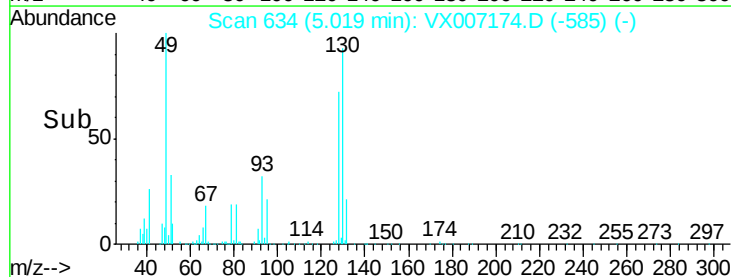
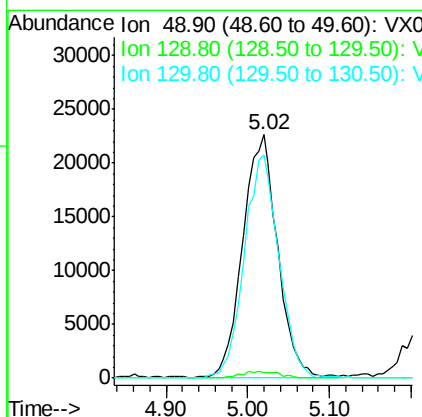
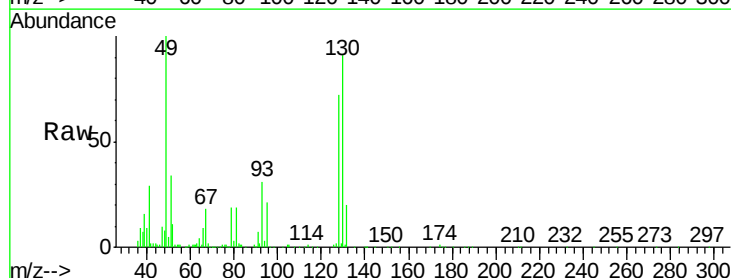
MMDadoda
1/23/2019 11:29:28 AM



#28

Bromochloromethane
Concen: 19.290 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.0	0.0	5.4
130	92.1	77.7	116.5





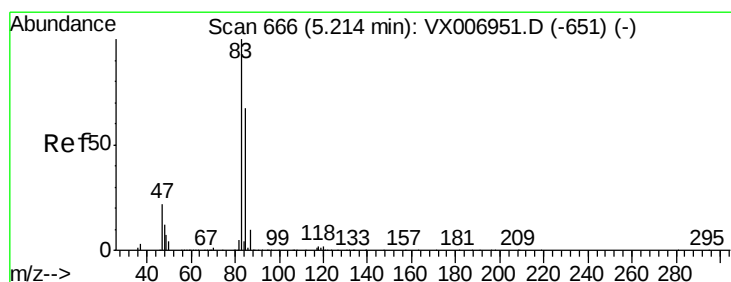
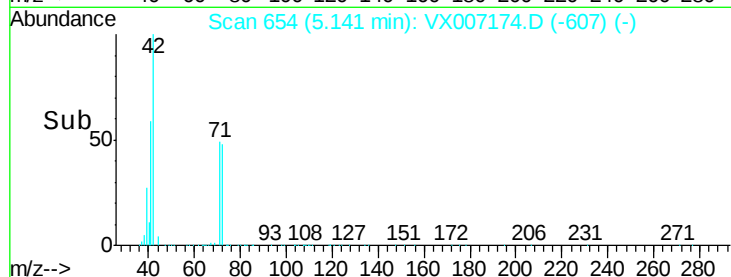
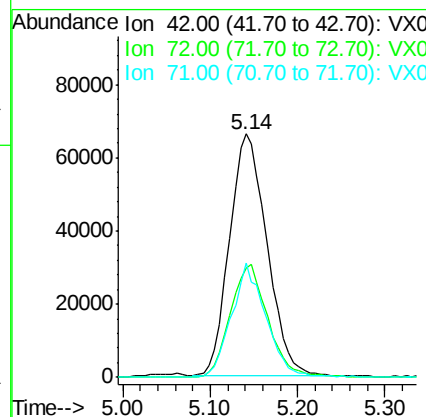
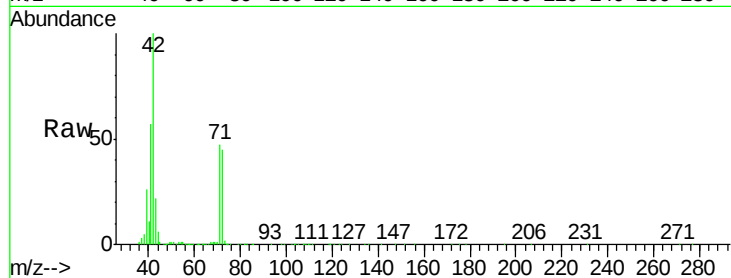
#29
Tetrahydrofuran
Concen: 85.994 ug/l
RT: 5.14 min Scan# 654
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	38.9	58.3
71	43.9	36.2	54.4

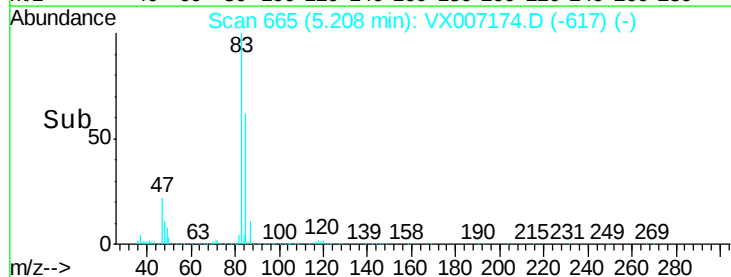
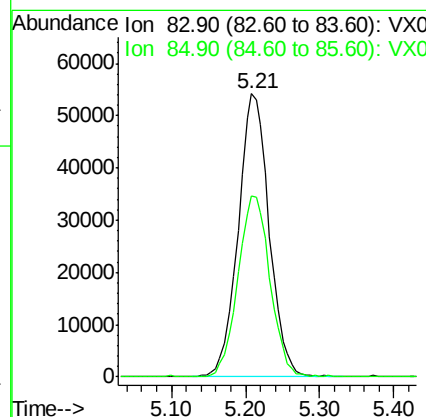
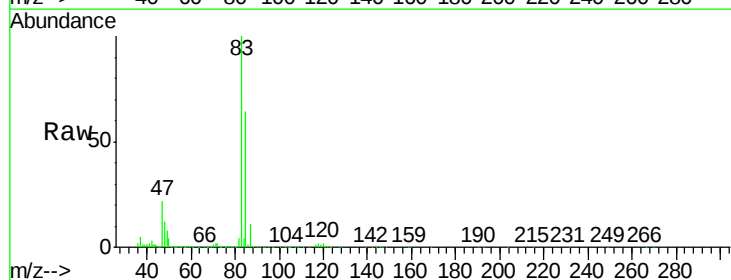
Manual Integrations
APPROVED

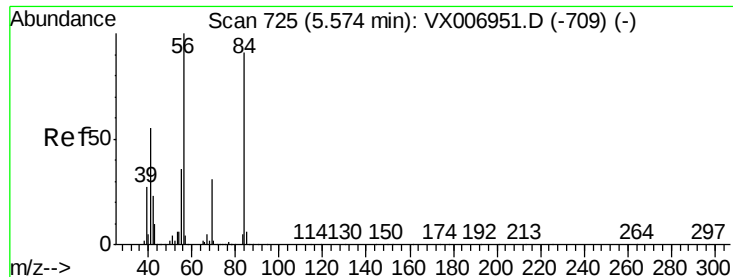
MMDadoda
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#30
Chloroform
Concen: 19.131 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	51.2	76.8





#31

Cyclohexane

Concen: 17.830 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

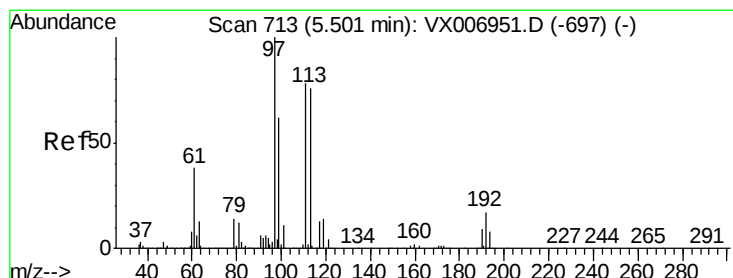
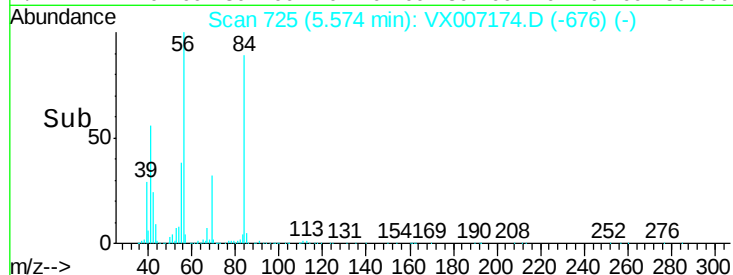
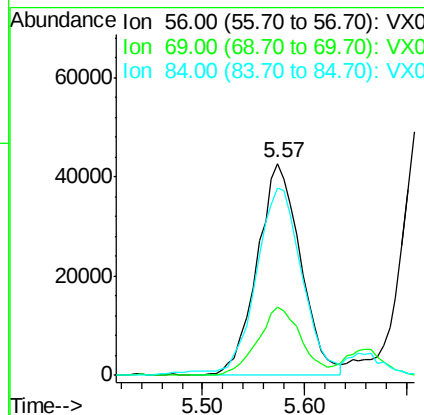
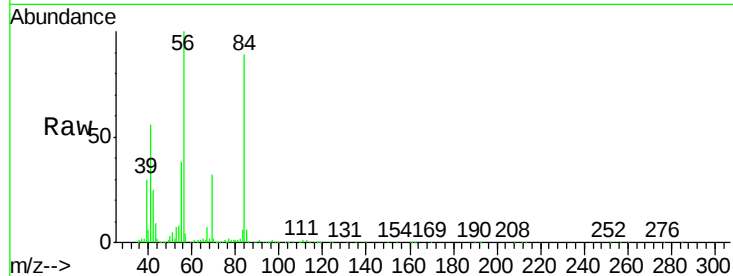
ClientSampleId :

VX0122WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.5	24.4	36.6	
84	86.9	70.0	105.0	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.592 ug/l

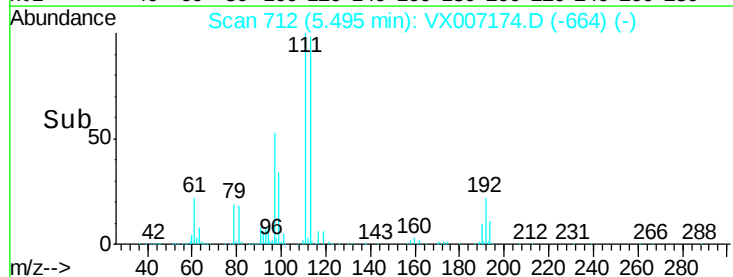
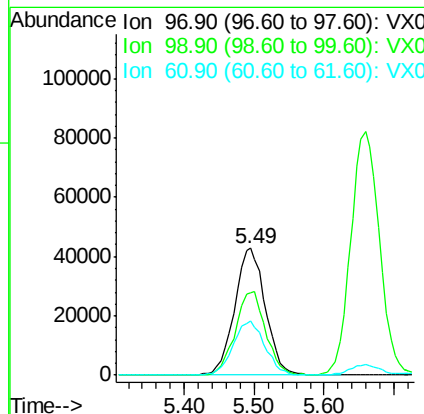
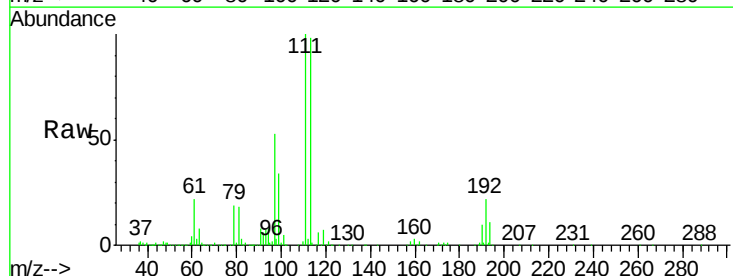
RT: 5.49 min Scan# 712

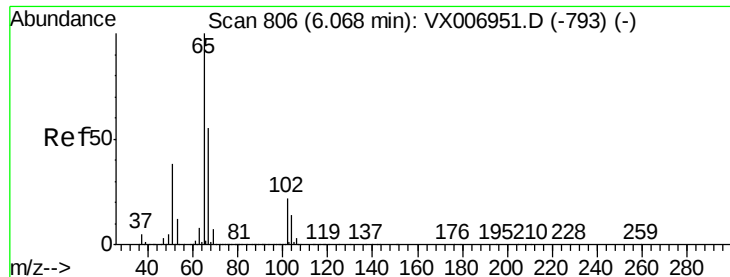
Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.4	51.7	77.5	
61	43.9	31.3	46.9	





#33

1,2-Dichloroethane-d4

Concen: 50.954 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tot Ion: 65 Resp: 253585

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0

Instrument :

MSVOA_X

ClientSampleId :

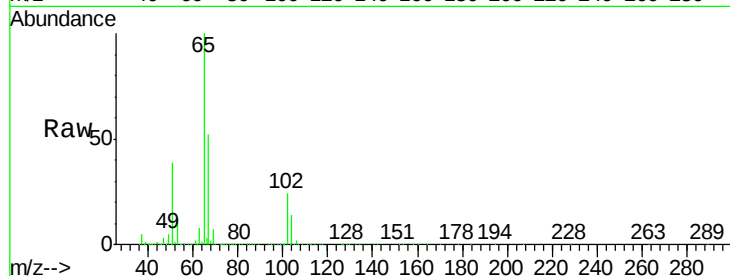
VX0122WBS01

Manual Integrations

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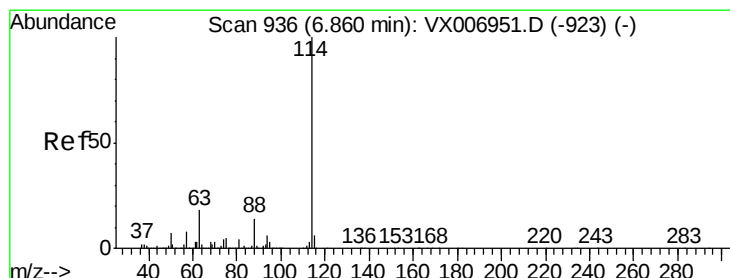
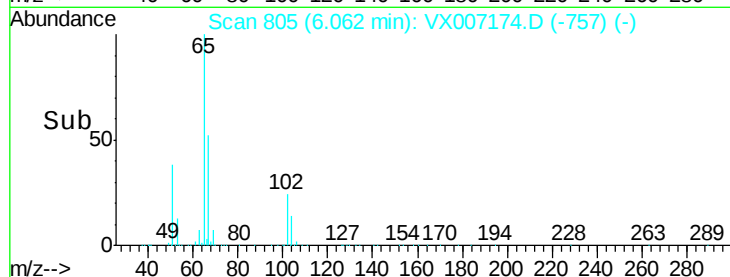
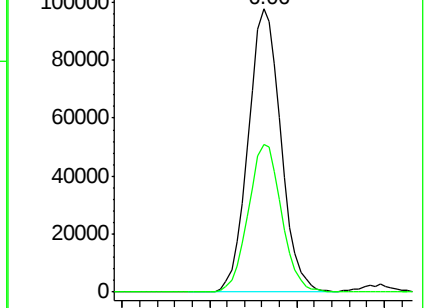
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Abundance Ion 64.90 (64.60 to 65.60): VX0

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: VX007174.D

Acq: 22 Jan 2019 11:48

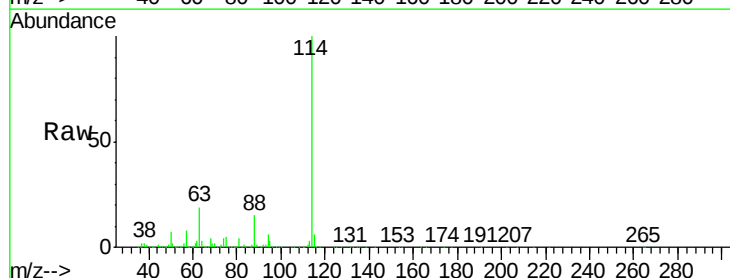
Tgt Ion: 114 Resp: 686402

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

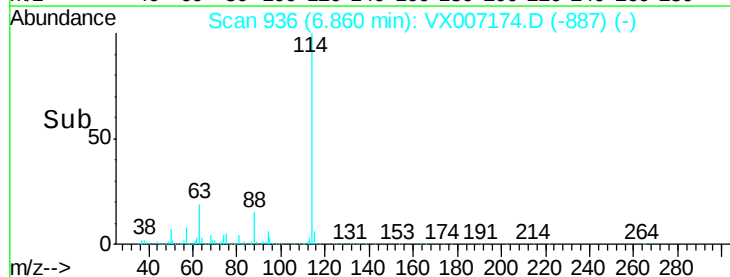
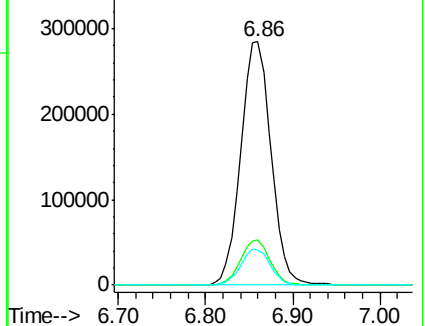
88 14.5 0.0 28.8

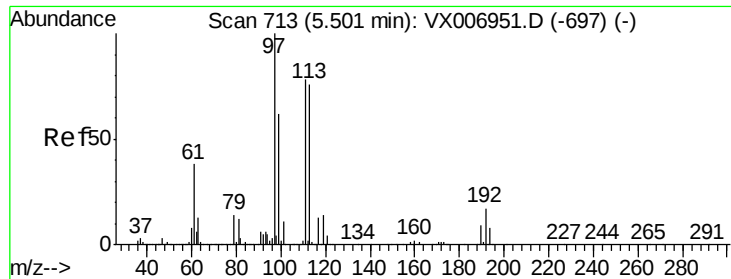


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 52.431 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

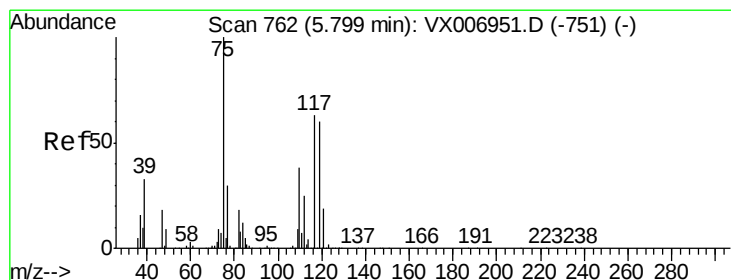
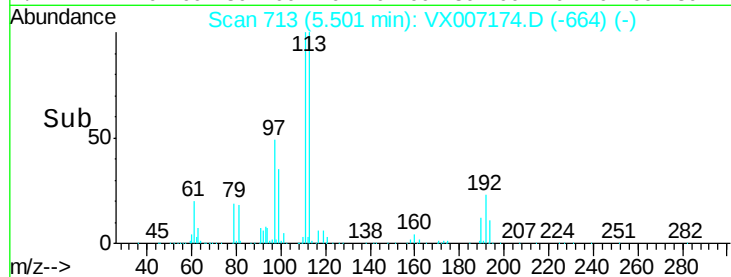
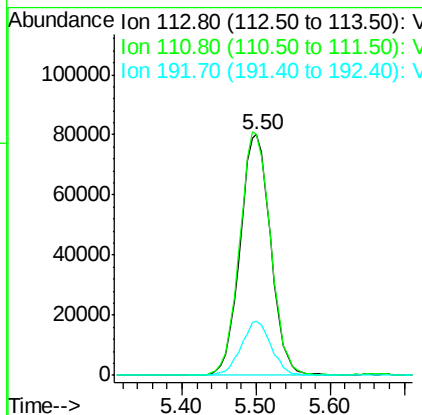
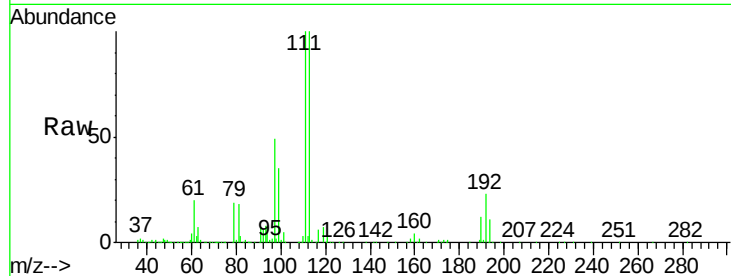
ClientSampleId :

VX0122WBS01

Tot Ion:	113	Resp:	230471
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.6	122.4
192	22.2	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.120 ug/l

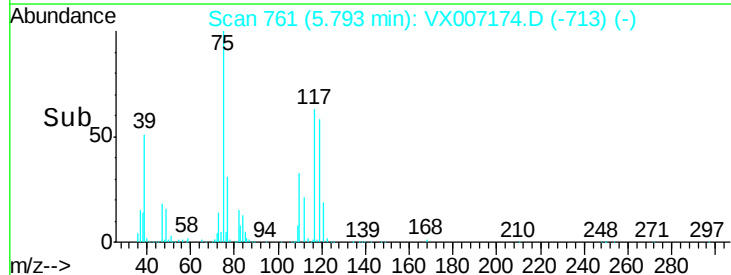
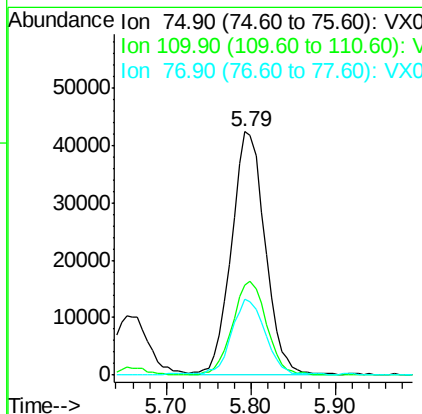
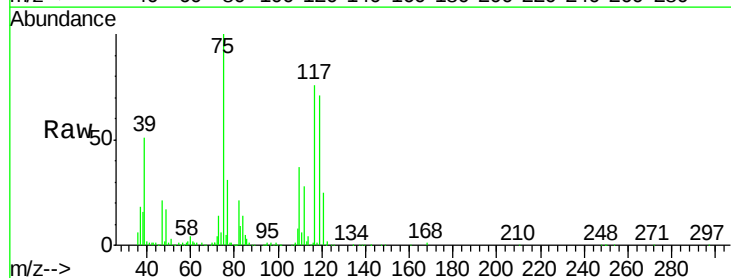
RT: 5.79 min Scan# 761

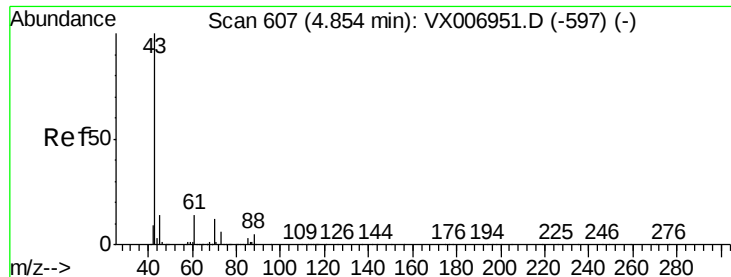
Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	75	Resp:	114103
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	30.3	24.8	37.2





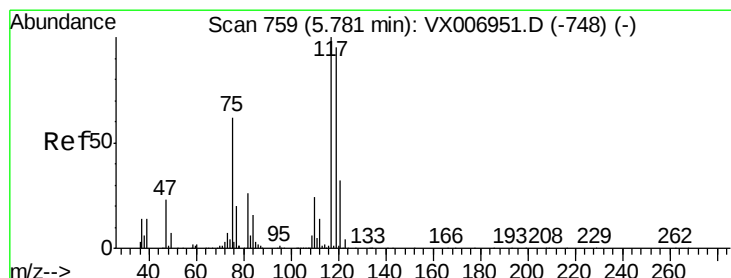
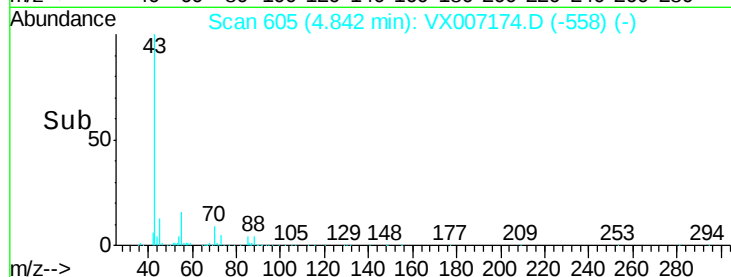
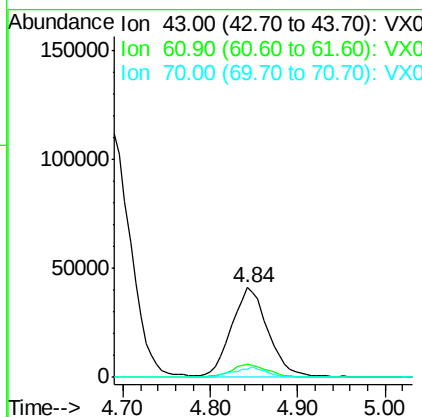
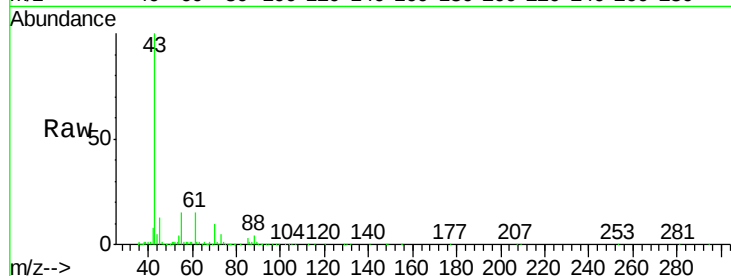
#37
Ethyl Acetate
Concen: 18.385 ug/l
RT: 4.84 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.9	17.9
70	10.5	9.7	14.5

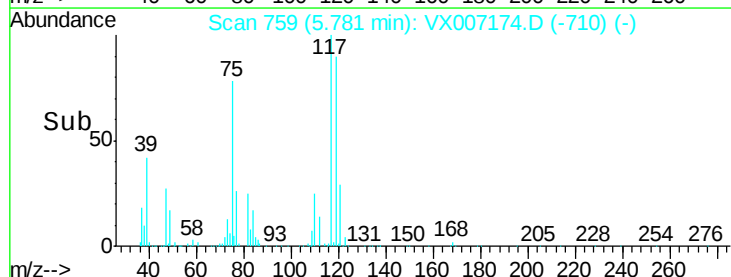
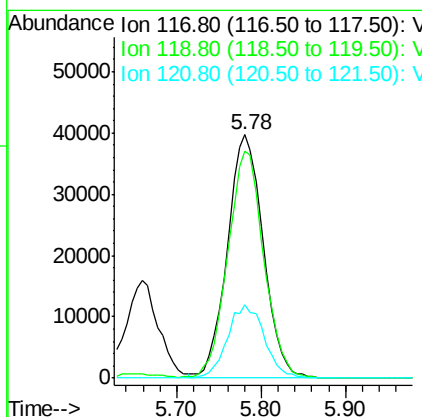
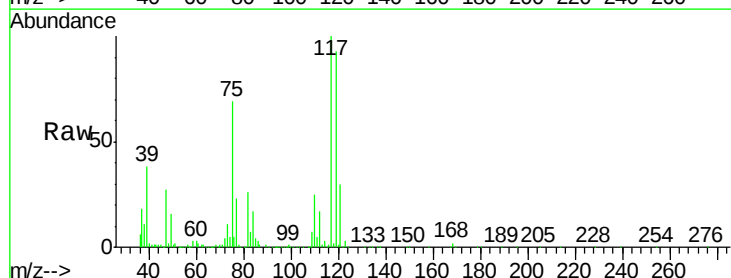
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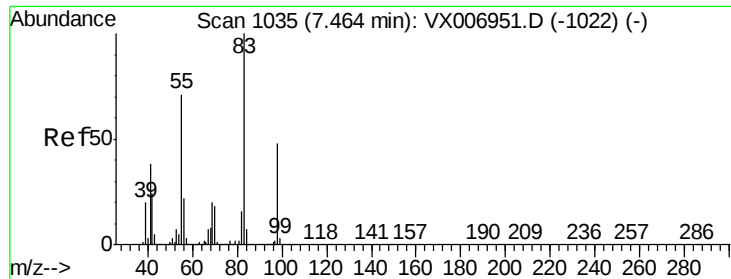
MMDadoda
1/23/2019 11:29:28 AM



#38
Carbon Tetrachloride
Concen: 19.129 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	79.4	119.2
121	30.2	24.0	36.0





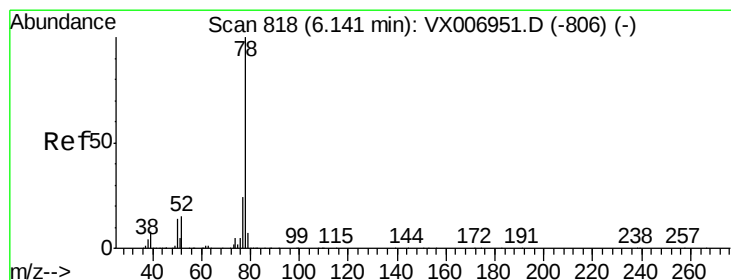
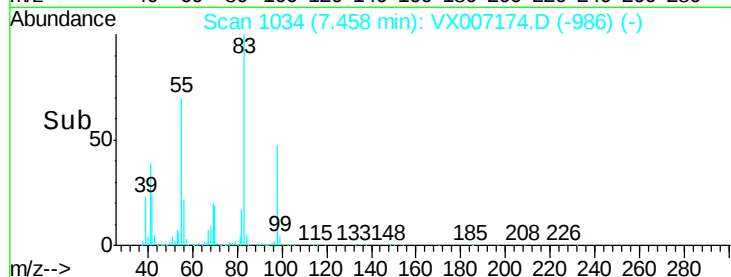
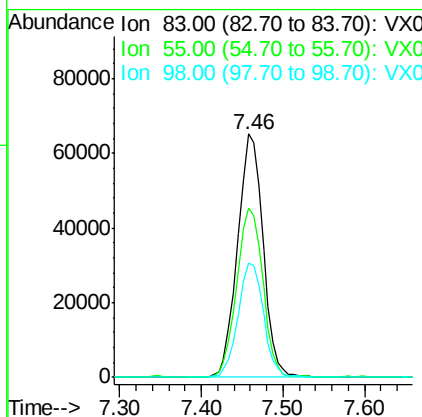
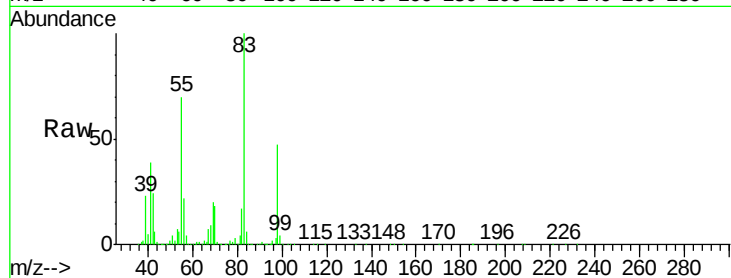
#39
Methvlcvclohexane
Concen: 18.521 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.4	54.9	82.3
98	46.9	37.9	56.9

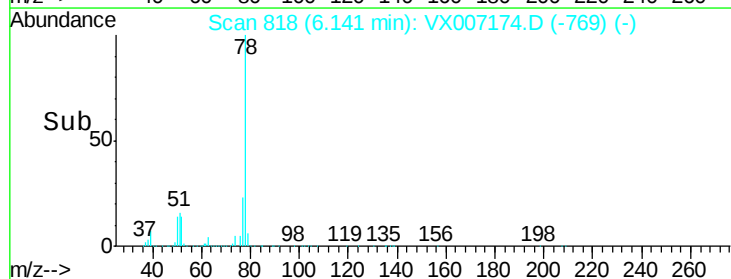
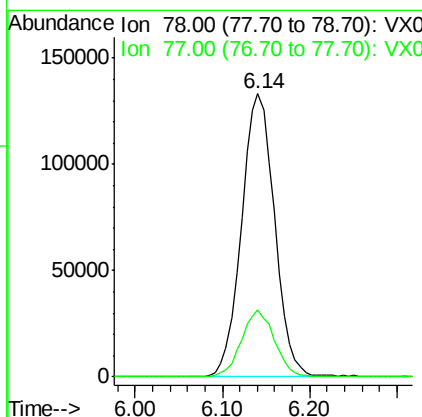
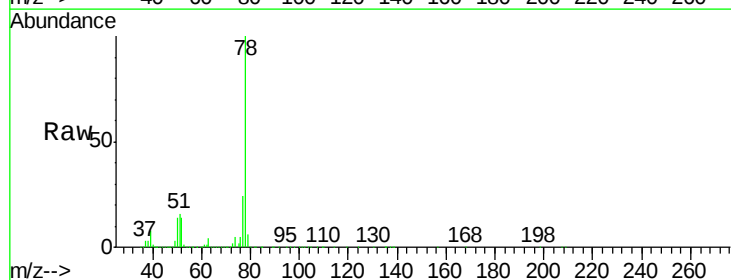
Manual Integrations
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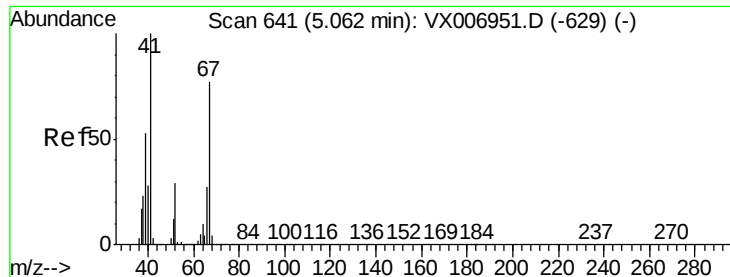
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1/23/2019 11:29:28 AM



#40
Benzene
Concen: 19.196 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 18.143 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

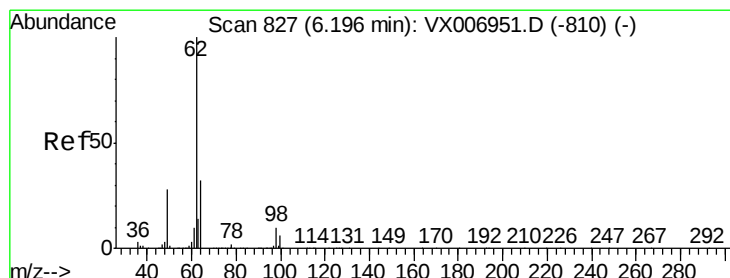
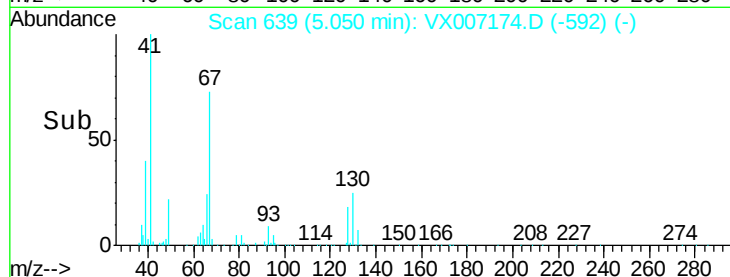
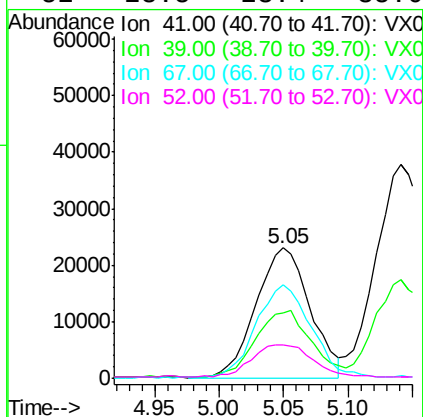
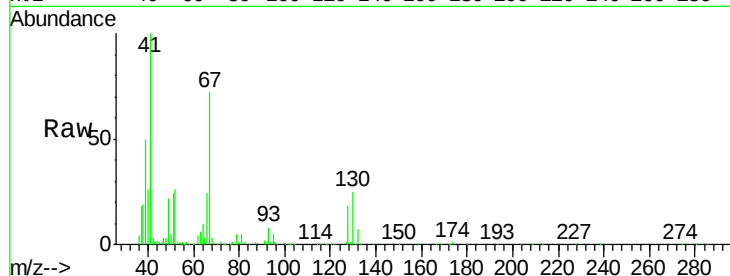
ClientSampleId :

VX0122WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.8	64.2
67	73.2	62.1	93.1
52	28.5	23.4	35.0

Manual Integrations
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MMDadoda
1/23/2019 11:29:28 AM



#42

1,2-Dichloroethane

Concen: 19.403 ug/l

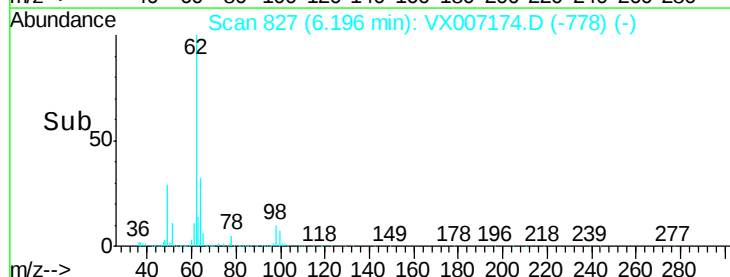
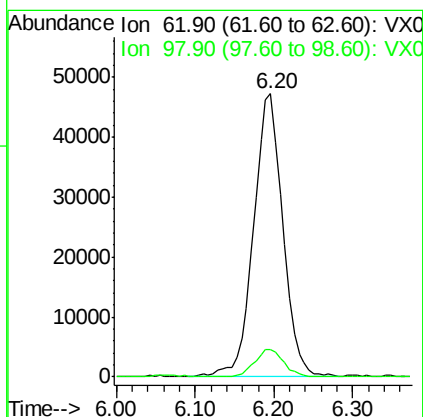
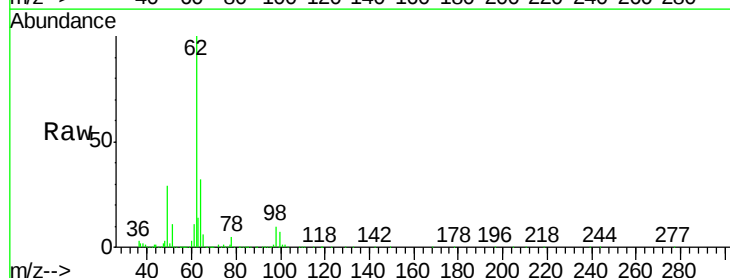
RT: 6.20 min Scan# 827

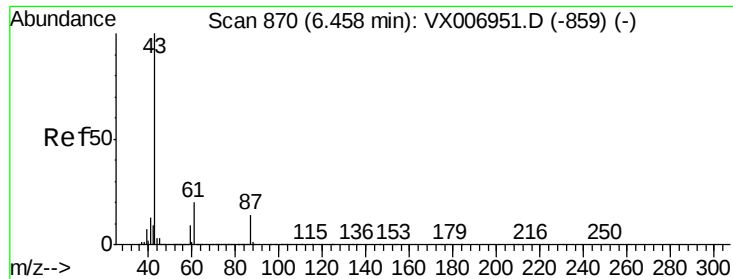
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 18.508 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

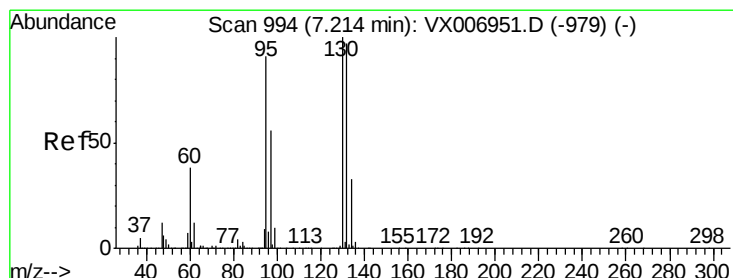
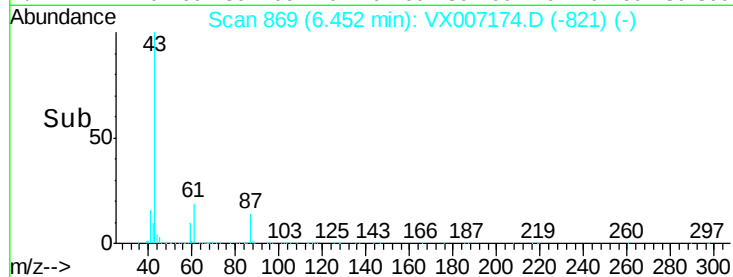
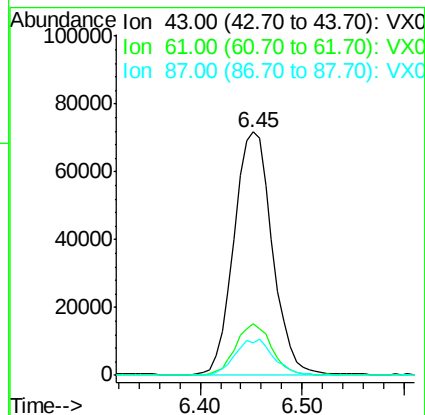
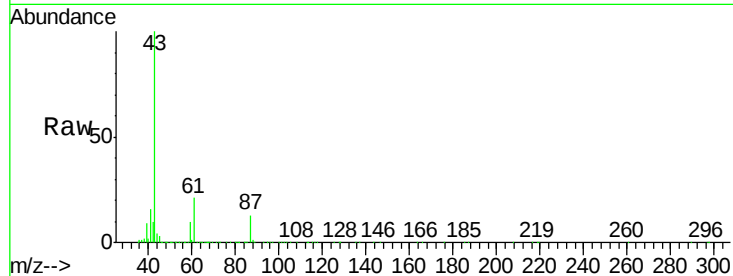
ClientSampleId :

VX0122WBS01

Tot Ion:	43	Resp:	186781
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.8	12.4	18.6

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#44

Trichloroethene

Concen: 19.061 ug/l

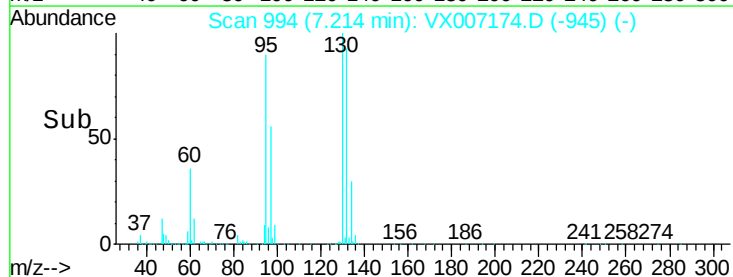
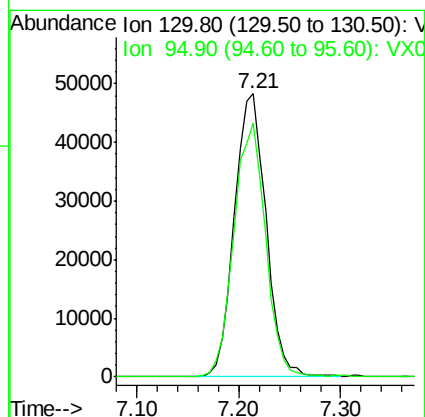
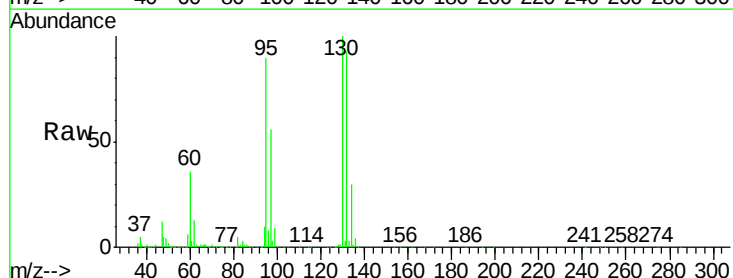
RT: 7.21 min Scan# 994

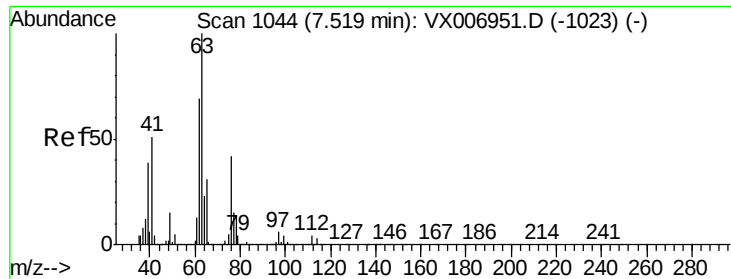
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	130	Resp:	104010
Ion	Ratio	Lower	Upper
130	100		
95	89.5	0.0	187.0





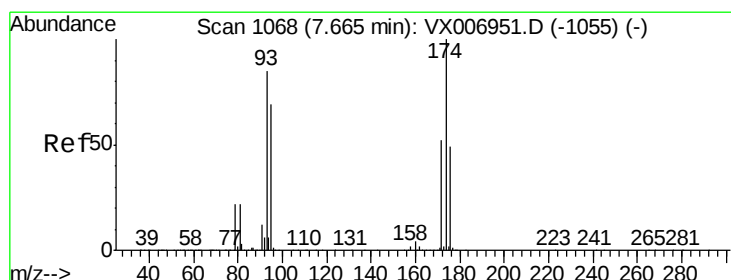
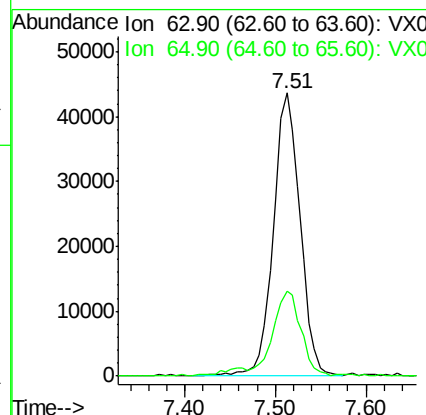
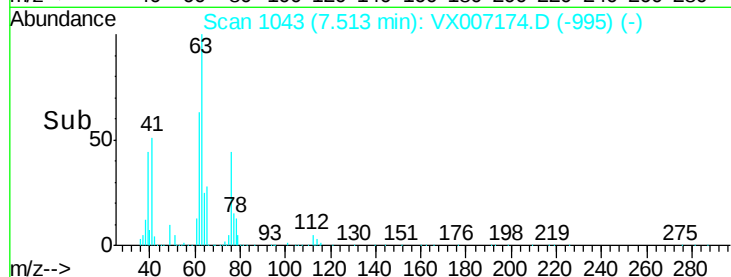
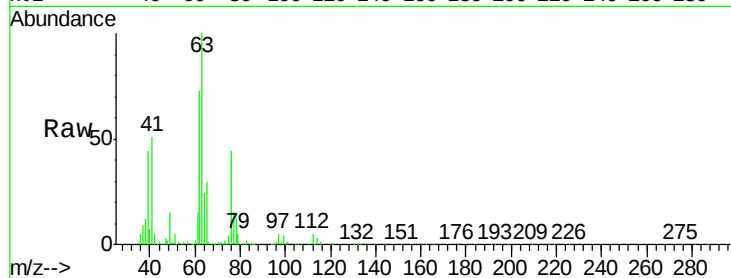
#45
 1,2-Dichloropropane
 Concen: 19.393 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.4	38.0

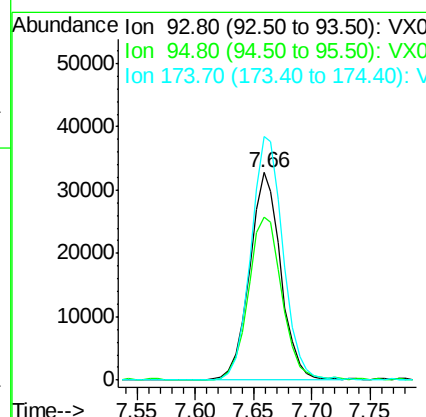
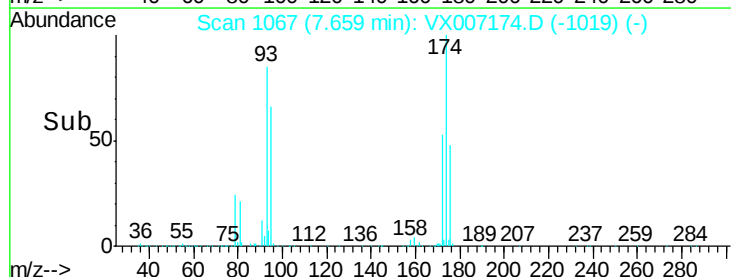
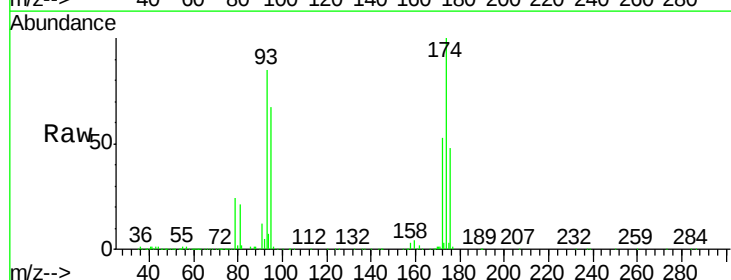
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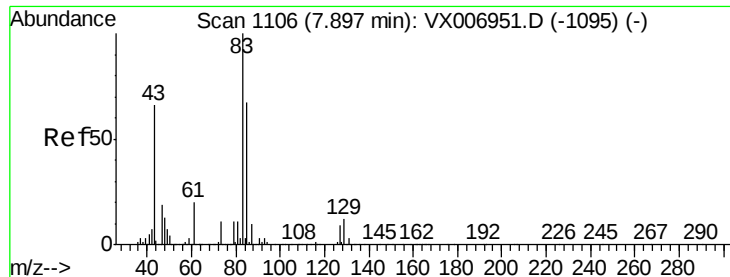
MMDadoda
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#46
 Dibromomethane
 Concen: 18.961 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.01 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	66.2	99.4
174	121.0	91.0	136.4





#47

Bromodichloromethane

Concen: 19.446 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

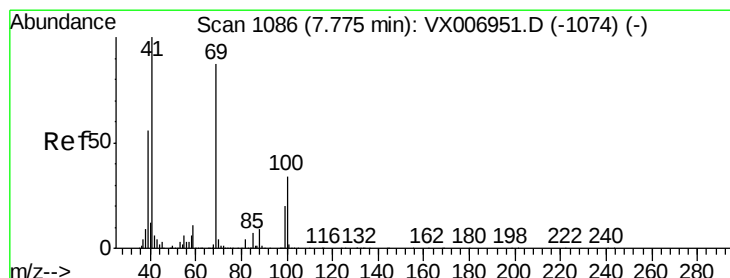
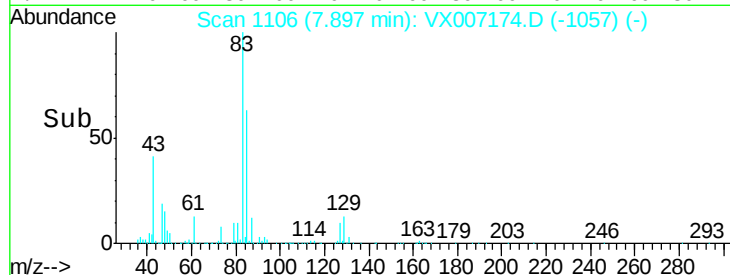
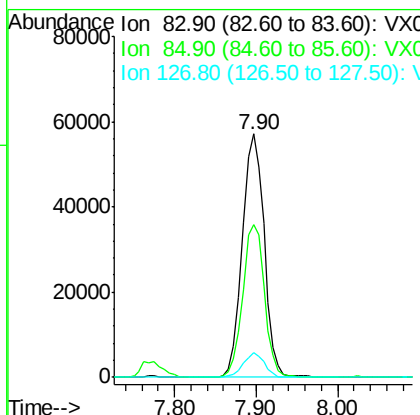
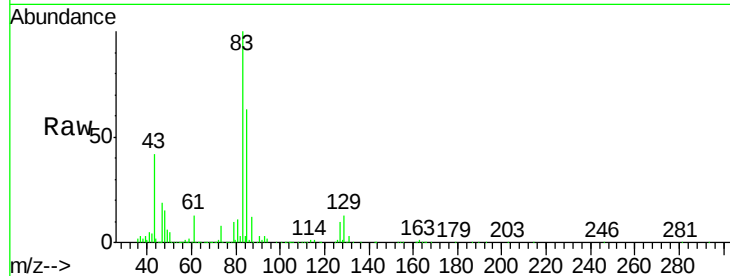
ClientSampleId :

VX0122WBS01

Tot Ion:	83	Resp:	106494
Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.2	79.8
127	10.2	7.8	11.6

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#48

Methyl methacrylate

Concen: 18.557 ug/l

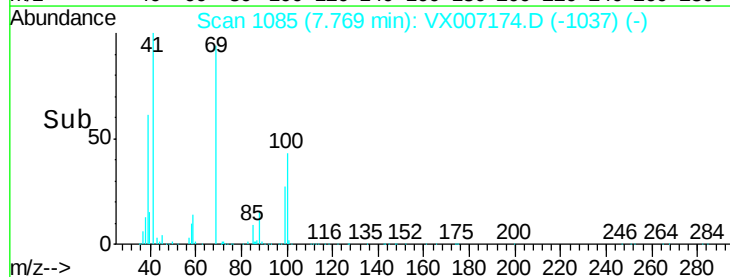
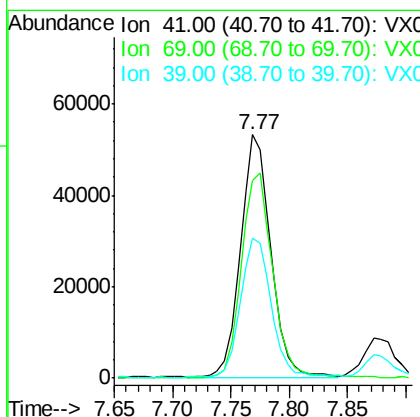
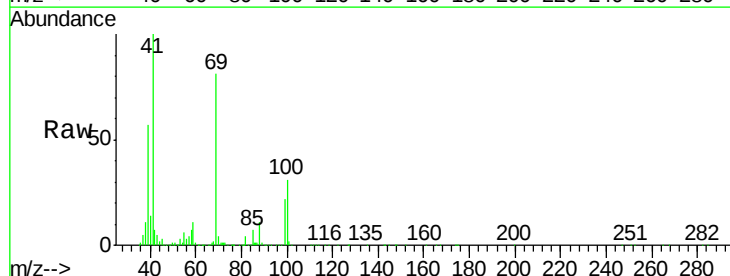
RT: 7.77 min Scan# 1085

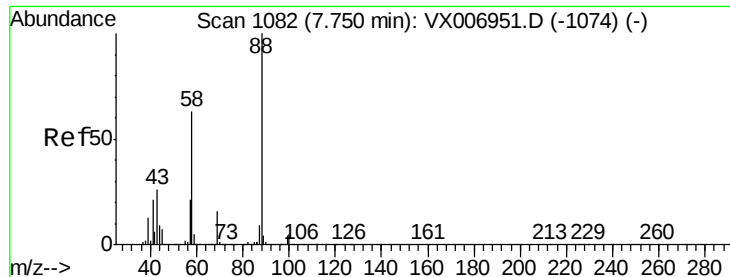
Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	41	Resp:	96174
Ion	Ratio	Lower	Upper
41	100		
69	87.7	72.4	108.6
39	59.3	45.8	68.8





#49

1,4-Dioxane

Concen: 391.872 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

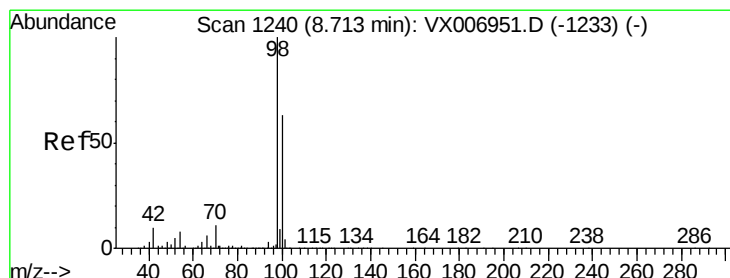
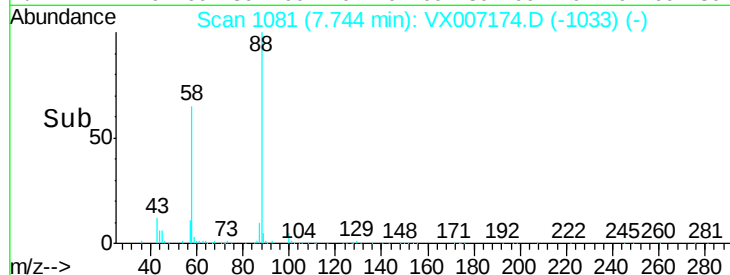
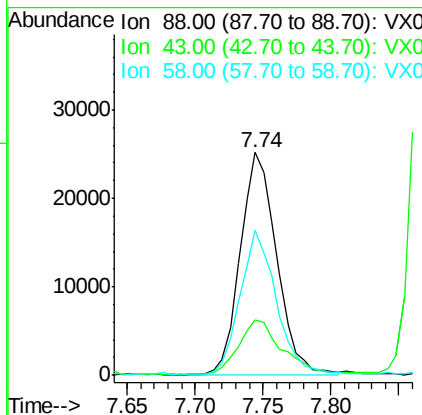
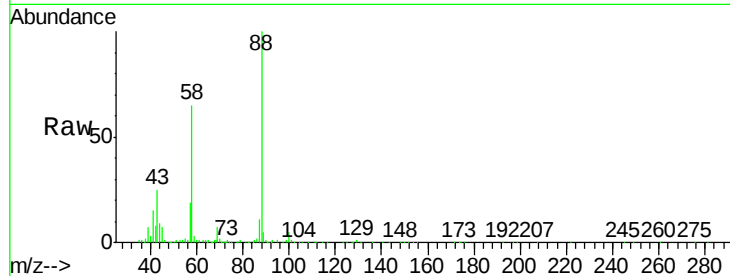
ClientSampleId :

VX0122WBS01

Tot Ion:	88	Resp:	46997
Ion	Ratio	Lower	Upper
88	100		
43	31.0	22.2	33.4
58	64.5	51.0	76.4

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#50

Toluene-d8

Concen: 52.225 ug/l

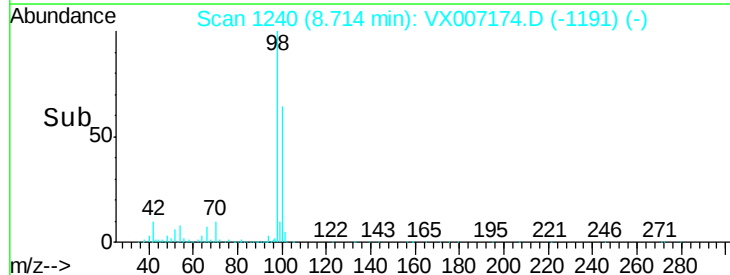
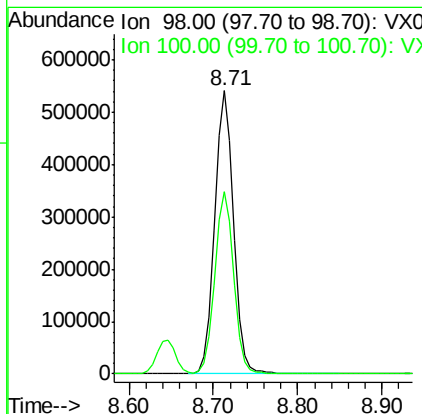
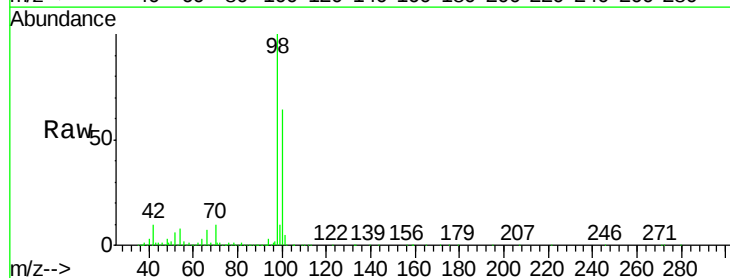
RT: 8.71 min Scan# 1240

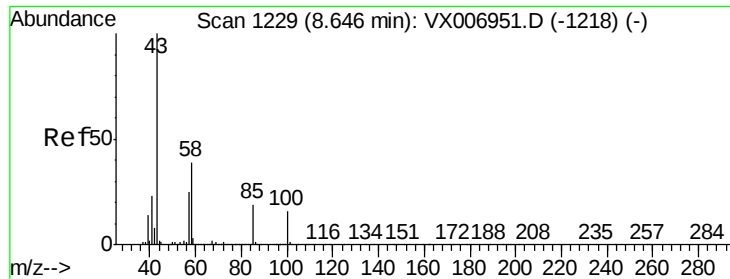
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	98	Resp:	840284
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





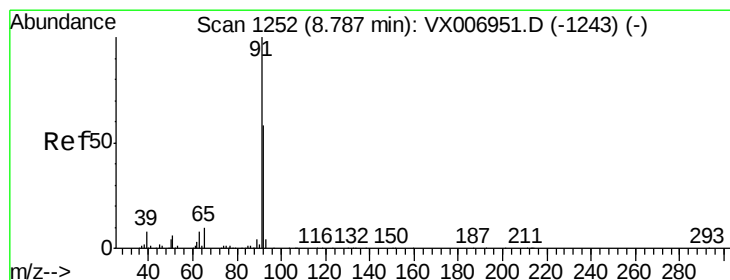
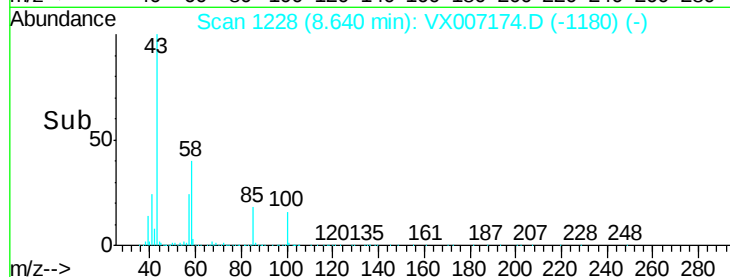
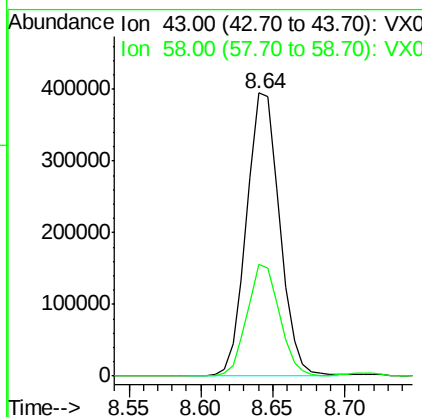
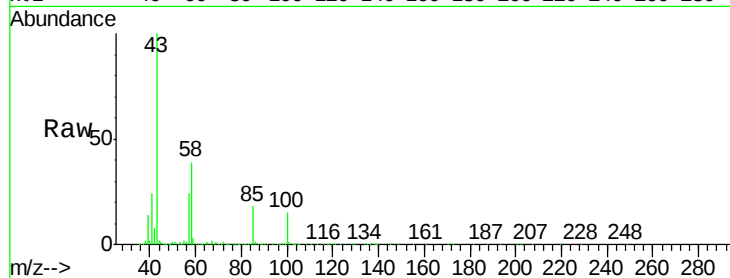
#51
4-Methyl-2-Pentanone
Concen: 96.688 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion: 43 Resp: 627080
Ion Ratio Lower Upper
43 100
58 38.8 31.8 47.6

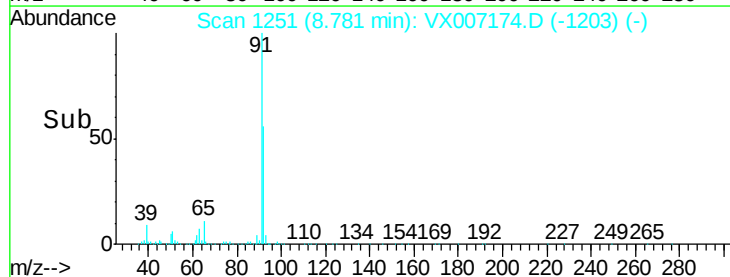
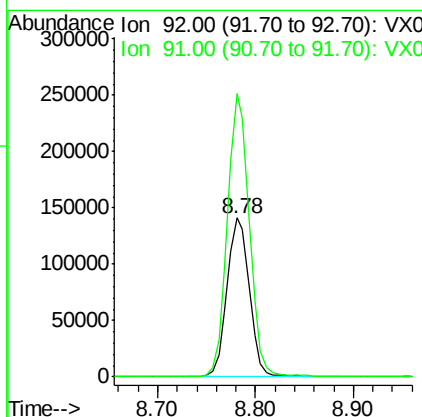
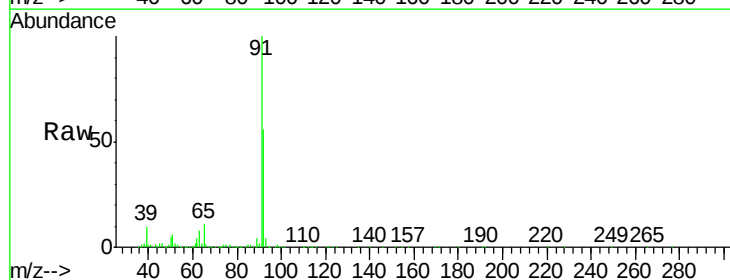
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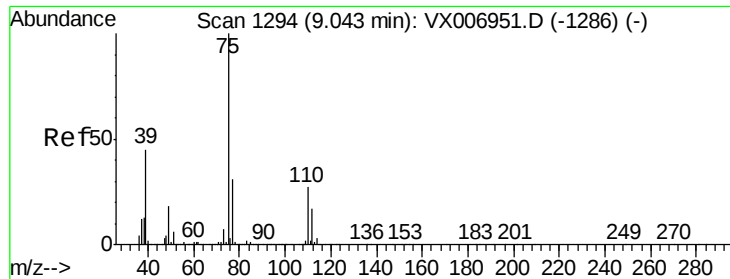
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#52
Toluene
Concen: 19.195 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion: 92 Resp: 224658
Ion Ratio Lower Upper
92 100
91 174.3 137.6 206.4





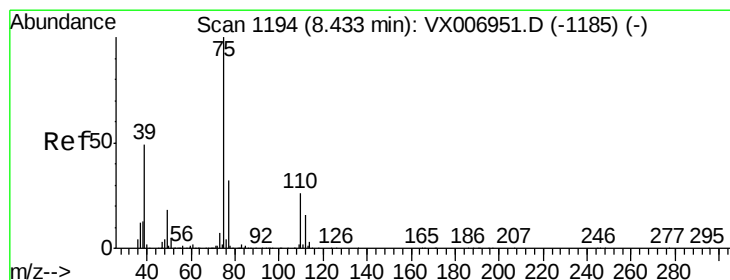
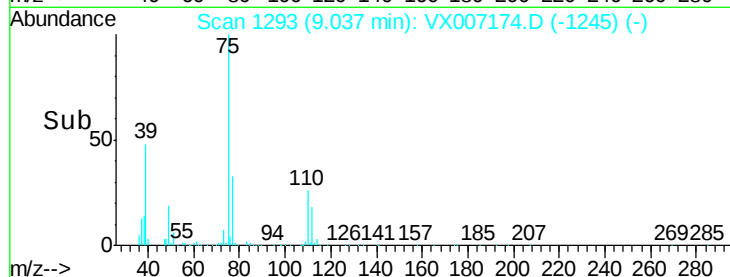
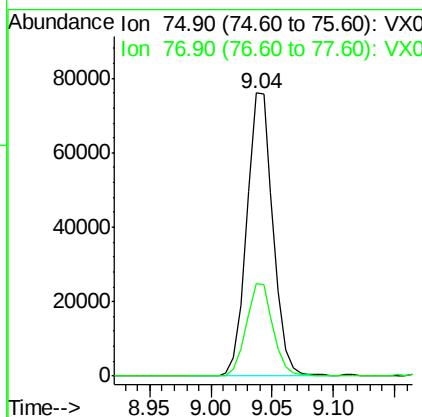
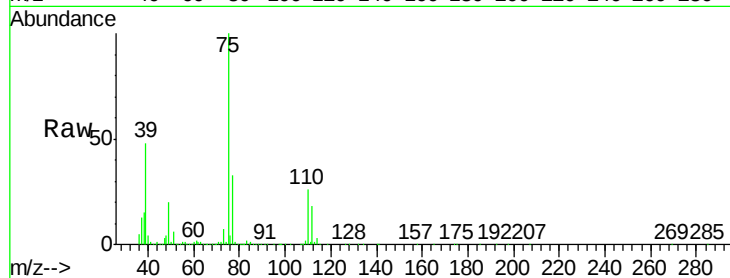
#53
t-1,3-Dichloropropene
Concen: 18.675 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.5	25.4	38.0

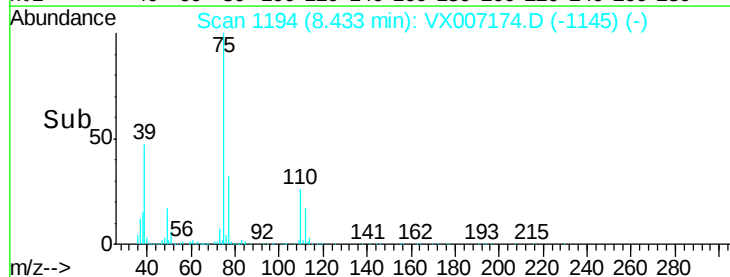
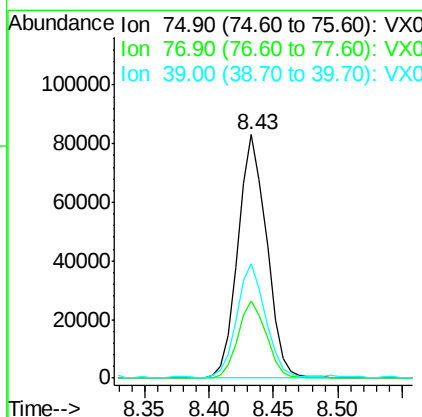
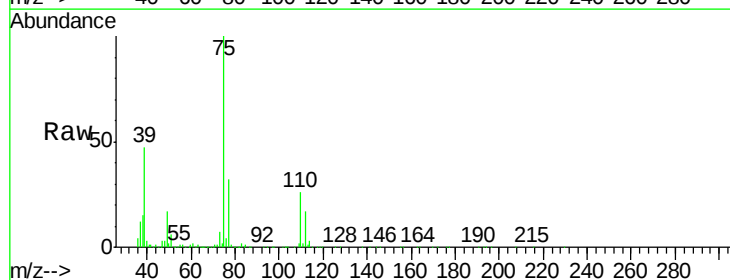
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#54
cis-1,3-Dichloropropene
Concen: 19.192 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	26.2	39.2
39	46.3	36.7	55.1





#55

1,1,2-Trichloroethane

Concen: 20.495 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

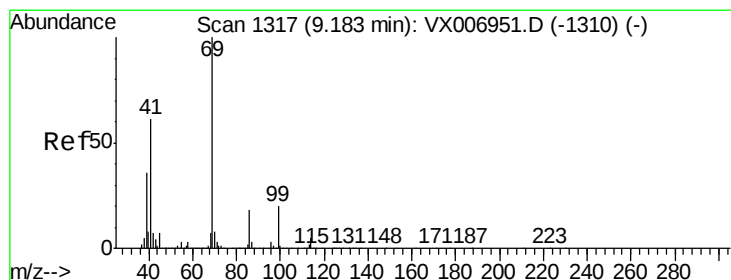
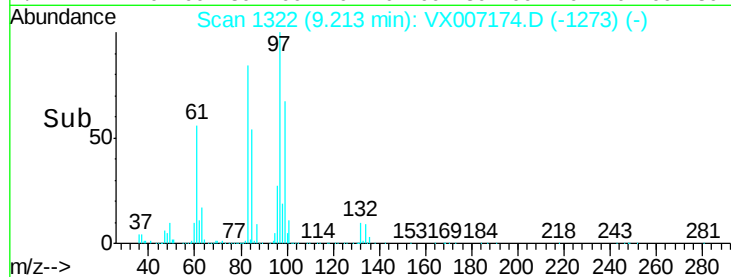
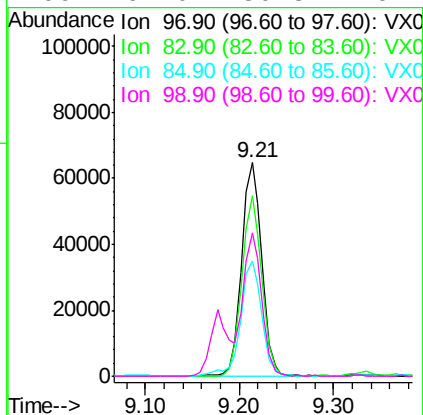
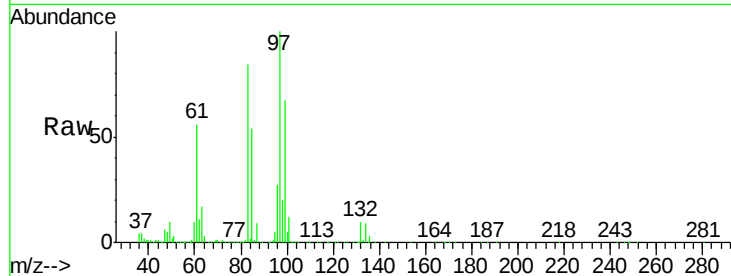
ClientSampleId :

VX0122WBS01

Tot Ion:	97	Resp:	96012
Ion Ratio	Lower	Upper	
97	100		
83	84.2	66.6	99.8
85	54.0	42.7	64.1
99	67.0	50.8	76.2

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#56

Ethyl methacrylate

Concen: 19.171 ug/l

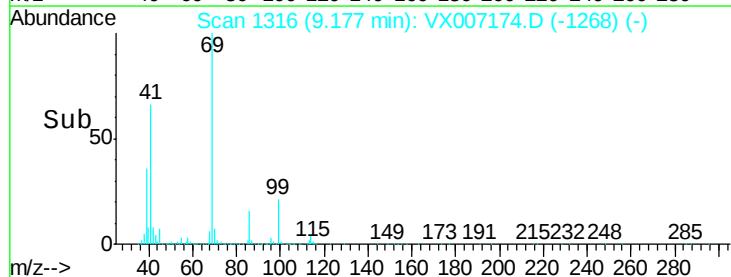
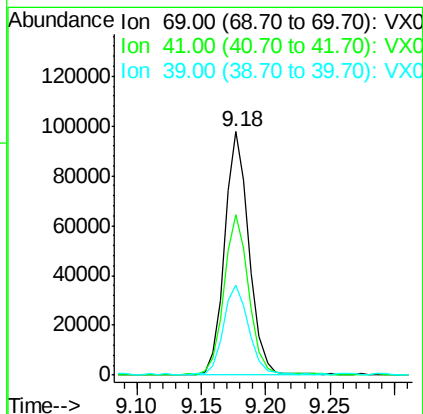
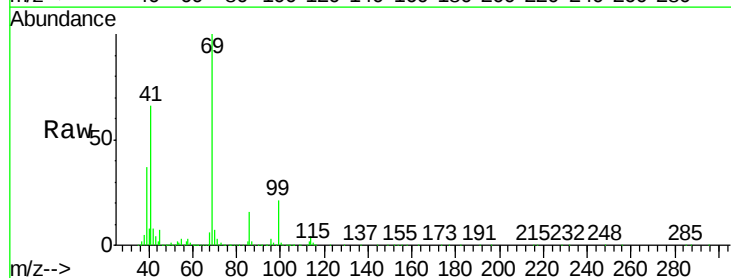
RT: 9.18 min Scan# 1316

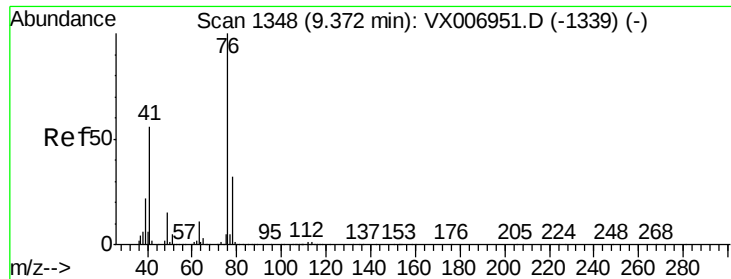
Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	69	Resp:	131106
Ion Ratio	Lower	Upper	
69	100		
41	65.9	48.7	73.1
39	37.4	27.0	40.6





#57

1,3-Dichloropropane

Concen: 19.628 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 76 Resp: 150639

Ion Ratio Lower Upper

76 100

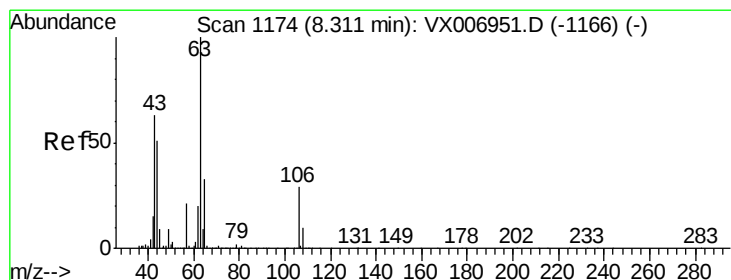
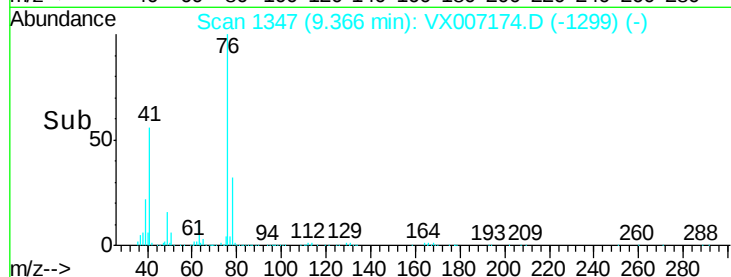
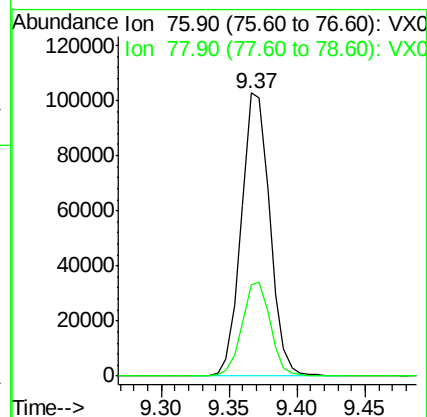
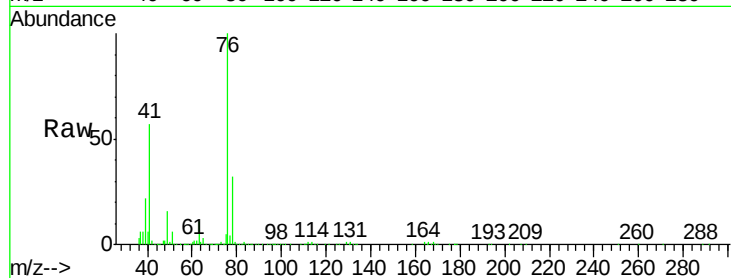
78 32.5 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 102.976 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007174.D

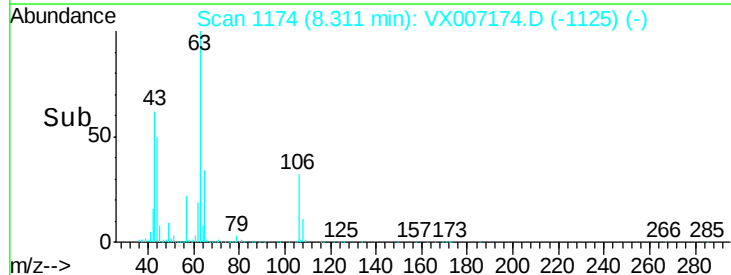
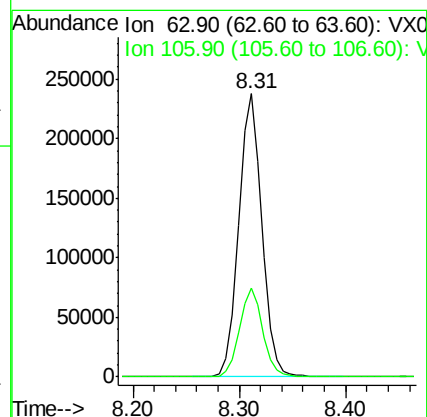
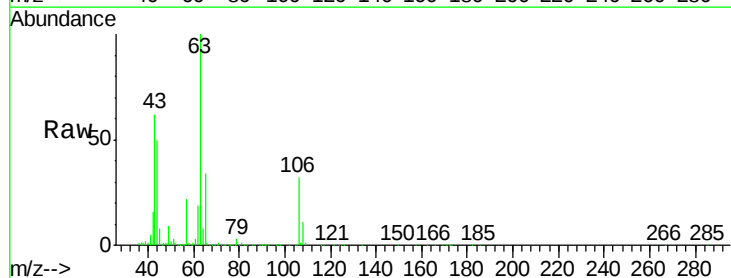
Acq: 22 Jan 2019 11:48

Tgt Ion: 63 Resp: 362089

Ion Ratio Lower Upper

63 100

106 31.4 24.6 36.8





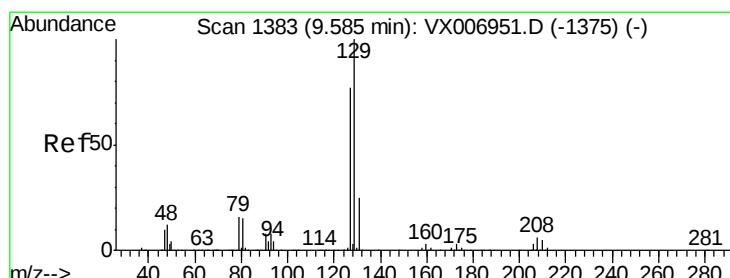
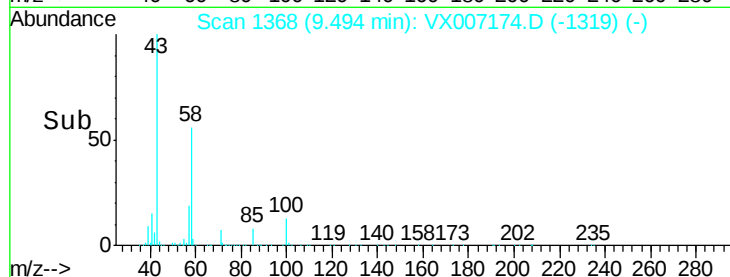
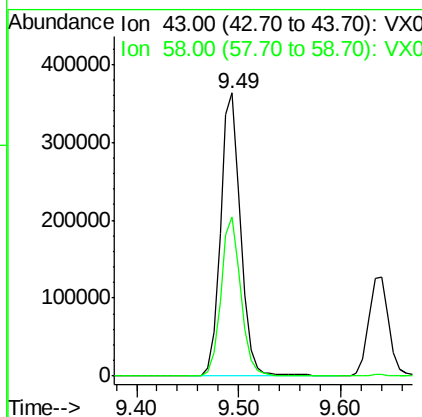
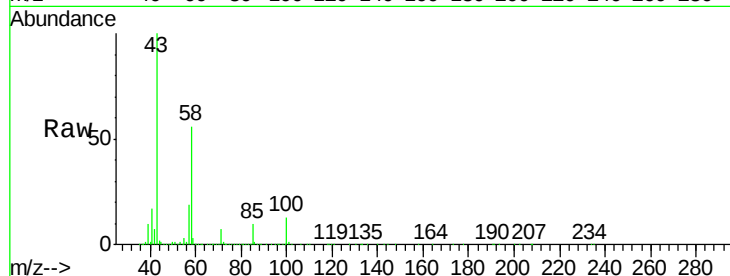
#59
2-Hexanone
Concen: 100.791 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion: 43 Resp: 498149
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

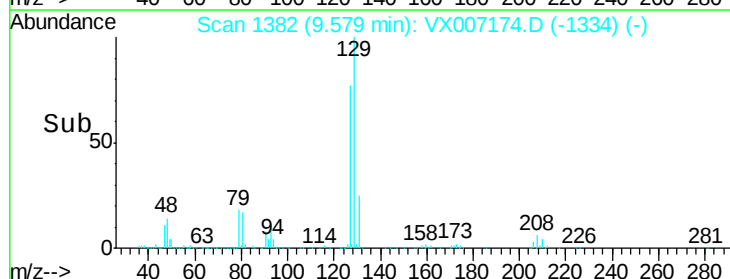
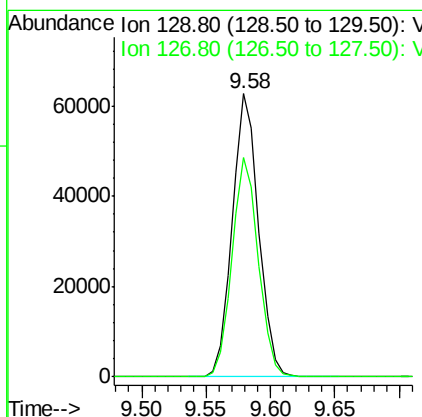
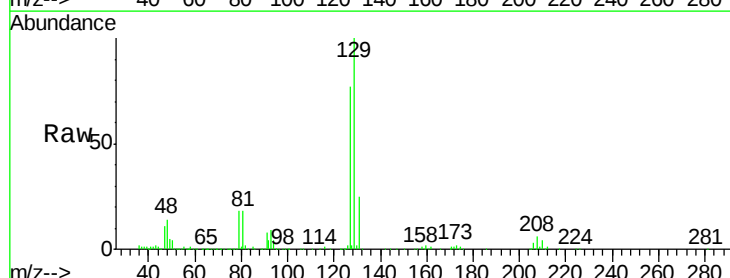
Manual Integrations
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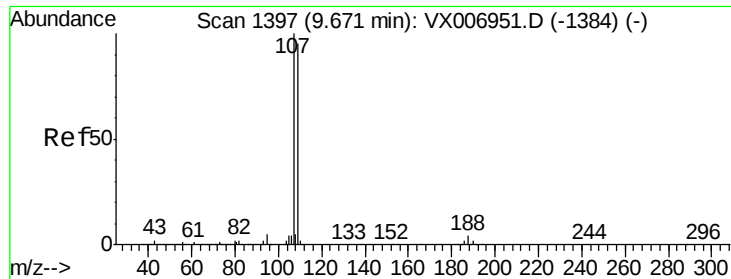
MMDadoda
1/23/2019 11:29:28 AM



#60
Dibromochloromethane
Concen: 19.672 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion: 129 Resp: 89483
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





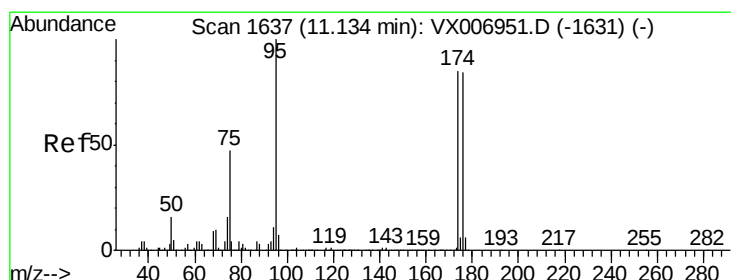
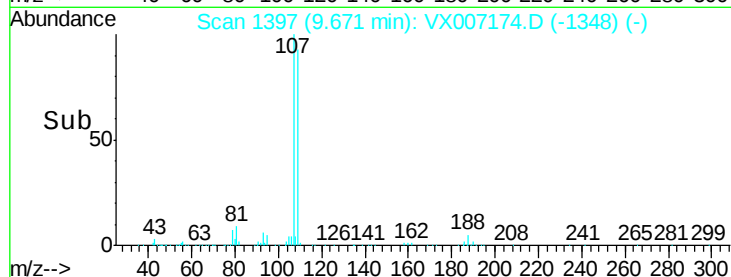
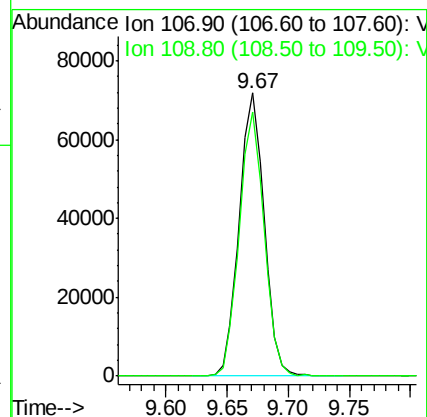
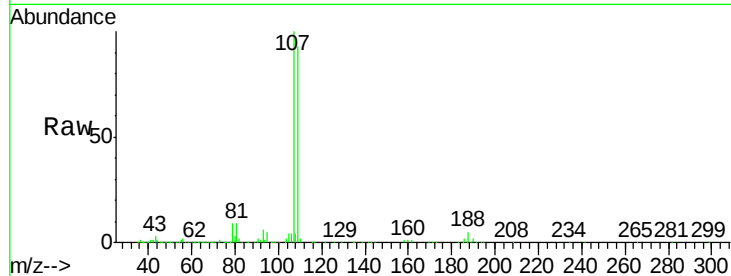
#61
1,2-Dibromoethane
Concen: 19.667 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.1	75.8	113.6

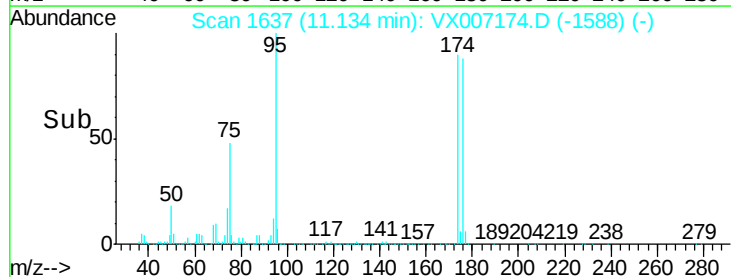
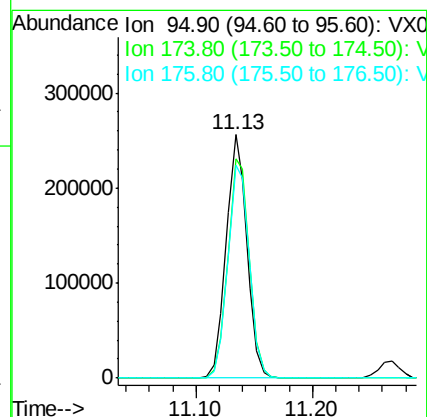
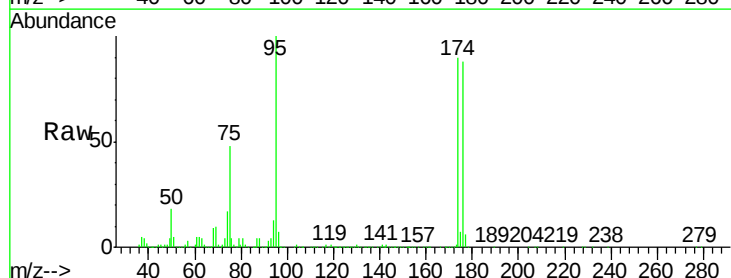
Manual Integrations
APPROVED

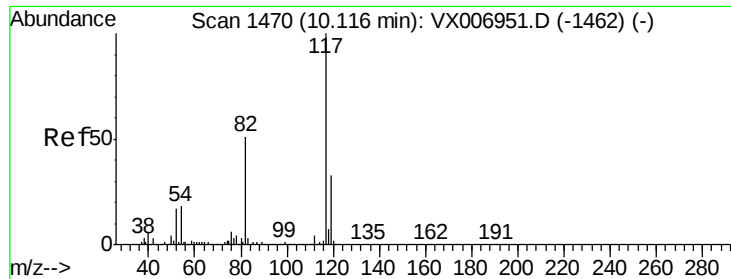
MMDadoda
1/23/2019 11:29:28 AM



#62
4-Bromofluorobenzene
Concen: 55.951 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.3	0.0	182.2
176	91.1	0.0	178.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

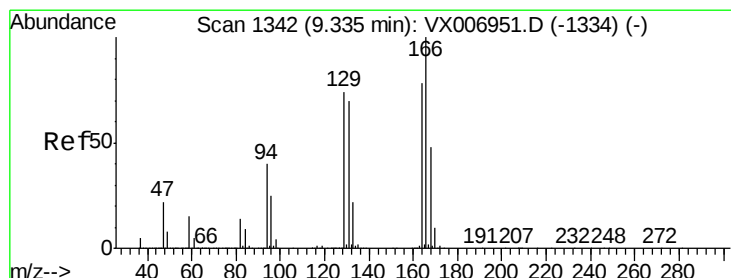
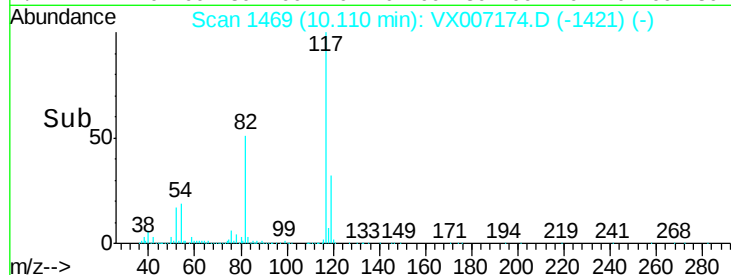
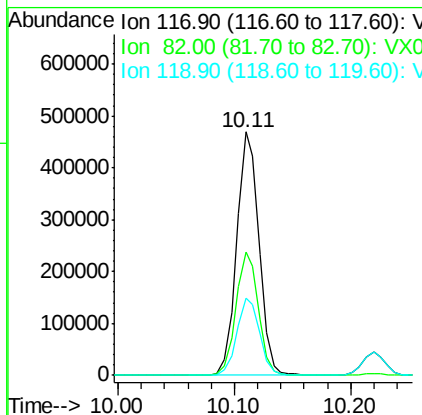
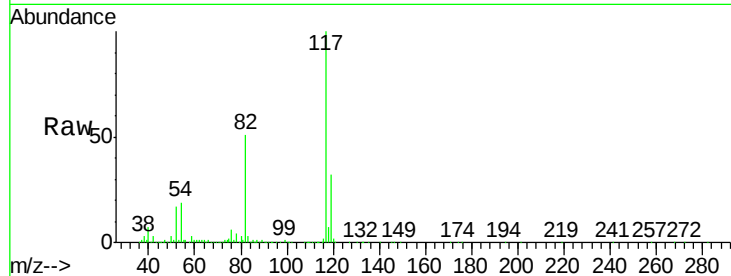
ClientSampleId :

VX0122WBS01

Tot Ion:	117	Resp:	627394
Ion Ratio	Lower	Upper	
117	100		
82	50.5	41.0	61.6
119	31.8	25.4	38.0

Manual Integrations
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MMDadoda
1/23/2019 11:29:28 AM



#64

Tetrachloroethene

Concen: 19.754 ug/l

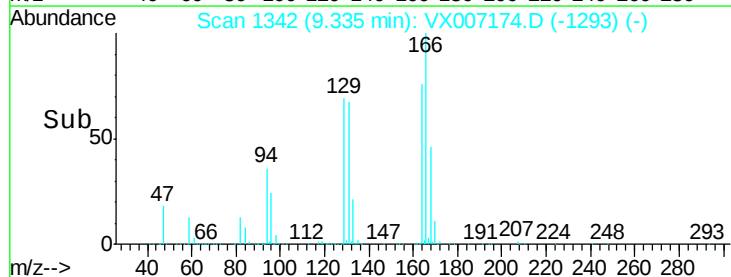
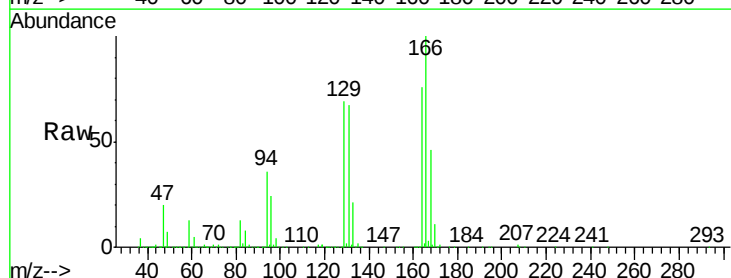
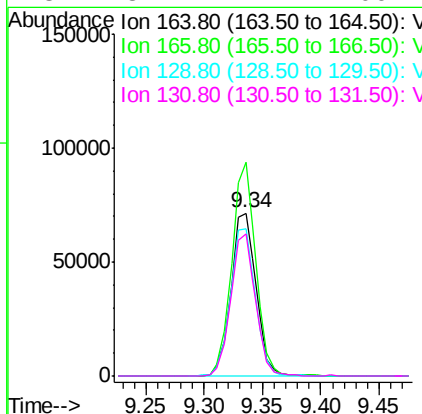
RT: 9.34 min Scan# 1342

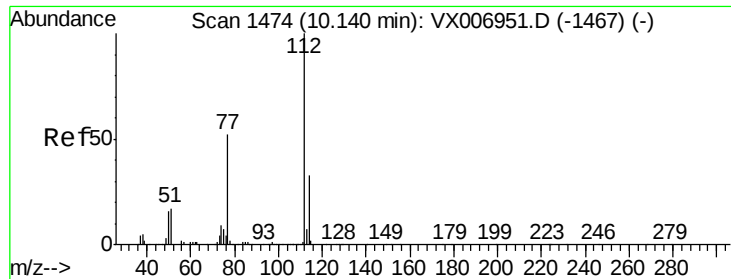
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	164	Resp:	107298
Ion Ratio	Lower	Upper	
164	100		
166	131.2	102.5	153.7
129	90.8	75.1	112.7
131	87.4	72.7	109.1





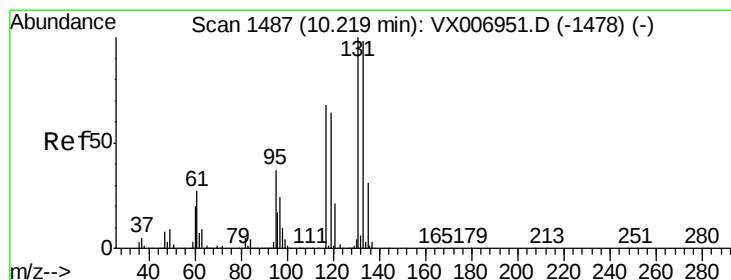
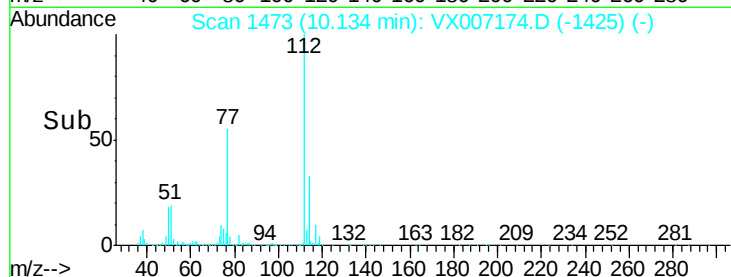
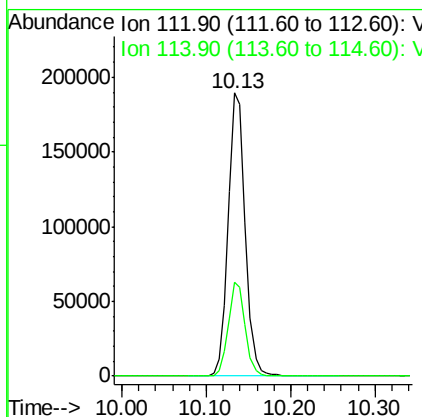
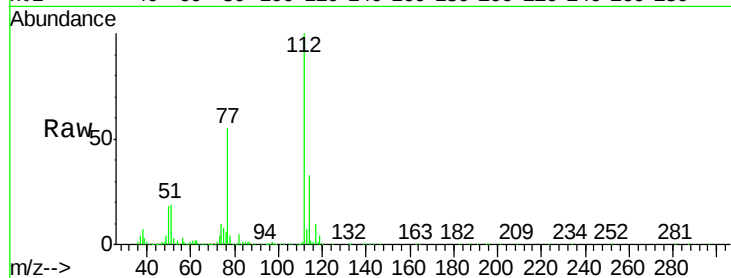
#65
Chlorobenzene
Concen: 19.253 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.7	38.5

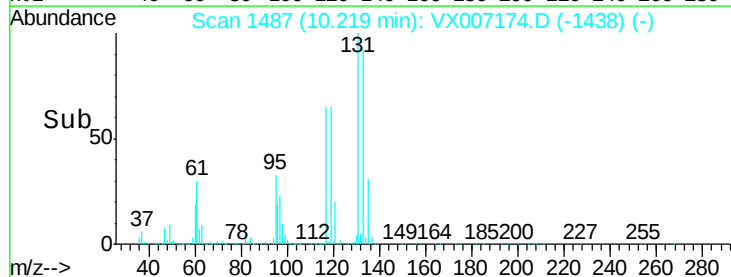
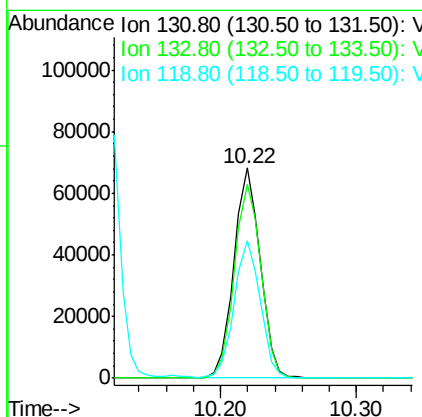
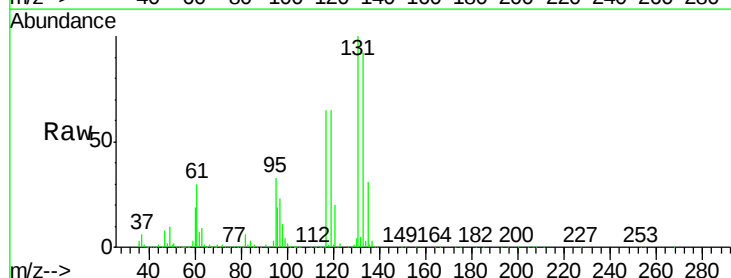
Manual Integrations
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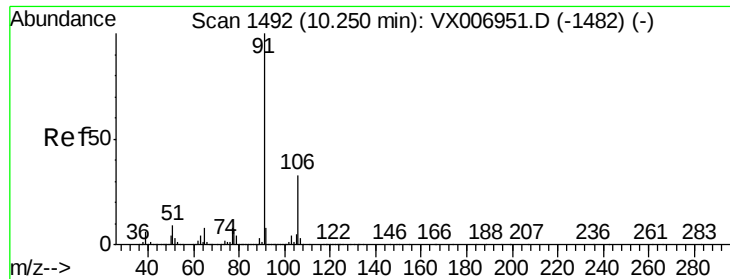
MMDadoda
1/23/2019 11:29:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.006 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.1	48.0	144.2
119	65.1	32.6	97.8





#67

Ethyl Benzene

Concen: 19.167 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 91 Resp: 432999

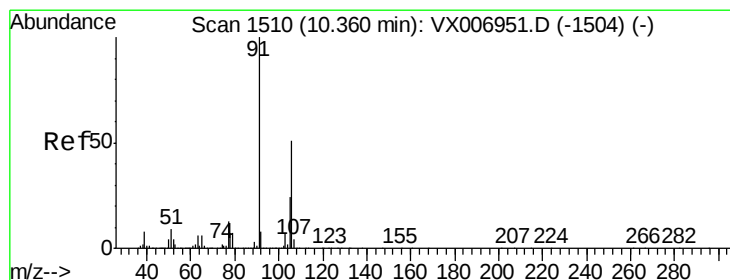
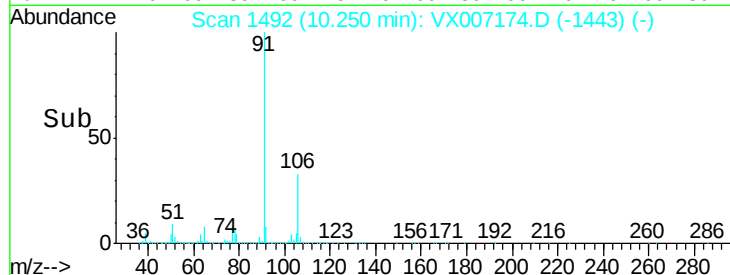
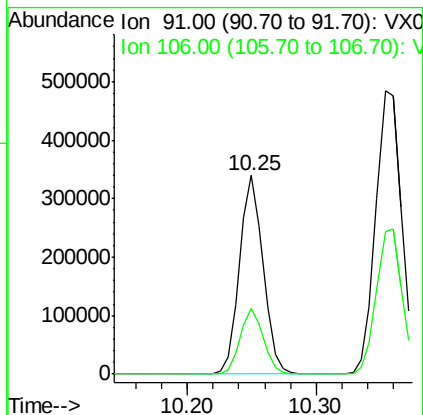
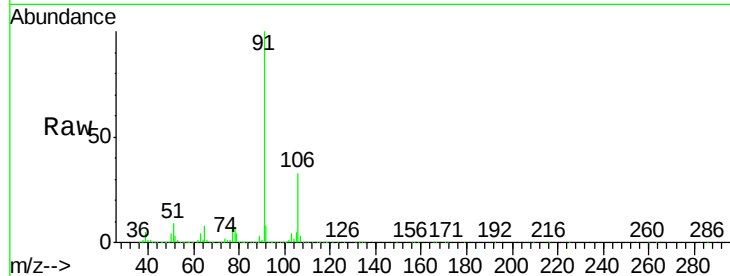
Ion Ratio Lower Upper

91 100

106 33.0 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 38.516 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007174.D

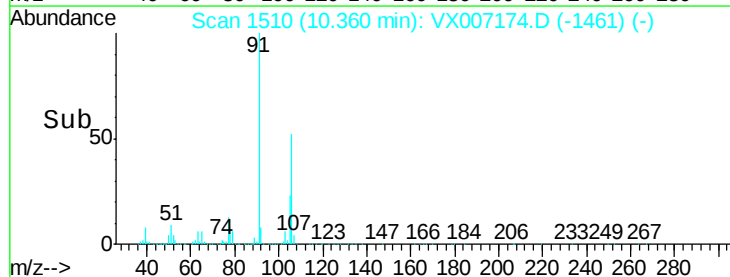
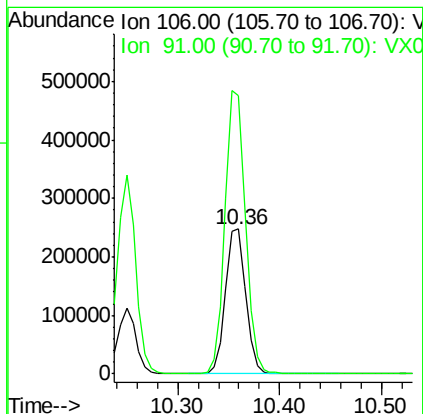
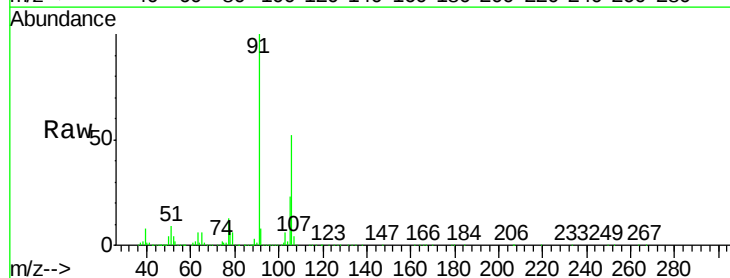
Acq: 22 Jan 2019 11:48

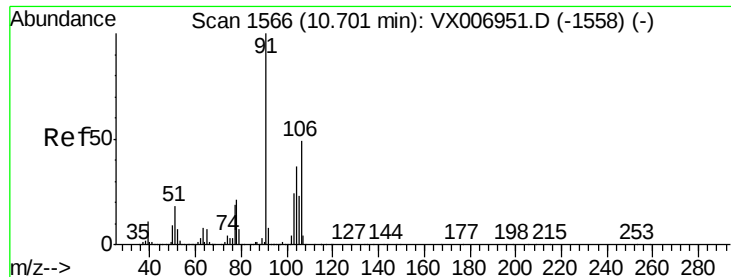
Tgt Ion: 106 Resp: 342798

Ion Ratio Lower Upper

106 100

91 196.3 155.8 233.6





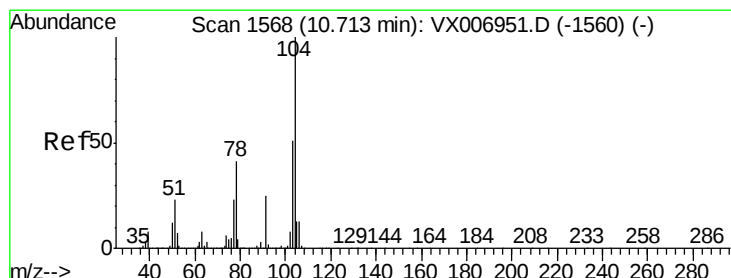
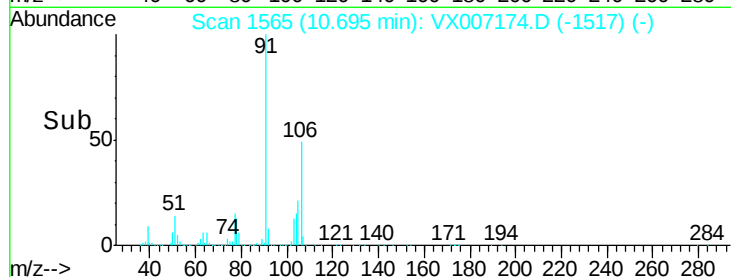
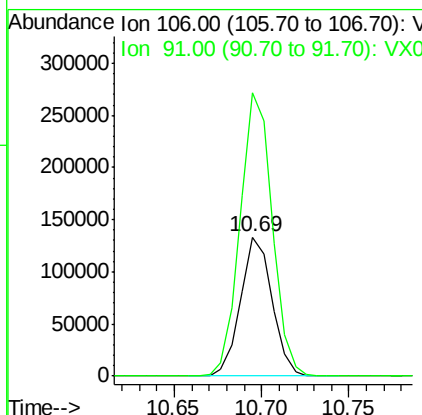
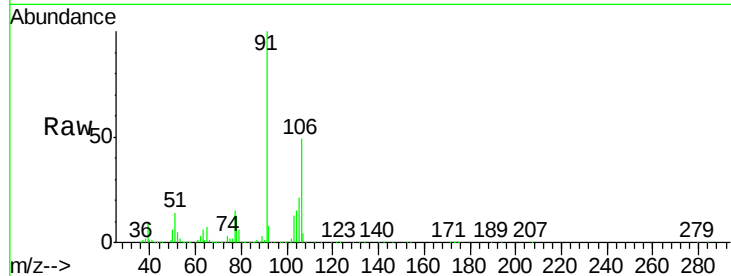
#69
o-Xylene
Concen: 19.276 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	208.1	101.3	167318	303.7	

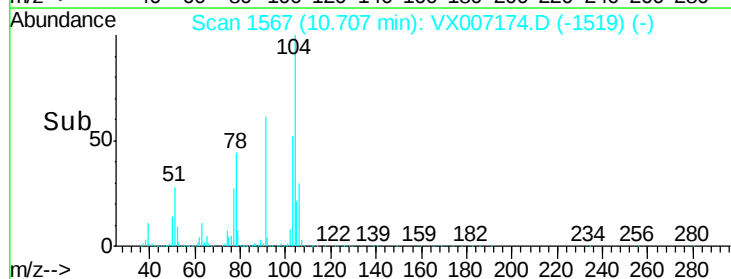
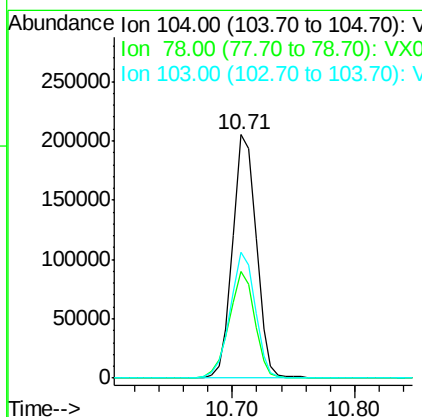
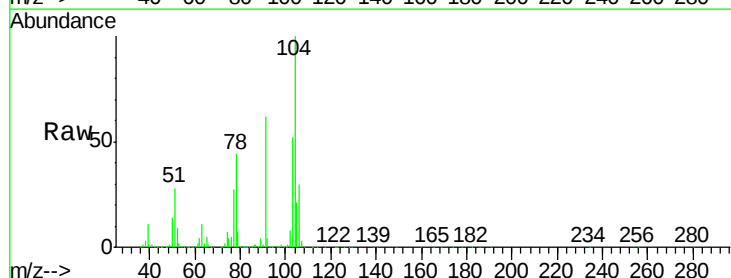
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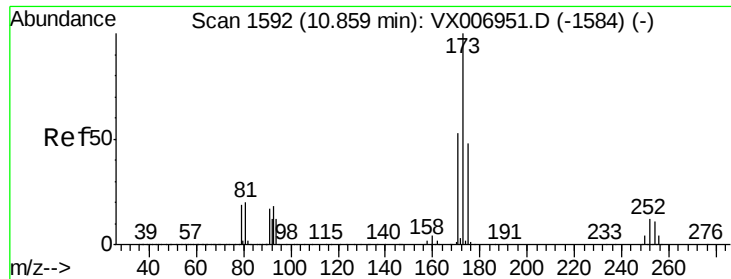
MMDadoda
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#70
Styrene
Concen: 19.997 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	47.1	37.7	274899	56.5	
103	54.4	43.8		65.8	





#71

Bromoform

Concen: 18.841 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion:173 Resp: 64195

Ion Ratio Lower Upper

173 100

175 50.1 24.7 74.1

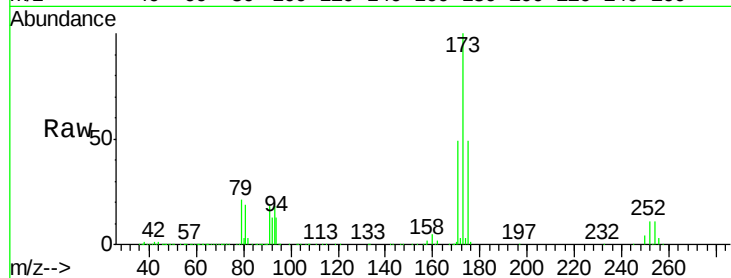
254 0.2 0.2 0.2

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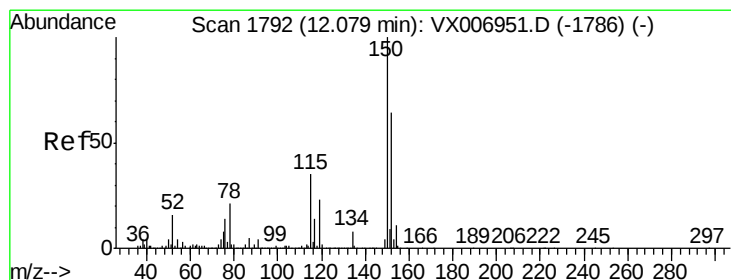
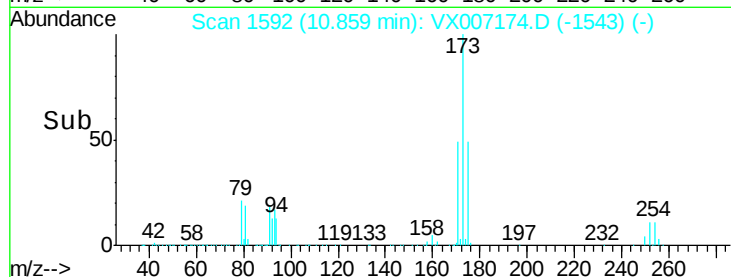
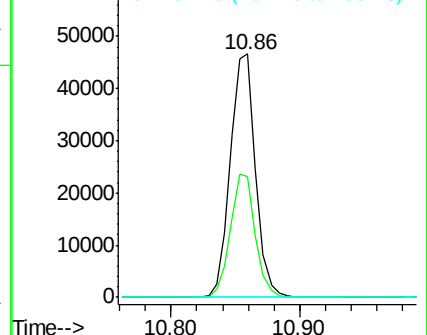
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

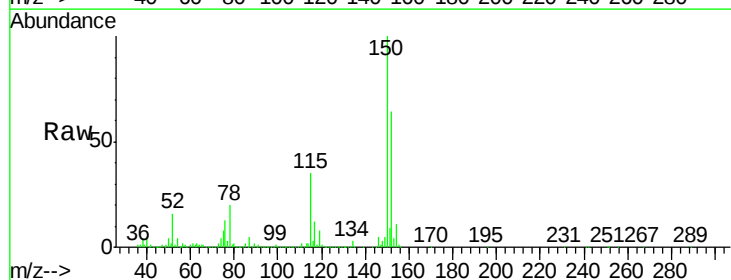
Tgt Ion:152 Resp: 348857

Ion Ratio Lower Upper

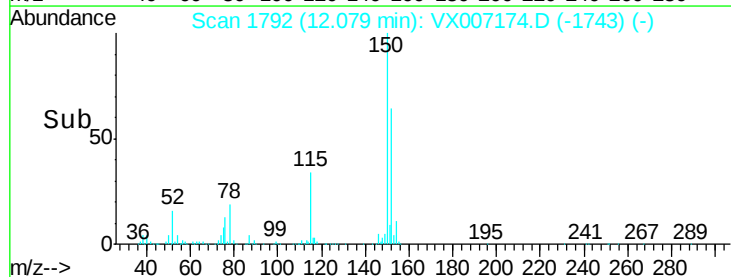
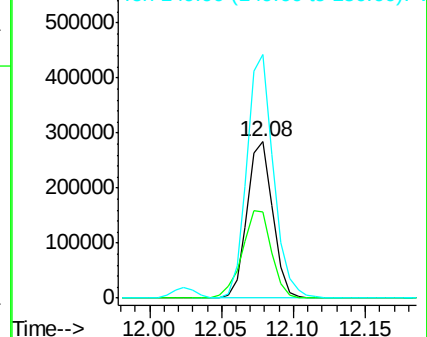
152 100

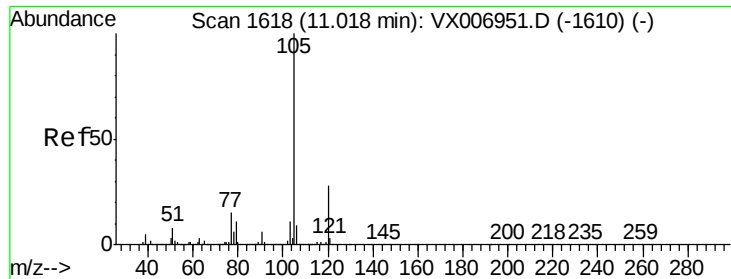
115 63.8 39.1 117.2

150 162.1 0.0 344.8



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





#73

Isopropylbenzene

Concen: 18.400 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 105 Resp: 452637

Ion Ratio Lower Upper

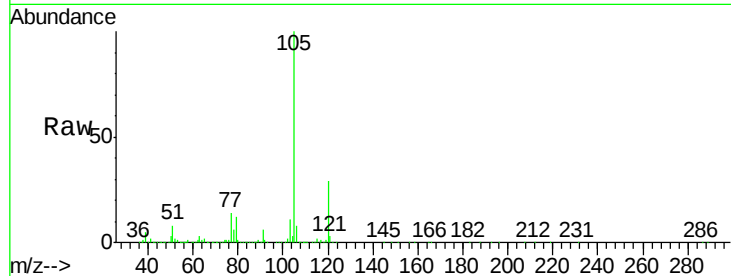
105 100

120 27.6 14.1 42.4

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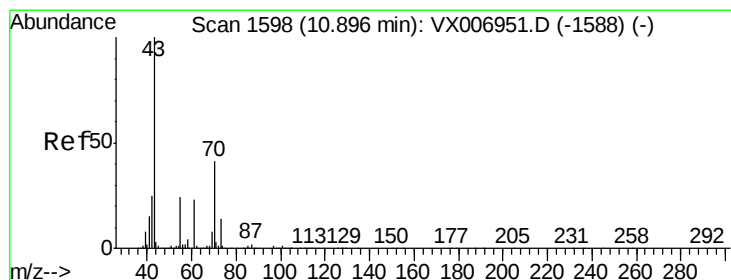
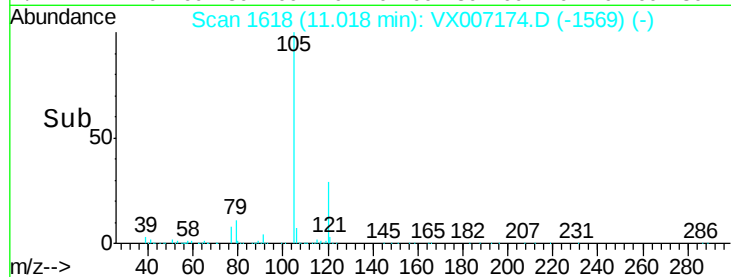
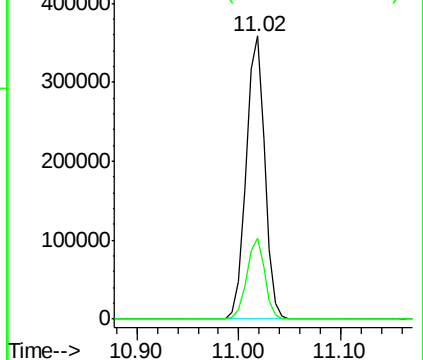
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.320 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion: 43 Resp: 171538

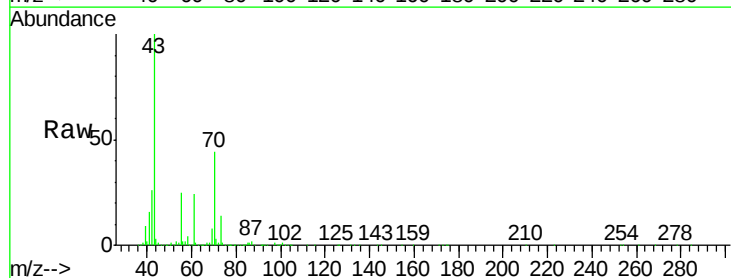
Ion Ratio Lower Upper

43 100

70 44.0 35.8 53.8

55 25.8 19.4 29.0

61 24.2 20.1 30.1

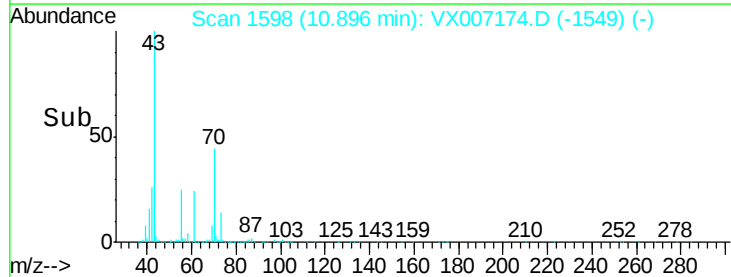
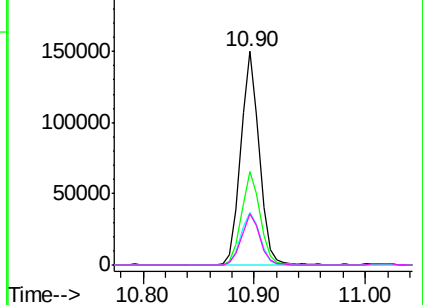


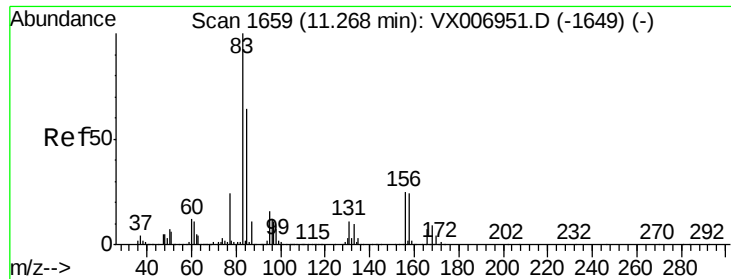
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.149 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion: 83 Resp: 141737

Ion Ratio Lower Upper

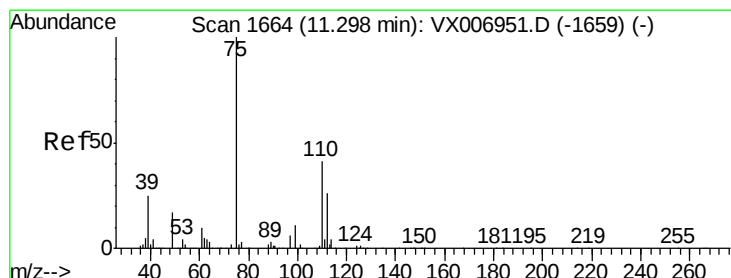
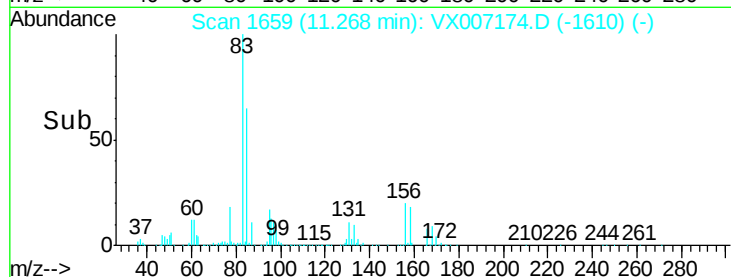
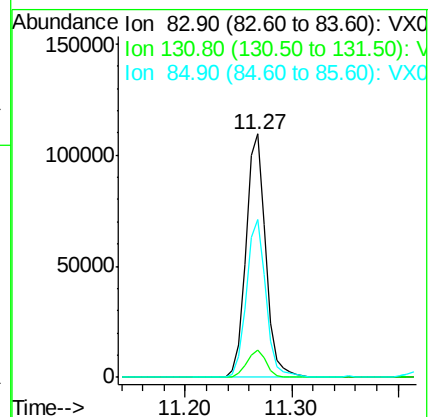
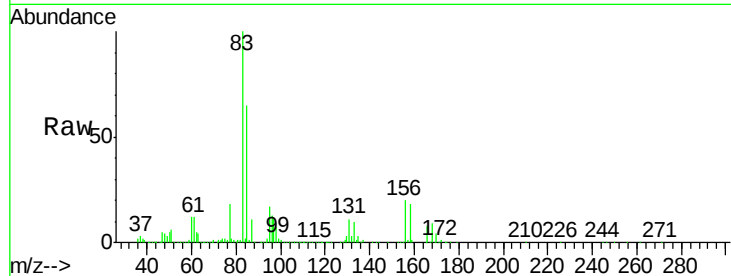
83 100

131 11.2 5.7 17.1

85 64.5 32.2 96.6

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MMDadoda
1/23/2019 11:29:28 AM



#76

1,2,3-Trichloropropane

Concen: 18.559 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007174.D

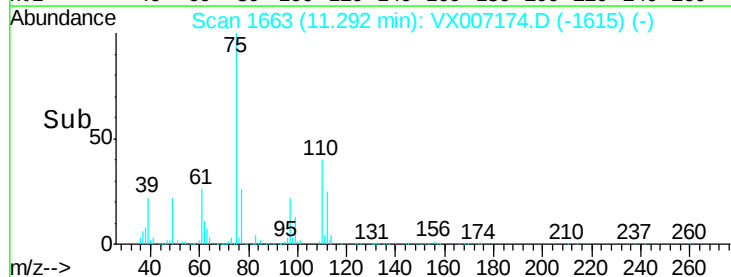
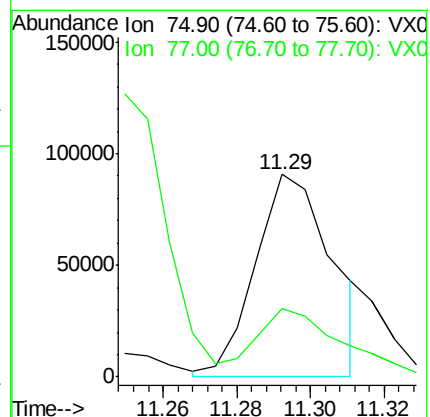
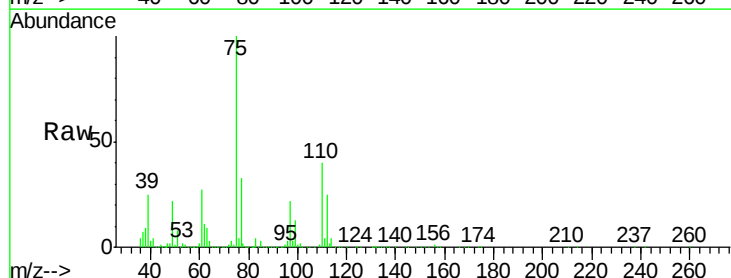
Acq: 22 Jan 2019 11:48

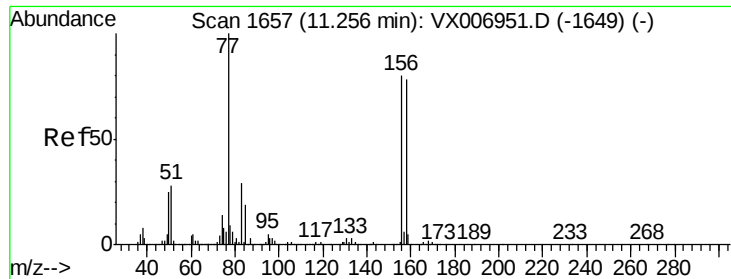
Tgt Ion: 75 Resp: 131205

Ion Ratio Lower Upper

75 100

77 37.7 18.5 55.5





#77

Bromobenzene

Concen: 18.313 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

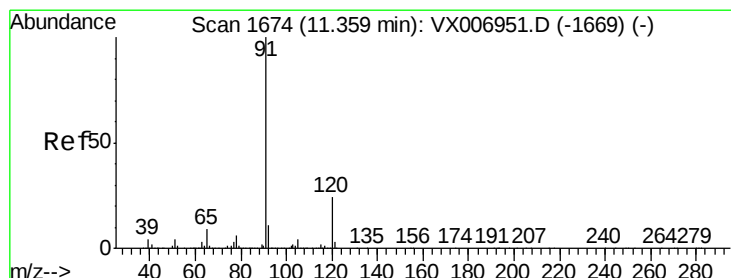
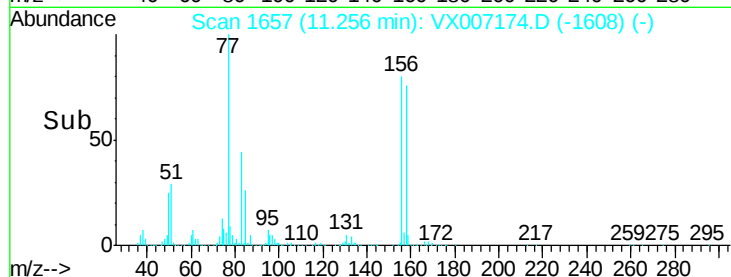
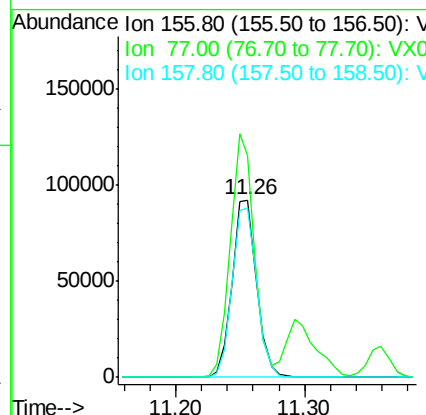
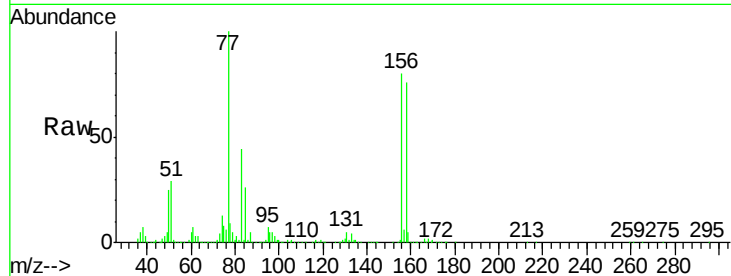
ClientSampleId :

VX0122WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.0	68.0	204.0
158	96.4	48.3	144.8

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#78

n-propylbenzene

Concen: 18.877 ug/l

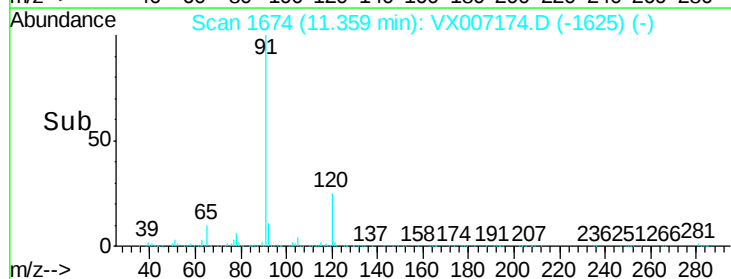
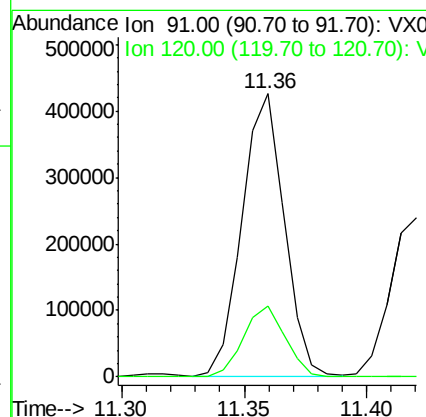
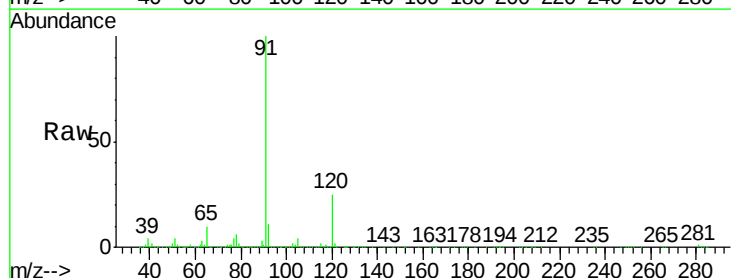
RT: 11.36 min Scan# 1674

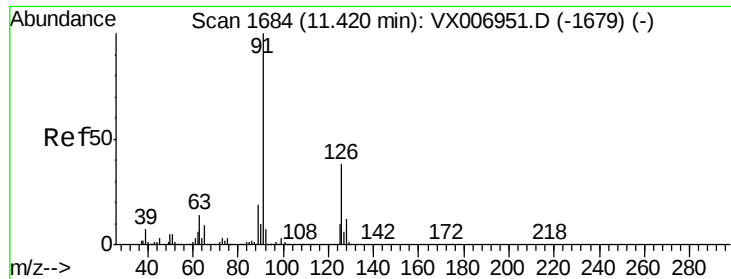
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 18.474 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampled :

VX0122WBS01

Tot Ion: 91 Resp: 300305

Ion Ratio Lower Upper

91 100

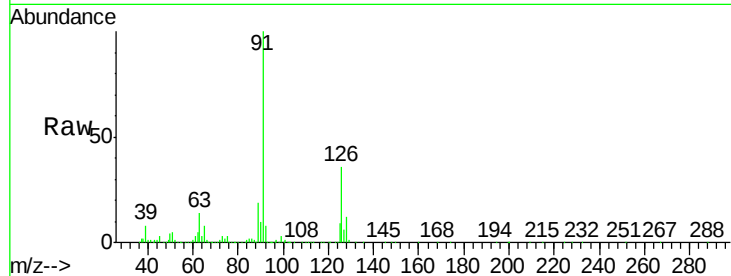
126 37.3 18.6 56.0

Manual Integrations

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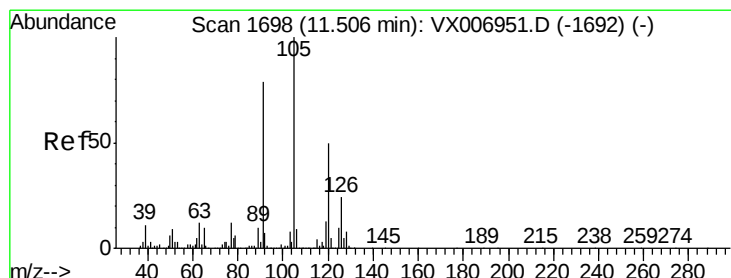
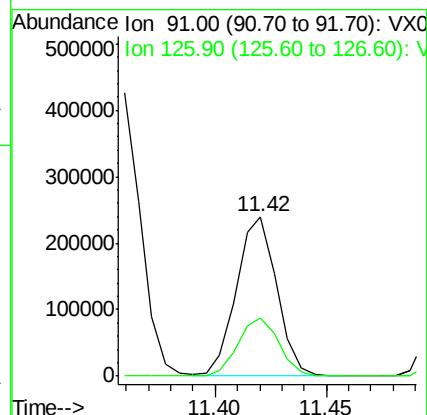
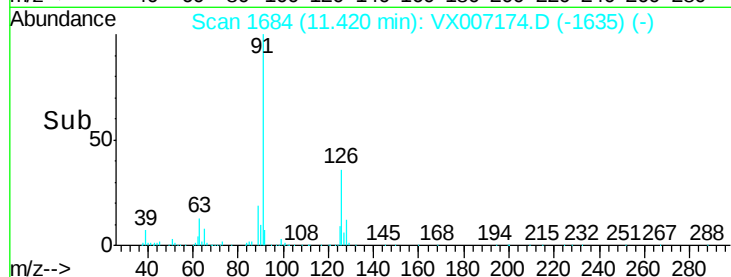


Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)

Abundance

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.306 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007174.D

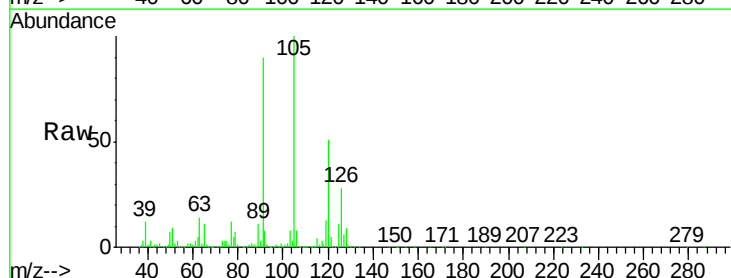
Acq: 22 Jan 2019 11:48

Tgt Ion: 105 Resp: 376272

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3

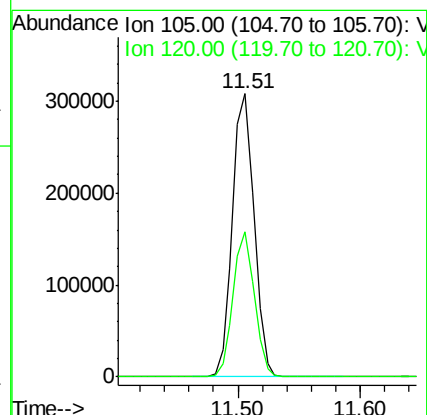
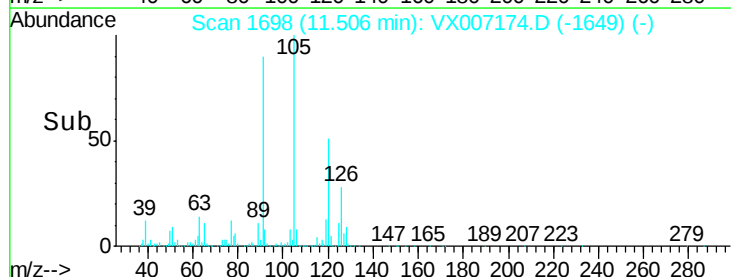


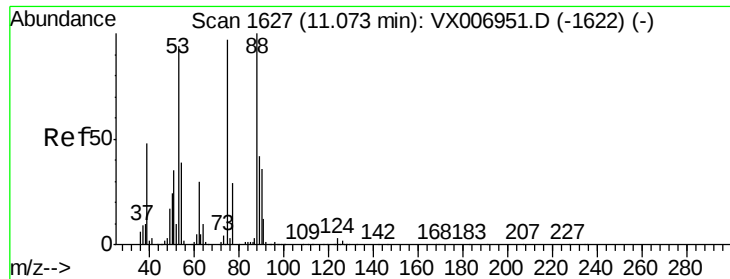
Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)

Abundance

Time-->





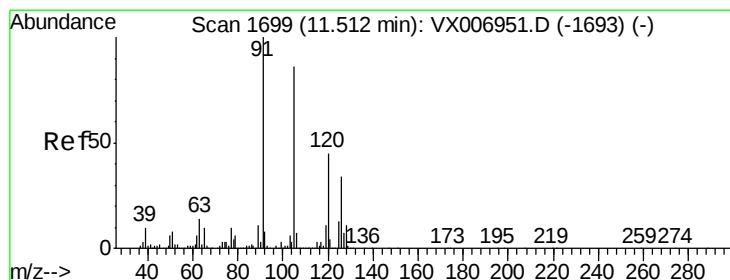
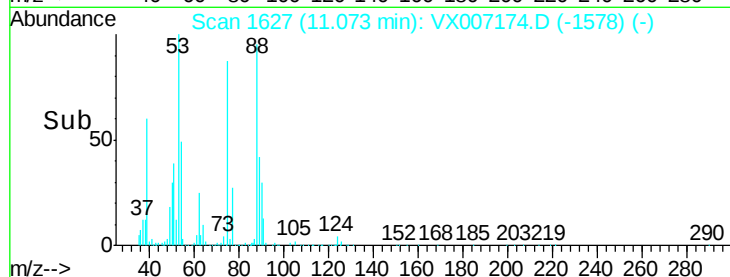
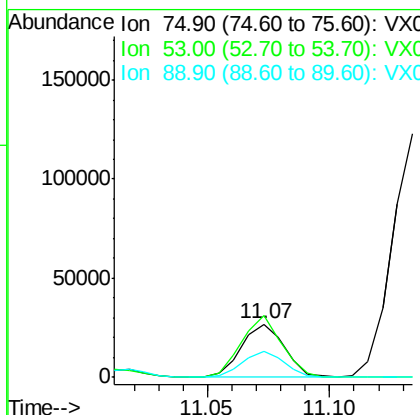
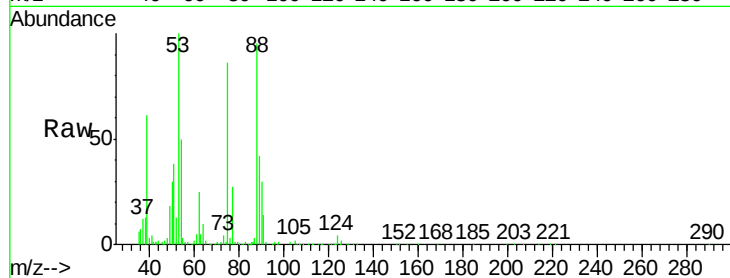
#81
trans-1,4-Dichloro-2-butene
Concen: 16.625 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	110.4	79.7	119.5
89	49.0	38.0	57.0

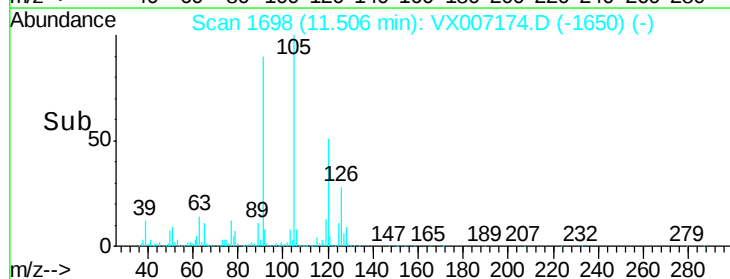
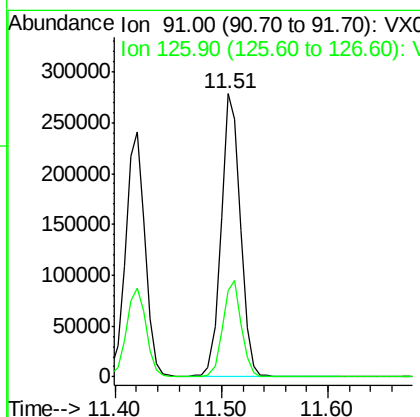
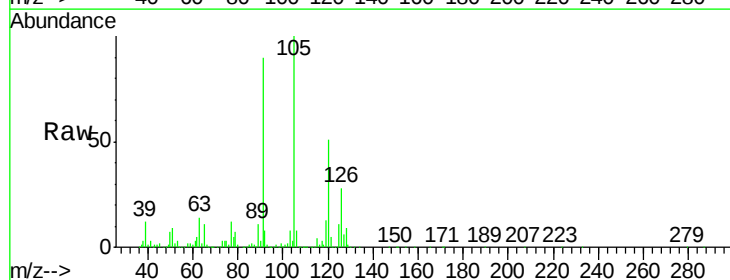
Manual Integrations
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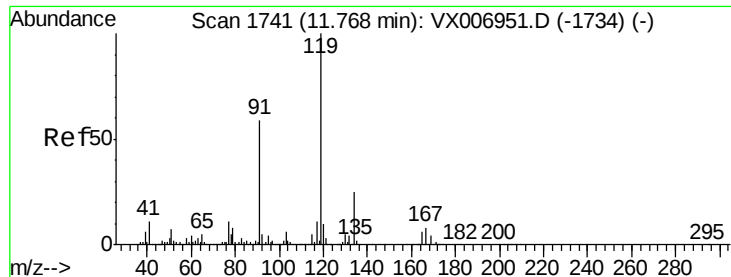
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#82
4-Chlorotoluene
Concen: 18.544 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.2	16.3	48.9





#83

tert-Butylbenzene

Concen: 18.263 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

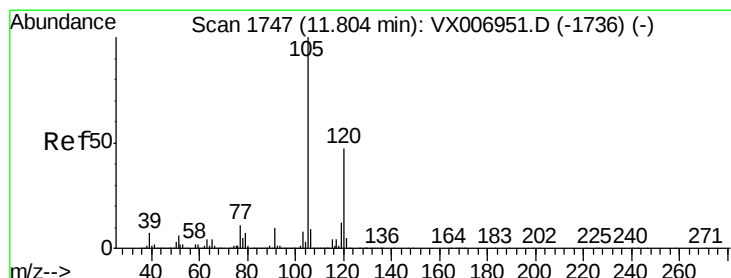
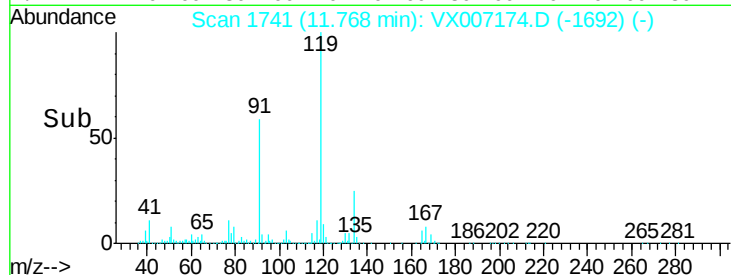
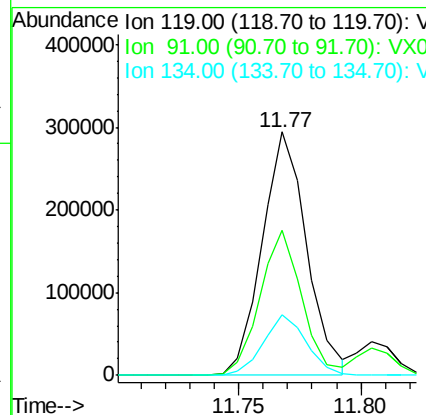
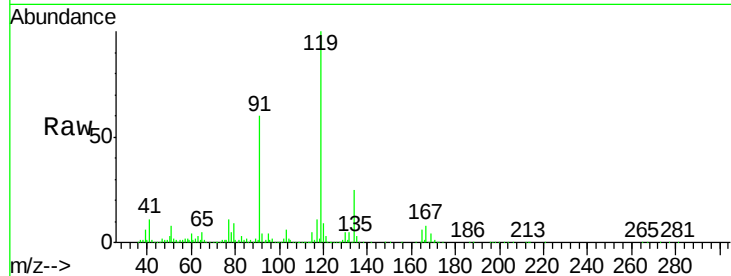
ClientSampleId :

VX0122WBS01

Tot Ion:	119	Resp:	374539
Ion Ratio	Lower	Upper	
119	100		
91	56.1	27.7	83.1
134	24.3	11.9	35.5

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#84

1,2,4-Trimethylbenzene

Concen: 18.606 ug/l

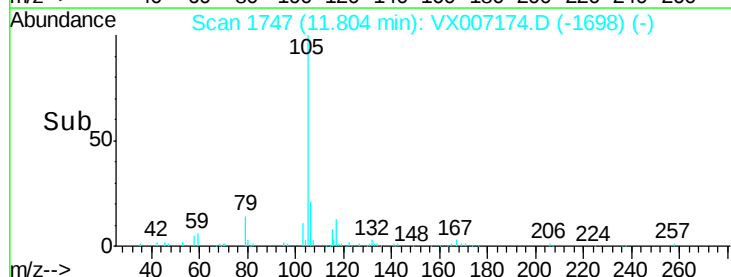
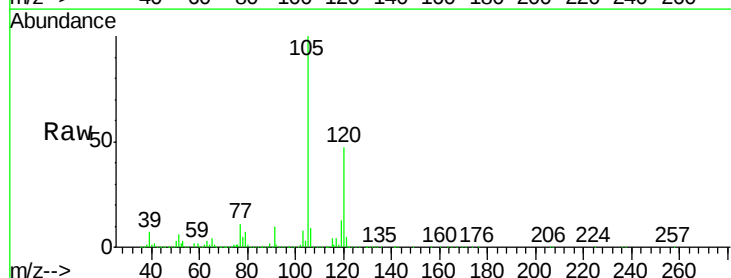
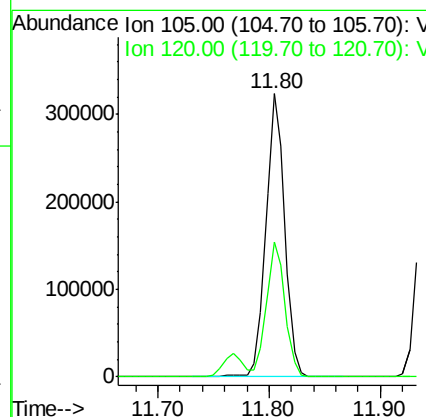
RT: 11.80 min Scan# 1747

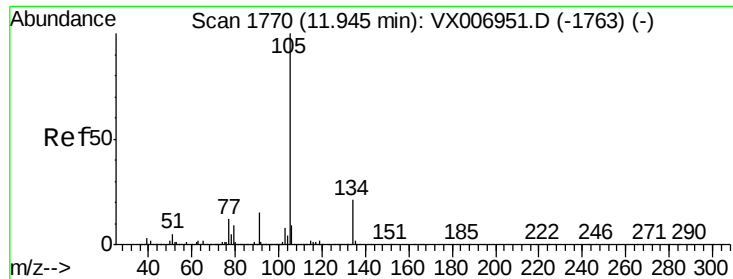
Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Tgt Ion:	105	Resp:	384577
Ion Ratio	Lower	Upper	
105	100		
120	46.5	23.2	69.6





#85

sec-Butylbenzene

Concen: 19.143 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

Instrument :

MSVOA_X

ClientSampleId :

VX0122WBS01

Tot Ion:105 Resp: 468847

Ion Ratio Lower Upper

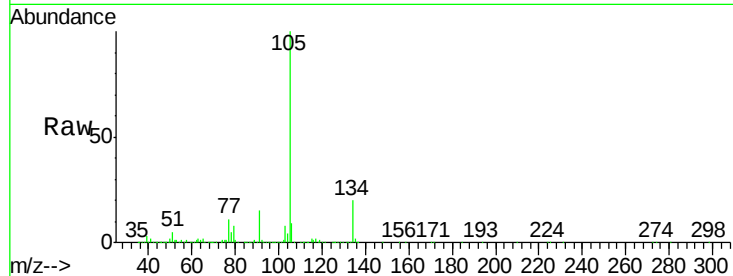
105 100

134 20.6 10.7 31.9

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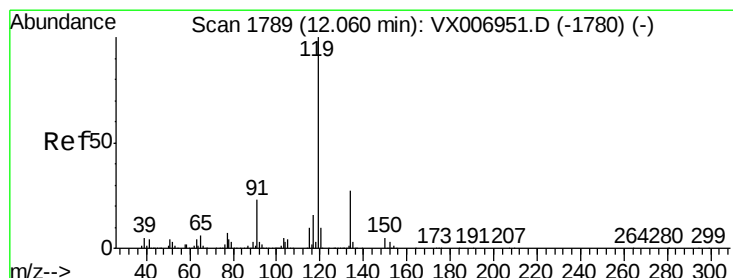
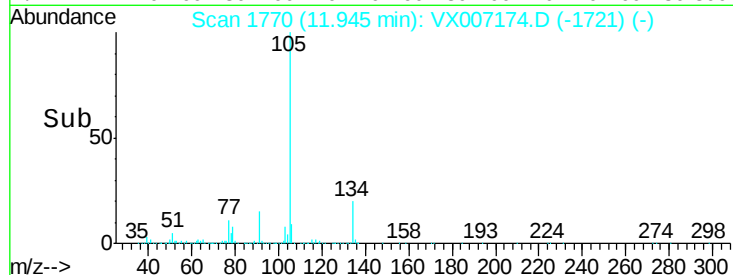
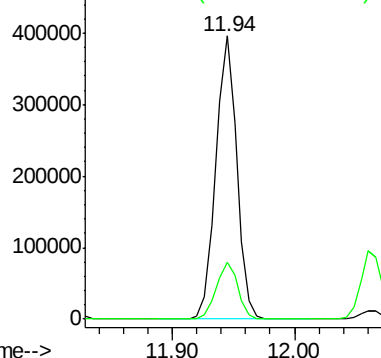
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.911 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007174.D

Acq: 22 Jan 2019 11:48

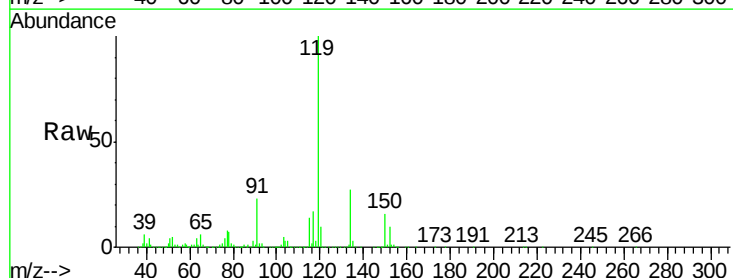
Tgt Ion:119 Resp: 414284

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

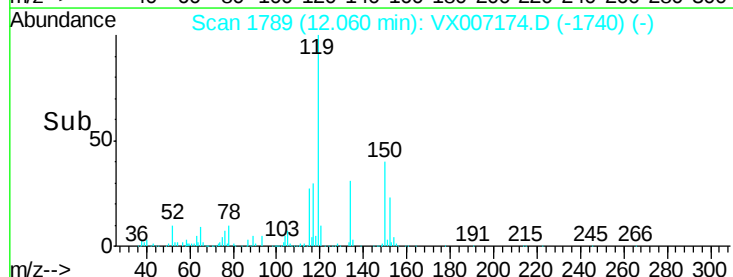
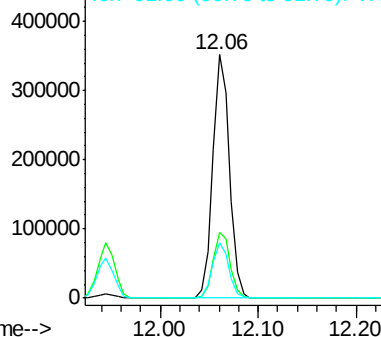
91 22.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





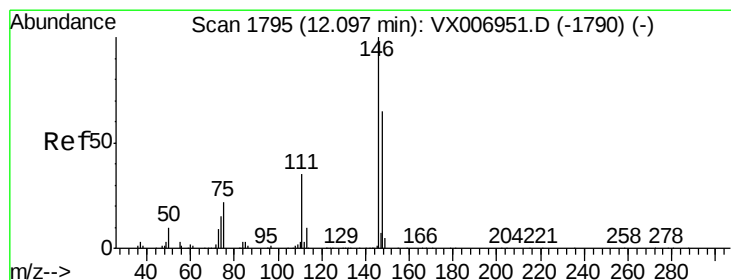
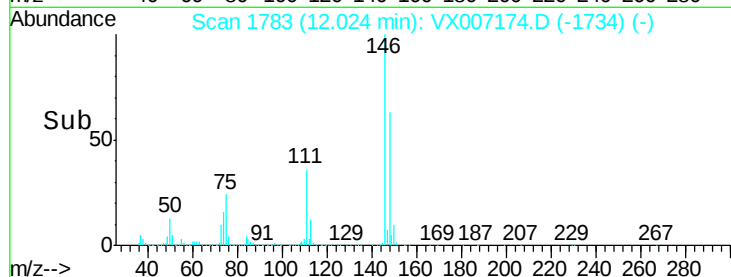
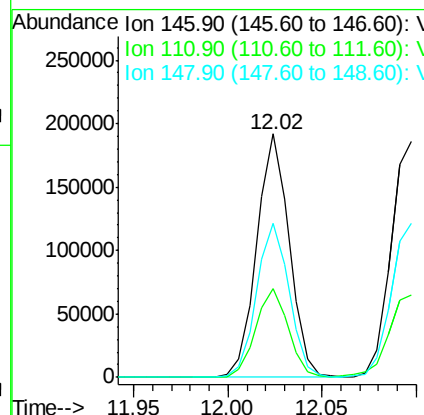
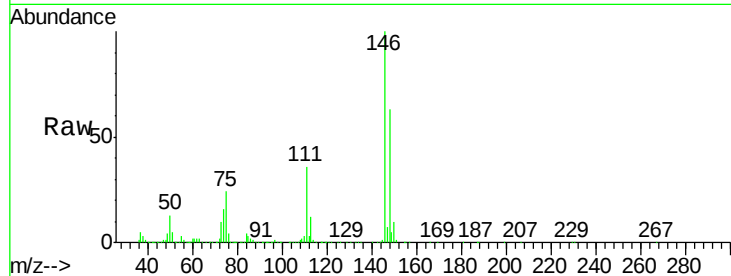
#87
 1,3-Dichlorobenzene
 Concen: 18.698 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.6	55.8
148	63.5	31.8	95.3

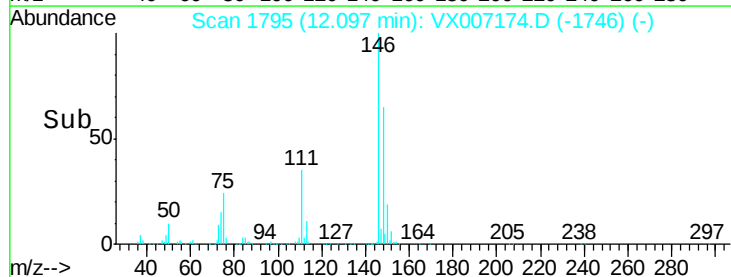
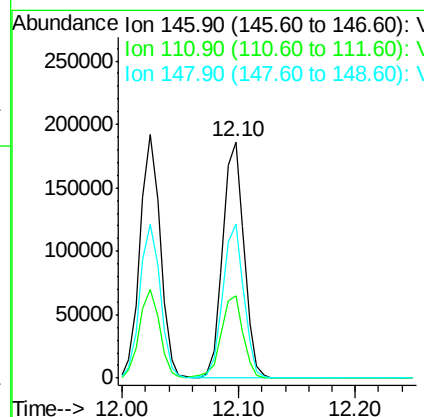
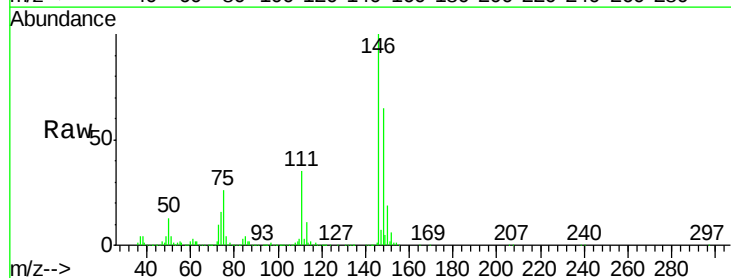
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#88
 1,4-Dichlorobenzene
 Concen: 20.227 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.1	54.1
148	64.5	31.9	95.9





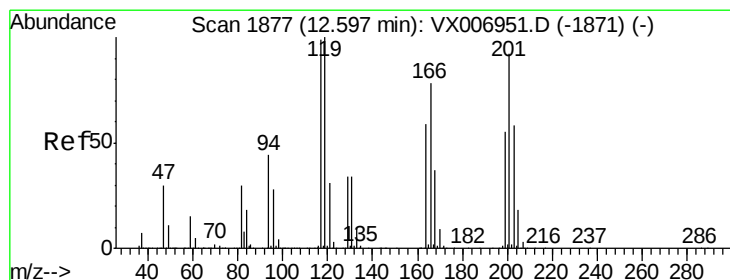
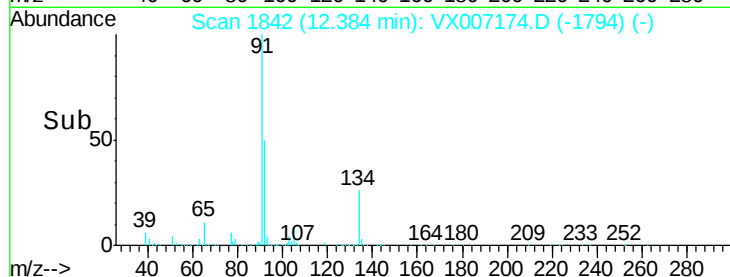
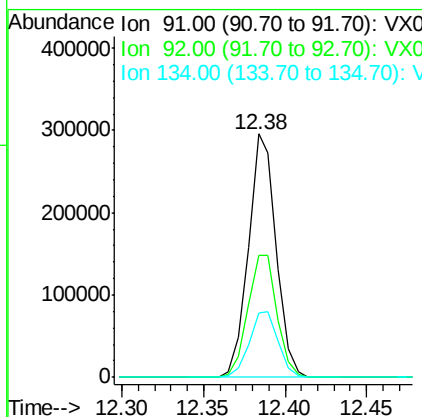
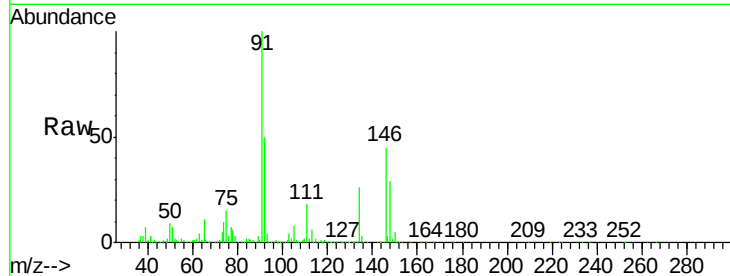
#89
n-Butylbenzene
Concen: 18.767 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.0	26.8	80.4	
134	28.2	14.4	43.2	

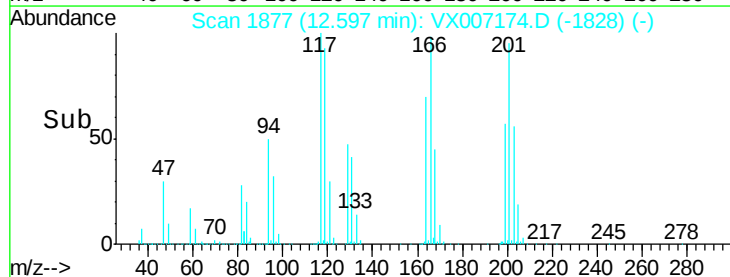
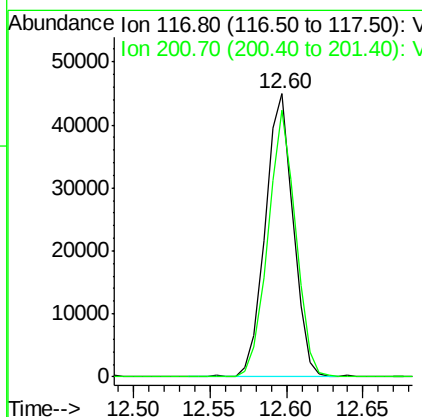
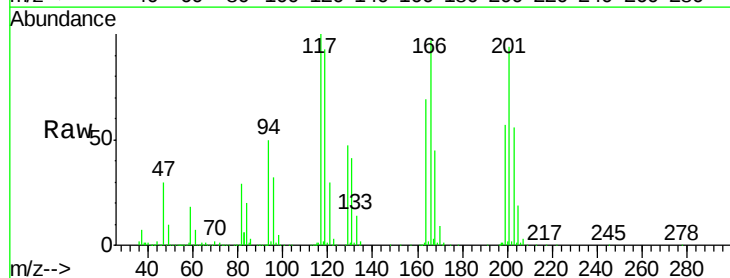
Manual Integrations
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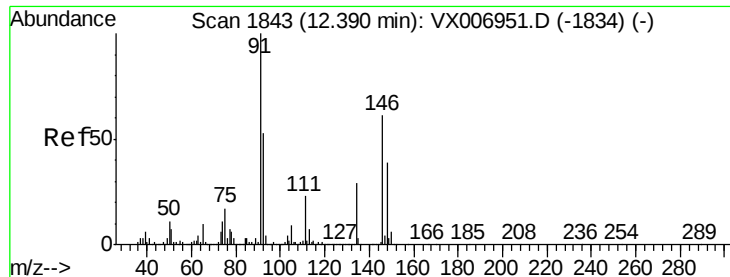
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#90
Hexachloroethane
Concen: 18.407 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	92.5	42.9	128.7	





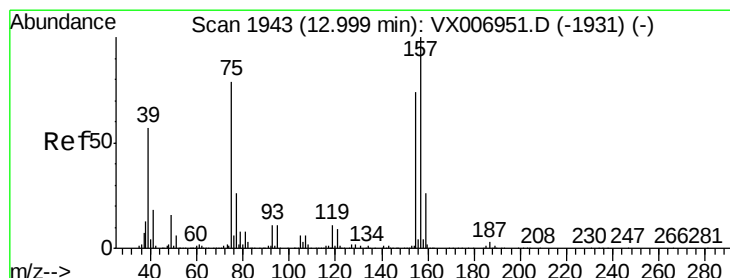
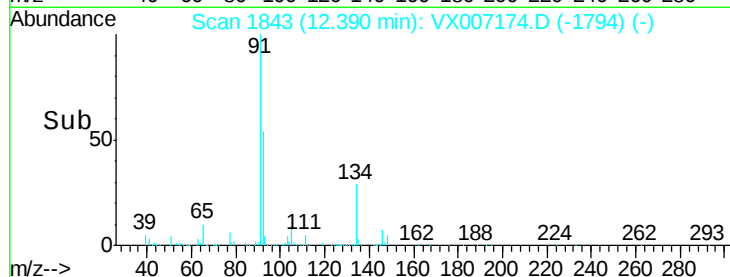
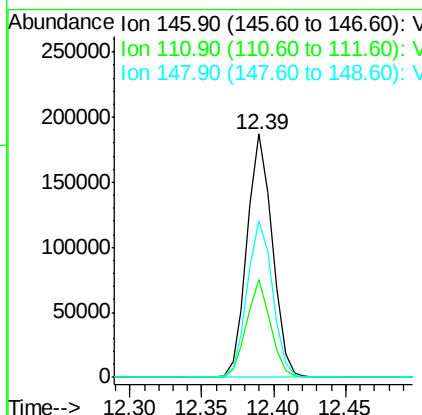
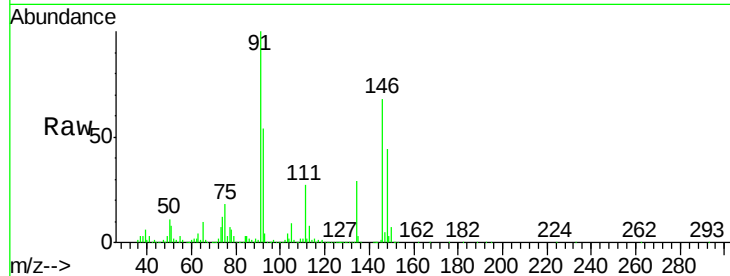
#91
1,2-Dichlorobenzene
Concen: 18.736 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	226518		
111	38.2	19.4	58.2	
148	64.5	32.3	96.9	

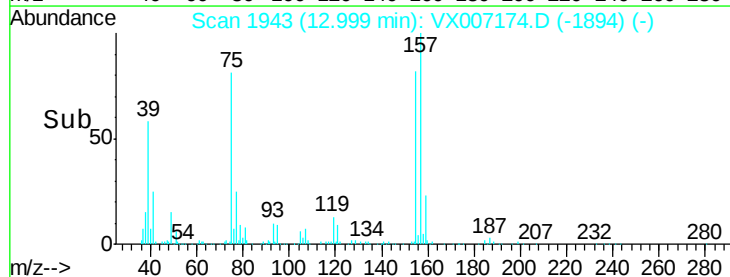
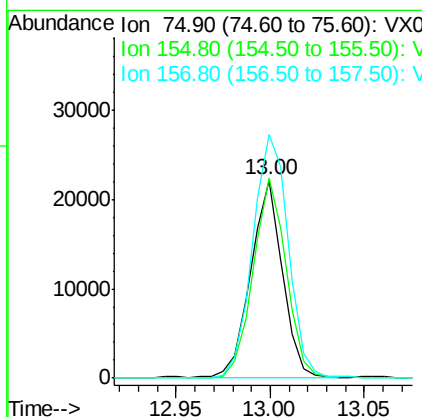
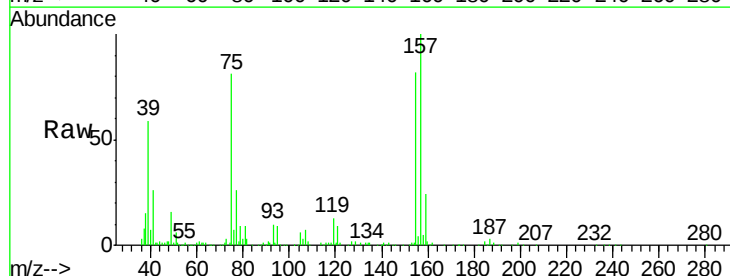
Manual Integrations
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#92
1,2-Dibromo-3-Chloropropane
Concen: 16.824 ug/l
RT: 13.00 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	25985		
155	104.9	50.6	151.8	
157	137.4	64.6	193.8	





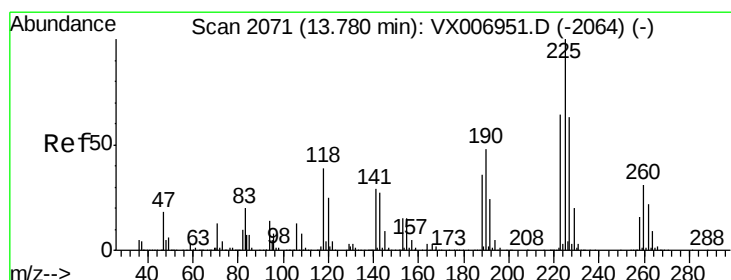
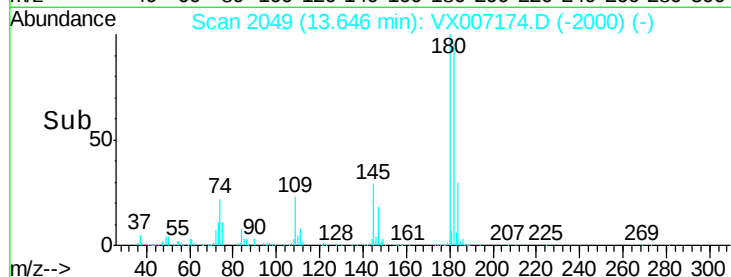
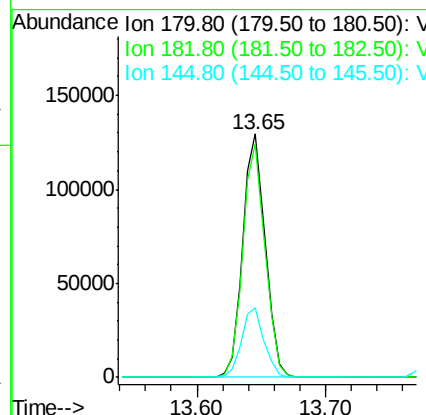
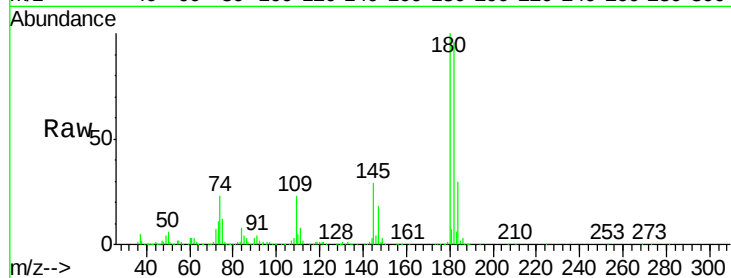
#93
 1,2,4-Trichlorobenzene
 Concen: 18.997 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	157573		
182	95.0	47.3	142.0	
145	28.7	14.8	44.3	

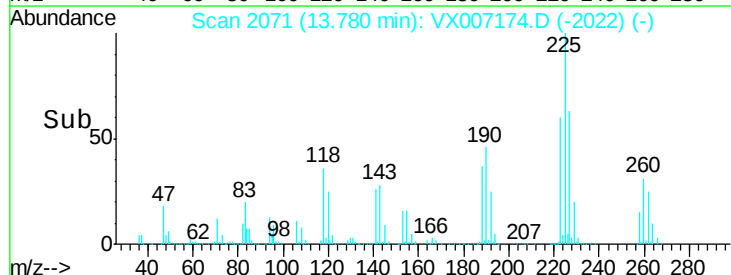
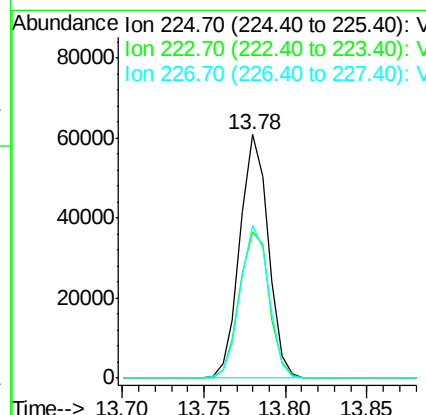
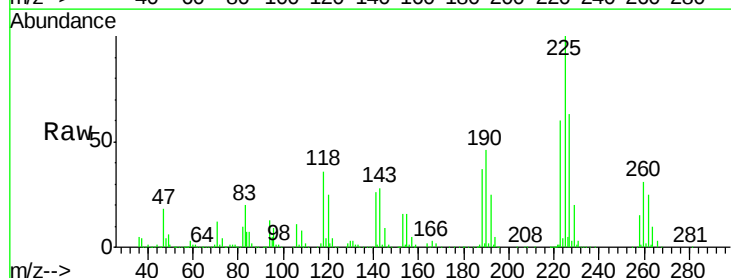
Manual Integrations
 APPROVED

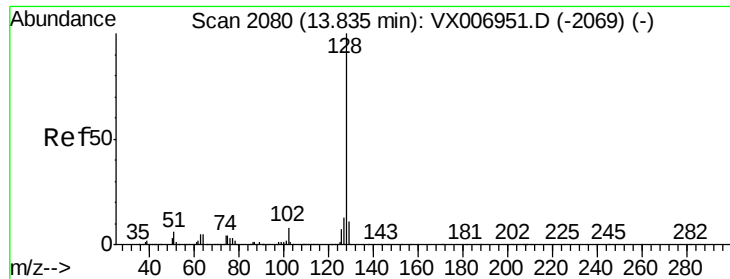
MMDadoda
 1/23/2019 11:29:28 AM



#94
 Hexachlorobutadiene
 Concen: 20.148 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74162		
223	63.2	32.1	96.3	
227	62.9	32.3	96.8	





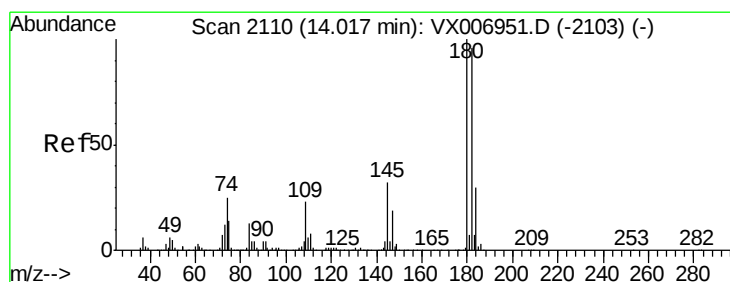
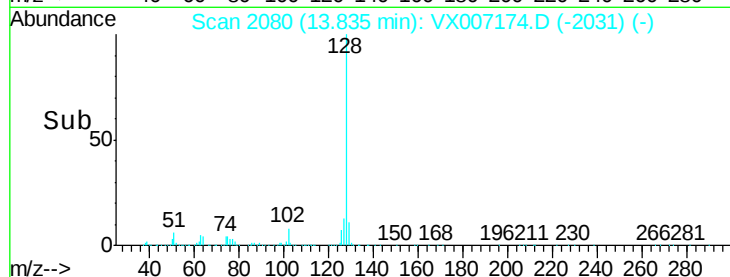
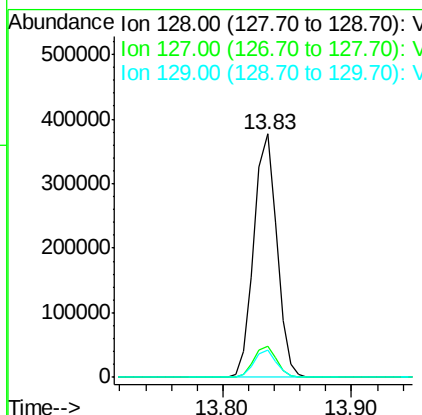
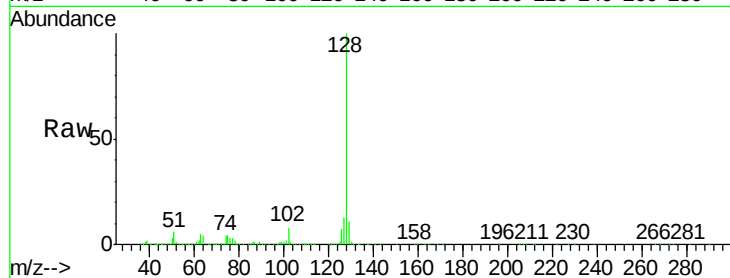
#95
Naphthalene
Concen: 18.314 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0122WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/23/2019 11:29:28 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.998 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.5	145.5
145	30.7	16.0	47.9

