

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

Quant Time: Jan 23 00:02:05 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	R.T.	QIon	Response	Conc	Units	Dev(Min)
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	R.T.	QIon	Response	Conc	Units	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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 VX0122WBS01

Quant Time: Jan 23 00:02:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 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	148929	21.067	ug/l	94
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

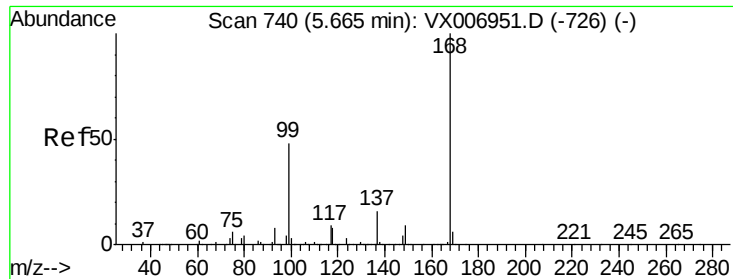
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012219\
Data File : VX007174.D
Acq On : 22 Jan 2019 11:48
Operator : JC/SP
Sample : VX0122WBS01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jan 23 00:02:05 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)
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

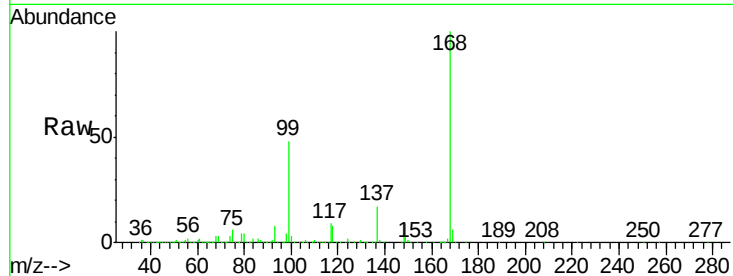


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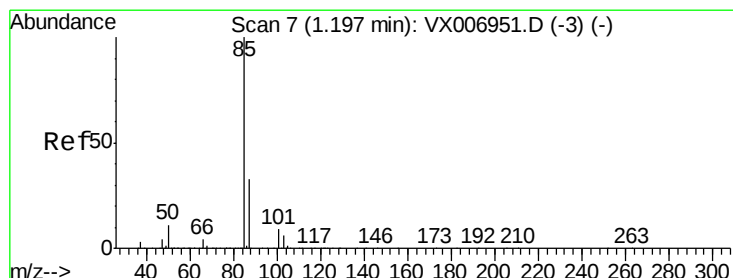
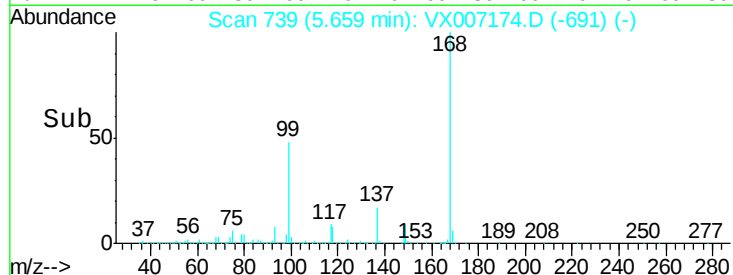
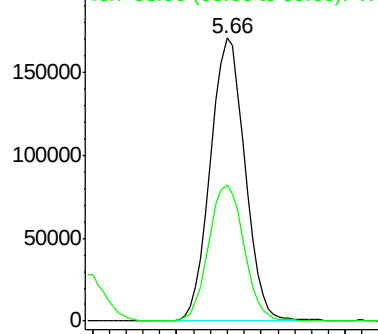
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

Instrument :
 MSVOA_X
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 VX0122WBS01

Tot Ion:168 Resp: 476209
 Ion Ratio Lower Upper
 168 100
 99 48.0 41.8 62.8



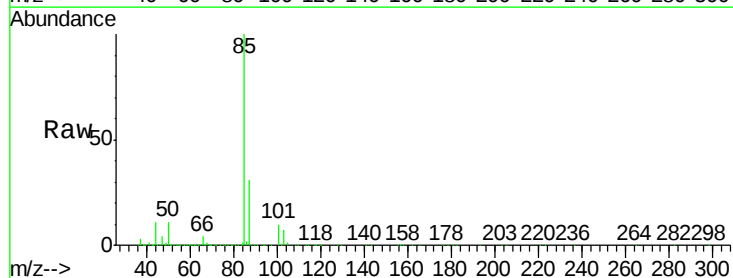
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



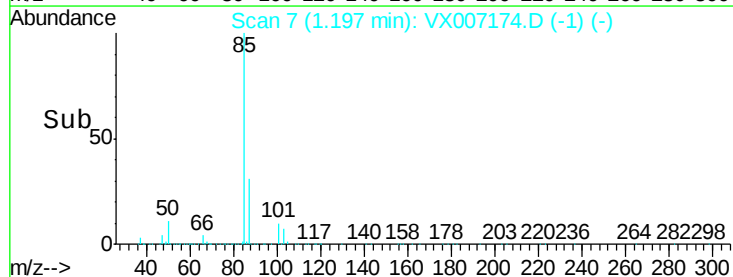
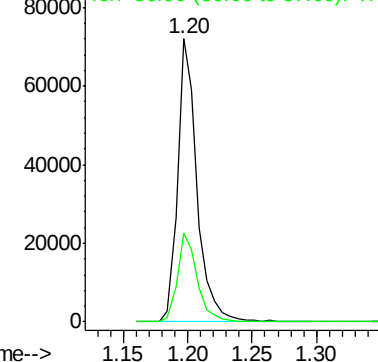
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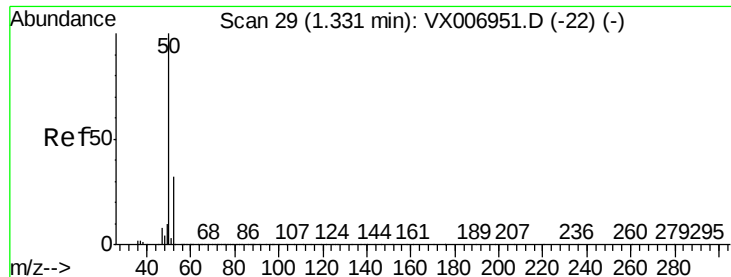
Dichlorodifluoromethane
 Concen: 19.362 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

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

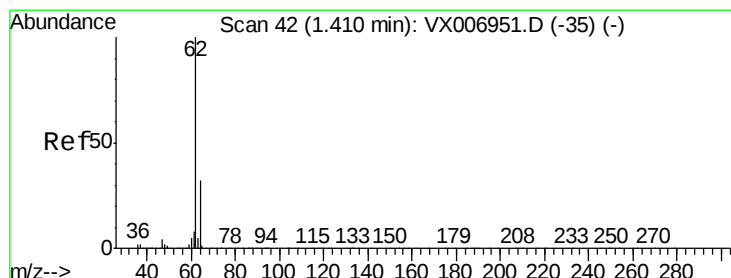
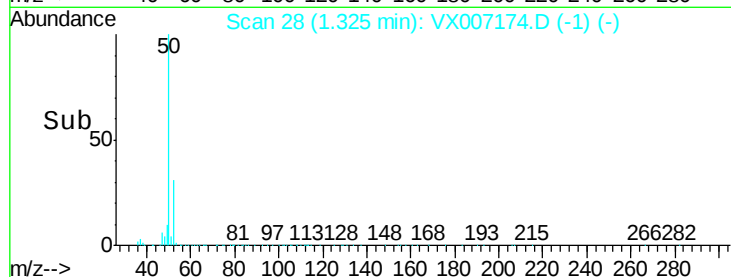
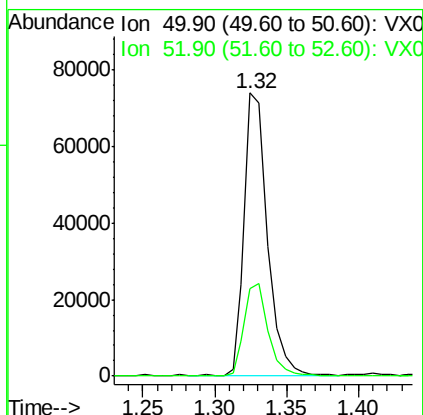
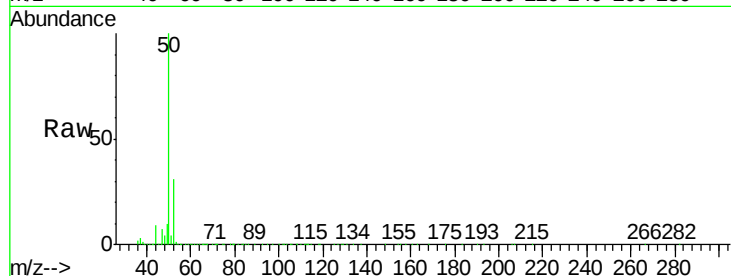




#3
Chloromethane
Concen: 18.371 ug/l
RT: 1.32 min Scan# 28
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

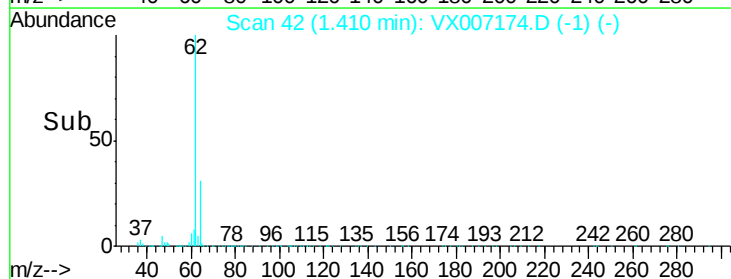
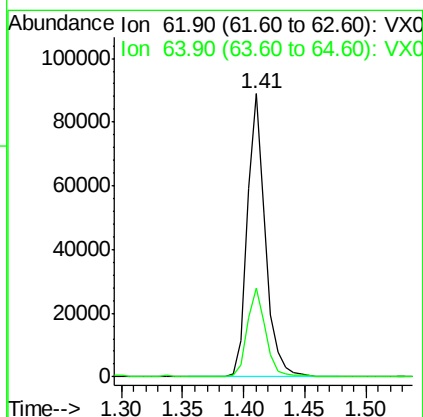
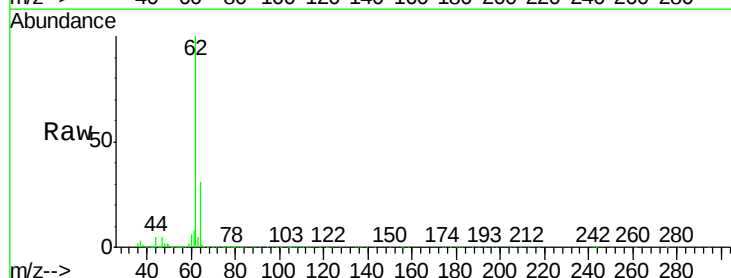
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

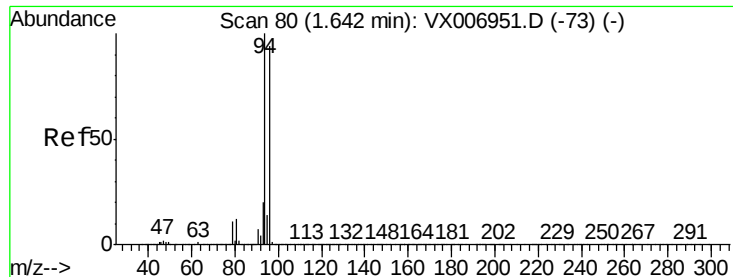
Tot Ion: 50 Resp: 83632
Ion Ratio Lower Upper
50 100
52 30.8 25.4 38.2



#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 :

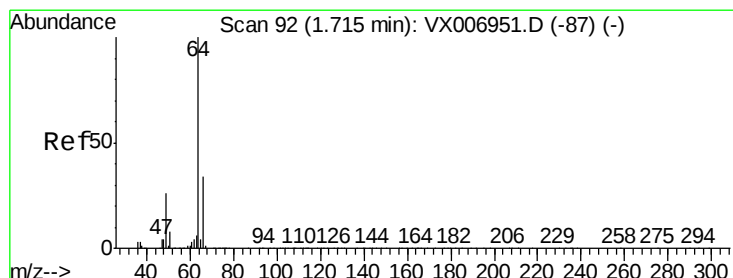
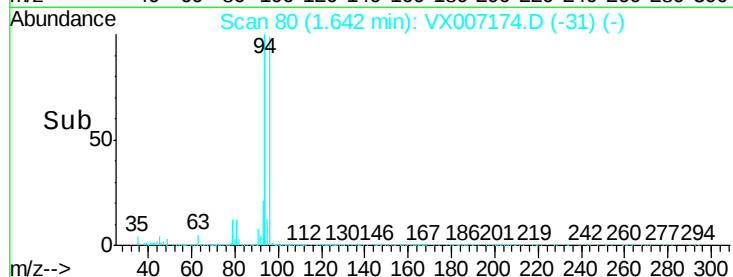
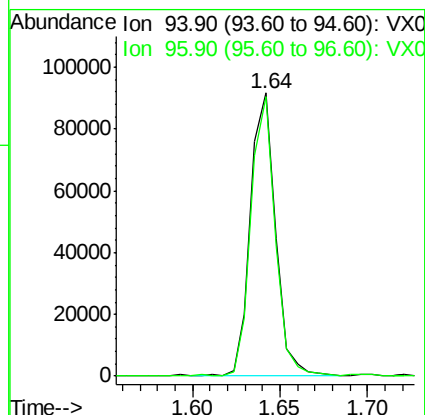
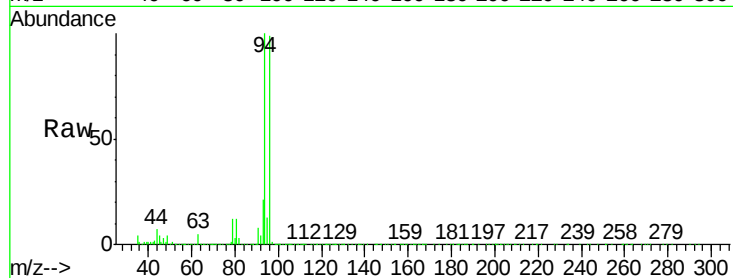
VX0122WBS01

Tot Ion: 94 Resp: 90830

Ion Ratio Lower Upper

94 100

96 98.6 73.4 110.2



#6

Chloroethane

Concen: 17.165 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007174.D

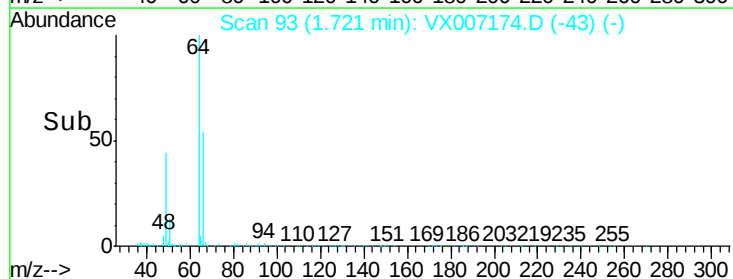
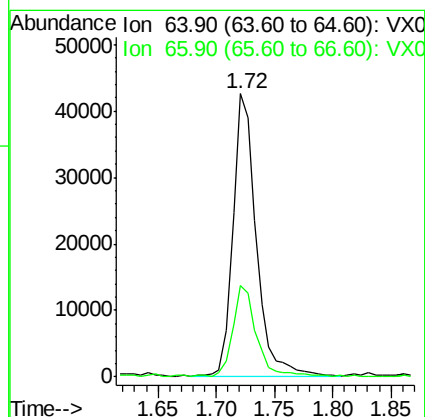
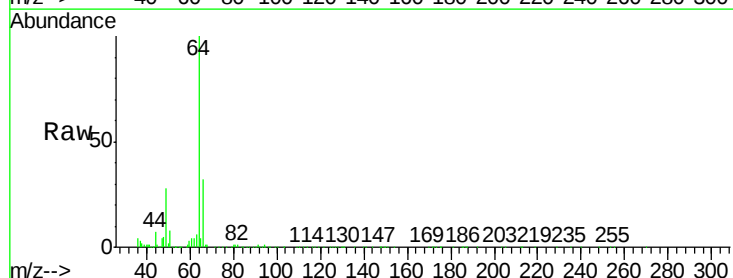
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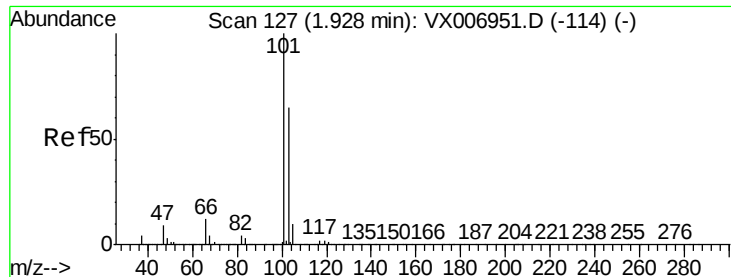
Tgt Ion: 64 Resp: 58693

Ion Ratio Lower Upper

64 100

66 32.2 26.4 39.6



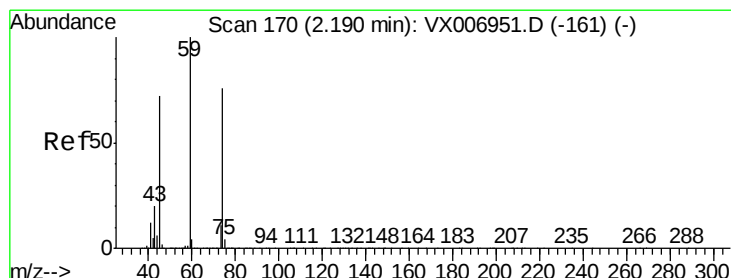
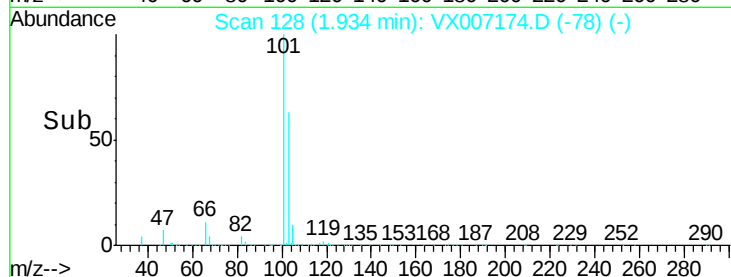
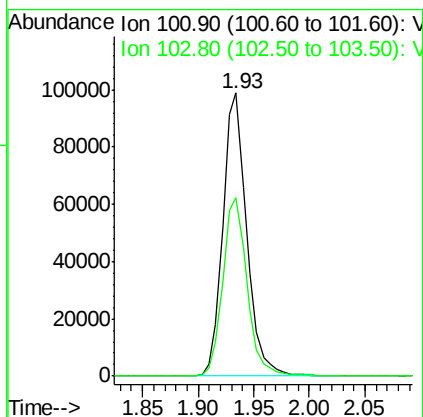
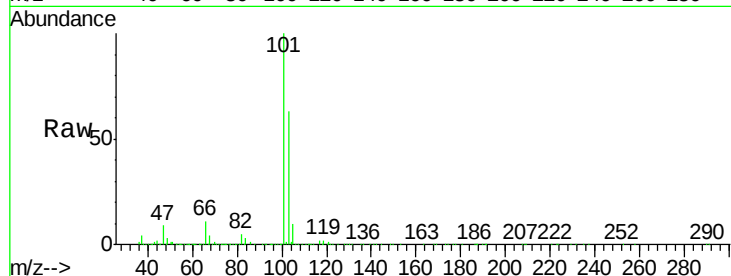


#7

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 :
MSVOA_X
ClientSampleId :
VX0122WBS01

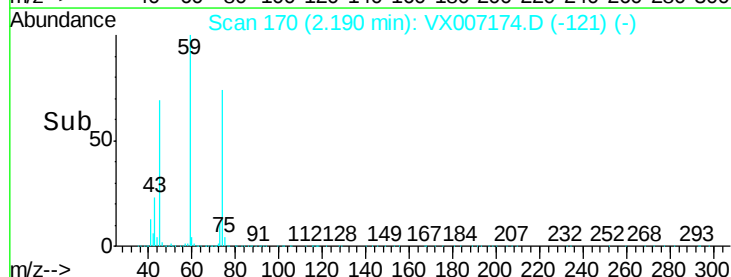
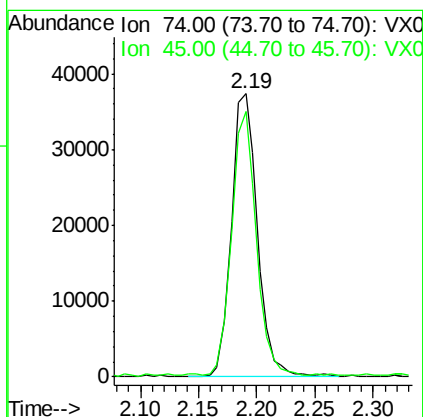
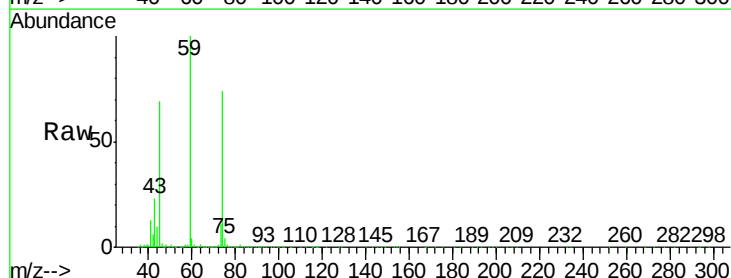
Tot Ion:101 Resp: 146296
Ion Ratio Lower Upper
101 100
103 63.0 53.2 79.8

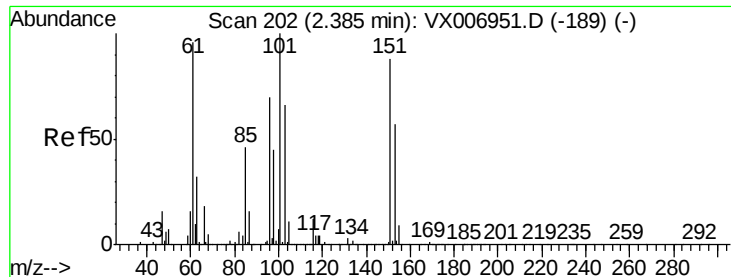


#8

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: 74 Resp: 58374
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

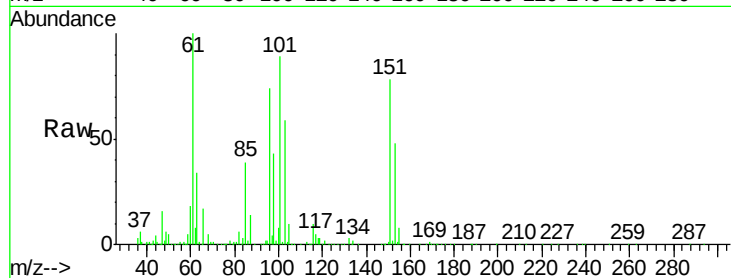
Tot Ion:101 Resp: 89758

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

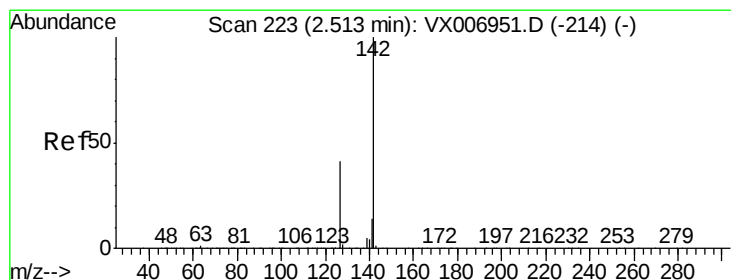
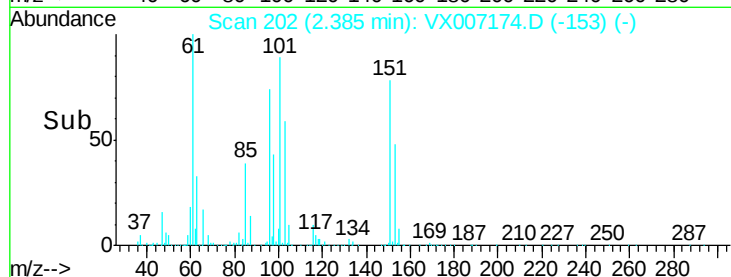
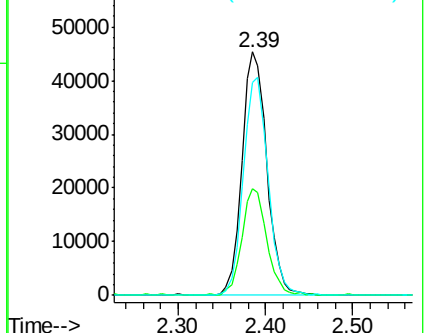
151 88.9 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#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

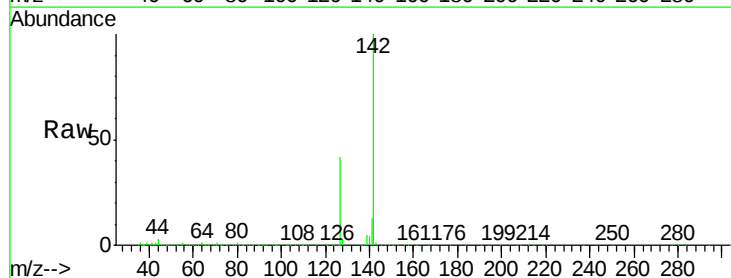
Tgt Ion:142 Resp: 121168

Ion Ratio Lower Upper

142 100

127 42.5 33.9 50.9

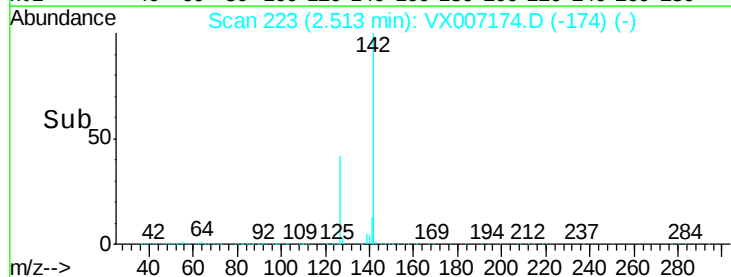
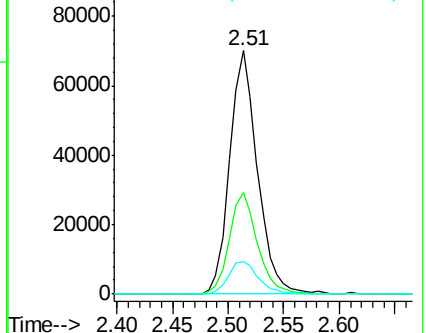
141 14.5 11.4 17.0

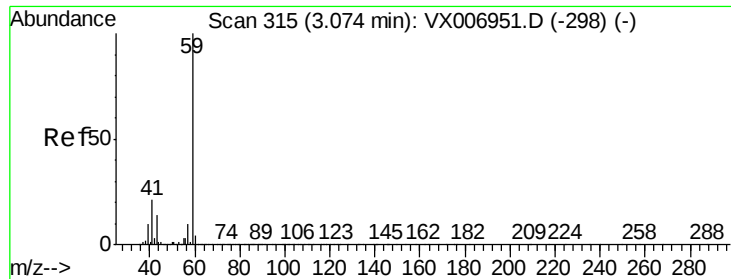


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



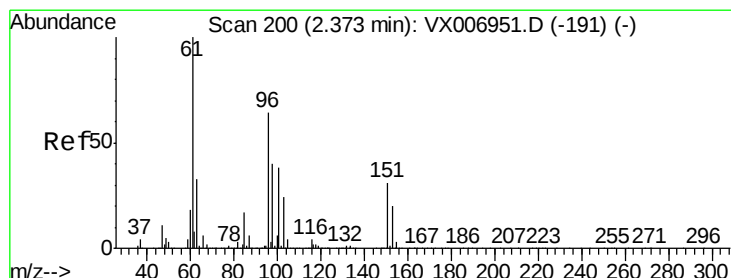
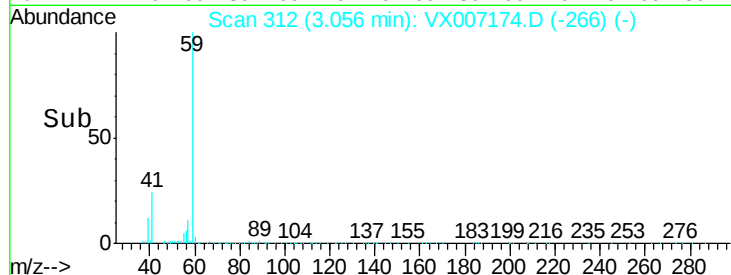
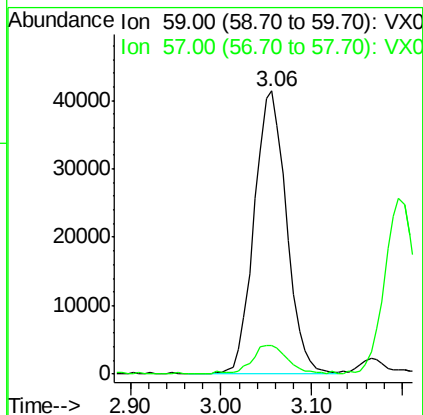
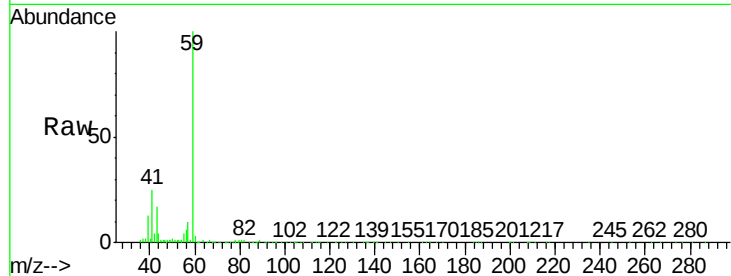


#11

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

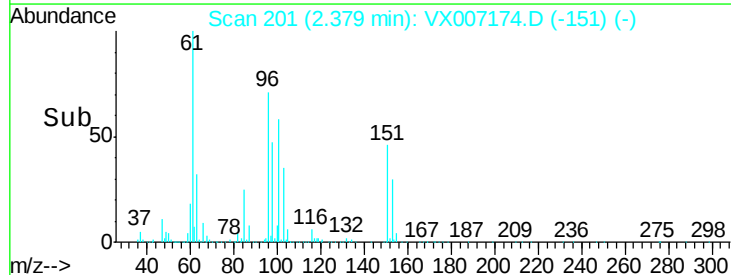
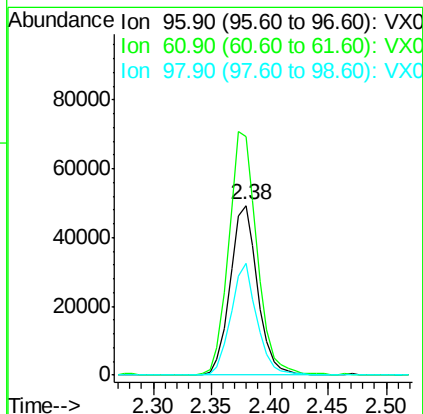
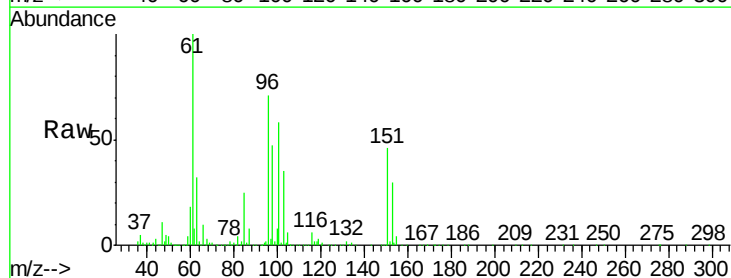
Tot Ion: 59 Resp: 102371
Ion Ratio Lower Upper
59 100
57 10.2 8.5 12.7

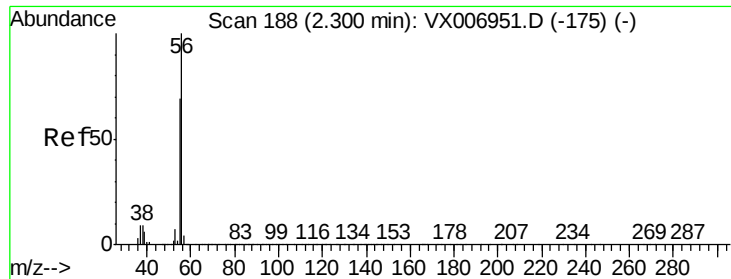


#12

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

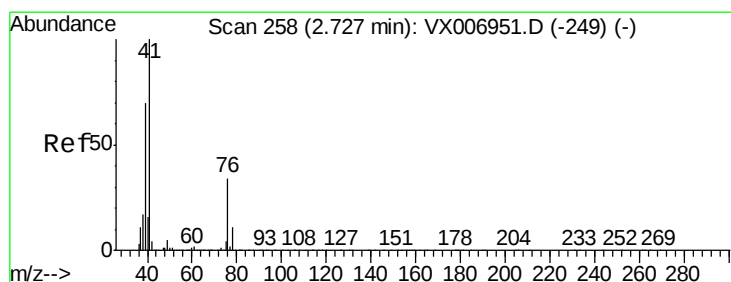
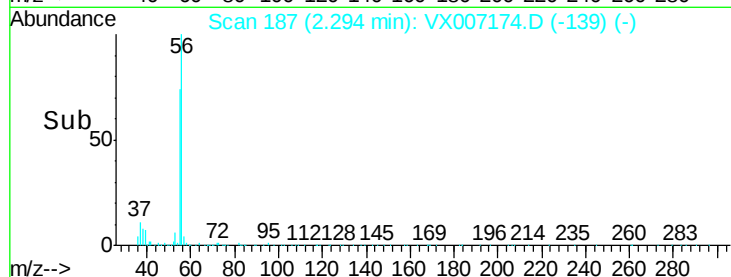
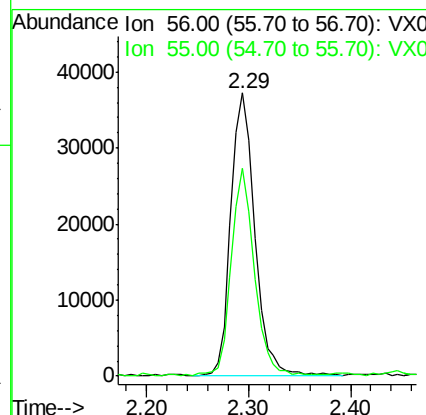
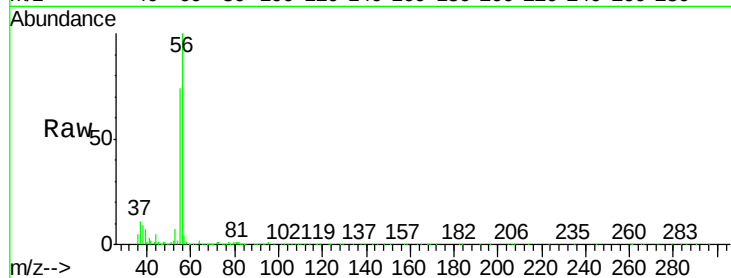




#13
Acrolein
Concen: 120.752 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

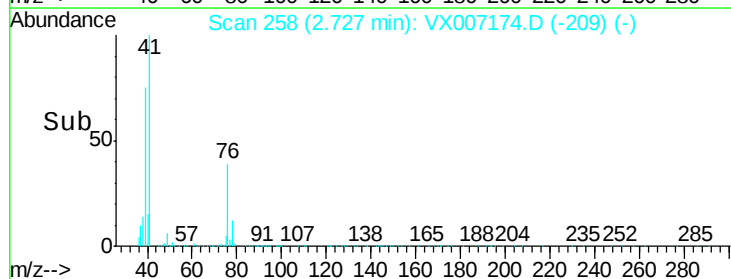
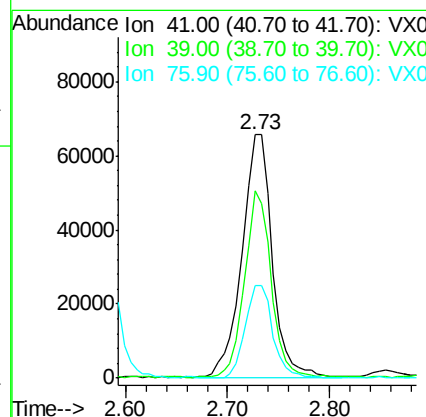
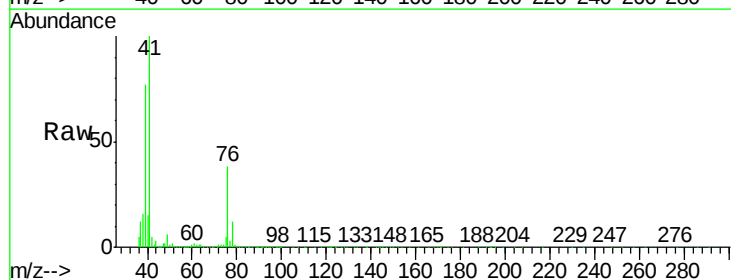
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

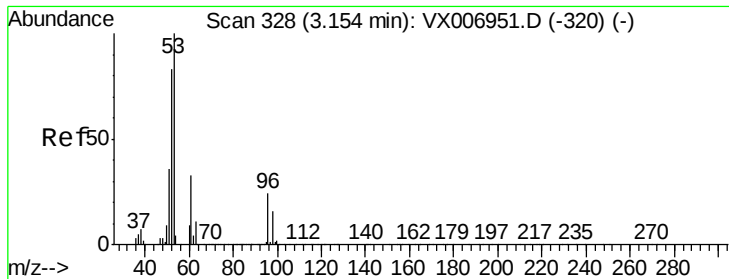
Tot Ion: 56 Resp: 60322
Ion Ratio Lower Upper
56 100
55 70.3 58.2 87.4



#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

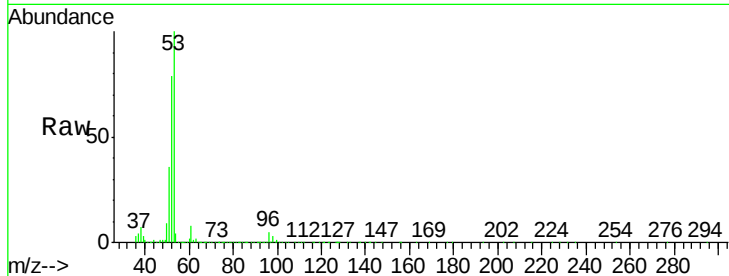
Tot Ion: 53 Resp: 242882

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

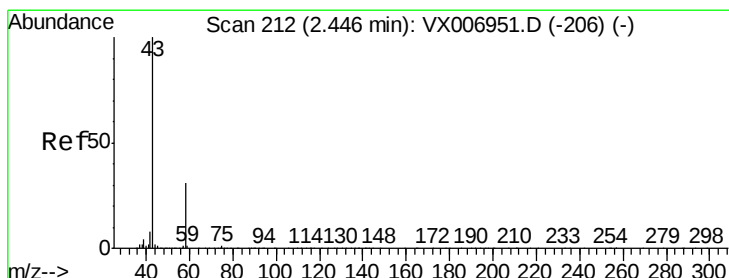
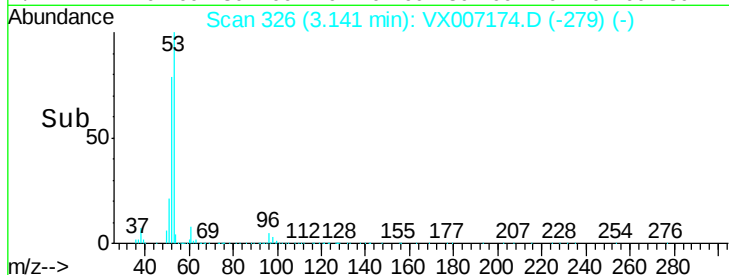
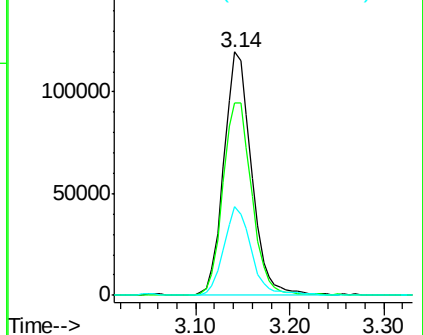
51 36.4 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.067 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007174.D

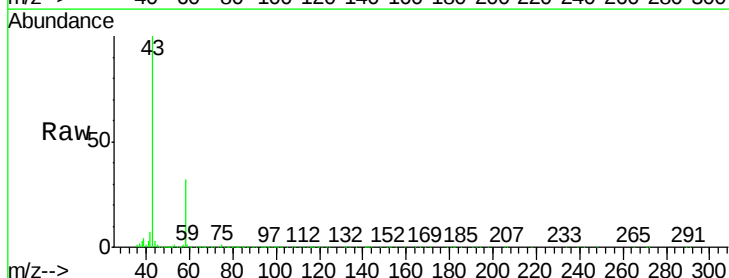
Acq: 22 Jan 2019 11:48

Tgt Ion: 43 Resp: 236359

Ion Ratio Lower Upper

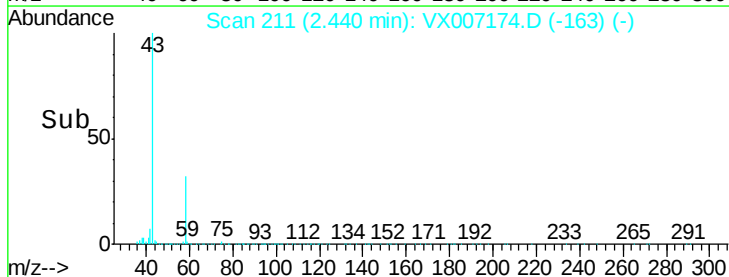
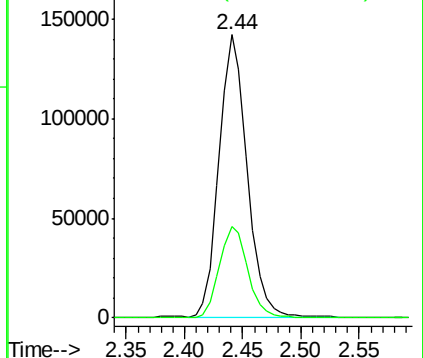
43 100

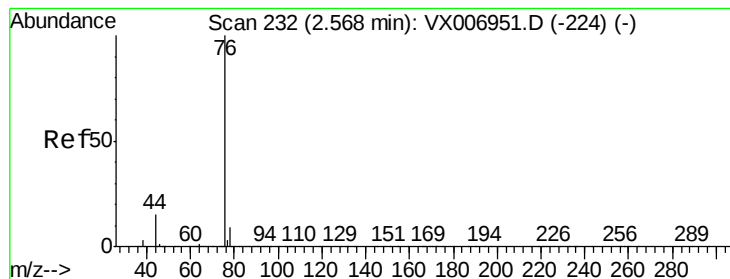
58 32.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#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 :

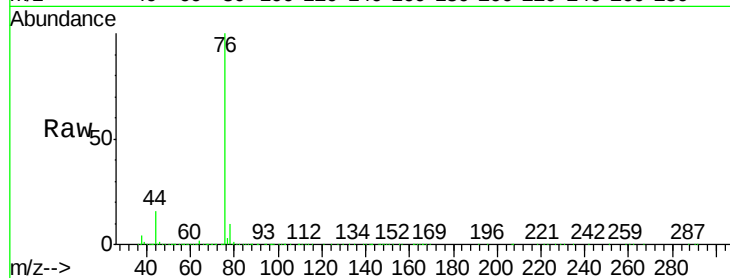
VX0122WBS01

Tot Ion: 76 Resp: 171463

Ion Ratio Lower Upper

76 100

78 9.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

60000

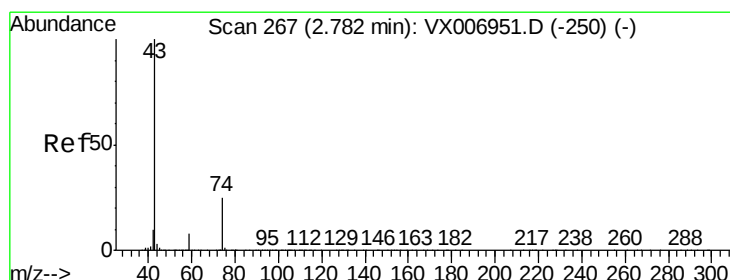
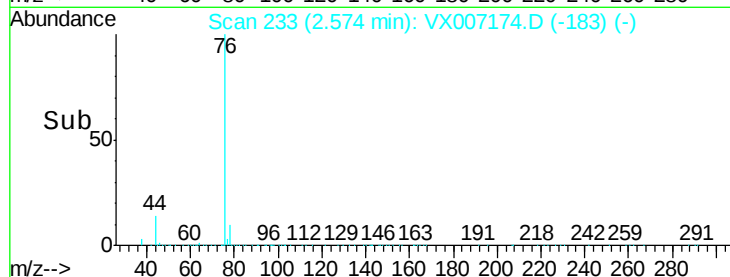
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 18.448 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007174.D

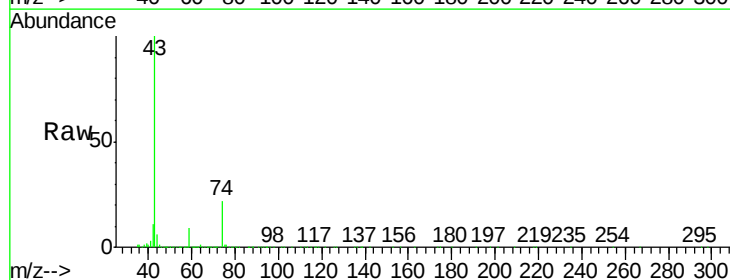
Acq: 22 Jan 2019 11:48

Tgt Ion: 43 Resp: 131444

Ion Ratio Lower Upper

43 100

74 24.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

80000

60000

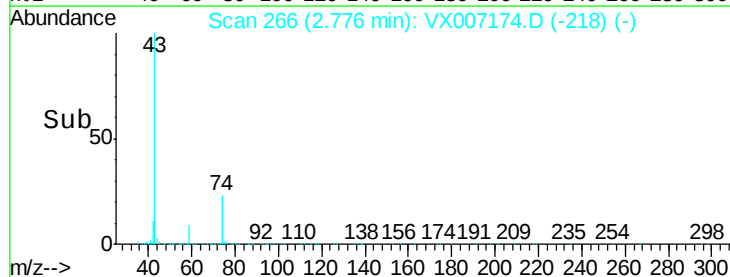
40000

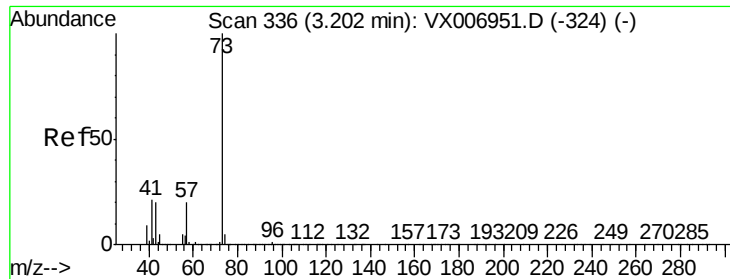
20000

0

Time-->

2.70 2.80 2.90



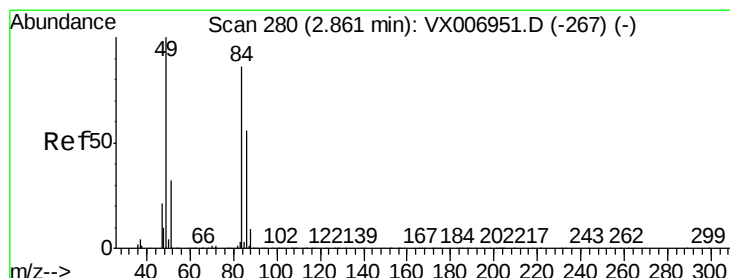
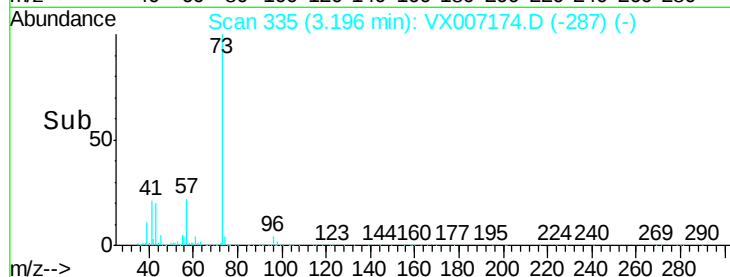
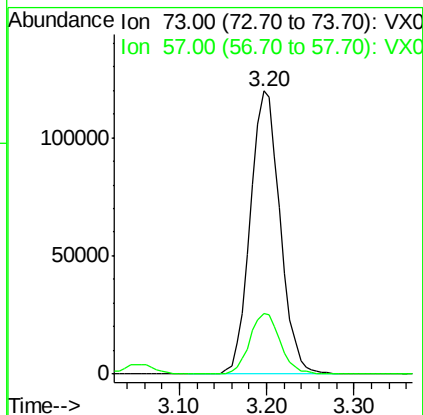
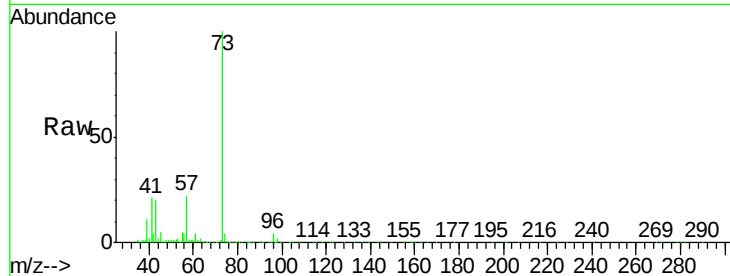


#19

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
 ClientSampleId :
 VX0122WBS01

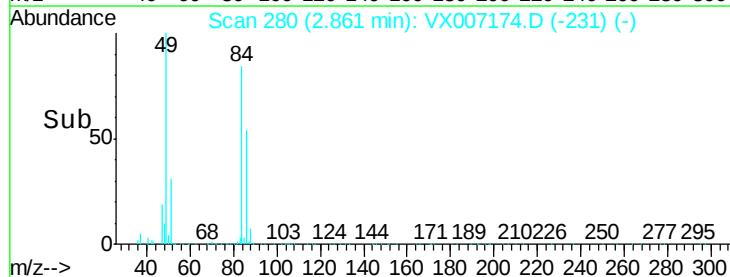
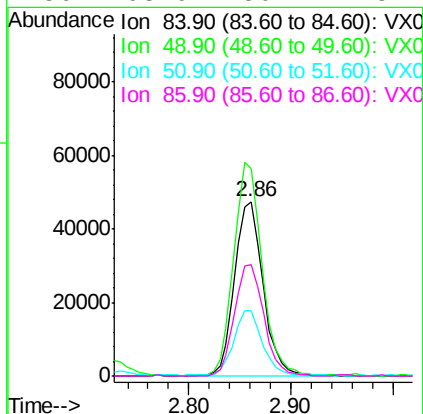
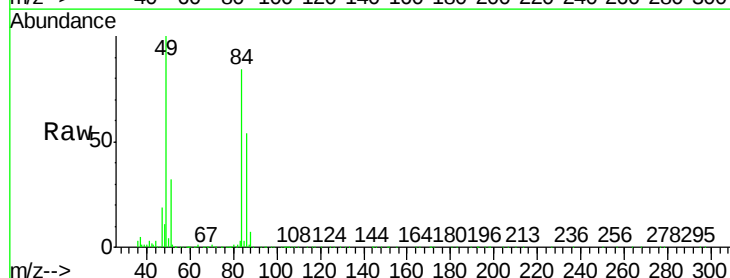
Tot Ion: 73 Resp: 282171
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2

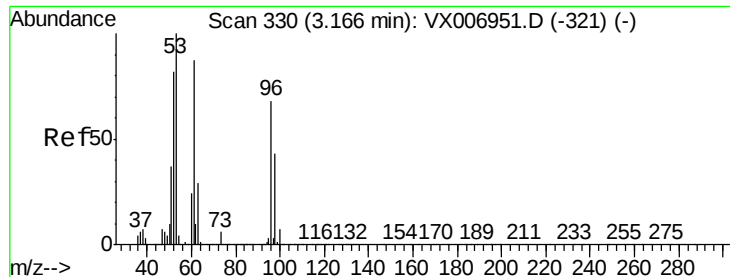


#20

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: 84 Resp: 91497
 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

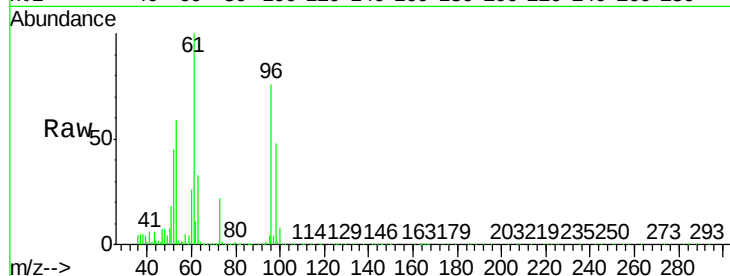
Tot Ion: 96 Resp: 87450

Ion Ratio Lower Upper

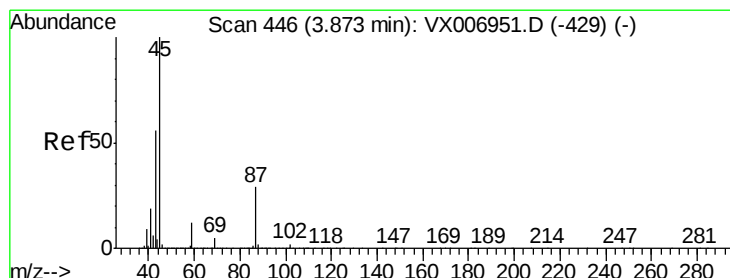
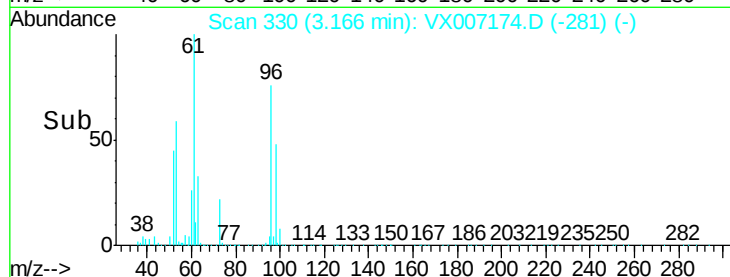
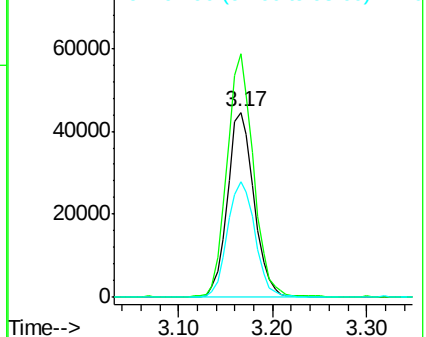
96 100

61 131.1 103.7 155.5

98 62.5 51.0 76.6



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



#22

Diisopropyl ether

Concen: 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

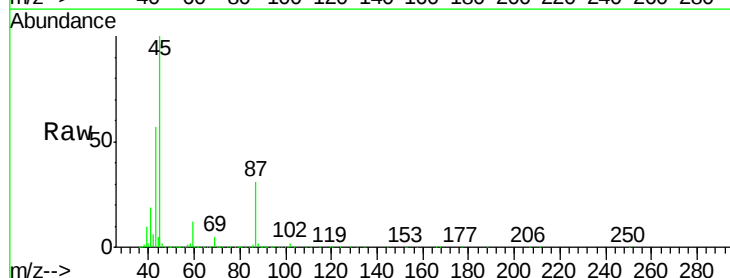
Ion Ratio Lower Upper

45 100

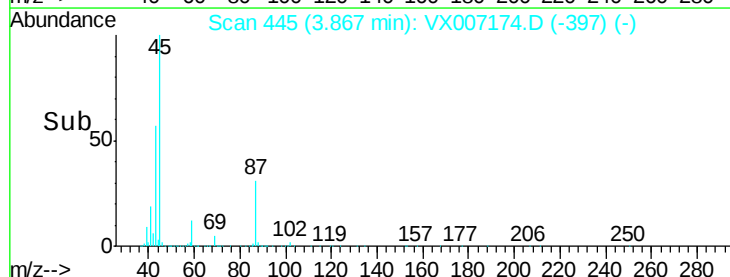
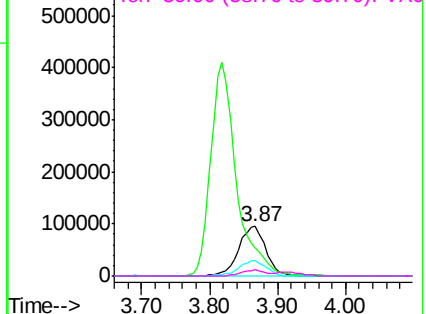
43 56.1 51.2 76.8

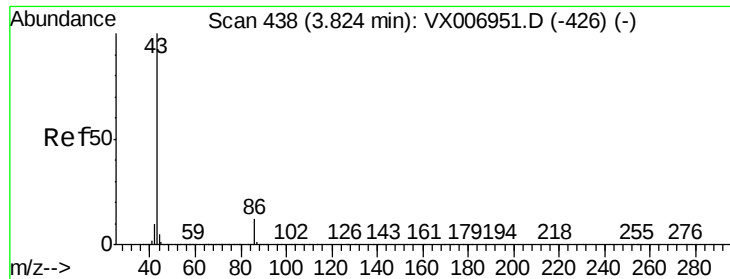
87 30.7 25.8 38.6

59 11.6 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 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 :

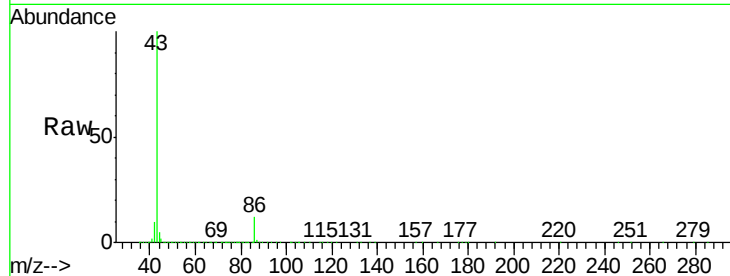
VX0122WBS01

Tot Ion: 43 Resp: 1078964

Ion Ratio Lower Upper

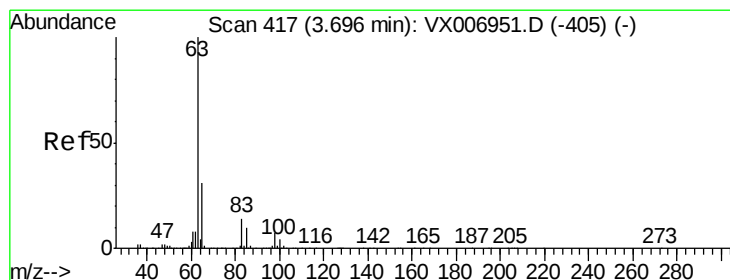
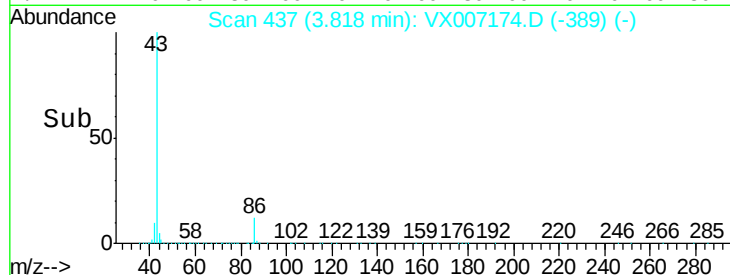
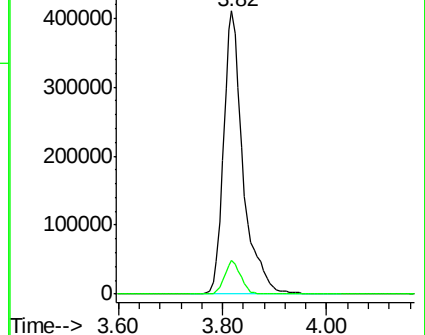
43 100

86 11.9 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#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

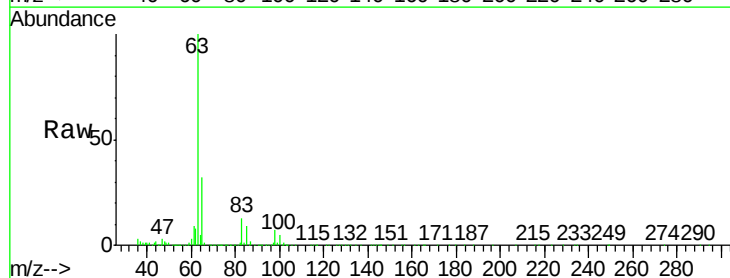
Tgt Ion: 63 Resp: 157140

Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

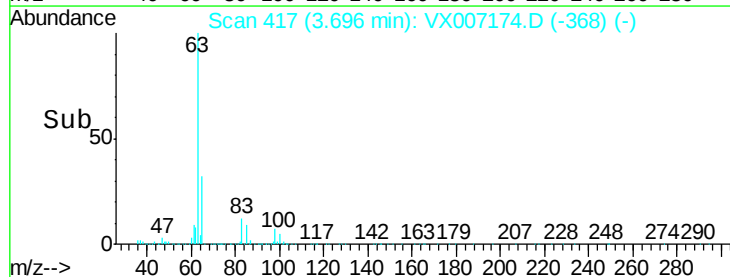
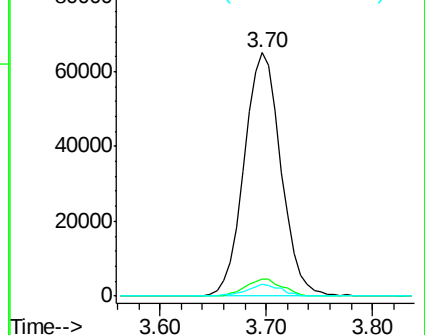
100 4.5 2.4 7.2

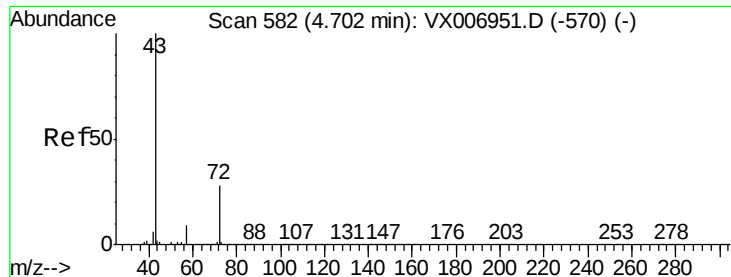


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 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 :

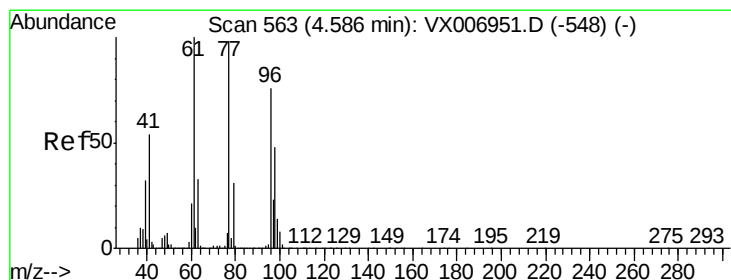
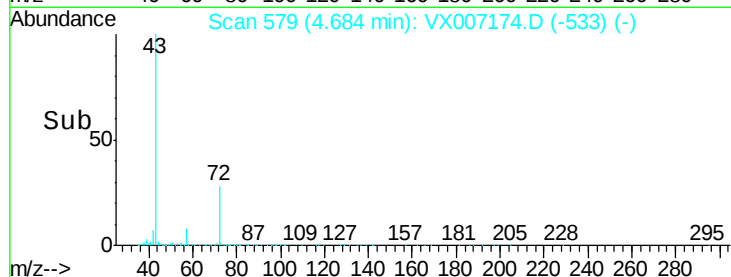
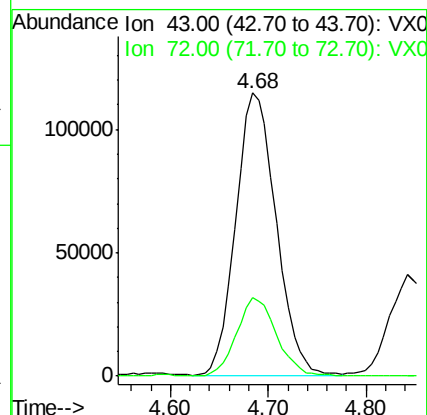
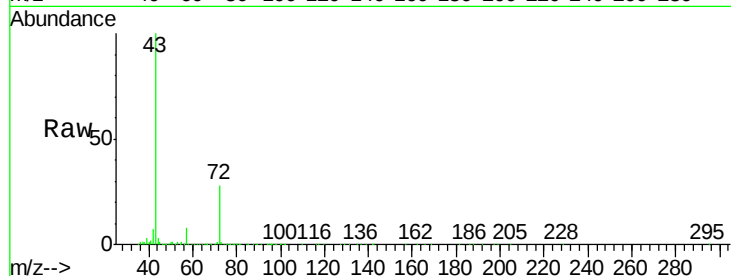
VX0122WBS01

Tot Ion: 43 Resp: 328672

Ion Ratio Lower Upper

43 100

72 27.7 22.4 33.6



#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

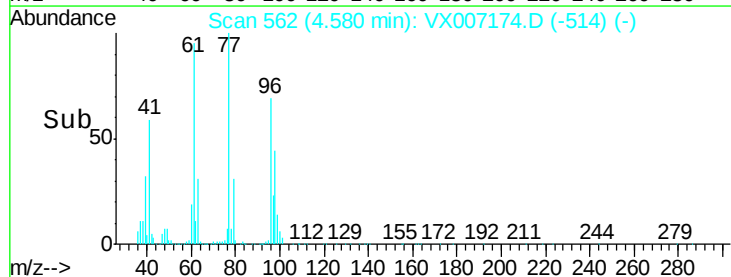
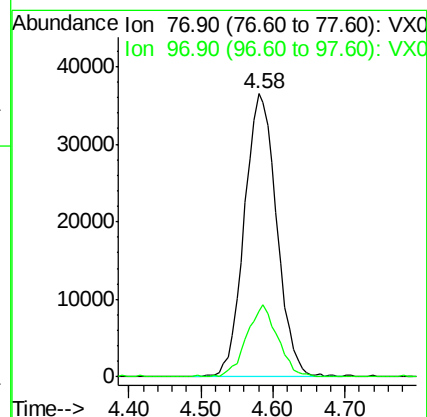
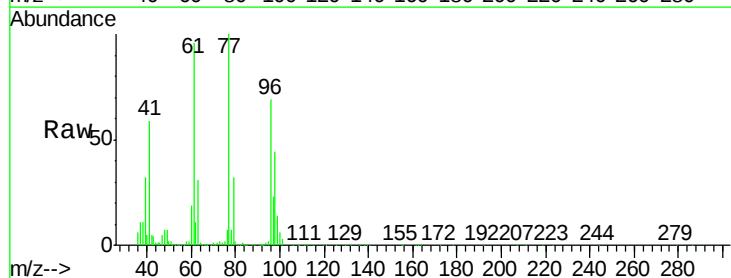
Acq: 22 Jan 2019 11:48

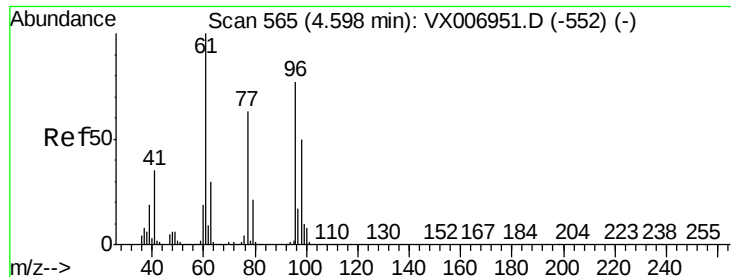
Tgt Ion: 77 Resp: 113844

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



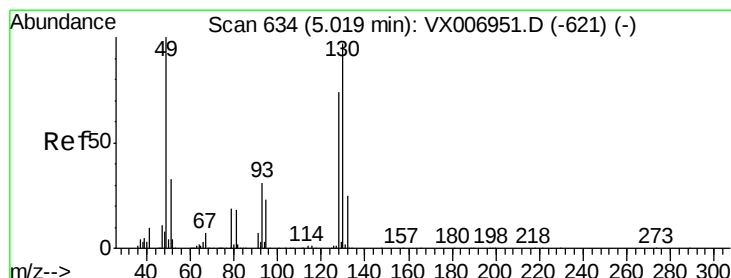
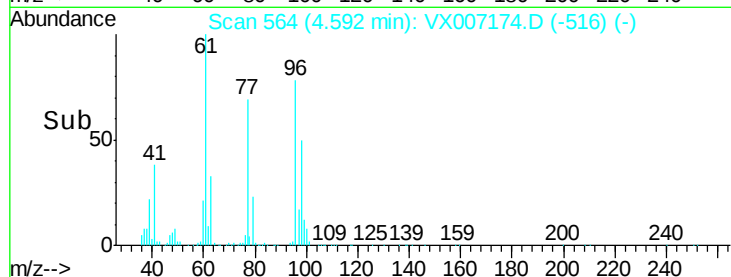
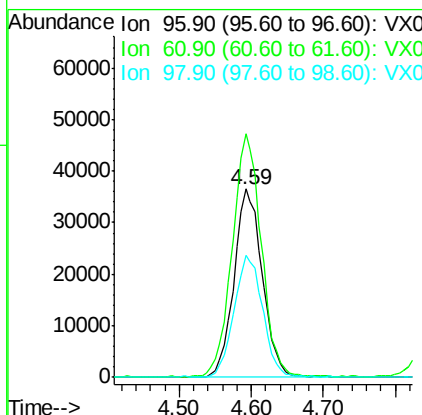
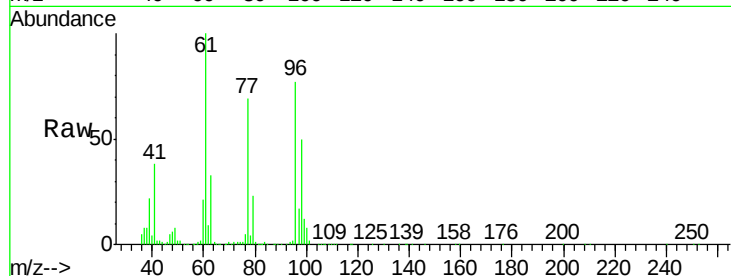


#27

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

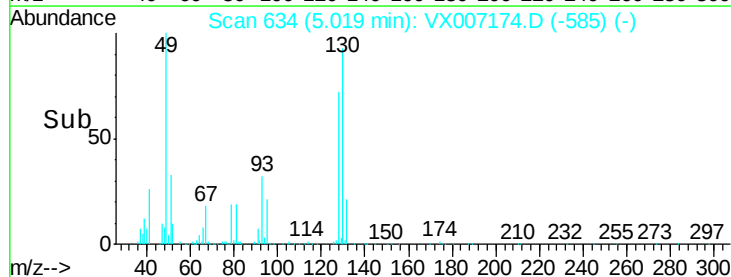
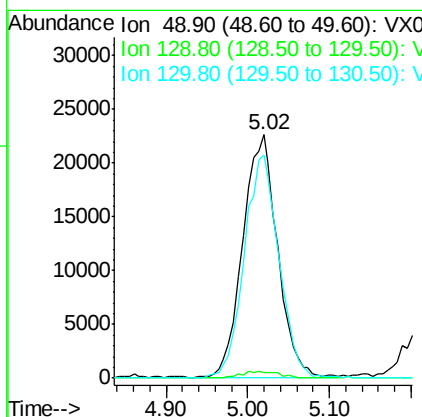
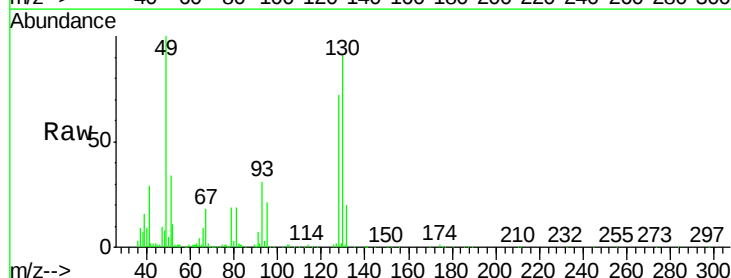
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	258.6
98	65.8	0.0	132.0



#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

ClientSampleId :

VX0122WBS01

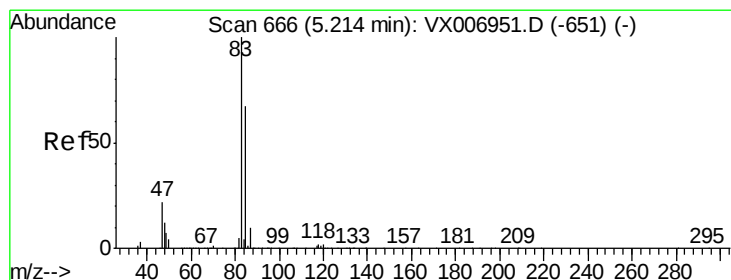
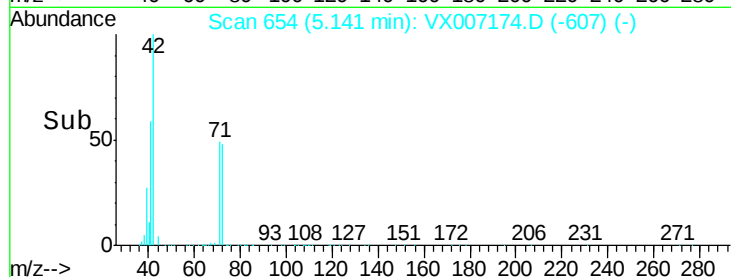
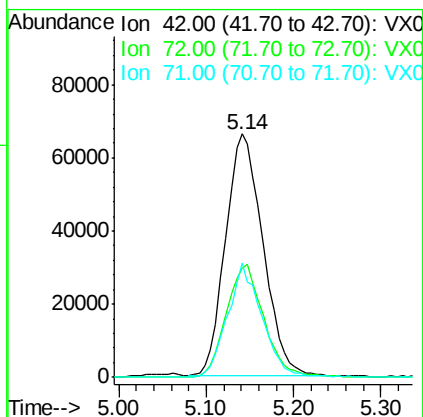
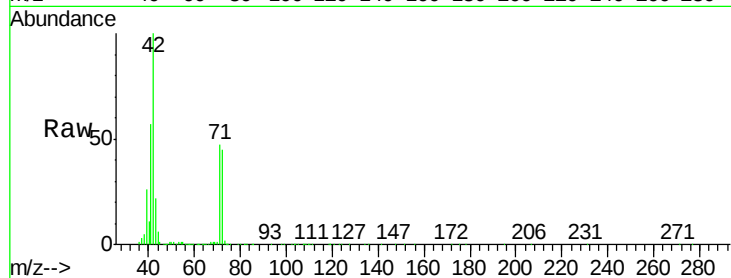
Tot Ion: 42 Resp: 196740

Ion Ratio Lower Upper

42 100

72 46.8 38.9 58.3

71 43.9 36.2 54.4



#30

Chloroform

Concen: 19.131 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX007174.D

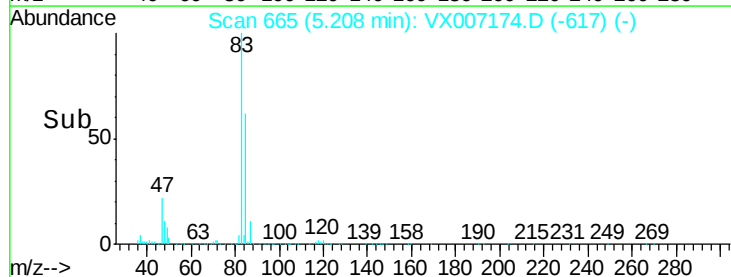
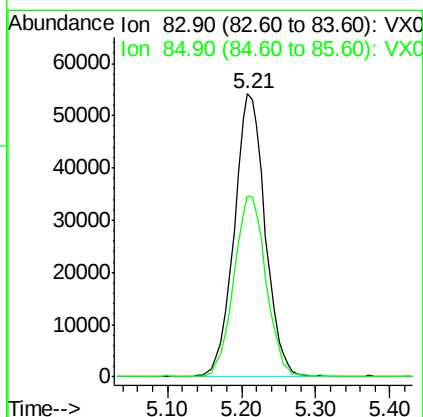
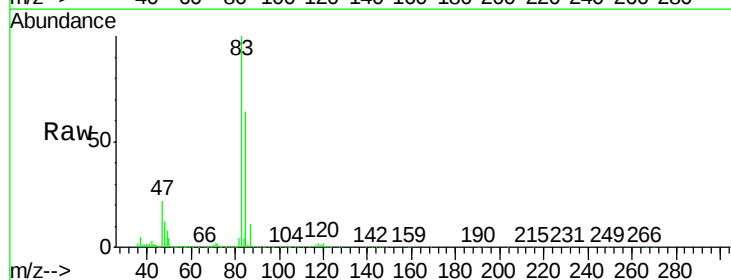
Acq: 22 Jan 2019 11:48

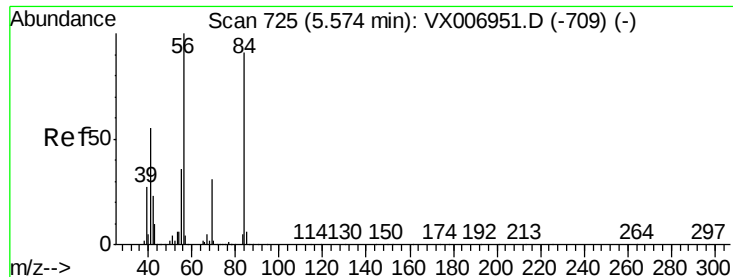
Tgt Ion: 83 Resp: 157937

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

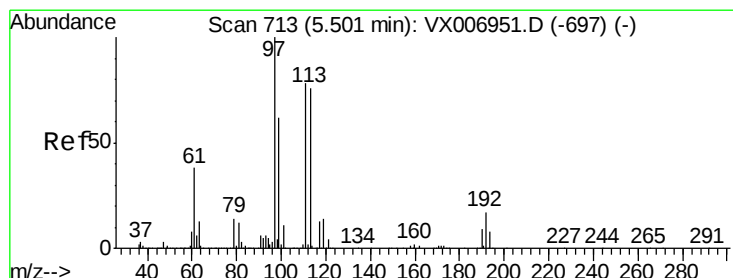
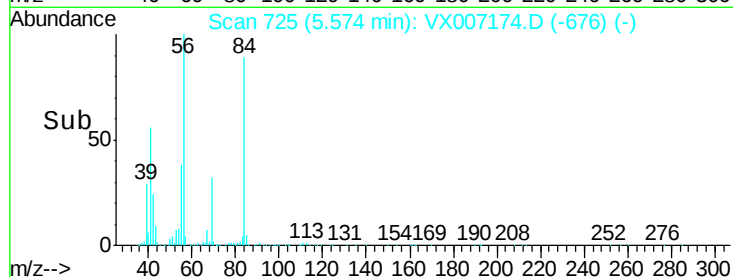
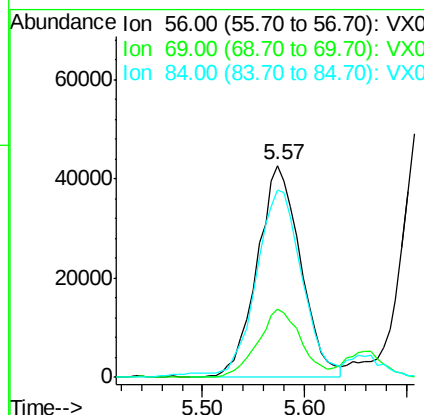
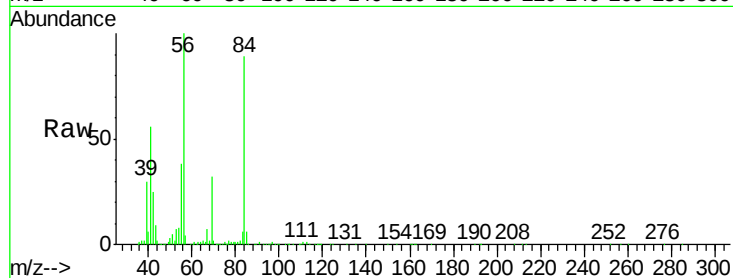




#31
Cyclohexane
Concen: 17.830 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

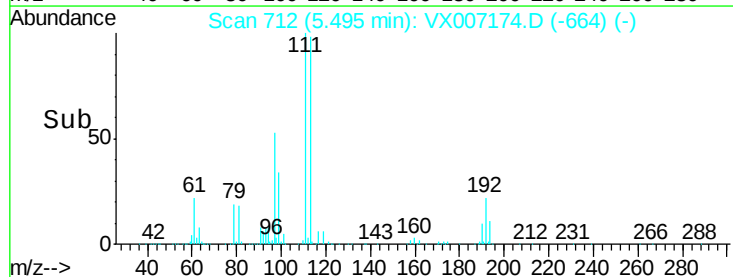
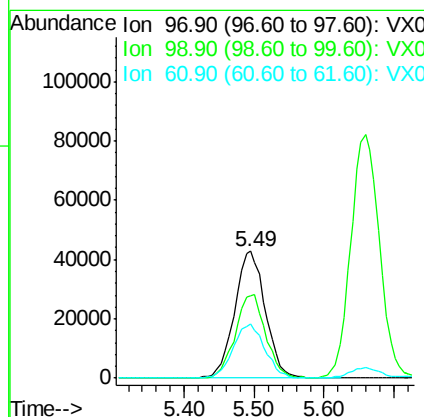
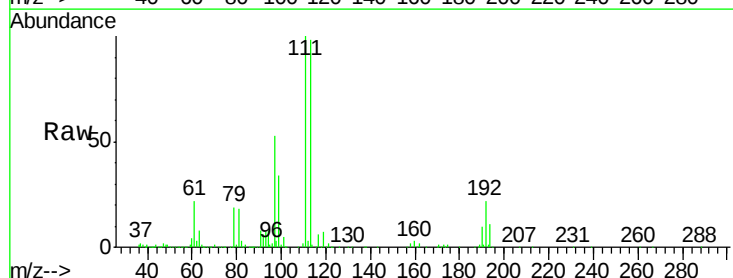
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

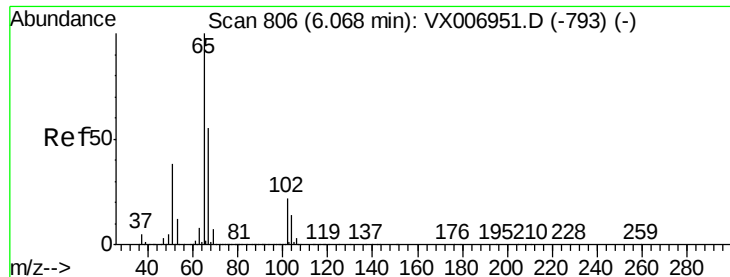
Tot Ion: 56 Resp: 125130
Ion Ratio Lower Upper
56 100
69 32.5 24.4 36.6
84 86.9 70.0 105.0



#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: 97 Resp: 130096
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

Instrument :

MSVOA_X

ClientSampleId :

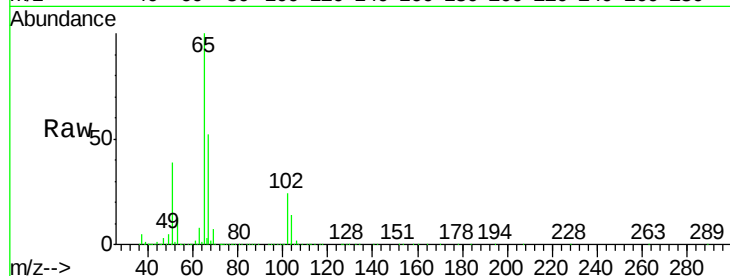
VX0122WBS01

Tot Ion: 65 Resp: 253585

Ion Ratio Lower Upper

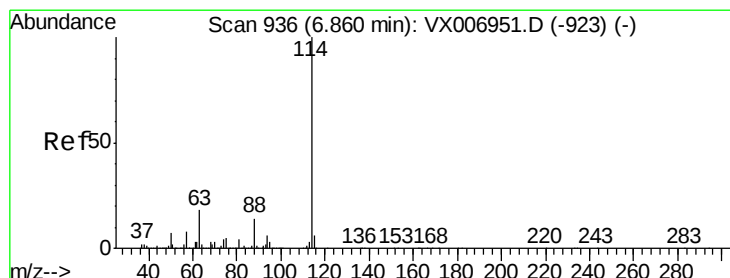
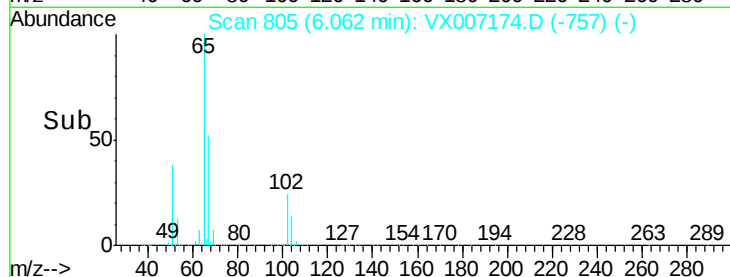
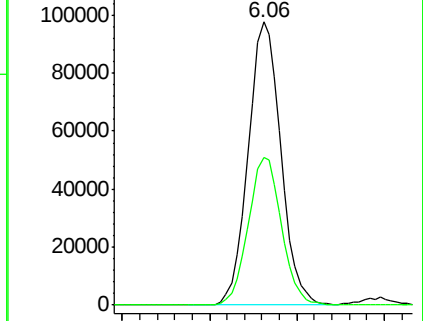
65 100

67 52.8 0.0 105.0



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

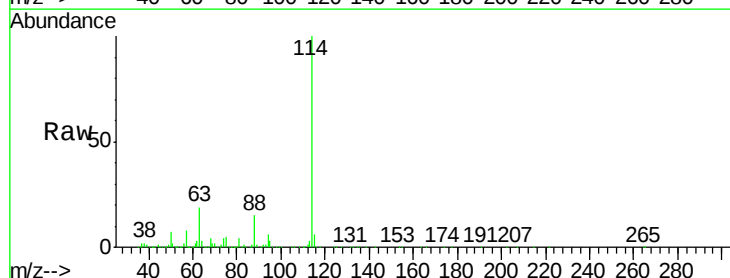
Tgt Ion: 114 Resp: 686402

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

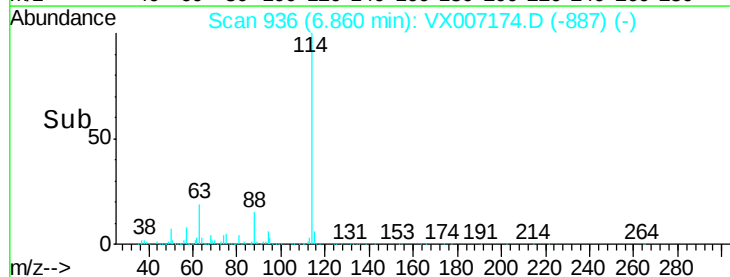
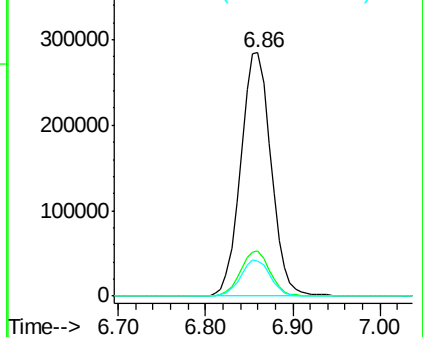
88 14.5 0.0 28.8

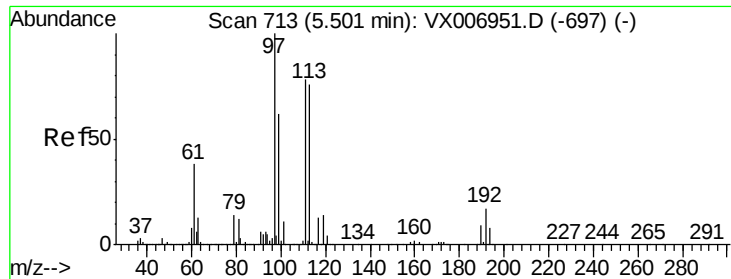


Abundance Ion 113.90 (113.60 to 114.60): V

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

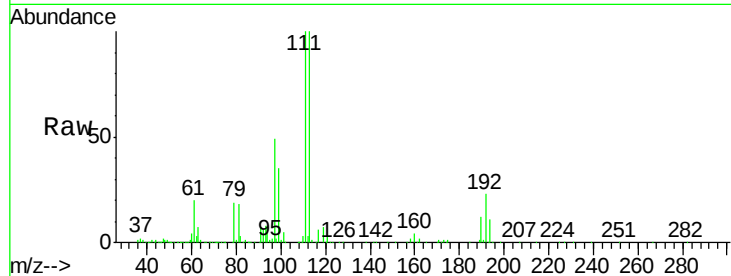
Tot Ion:113 Resp: 230471

Ion Ratio Lower Upper

113 100

111 101.8 81.6 122.4

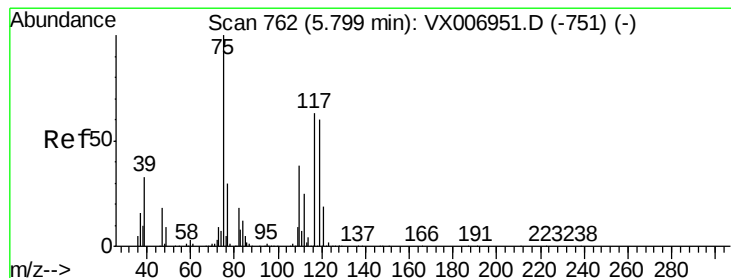
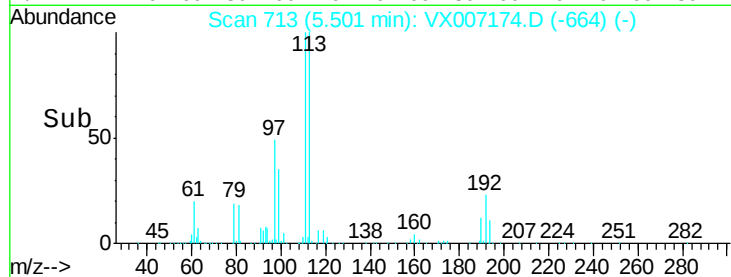
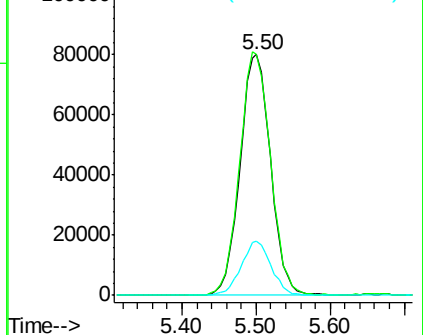
192 22.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#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

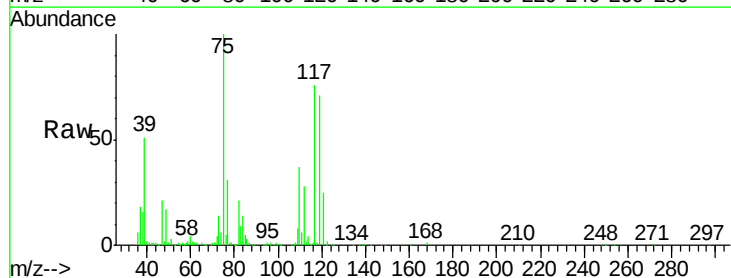
Tgt Ion: 75 Resp: 114103

Ion Ratio Lower Upper

75 100

110 39.3 20.2 60.5

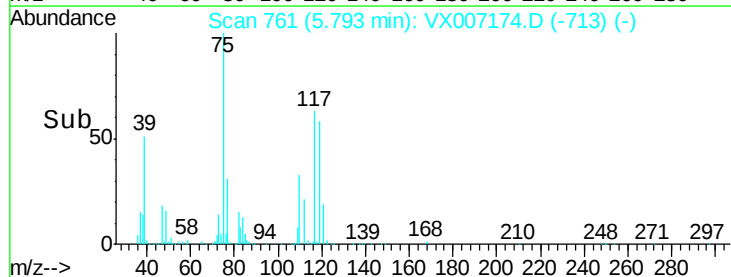
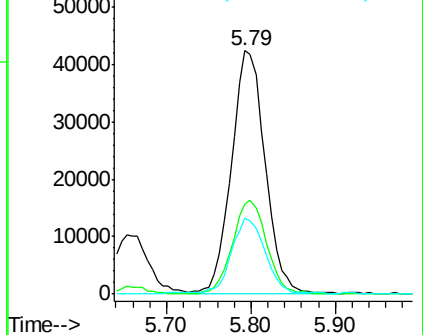
77 30.3 24.8 37.2

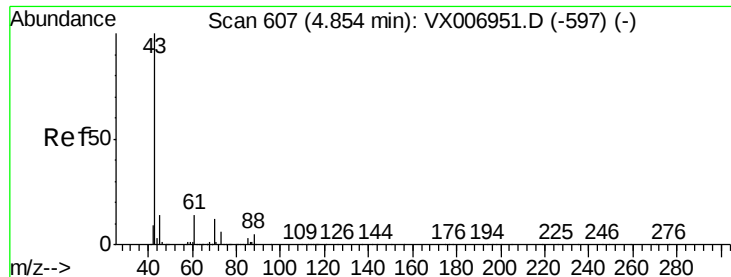


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

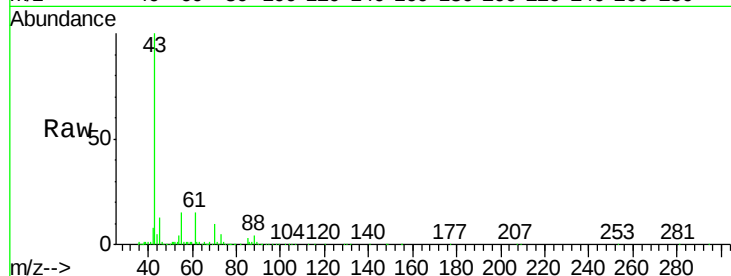




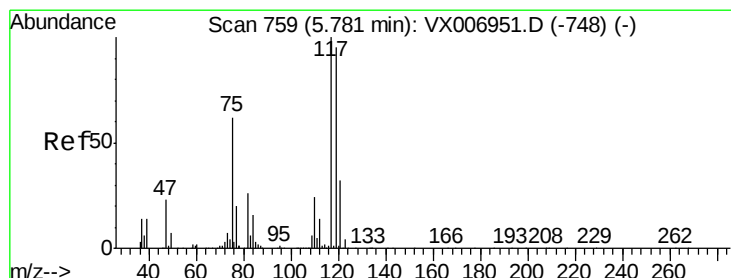
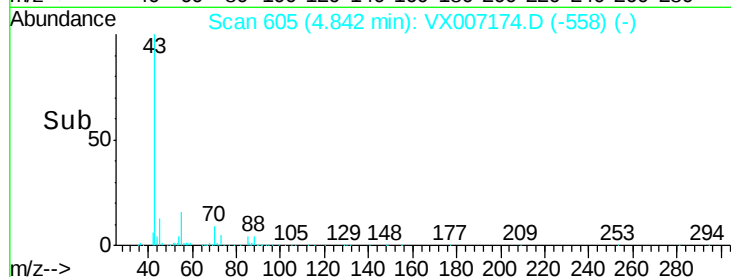
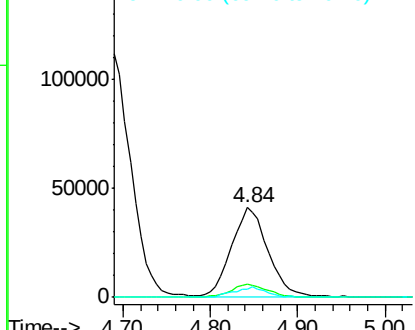
#37
Ethyl Acetate
Concen: 18.385 ug/l
RT: 4.84 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Instrument :
MSVOA_X
ClientSampled :
VX0122WBS01

Tot Ion: 43 Resp: 117626
Ion Ratio Lower Upper
43 100
61 14.5 11.9 17.9
70 10.5 9.7 14.5

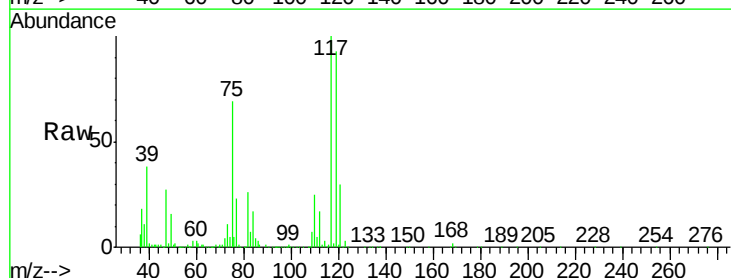


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

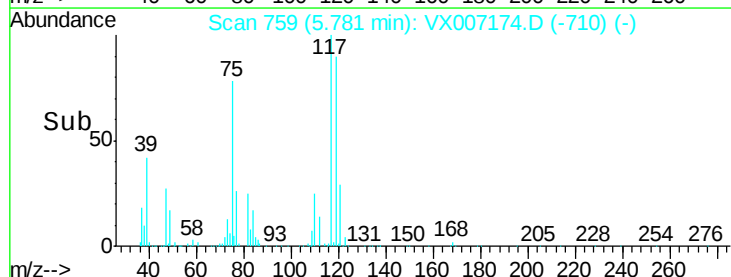
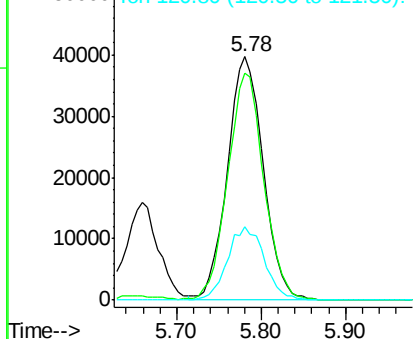


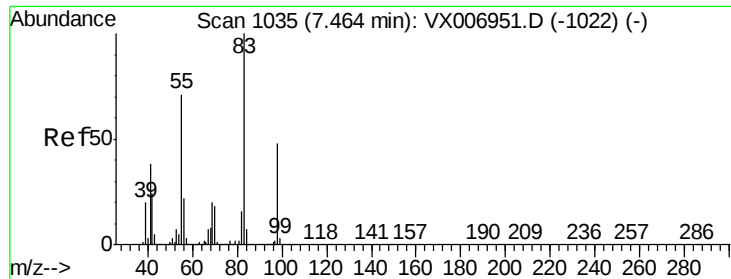
#38
Carbon Tetrachloride
Concen: 19.129 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

Tgt Ion: 117 Resp: 114853
Ion Ratio Lower Upper
117 100
119 92.7 79.4 119.2
121 30.2 24.0 36.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

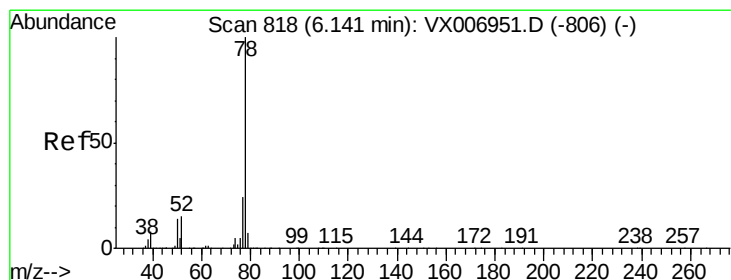
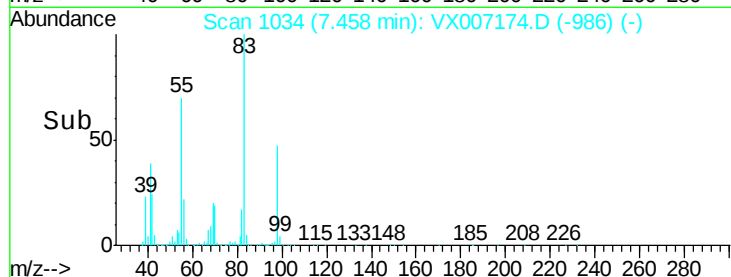
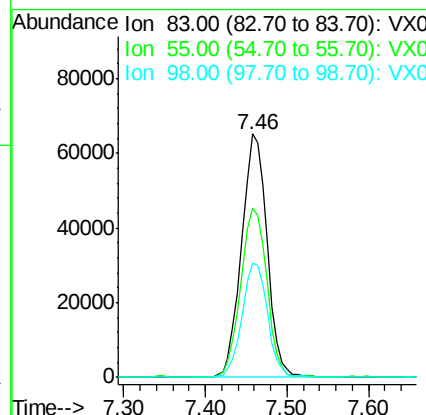
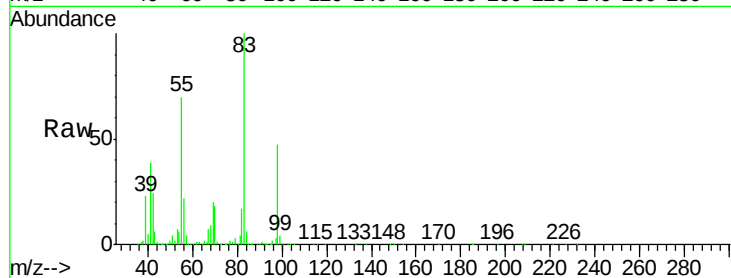




#39
Methvlcvclohexane
Concen: 18.521 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

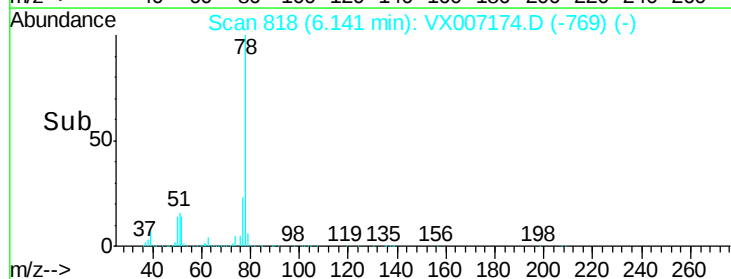
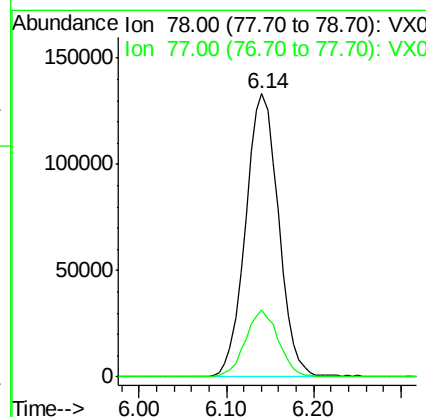
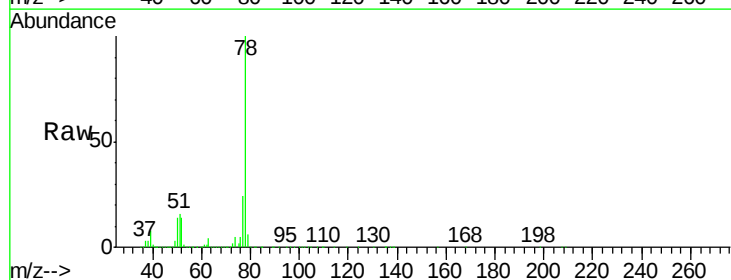
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

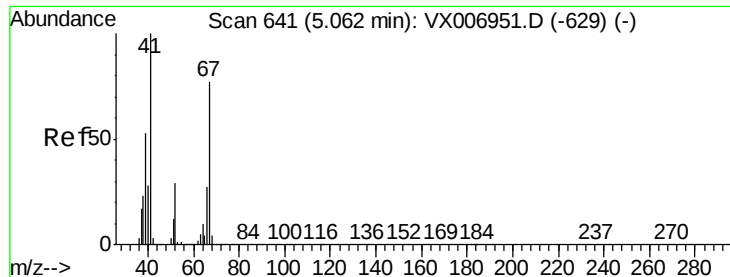
Tot Ion	83	Resp	140909
Ion Ratio	Lower	Upper	
83	100		
55	69.4	54.9	82.3
98	46.9	37.9	56.9



#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	78	Resp	349549
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: 41 Resp: 66871

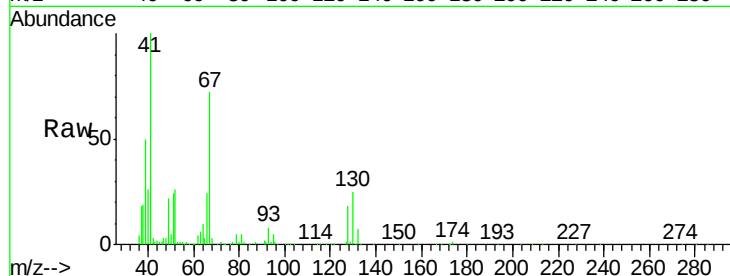
Ion Ratio Lower Upper

41 100

39 52.5 42.8 64.2

67 73.2 62.1 93.1

52 28.5 23.4 35.0

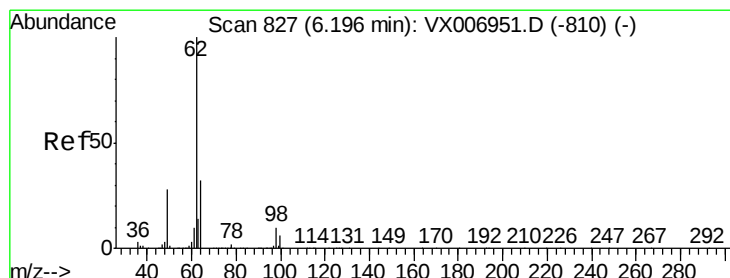
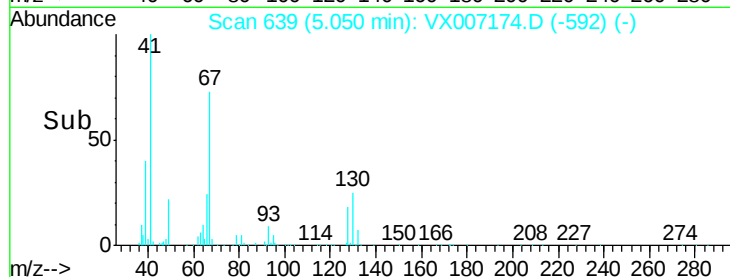
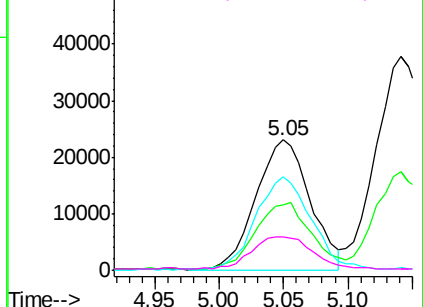


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#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

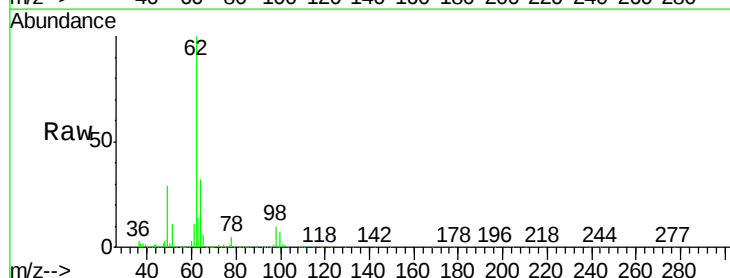
Acq: 22 Jan 2019 11:48

Tgt Ion: 62 Resp: 122090

Ion Ratio Lower Upper

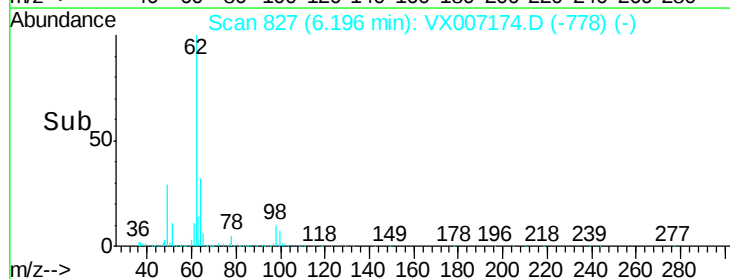
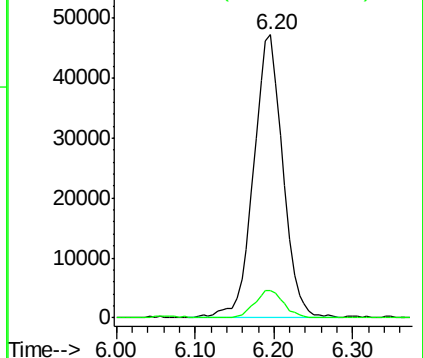
62 100

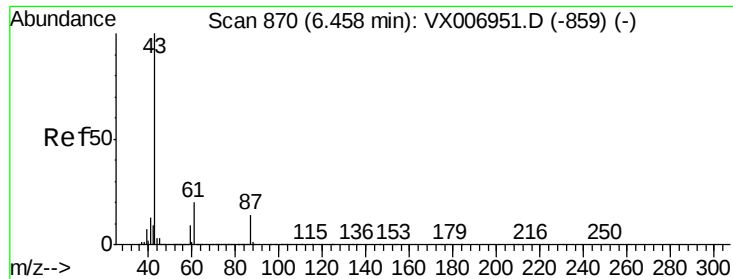
98 9.8 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



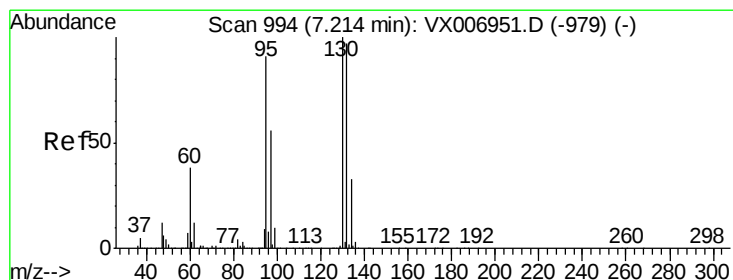
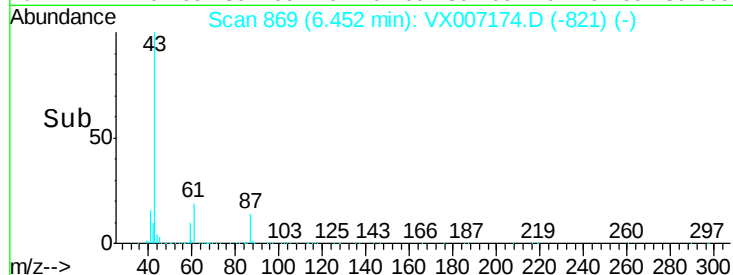
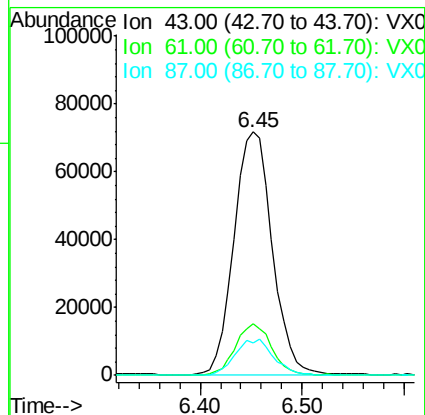
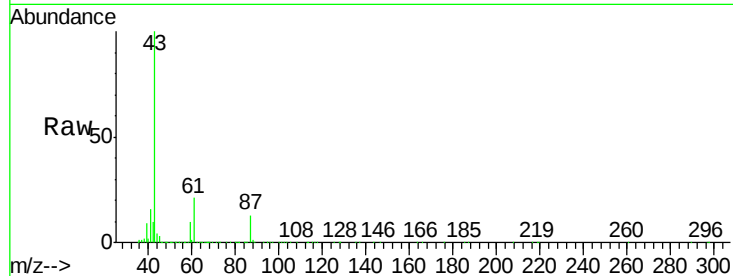


#43

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

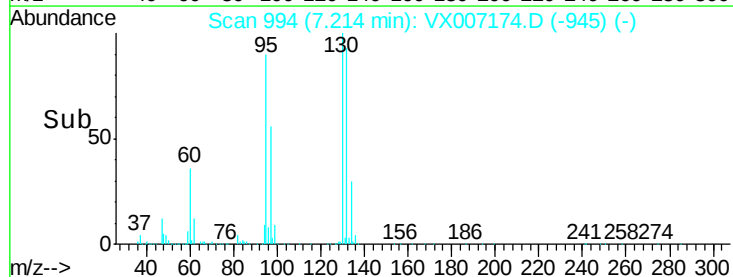
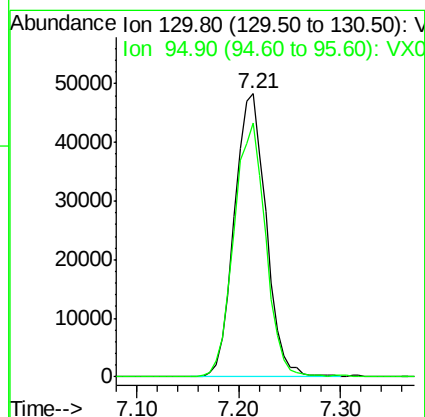
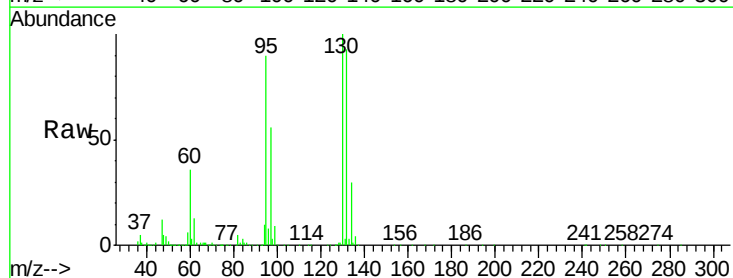
Tot Ion	43	Resp	186781
Ion Ratio	Lower	Upper	
43	100		
61	20.4	16.8	25.2
87	14.8	12.4	18.6

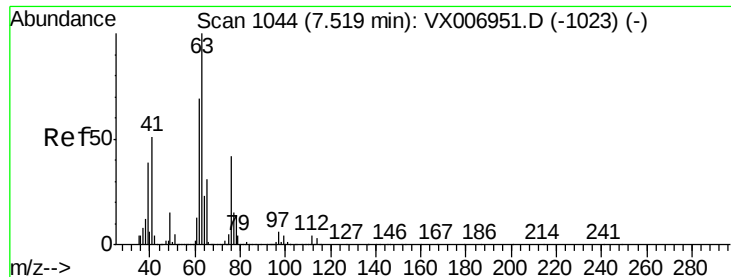


#44

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 :

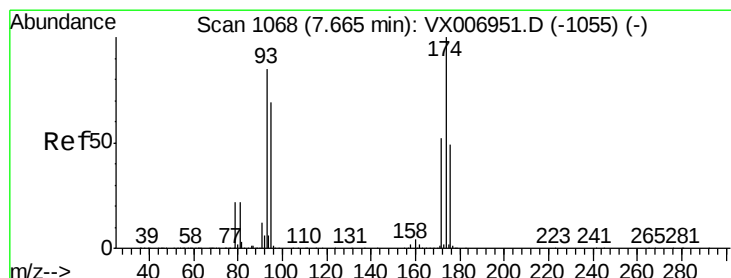
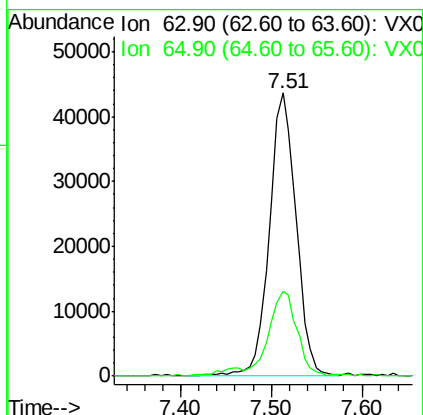
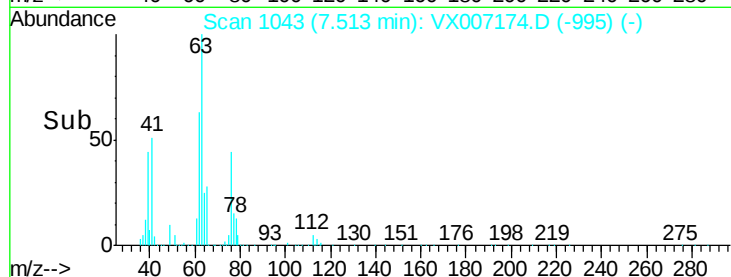
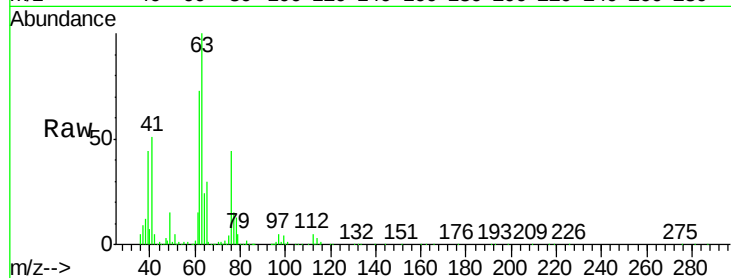
VX0122WBS01

Tot Ion: 63 Resp: 88781

Ion Ratio Lower Upper

63 100

65 30.1 25.4 38.0



#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

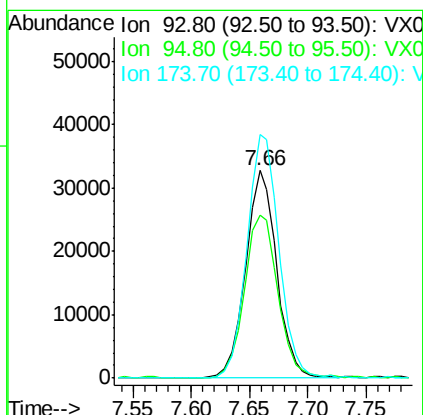
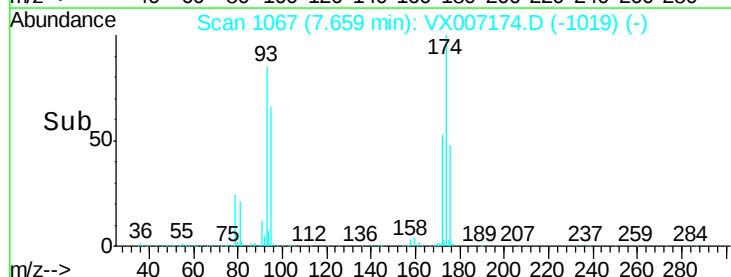
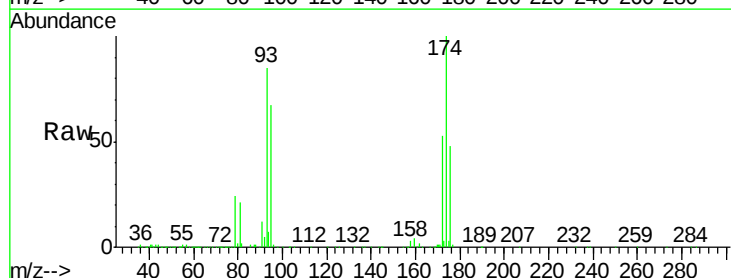
Tgt Ion: 93 Resp: 61005

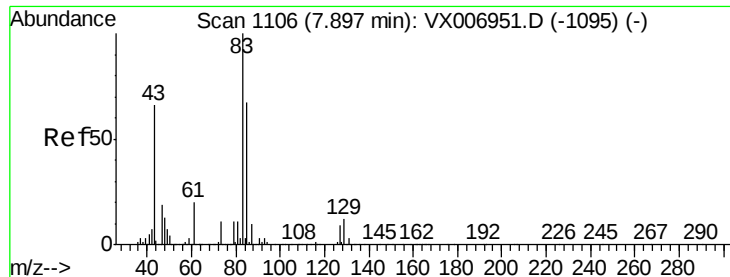
Ion Ratio Lower Upper

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

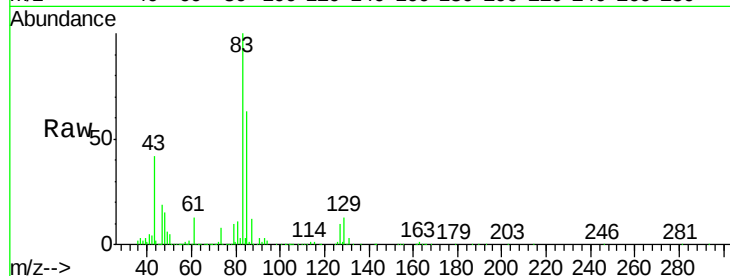
Tot Ion: 83 Resp: 106494

Ion Ratio Lower Upper

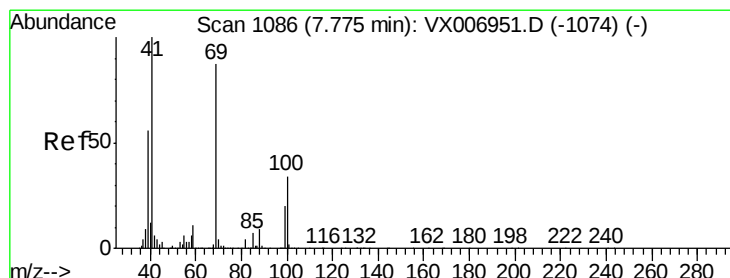
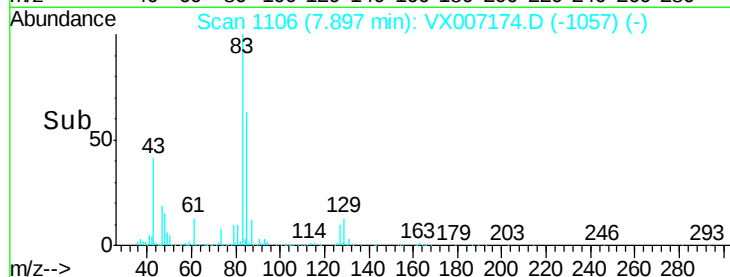
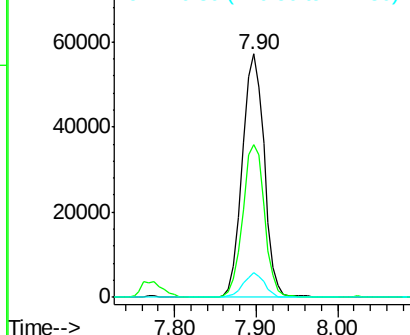
83 100

85 62.5 53.2 79.8

127 10.2 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#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

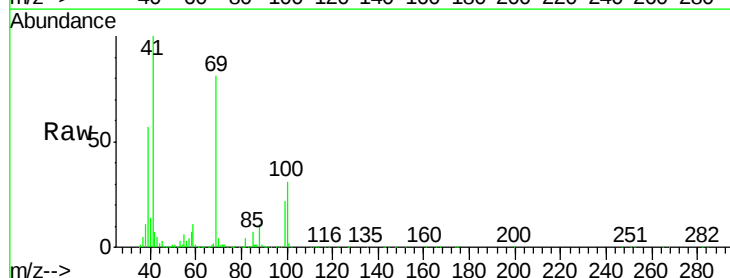
Tgt Ion: 41 Resp: 96174

Ion Ratio Lower Upper

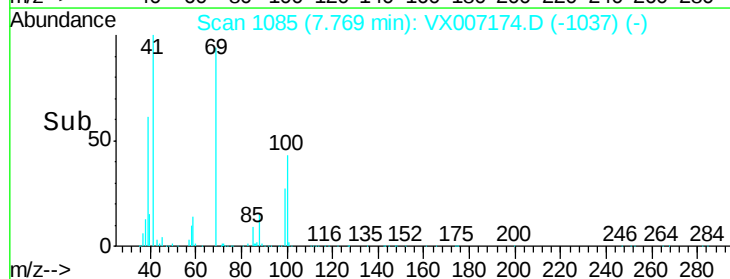
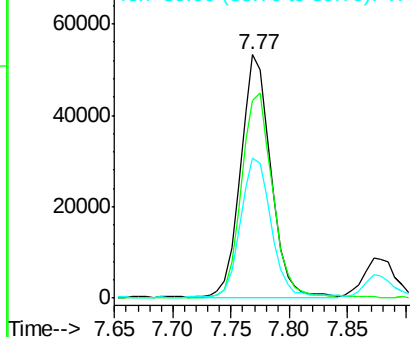
41 100

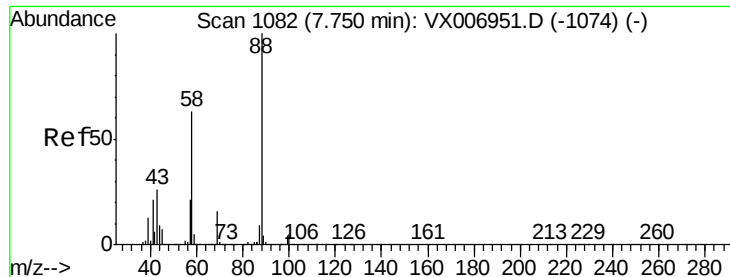
69 87.7 72.4 108.6

39 59.3 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

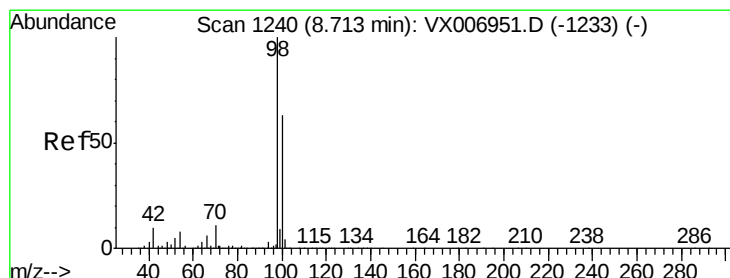
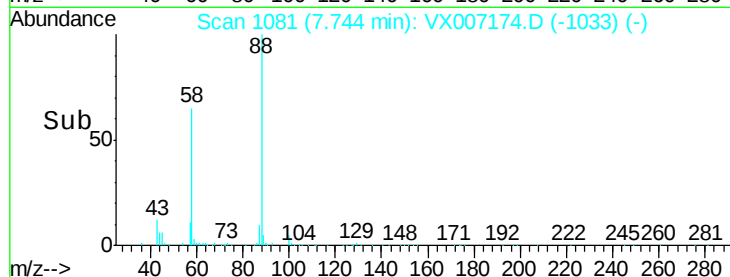
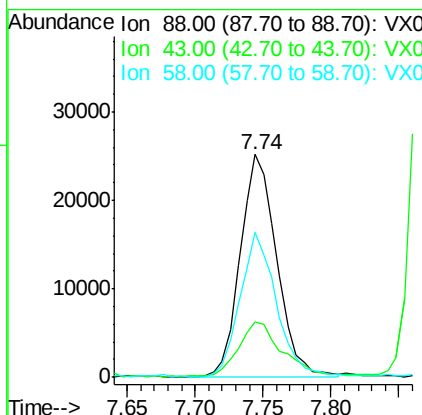
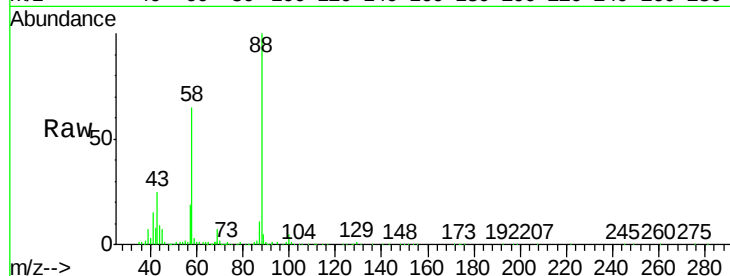




#49
1,4-Dioxane
Concen: 391.872 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

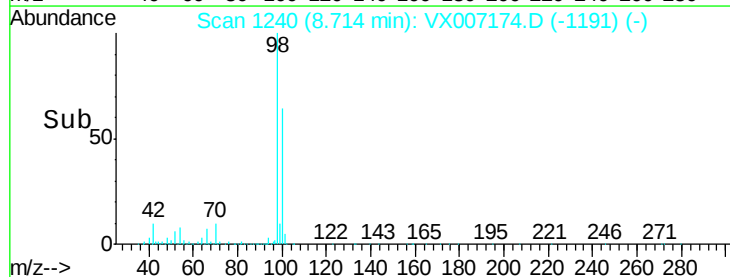
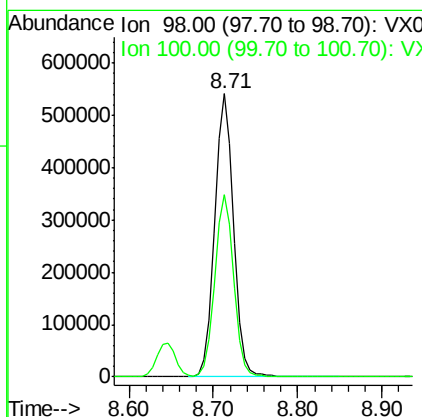
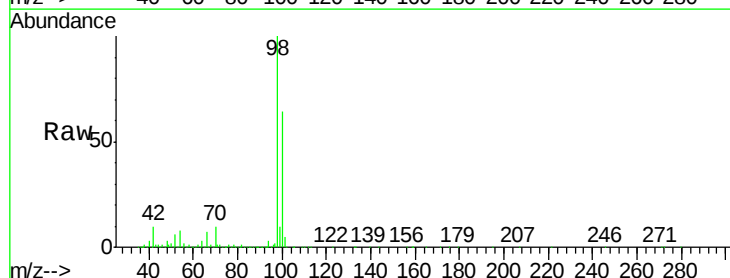
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

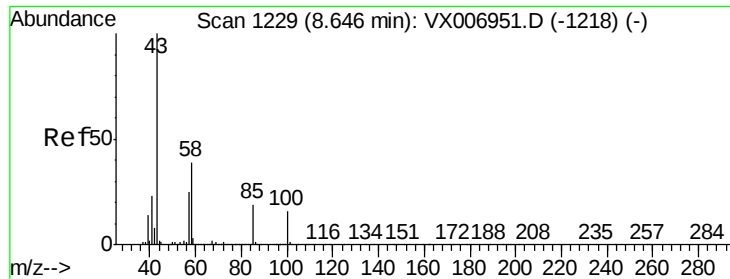
Tot Ion	88	Resp	46997
Ion	Ratio	Lower	Upper
88	100		
43	31.0	22.2	33.4
58	64.5	51.0	76.4



#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 :

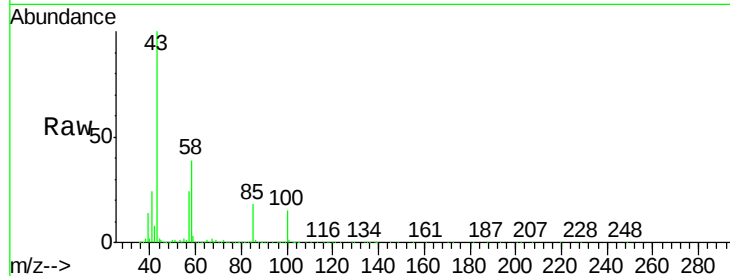
VX0122WBS01

Tot Ion: 43 Resp: 627080

Ion Ratio Lower Upper

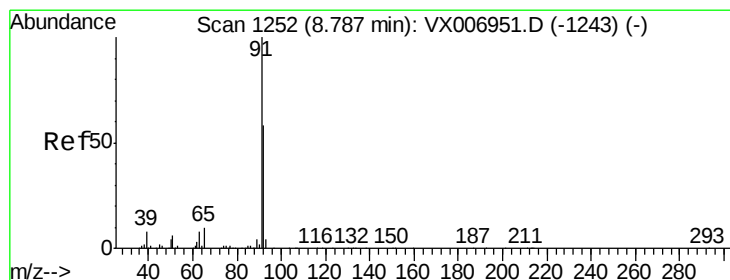
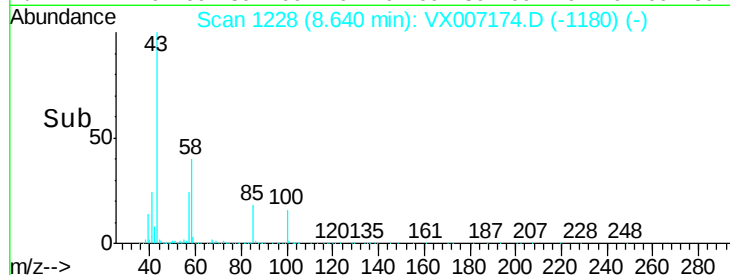
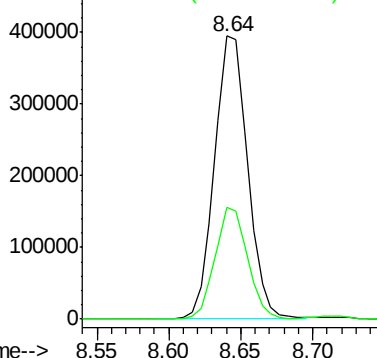
43 100

58 38.8 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.195 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007174.D

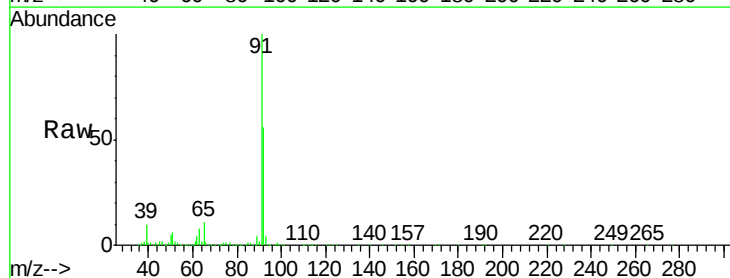
Acq: 22 Jan 2019 11:48

Tgt Ion: 92 Resp: 224658

Ion Ratio Lower Upper

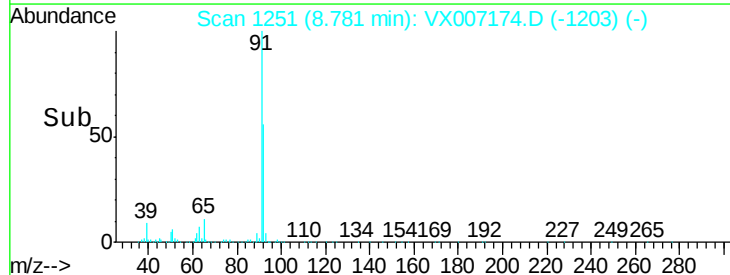
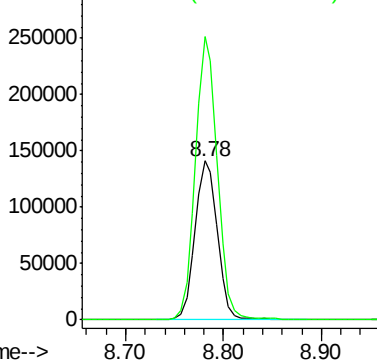
92 100

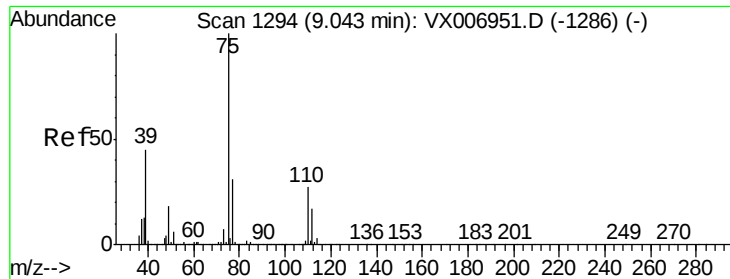
91 174.3 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#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 :

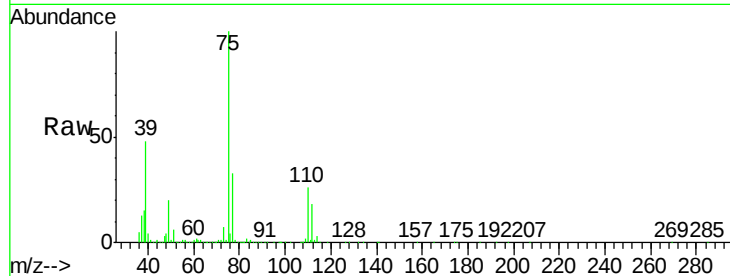
VX0122WBS01

Tot Ion: 75 Resp: 113408

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

80000

60000

40000

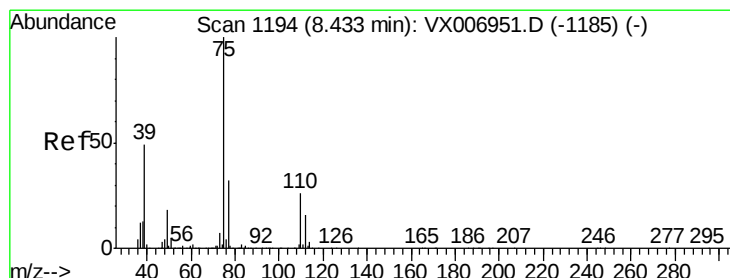
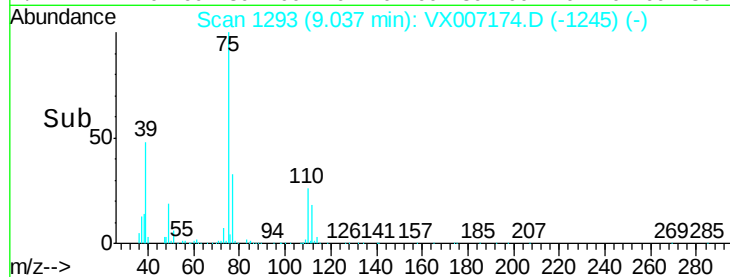
20000

0

Time-->

8.95 9.00 9.05 9.10

9.04



#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

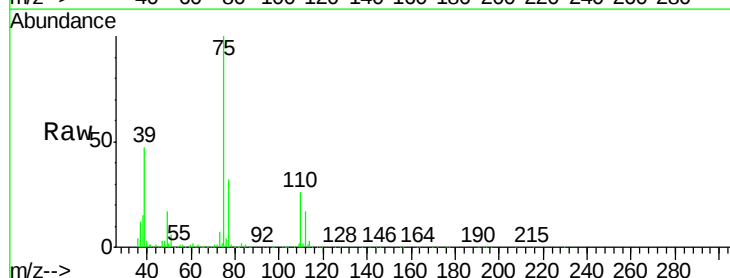
Tgt Ion: 75 Resp: 128709

Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 46.3 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

80000

60000

40000

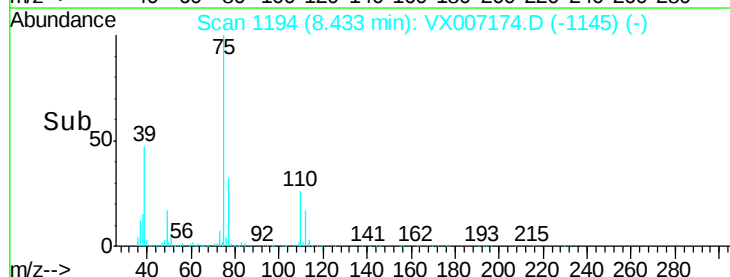
20000

0

Time-->

8.35 8.40 8.45 8.50

8.43





#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

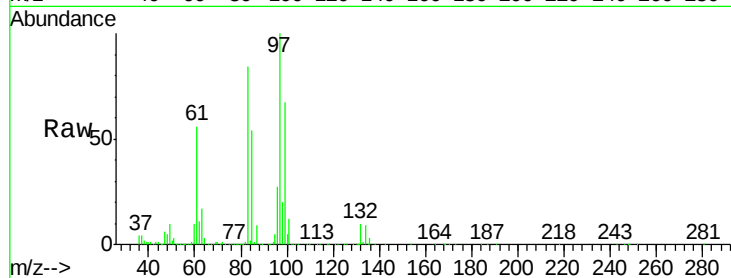
Ion Ratio Lower Upper

97 100

83 84.2 66.6 99.8

85 54.0 42.7 64.1

99 67.0 50.8 76.2

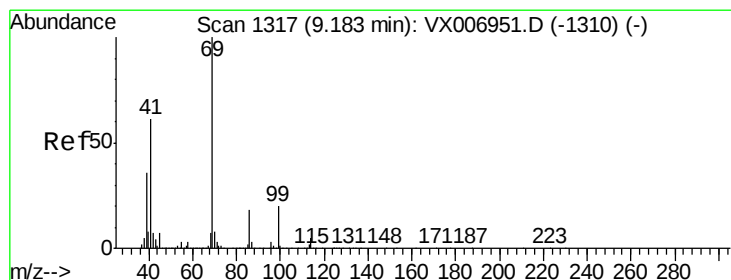
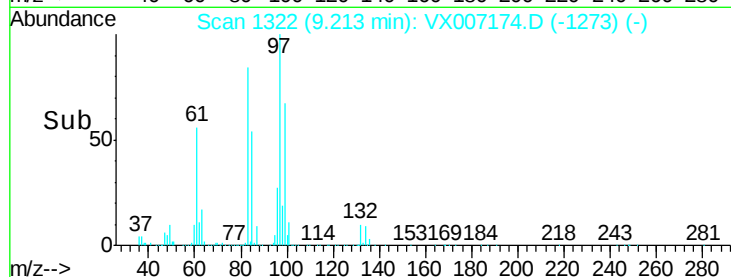
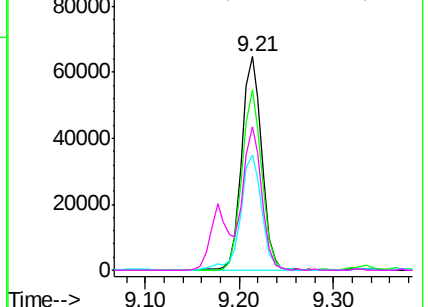


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#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

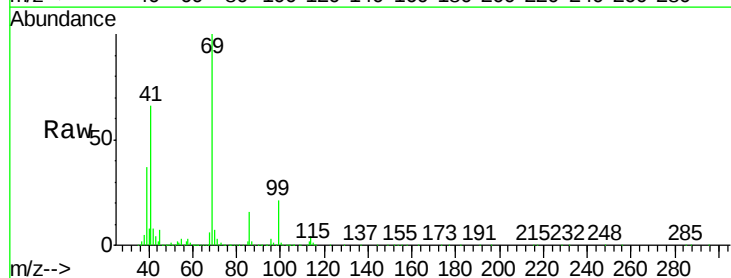
Tgt Ion: 69 Resp: 131106

Ion Ratio Lower Upper

69 100

41 65.9 48.7 73.1

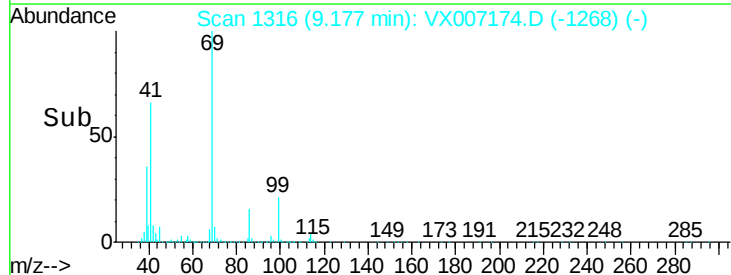
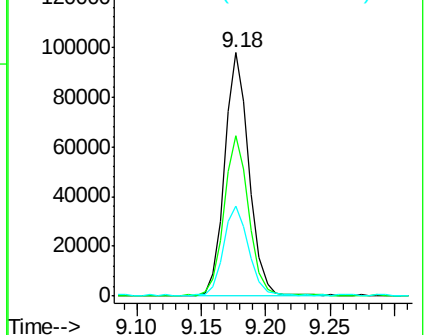
39 37.4 27.0 40.6

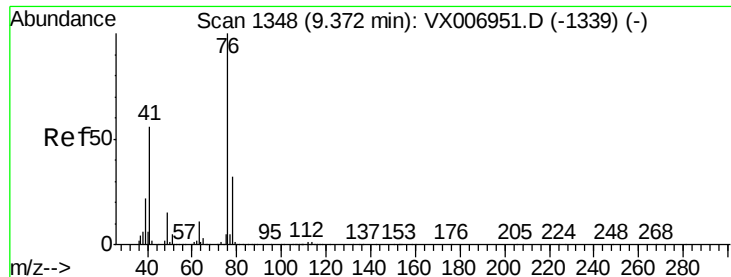


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#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 :

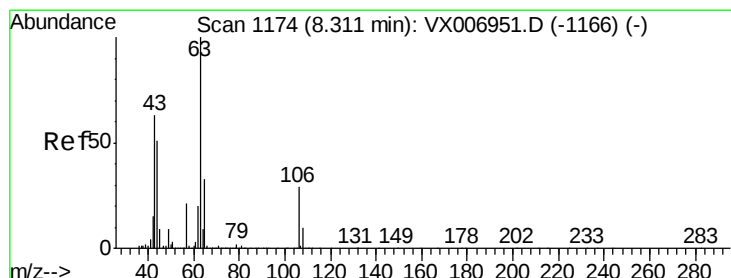
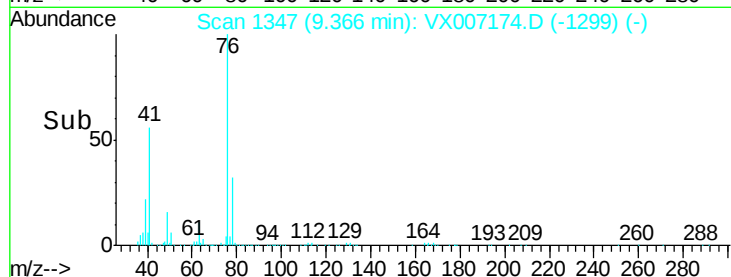
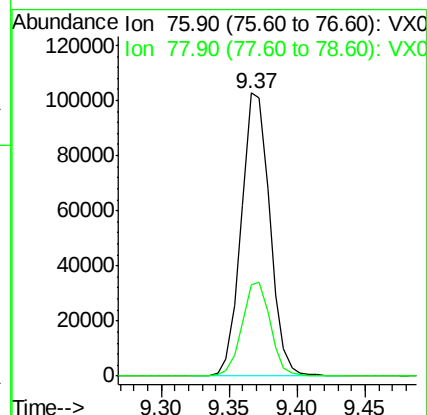
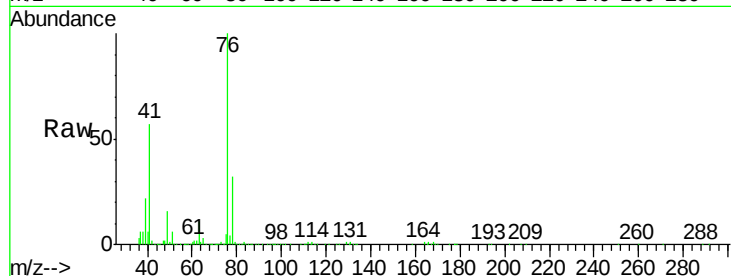
VX0122WBS01

Tot Ion: 76 Resp: 150639

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#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

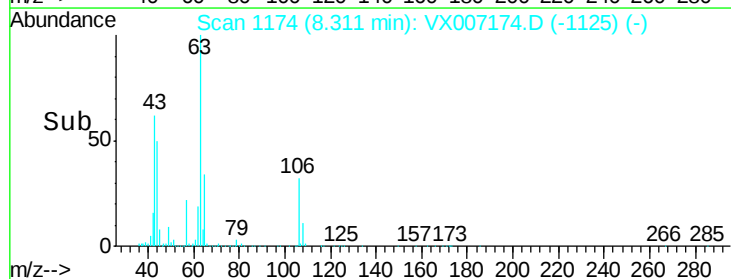
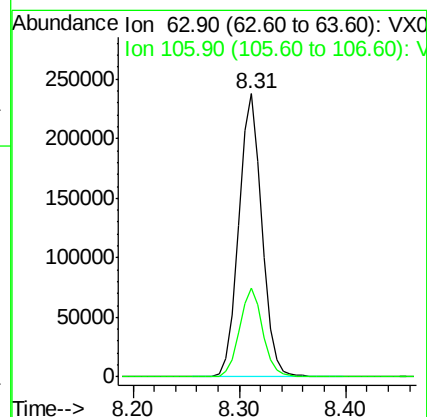
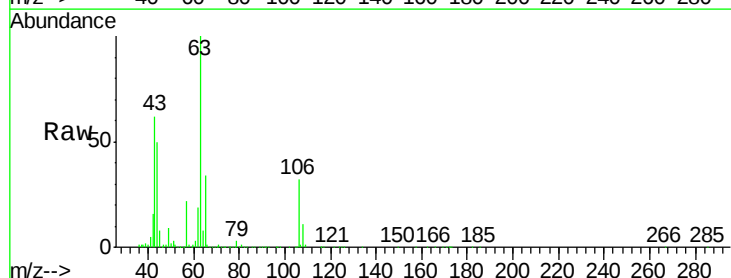
Acq: 22 Jan 2019 11:48

Tgt Ion: 63 Resp: 362089

Ion Ratio Lower Upper

63 100

106 31.4 24.6 36.8

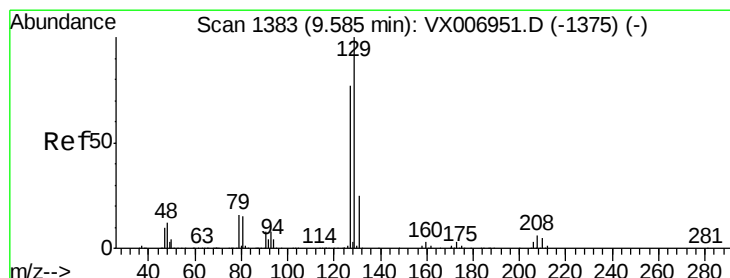
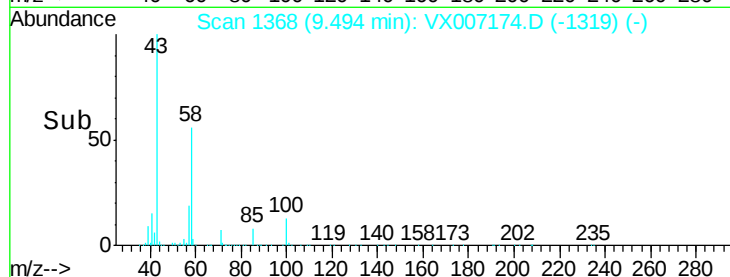
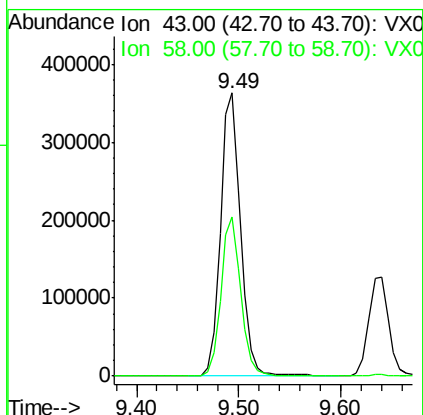
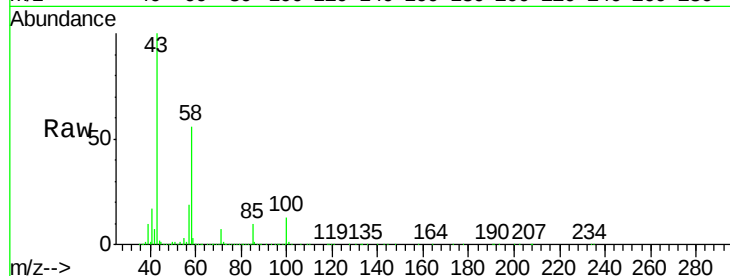




#59
2-Hexanone
Concen: 100.791 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

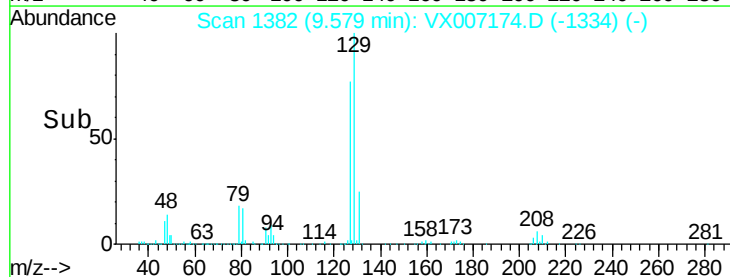
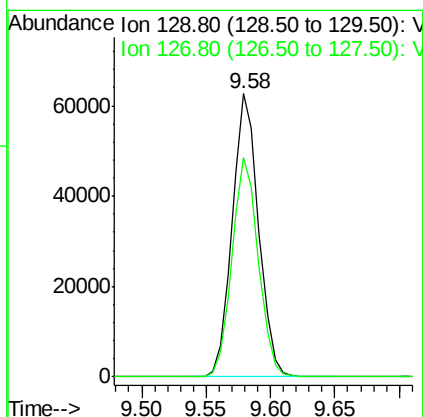
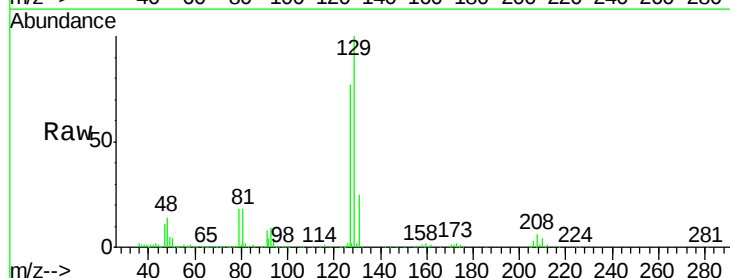
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

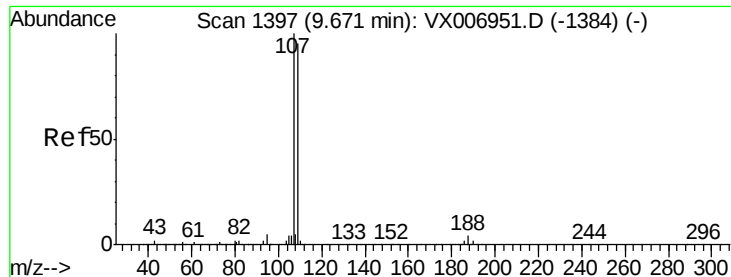
Tot Ion: 43 Resp: 498149
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1



#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 :

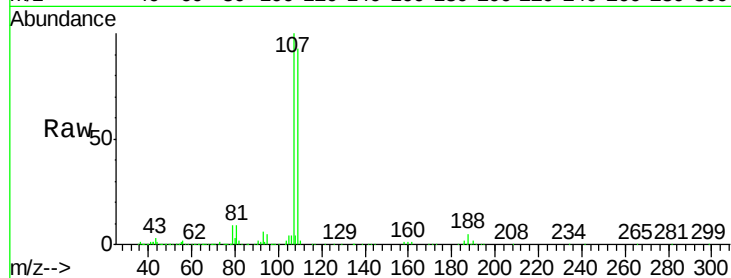
VX0122WBS01

Tot Ion:107 Resp: 101429

Ion Ratio Lower Upper

107 100

109 93.1 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

80000

60000

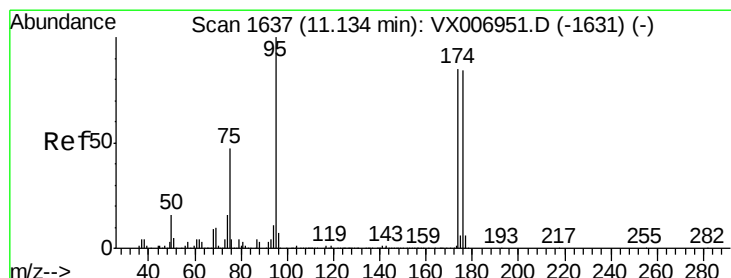
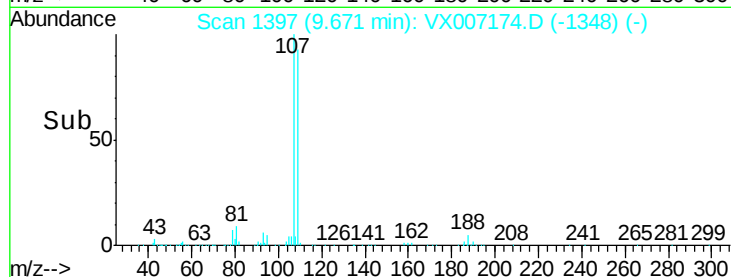
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#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

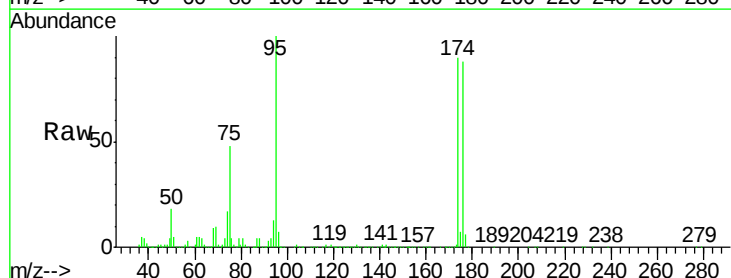
Tgt Ion: 95 Resp: 313838

Ion Ratio Lower Upper

95 100

174 93.3 0.0 182.2

176 91.1 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

300000

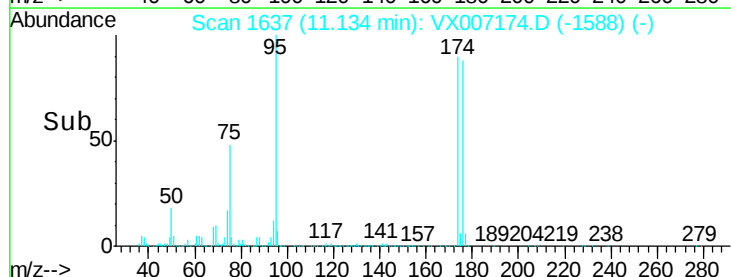
200000

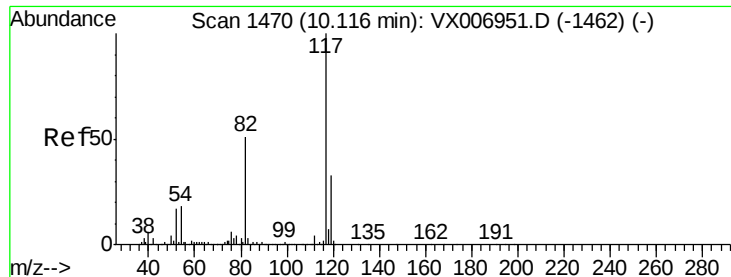
100000

0

Time-->

11.10 11.20





#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

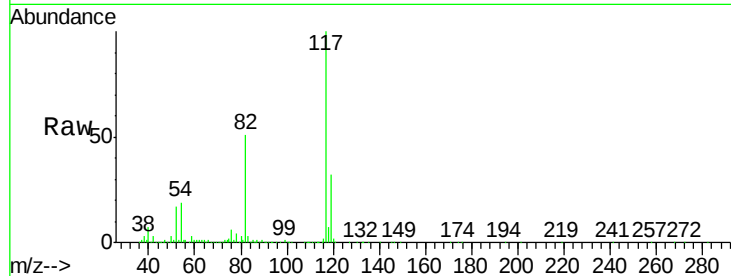
Tot Ion:117 Resp: 627394

Ion Ratio Lower Upper

117 100

82 50.5 41.0 61.6

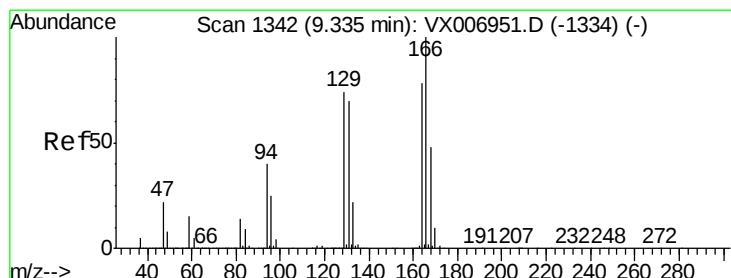
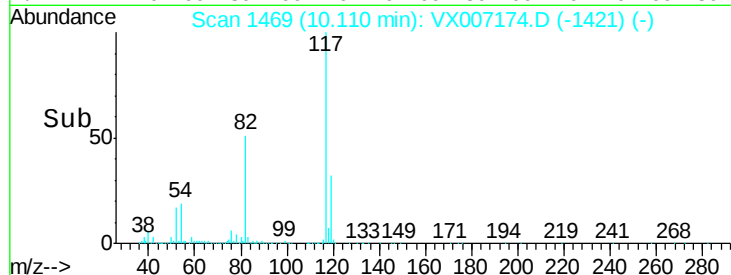
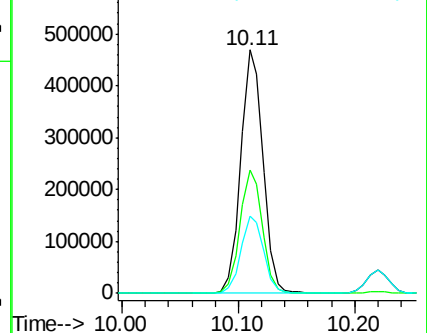
119 31.8 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#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

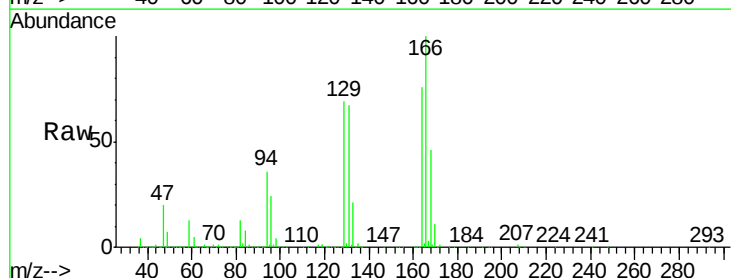
Ion Ratio Lower Upper

164 100

166 131.2 102.5 153.7

129 90.8 75.1 112.7

131 87.4 72.7 109.1

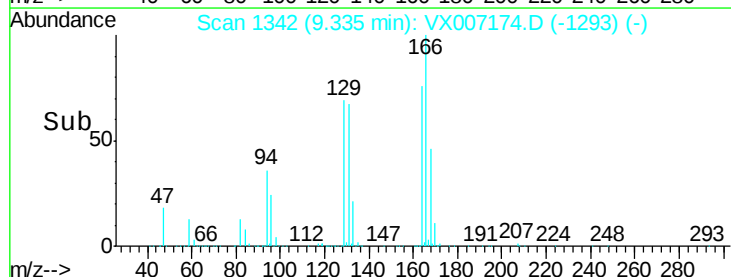
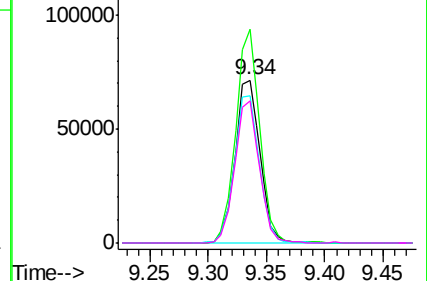


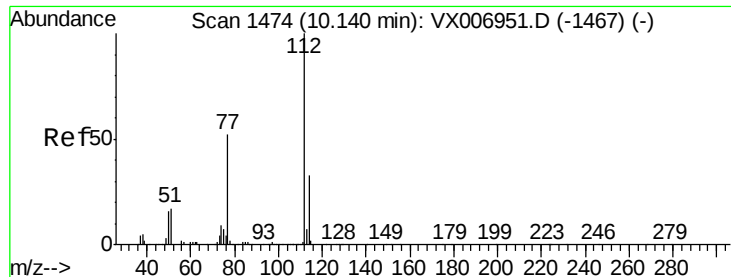
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

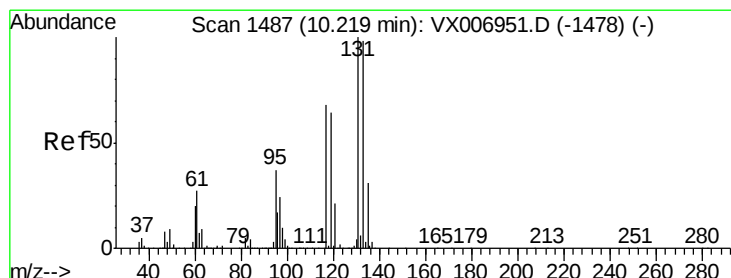
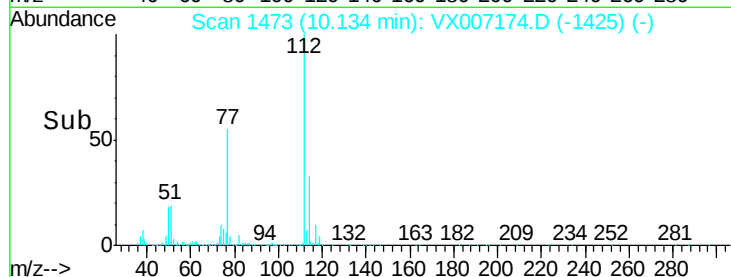
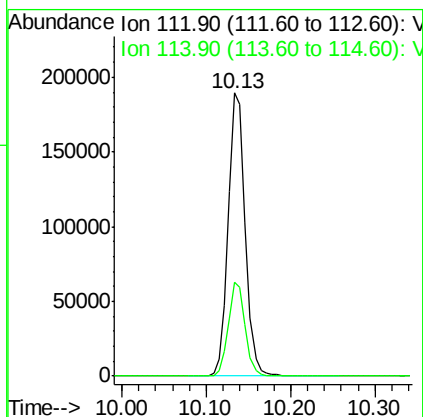
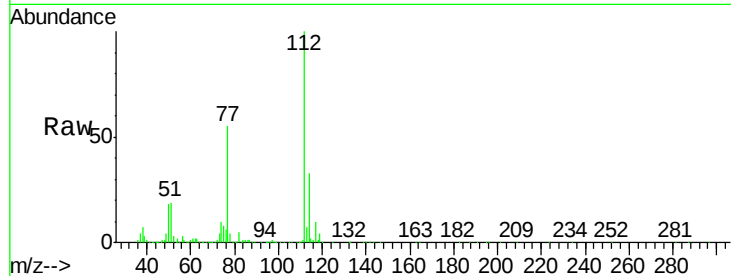




#65
Chlorobenzene
Concen: 19.253 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

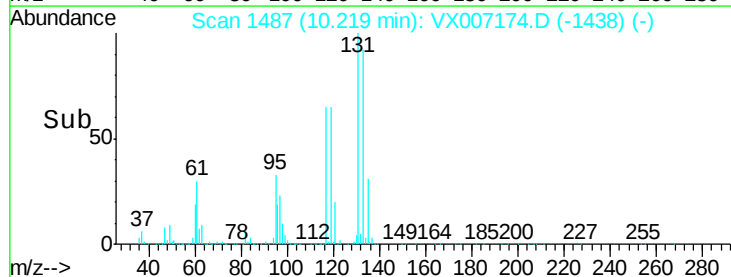
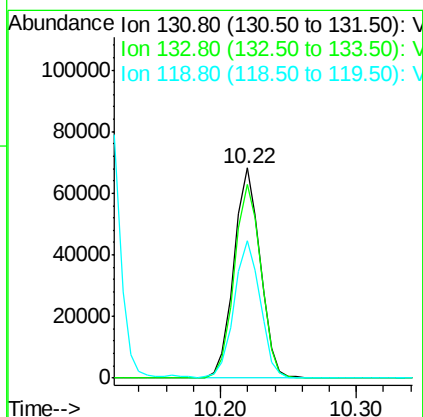
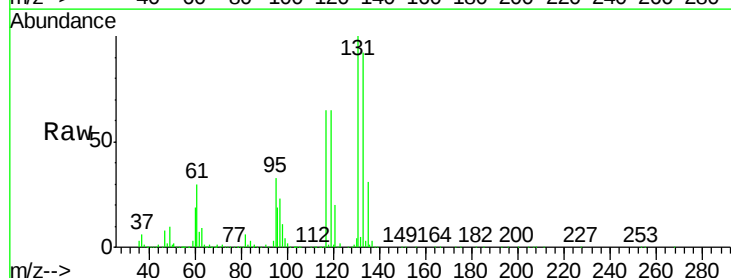
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

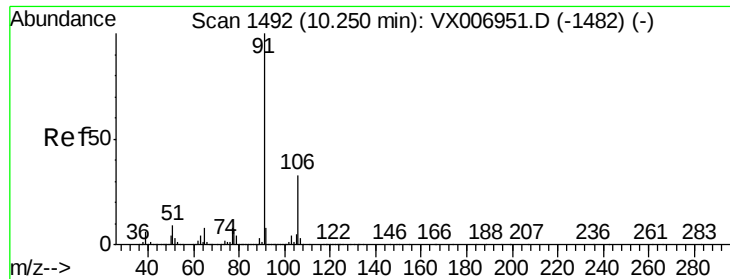
Tot Ion:112 Resp: 263448
Ion Ratio Lower Upper
112 100
114 33.0 25.7 38.5



#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:131 Resp: 92094
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 :

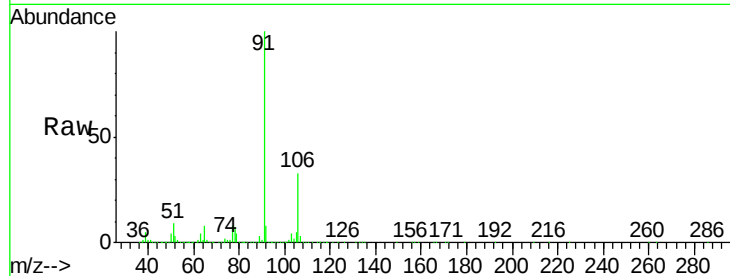
VX0122WBS01

Tot Ion: 91 Resp: 432999

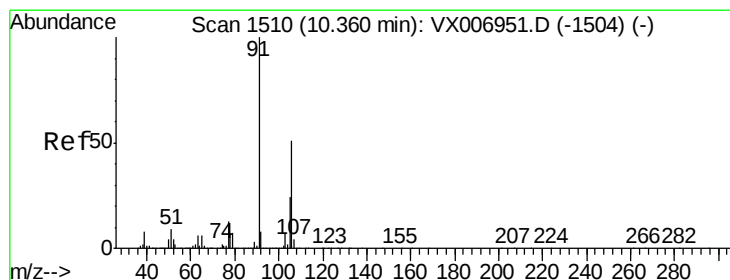
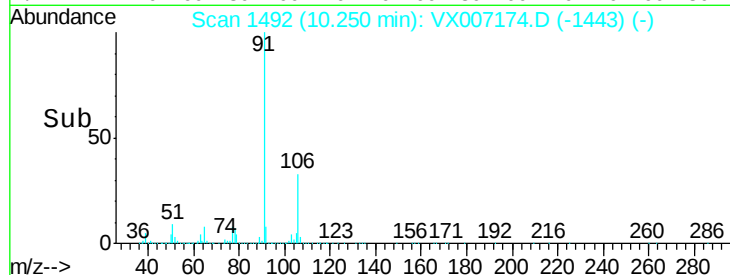
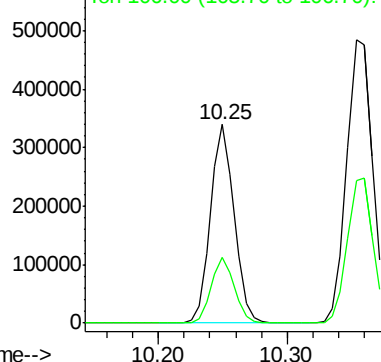
Ion Ratio Lower Upper

91 100

106 33.0 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1482) (-)



#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

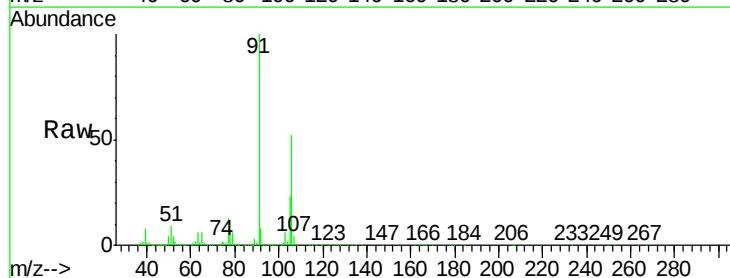
Acq: 22 Jan 2019 11:48

Tgt Ion: 106 Resp: 342798

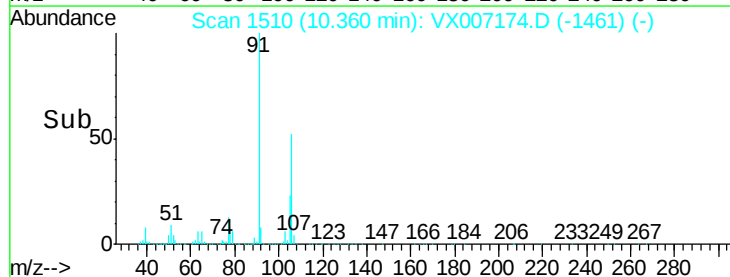
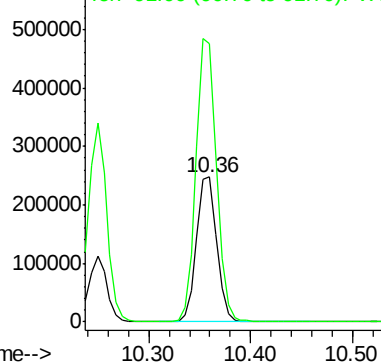
Ion Ratio Lower Upper

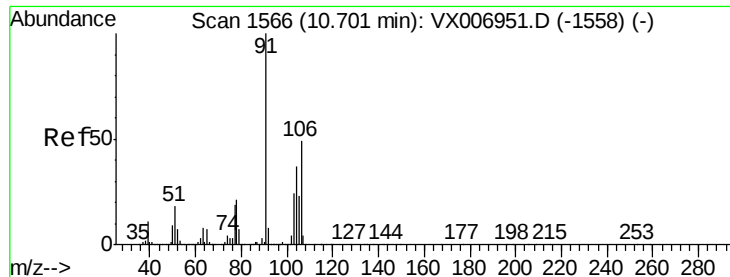
106 100

91 196.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006951.D (-1504) (-)

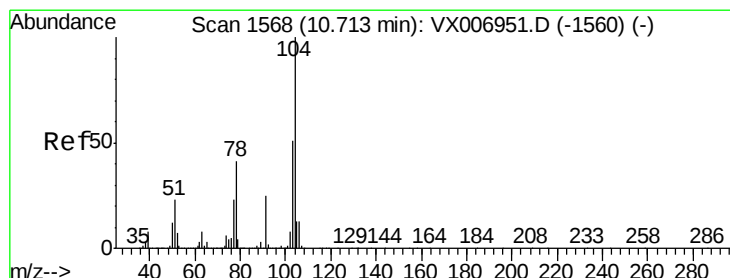
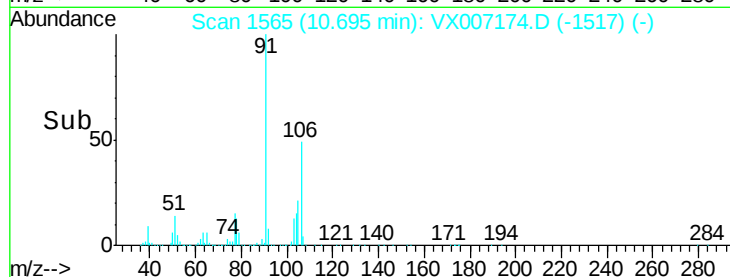
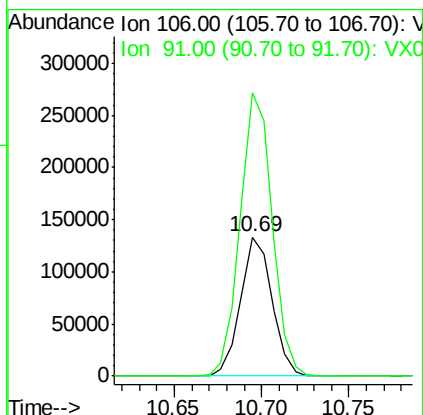
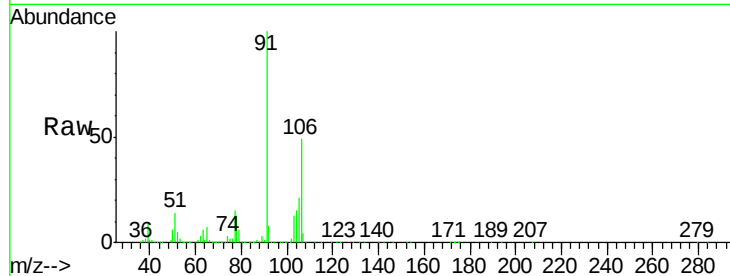




#69
o-Xylene
Concen: 19.276 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

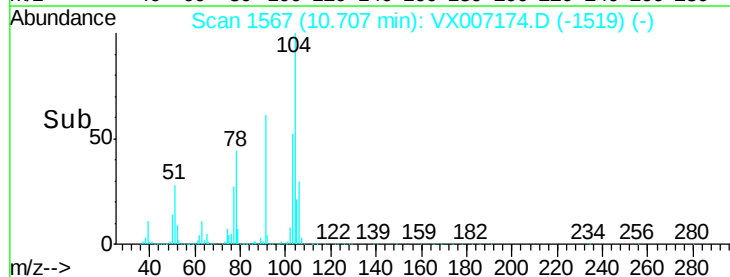
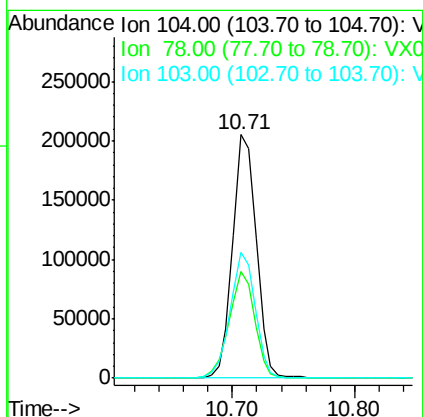
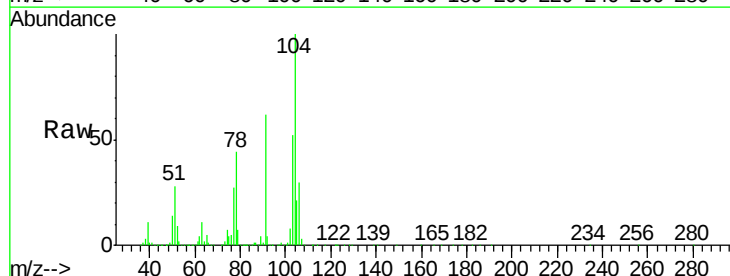
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

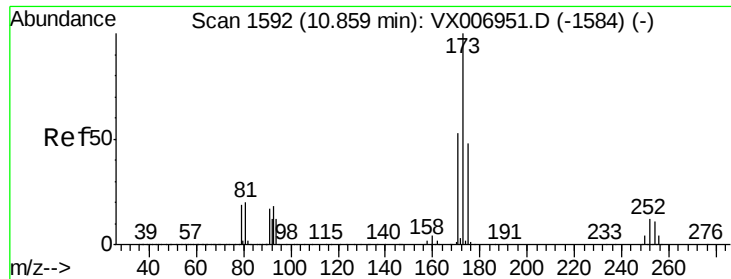
Tot Ion:106 Resp: 167318
Ion Ratio Lower Upper
106 100
91 208.1 101.3 303.7



#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:104 Resp: 274899
Ion Ratio Lower Upper
104 100
78 47.1 37.7 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

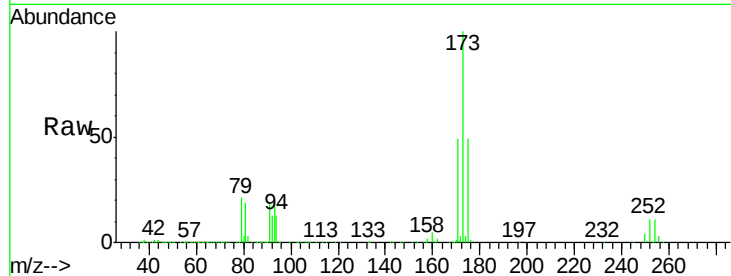
Tot Ion:173 Resp: 64195

Ion Ratio Lower Upper

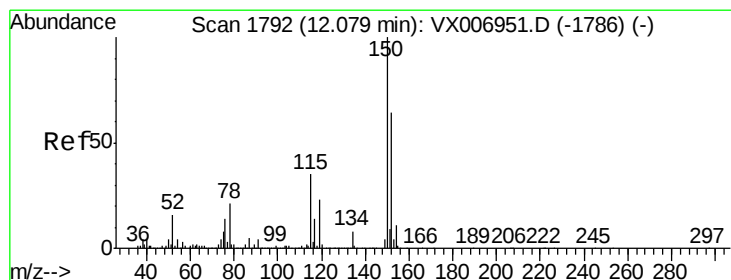
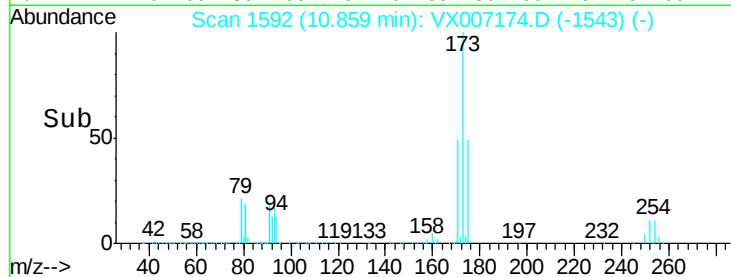
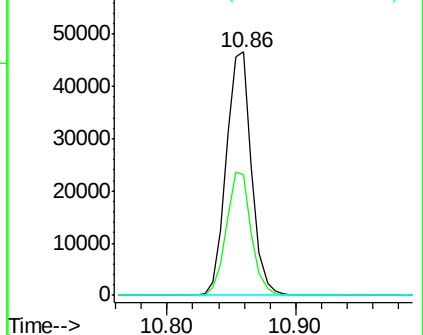
173 100

175 50.1 24.7 74.1

254 0.2 0.2 0.2



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

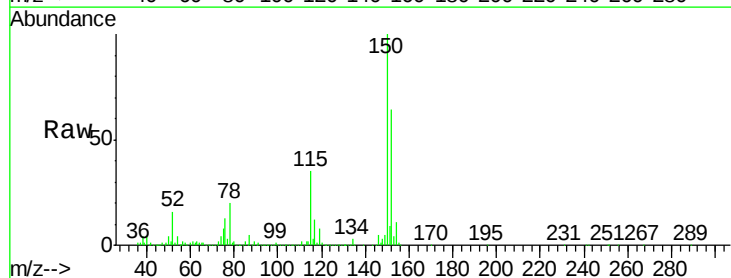
Tgt Ion:152 Resp: 348857

Ion Ratio Lower Upper

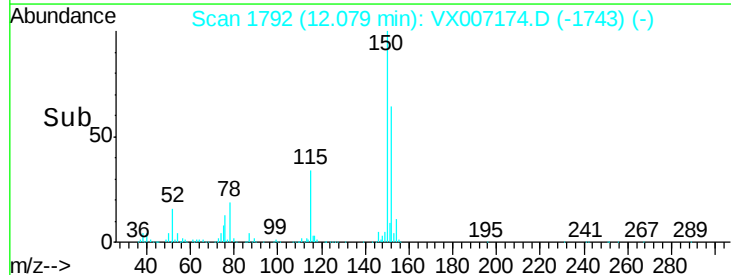
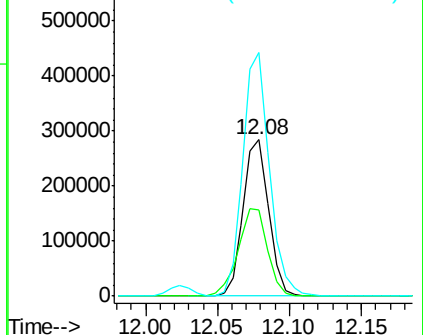
152 100

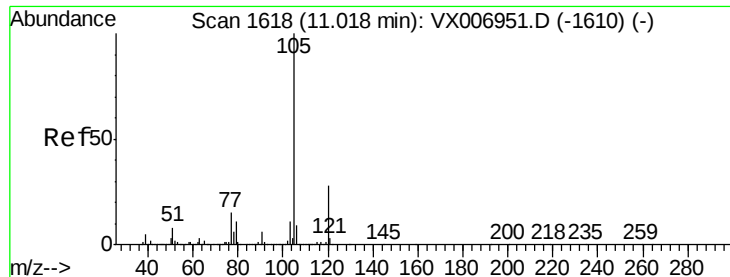
115 63.8 39.1 117.2

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 :

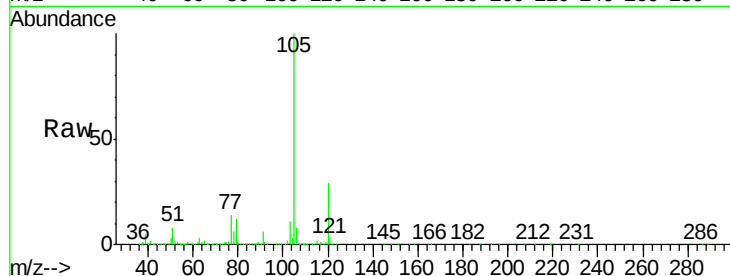
VX0122WBS01

Tot Ion:105 Resp: 452637

Ion Ratio Lower Upper

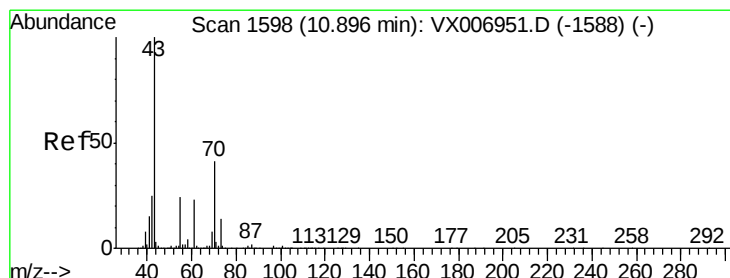
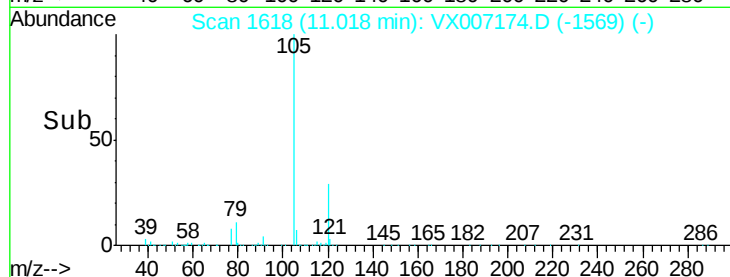
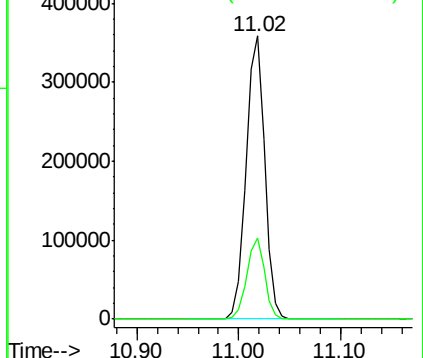
105 100

120 27.6 14.1 42.4



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

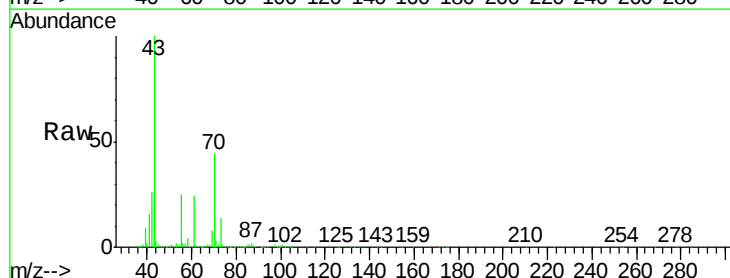
Ion Ratio Lower Upper

43 100

70 44.0 35.8 53.8

55 25.8 19.4 29.0

61 24.2 20.1 30.1

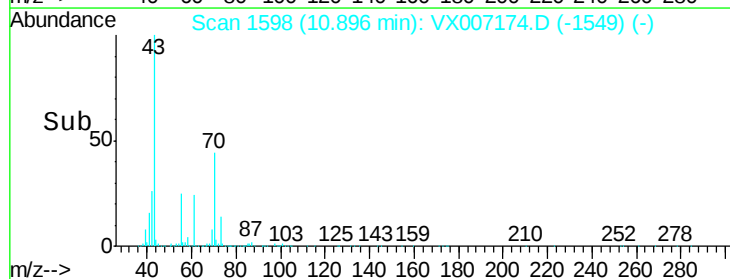
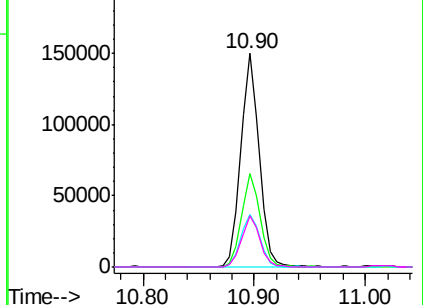


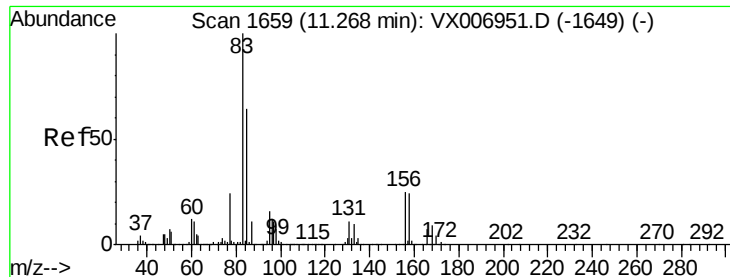
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

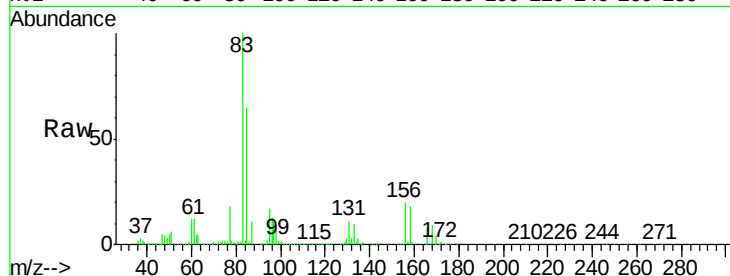
Tot Ion: 83 Resp: 141737

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

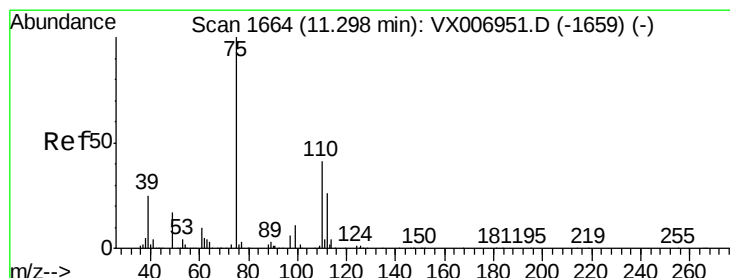
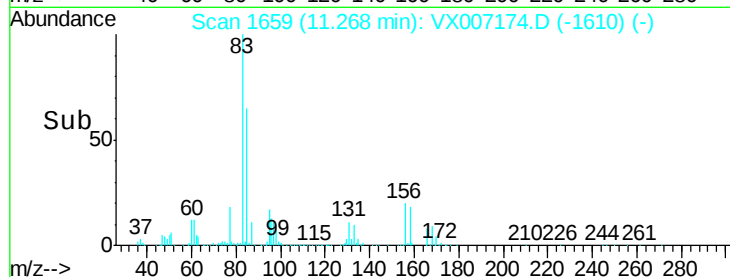
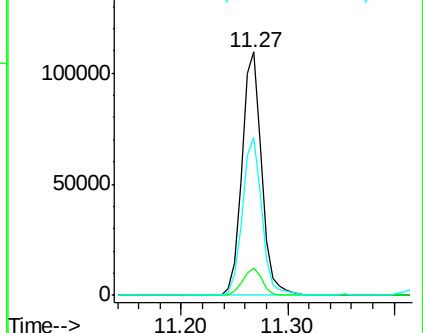
85 64.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.067 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007174.D

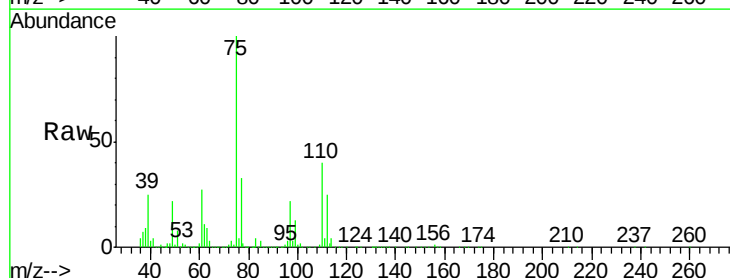
Acq: 22 Jan 2019 11:48

Tgt Ion: 75 Resp: 148929

Ion Ratio Lower Upper

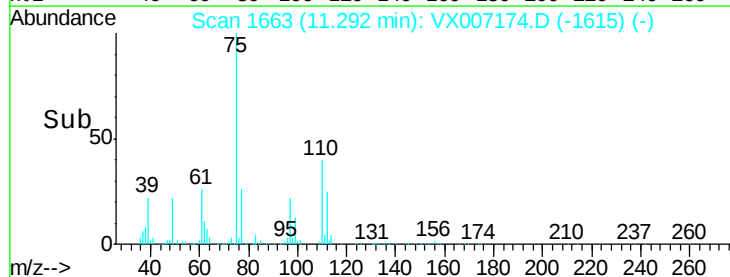
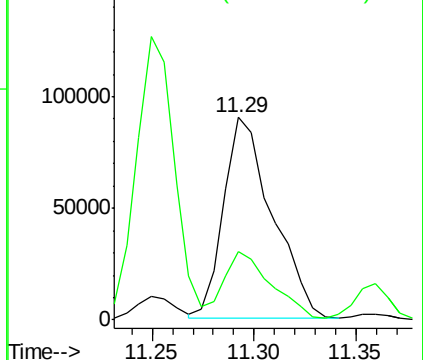
75 100

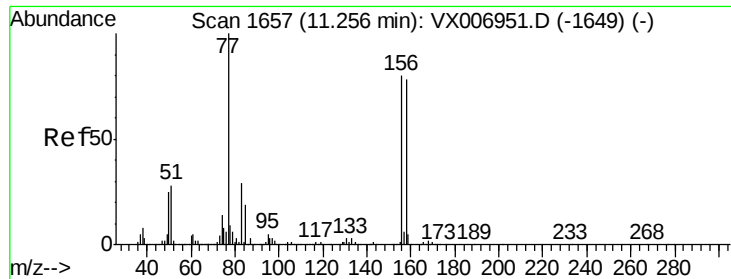
77 33.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#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

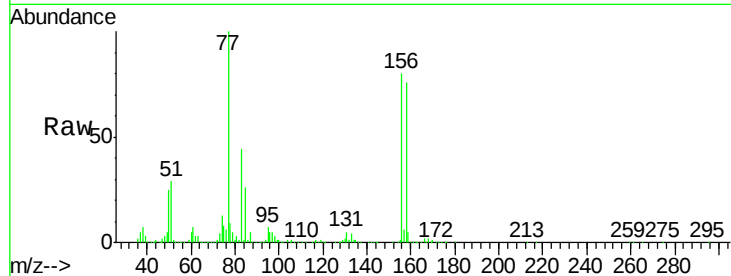
Tot Ion:156 Resp: 124126

Ion Ratio Lower Upper

156 100

77 133.0 68.0 204.0

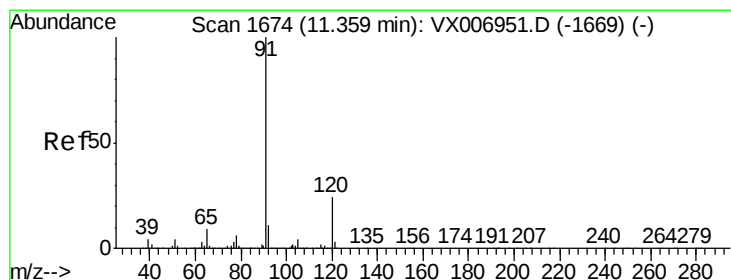
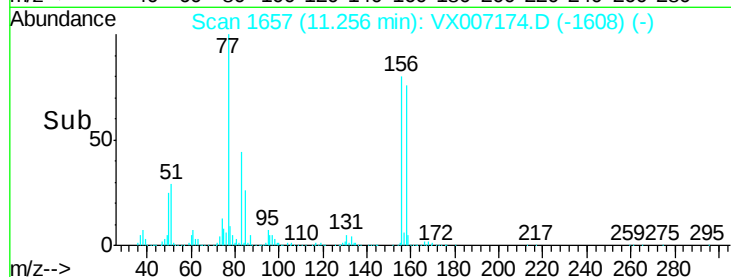
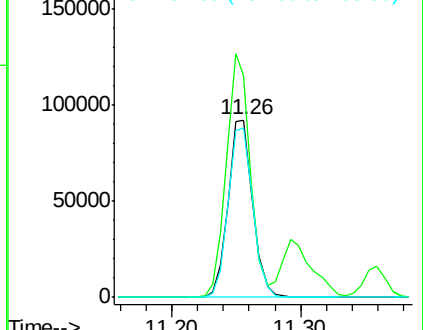
158 96.4 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.877 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007174.D

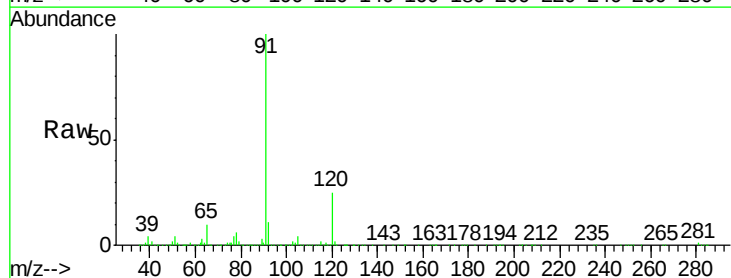
Acq: 22 Jan 2019 11:48

Tgt Ion: 91 Resp: 509766

Ion Ratio Lower Upper

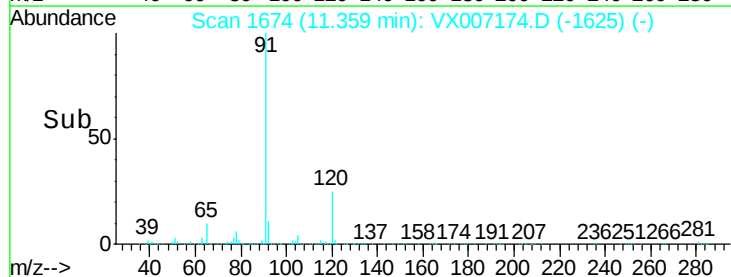
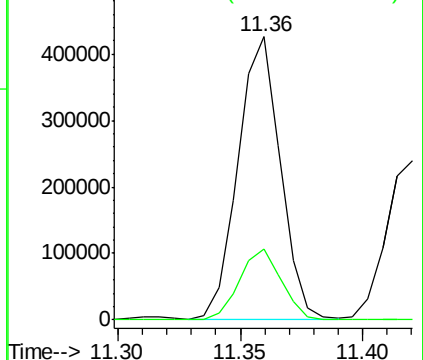
91 100

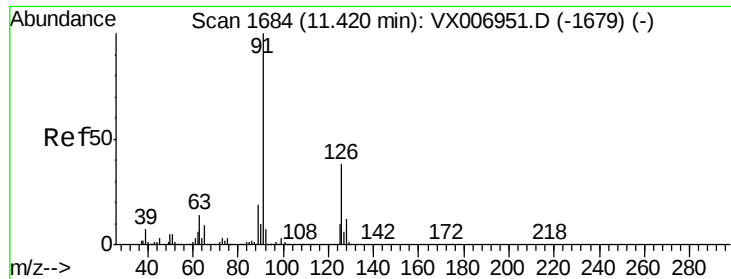
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#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

ClientSampleId :

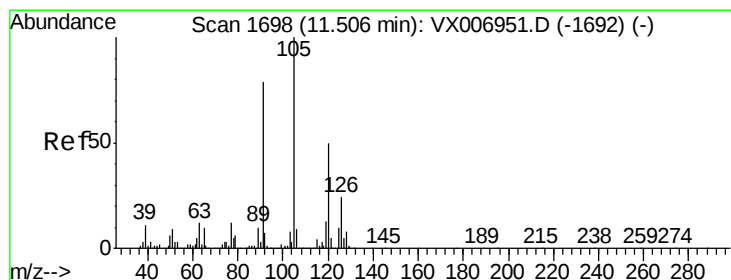
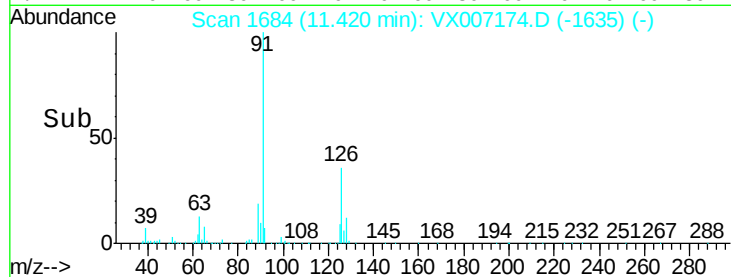
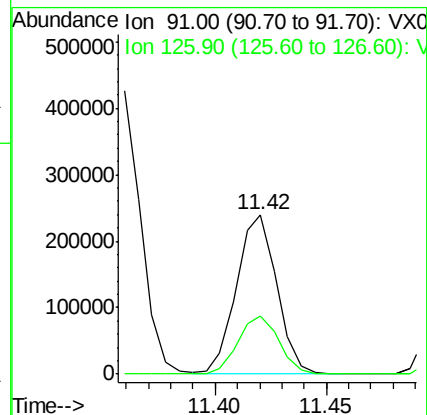
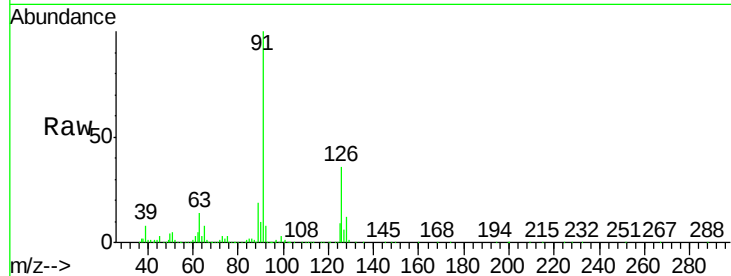
VX0122WBS01

Tot Ion: 91 Resp: 300305

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0



#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

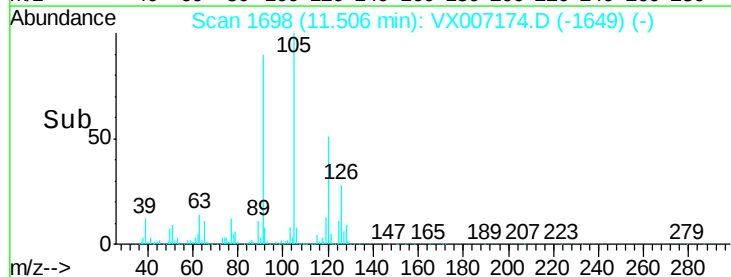
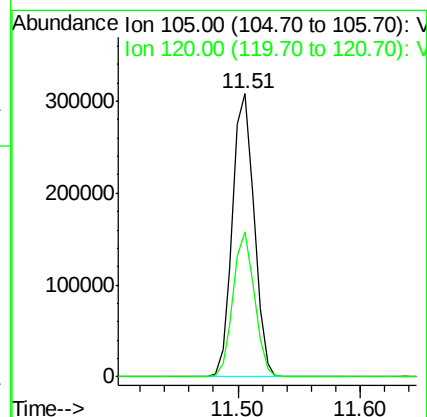
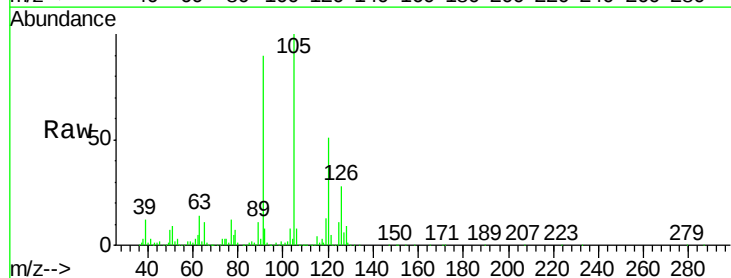
Acq: 22 Jan 2019 11:48

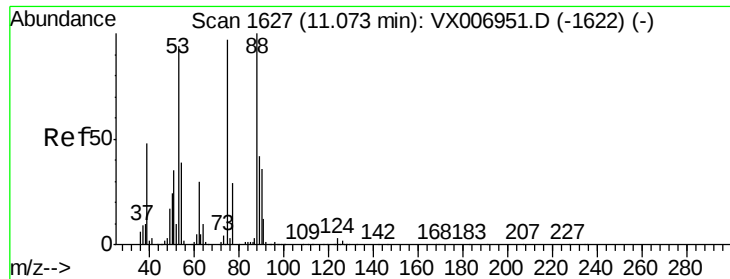
Tgt Ion: 105 Resp: 376272

Ion Ratio Lower Upper

105 100

120 50.4 25.1 75.3

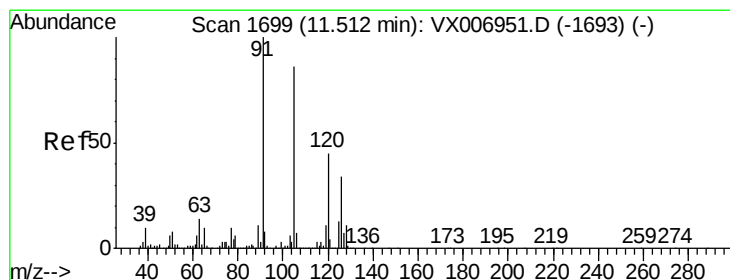
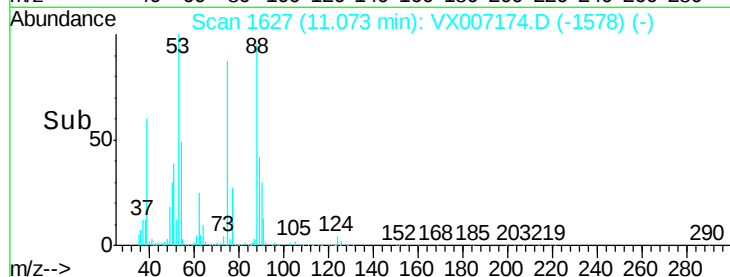
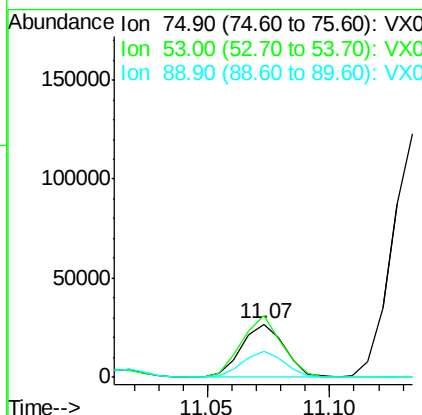
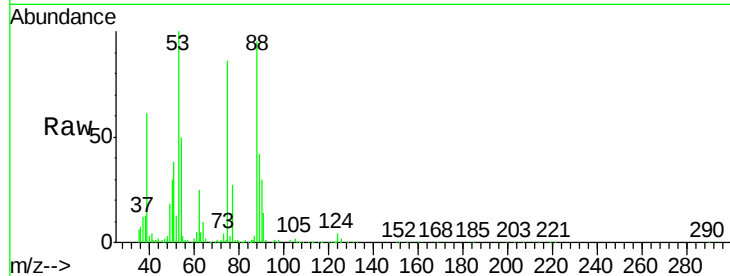




#81
trans-1,4-Dichloro-2-butene
Concen: 16.625 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

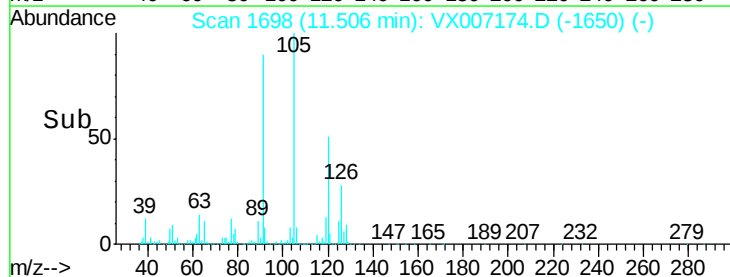
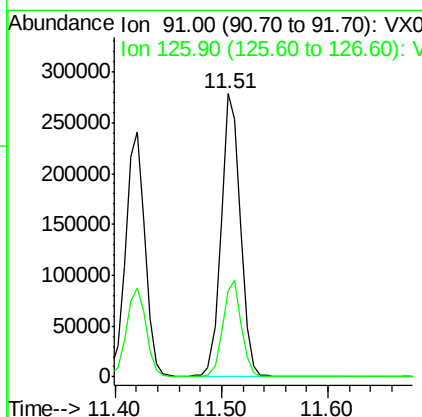
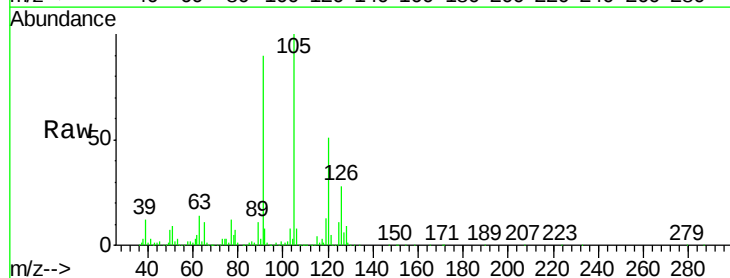
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

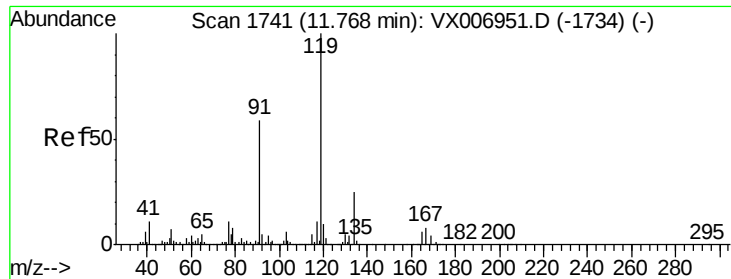
Tot Ion: 75 Resp: 32547
Ion Ratio Lower Upper
75 100
53 110.4 79.7 119.5
89 49.0 38.0 57.0



#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: 91 Resp: 349030
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

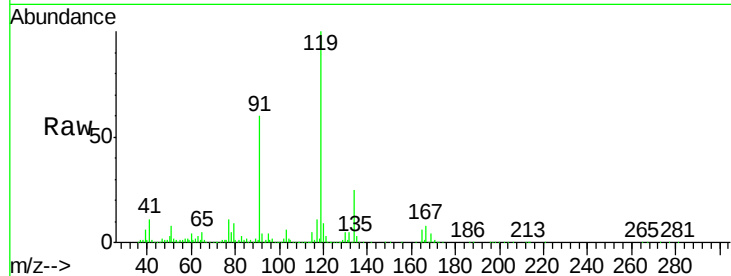
Tot Ion:119 Resp: 374539

Ion Ratio Lower Upper

119 100

91 56.1 27.7 83.1

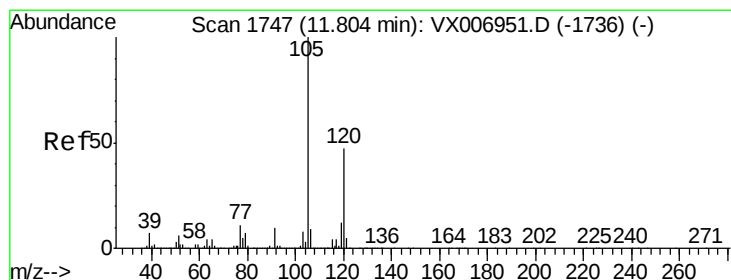
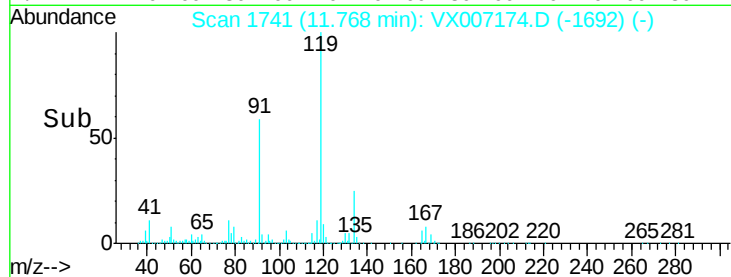
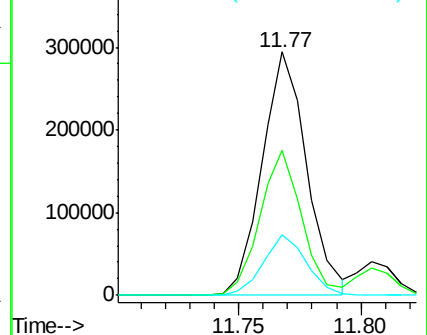
134 24.3 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#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

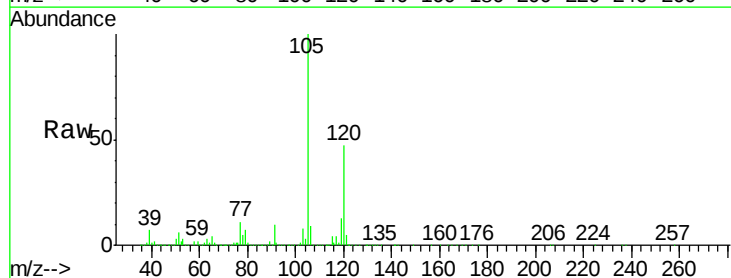
Acq: 22 Jan 2019 11:48

Tgt Ion:105 Resp: 384577

Ion Ratio Lower Upper

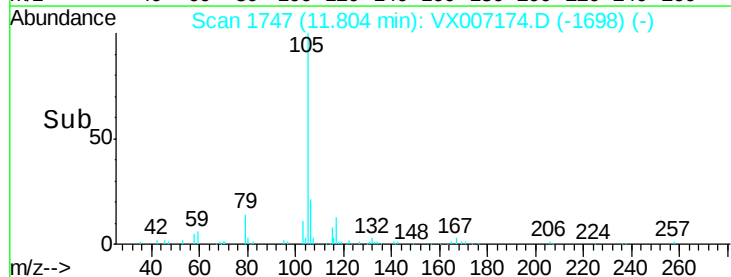
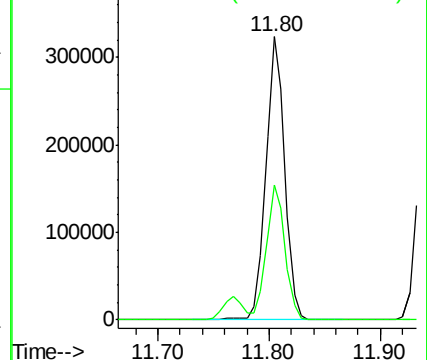
105 100

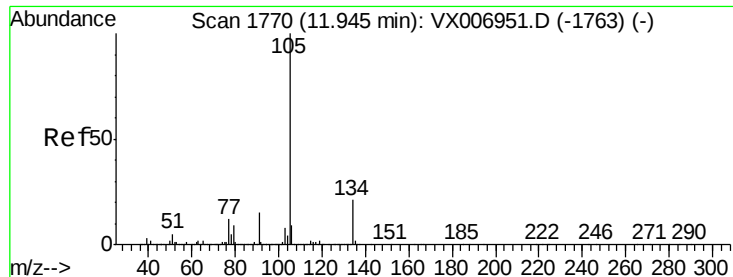
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#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 :

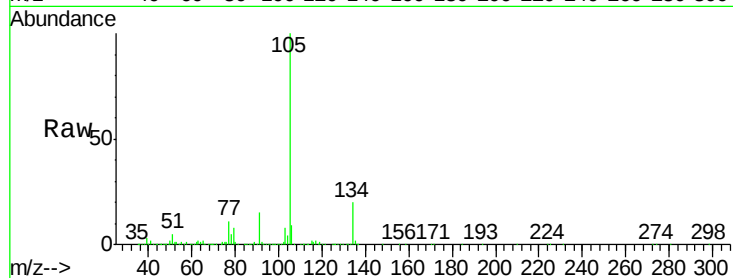
VX0122WBS01

Tot Ion:105 Resp: 468847

Ion Ratio Lower Upper

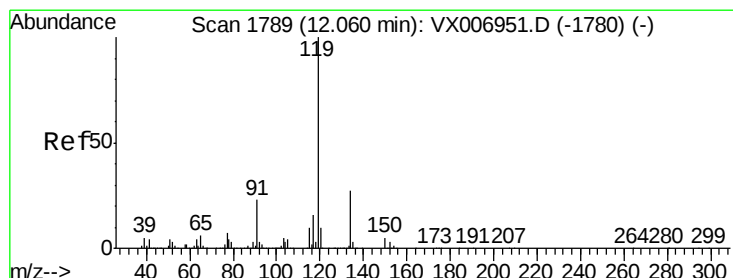
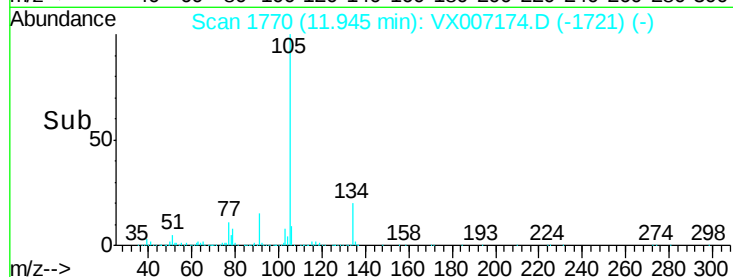
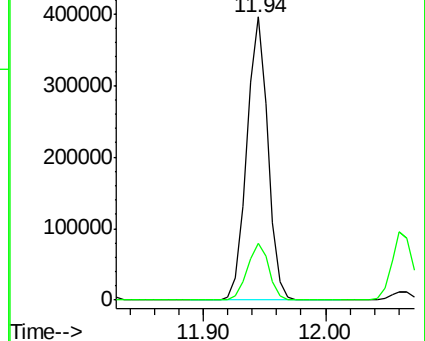
105 100

134 20.6 10.7 31.9



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

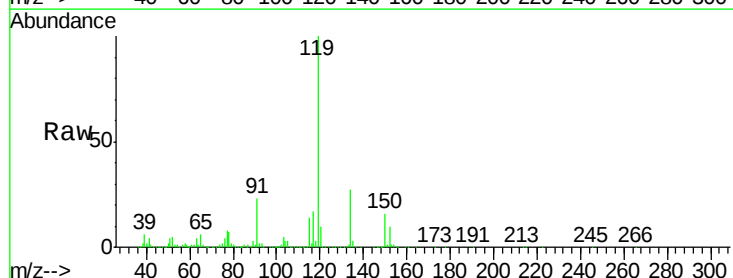
Tgt Ion:119 Resp: 414284

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

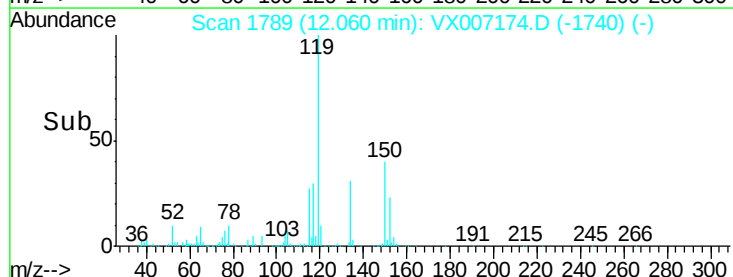
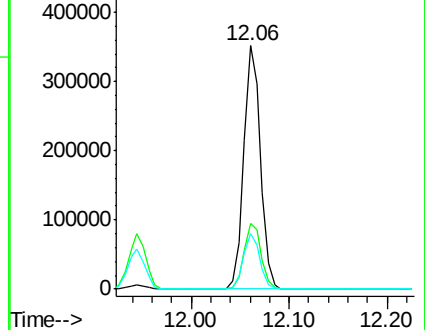
91 22.7 11.3 33.9



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

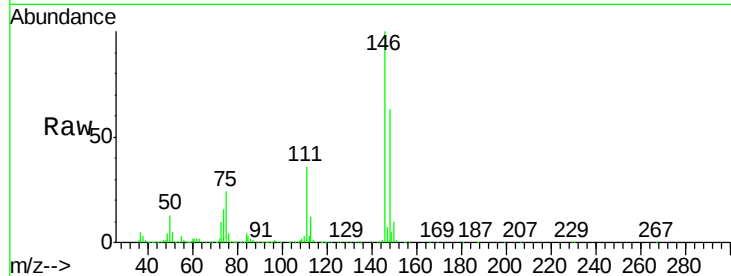
Tot Ion:146 Resp: 229068

Ion Ratio Lower Upper

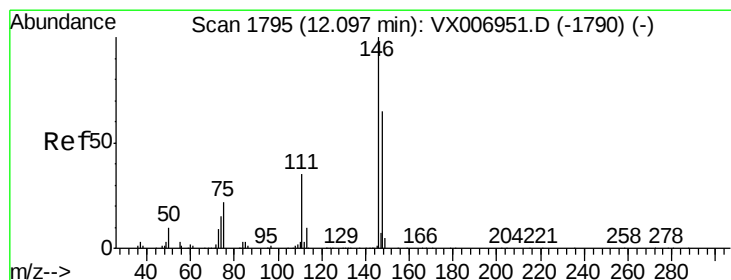
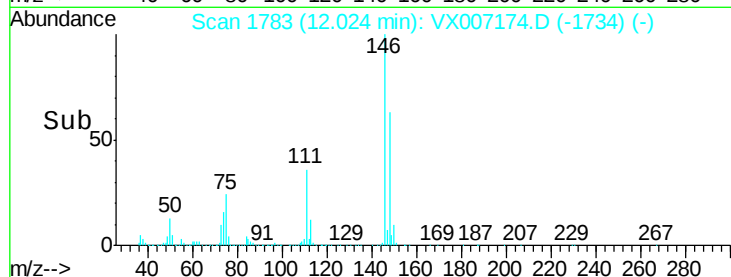
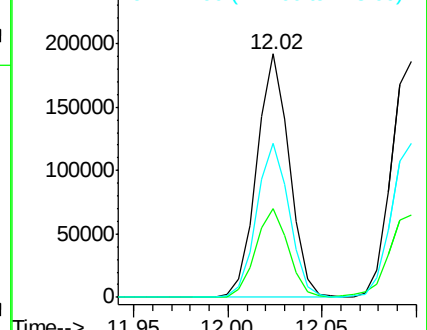
146 100

111 36.8 18.6 55.8

148 63.5 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#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

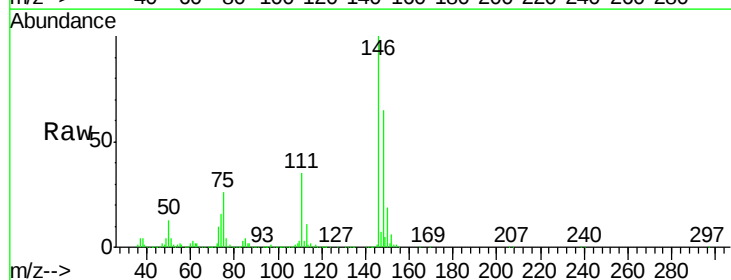
Tgt Ion:146 Resp: 233789

Ion Ratio Lower Upper

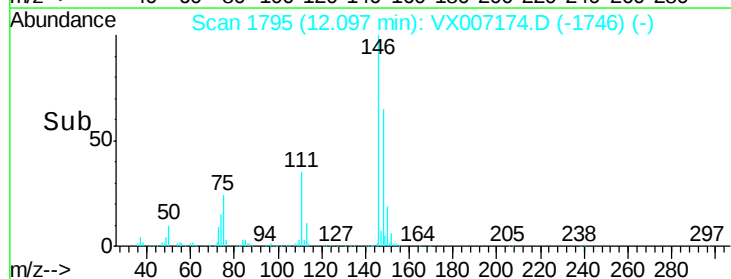
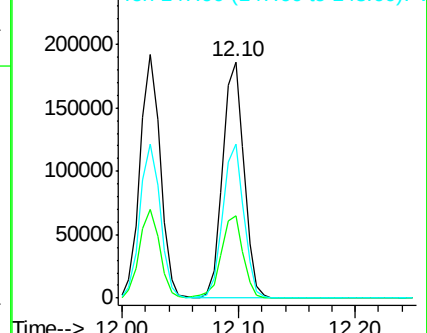
146 100

111 36.1 18.1 54.1

148 64.5 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

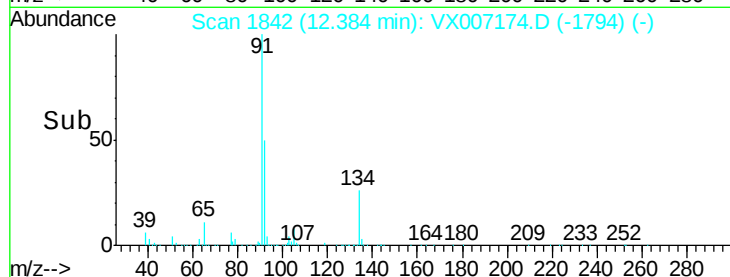
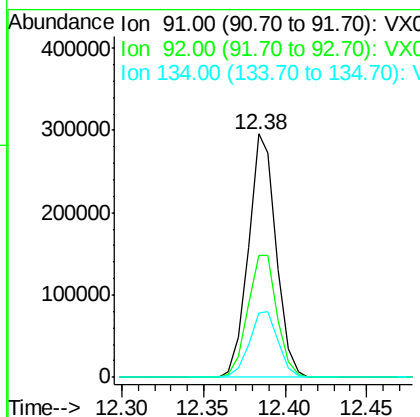
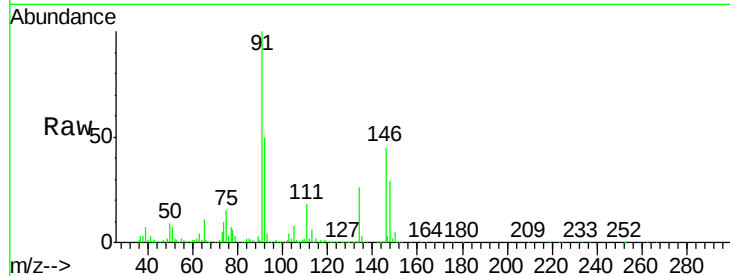




#89
n-Butylbenzene
Concen: 18.767 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007174.D
Acq: 22 Jan 2019 11:48

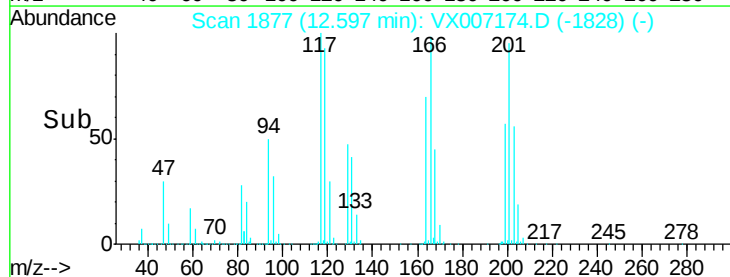
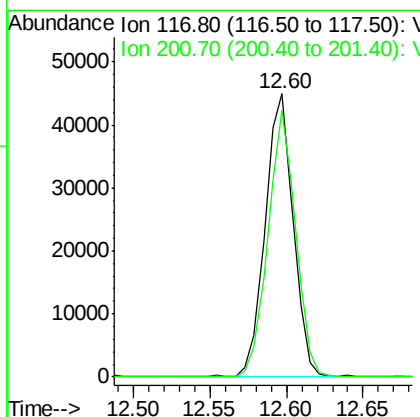
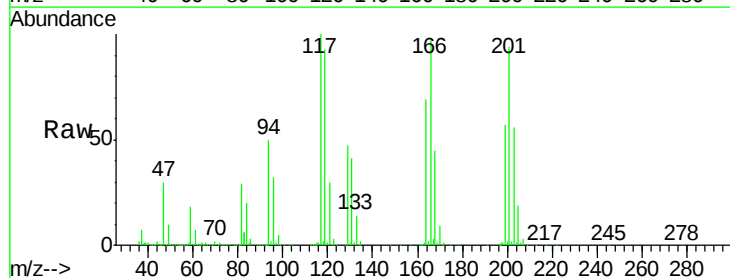
Instrument :
MSVOA_X
ClientSampleId :
VX0122WBS01

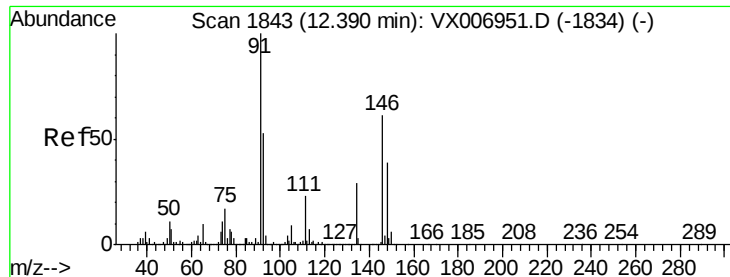
Tot Ion: 91 Resp: 350477
Ion Ratio Lower Upper
91 100
92 53.0 26.8 80.4
134 28.2 14.4 43.2



#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: 117 Resp: 57552
Ion Ratio 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

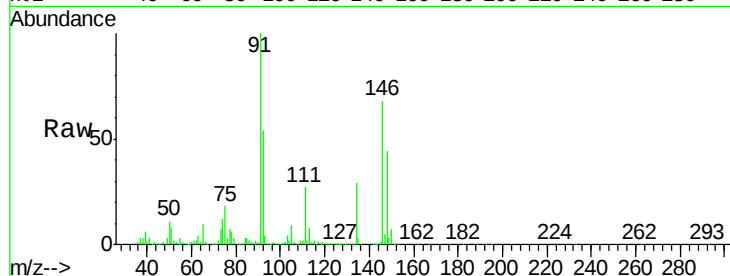
Tot Ion:146 Resp: 226518

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

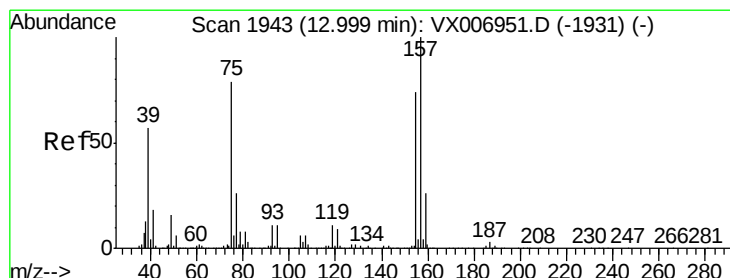
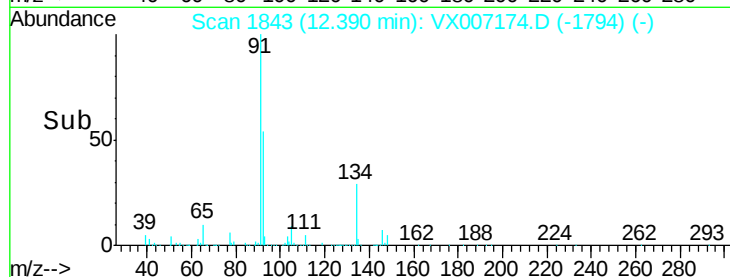
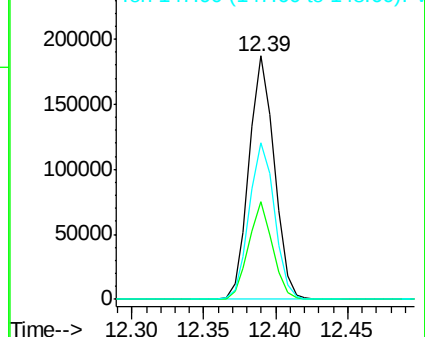
148 64.5 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#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

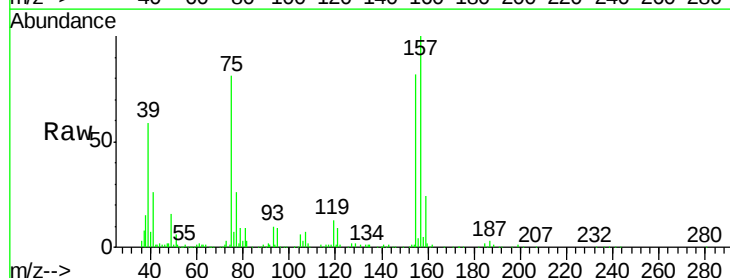
Tgt Ion: 75 Resp: 25985

Ion Ratio Lower Upper

75 100

155 104.9 50.6 151.8

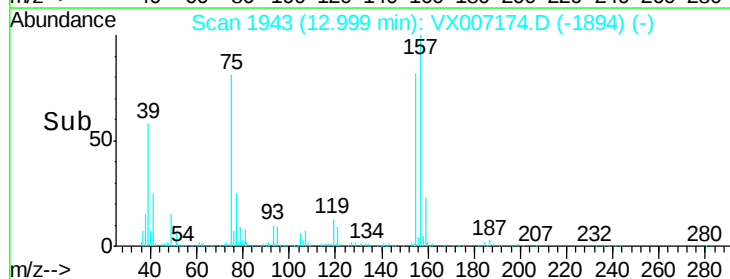
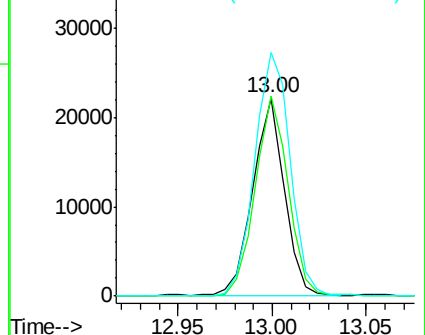
157 137.4 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

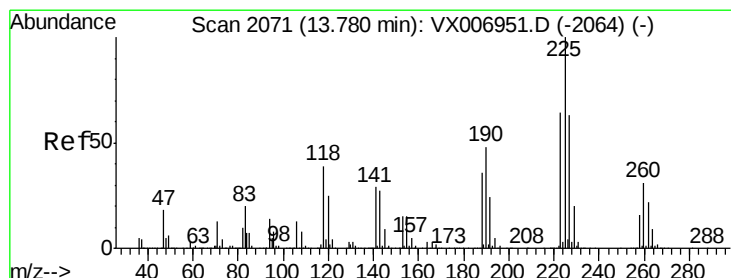
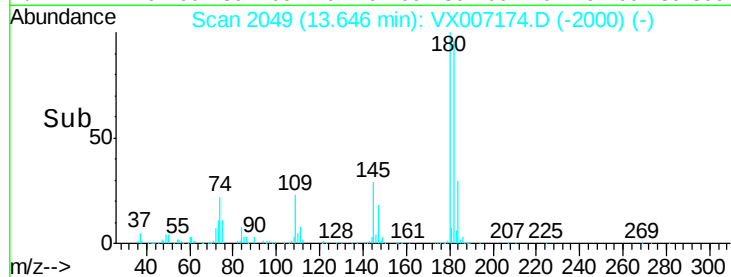
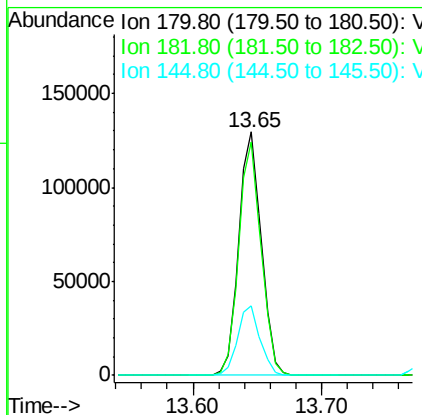
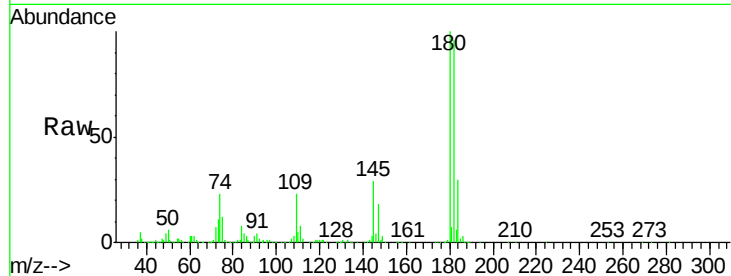




#93
 1,2,4-Trichlorobenzene
 Concen: 18.997 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007174.D
 Acq: 22 Jan 2019 11:48

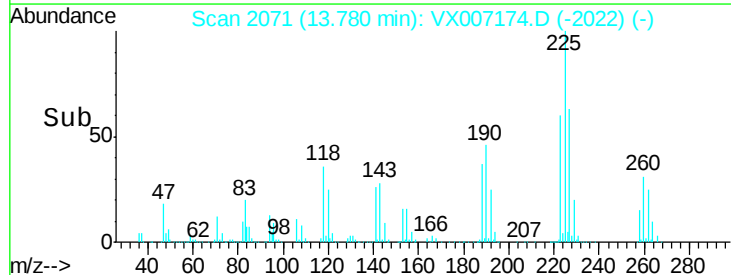
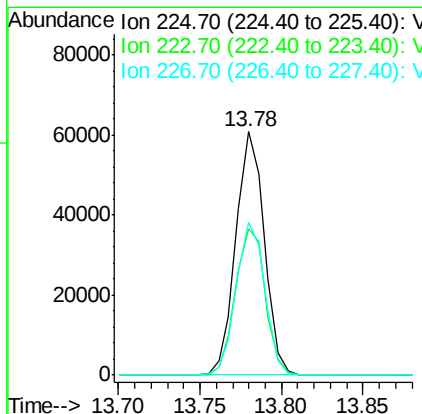
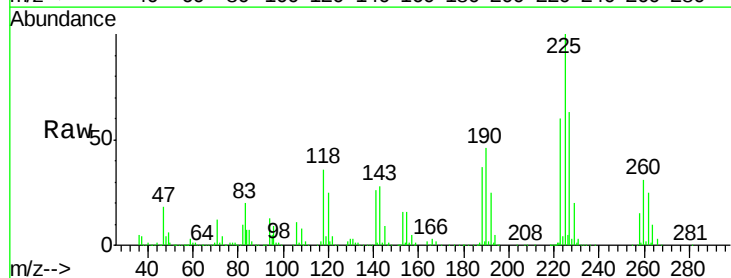
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0122WBS01

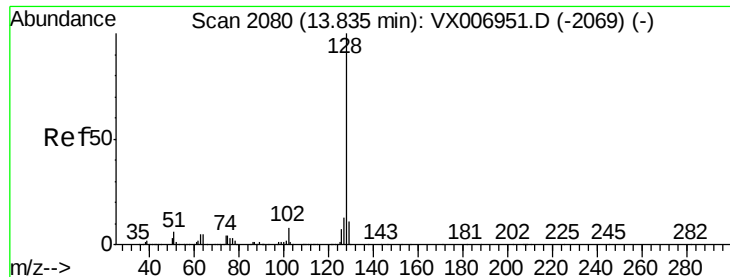
Tot Ion:180 Resp: 157573
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.3 142.0
 145 28.7 14.8 44.3



#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:225 Resp: 74162
 Ion Ratio Lower Upper
 225 100
 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

ClientSampleId :

VX0122WBS01

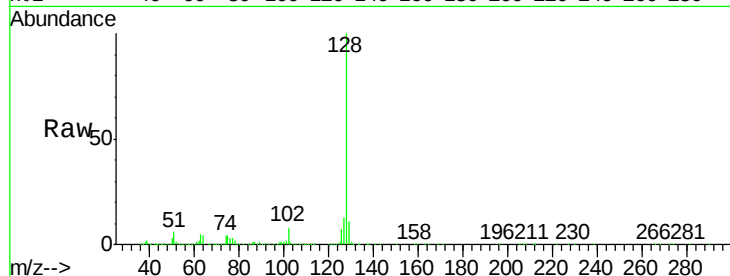
Tot Ion:128 Resp: 460315

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

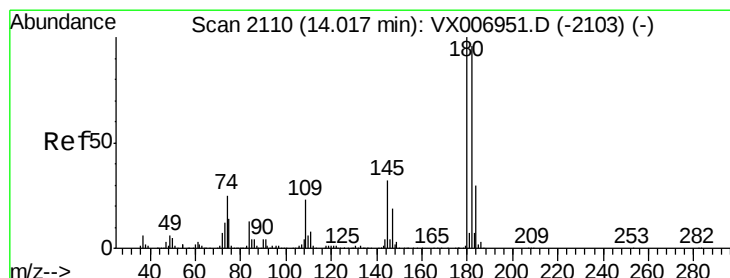
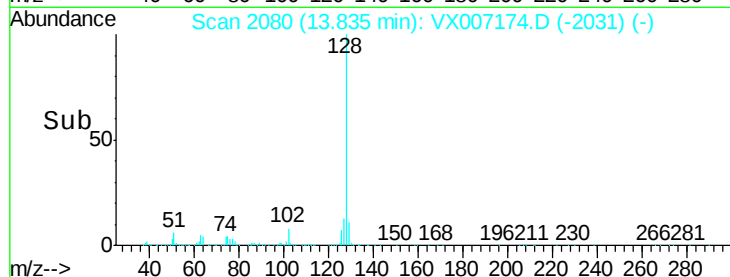
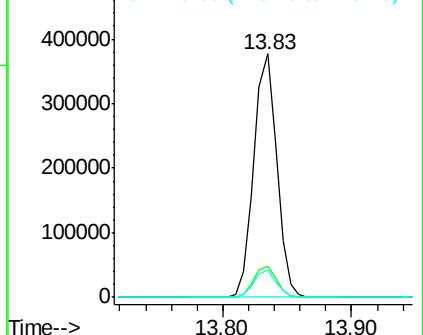
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#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

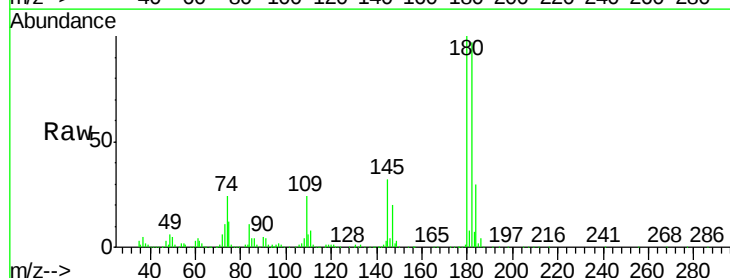
Tgt Ion:180 Resp: 156540

Ion Ratio Lower Upper

180 100

182 96.3 48.5 145.5

145 30.7 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

