

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
 Data File : VX007157.D
 Acq On : 21 Jan 2019 14:29
 Operator : JC/SP
 Sample : VX0121WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Quant Time: Jan 22 00:06:26 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	456814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	677604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	630516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	331312	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	240584	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
35) Dibromofluoromethane	5.50	113	214900	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
50) Toluene-d8	8.71	98	795410	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
62) 4-Bromofluorobenzene	11.13	95	297116	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67458	17.982	ug/l	98
3) Chloromethane	1.33	50	76866	17.601	ug/l	96
4) Vinyl Chloride	1.41	62	81920	17.439	ug/l	96
5) Bromomethane	1.64	94	84687	16.873	ug/l	96
6) Chloroethane	1.72	64	52452	15.991	ug/l	99
7) Trichlorofluoromethane	1.93	101	131939	17.383	ug/l	94
8) Diethyl Ether	2.19	74	52022	17.227	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	80829	17.787	ug/l	99
10) Methyl Iodide	2.51	142	102289	16.687	ug/l	98
11) Tert butyl alcohol	3.07	59	98593	87.547	ug/l	100
12) 1,1-Dichloroethene	2.38	96	71956	17.139	ug/l	93
13) Acrolein	2.29	56	57501	120.011	ug/l	100
14) Allyl chloride	2.73	41	122850	17.073	ug/l	99
15) Acrylonitrile	3.15	53	232162	89.801	ug/l	99
16) Acetone	2.45	43	213420	90.426	ug/l	100
17) Carbon Disulfide	2.57	76	148241	13.714	ug/l	99
18) Methyl Acetate	2.78	43	127201	18.611	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	257453	17.667	ug/l	98
20) Methylene Chloride	2.85	84	85198	18.624	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	76544	16.360	ug/l	99
22) Diisopropyl ether	3.87	45	244900	18.104	ug/l	99
23) Vinyl Acetate	3.82	43	970154	85.043	ug/l	100
24) 1,1-Dichloroethane	3.70	63	134402	17.769	ug/l	98
25) 2-Butanone	4.70	43	302590	89.602	ug/l	99
26) 2,2-Dichloropropane	4.59	77	97023	16.681	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	88815	17.210	ug/l	99
28) Bromochloromethane	5.01	49	66023	19.922	ug/l	95
29) Tetrahydrofuran	5.15	42	192305	87.624	ug/l	97
30) Chloroform	5.21	83	142300	17.969	ug/l	98
31) Cyclohexane	5.57	56	111719	16.595	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	117552	17.512	ug/l	98
36) 1,1-Dichloropropene	5.81	75	99184	16.836	ug/l	97
37) Ethyl Acetate	4.85	43	113248	17.931	ug/l	99
38) Carbon Tetrachloride	5.79	117	100395	16.938	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VX0121WBSD01

Quant Time: Jan 22 00:06:26 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)
39) Methylcyclohexane	7.46	83	121881	16.228	ug/l	97
40) Benzene	6.14	78	309732	17.230	ug/l	100
41) Methacrylonitrile	5.06	41	60695	16.681	ug/l	97
42) 1,2-Dichloroethane	6.20	62	109747	17.668	ug/l	100
43) Isopropyl Acetate	6.46	43	170136	17.078	ug/l	99
44) Trichloroethene	7.21	130	89752	16.662	ug/l	98
45) 1,2-Dichloropropane	7.51	63	78565	17.385	ug/l	98
46) Dibromomethane	7.66	93	56669	17.842	ug/l	100
47) Bromodichloromethane	7.90	83	93797	17.350	ug/l	97
48) Methyl methacrylate	7.77	41	88601	17.318	ug/l	97
49) 1,4-Dioxane	7.75	88	43527	367.116	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	605118	94.513	ug/l	99
52) Toluene	8.78	92	203017	17.572	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	98987	16.512	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	113172	17.095	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	86597	18.726	ug/l	96
56) Ethyl methacrylate	9.18	69	120985	17.921	ug/l	93
57) 1,3-Dichloropropane	9.37	76	138035	18.219	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	336108	96.828	ug/l	100
59) 2-Hexanone	9.49	43	461339	94.555	ug/l	97
60) Dibromochloromethane	9.59	129	79782	17.767	ug/l	99
61) 1,2-Dibromoethane	9.67	107	90933	17.861	ug/l	99
64) Tetrachloroethene	9.34	164	97118	17.791	ug/l	94
65) Chlorobenzene	10.14	112	239657	17.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	82240	17.777	ug/l	99
67) Ethyl Benzene	10.25	91	391410	17.241	ug/l	100
68) m/p-Xylenes	10.36	106	310895	34.758	ug/l	100
69) o-Xylene	10.69	106	153781	17.629	ug/l	98
70) Styrene	10.71	104	246918	17.872	ug/l	99
71) Bromoform	10.86	173	58210	17.462	ug/l #	98
73) Isopropylbenzene	11.02	105	406313	17.392	ug/l	99
74) N-amyl acetate	10.90	43	156638	16.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	127873	17.241	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	136591	20.345	ug/l	95
77) Bromobenzene	11.26	156	111820	17.371	ug/l	100
78) n-propylbenzene	11.36	91	450059	17.548	ug/l	100
79) 2-Chlorotoluene	11.42	91	272240	17.634	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	338026	17.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	29209	15.919	ug/l	89
82) 4-Chlorotoluene	11.51	91	314900	17.617	ug/l	100
83) tert-Butylbenzene	11.77	119	331919	17.042	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	345768	17.614	ug/l	100
85) sec-Butylbenzene	11.94	105	408813	17.576	ug/l	100
86) p-Isopropyltoluene	12.06	119	367912	17.683	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199219	17.122	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	199665	18.204	ug/l	99
89) n-Butylbenzene	12.38	91	303204	17.095	ug/l	98
90) Hexachloroethane	12.60	117	50091	17.112	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	198854	17.319	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25312	17.256	ug/l	97

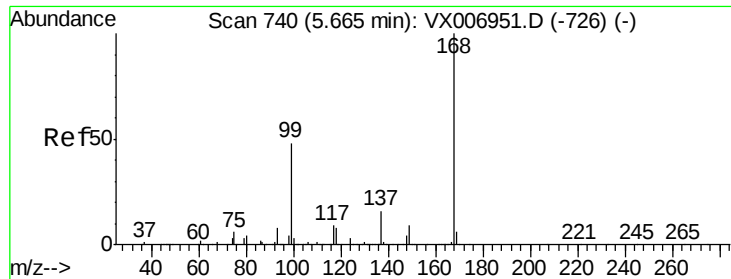
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\
Data File : VX007157.D
Acq On : 21 Jan 2019 14:29
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Sample : VX0121WBSD01
Misc : 5.0mL/MSVOA X/WATER
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Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Quant Time: Jan 22 00:06:26 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	133606	16.960	ug/l	98
94) Hexachlorobutadiene	13.78	225	64826	18.544	ug/l	96
95) Naphthalene	13.83	128	407830	17.085	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	134843	17.231	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

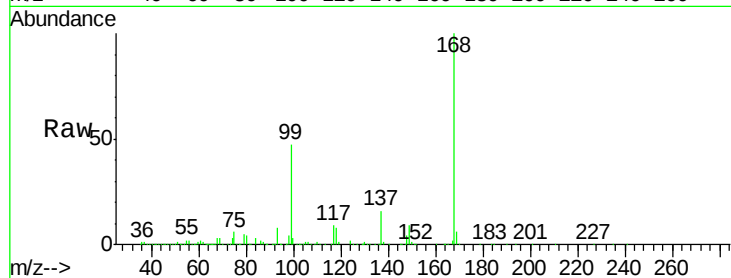
VX0121WBSD01

Tot Ion:168 Resp: 456814

Ion Ratio Lower Upper

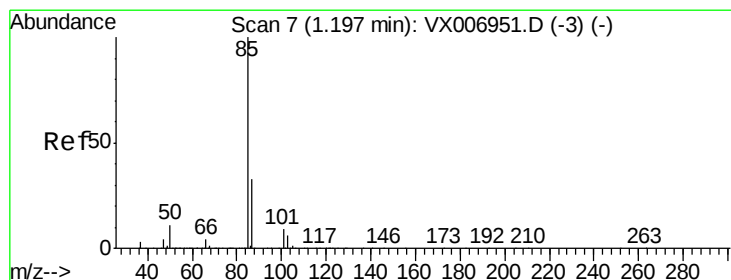
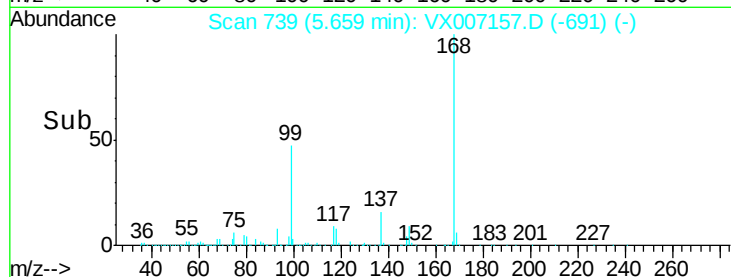
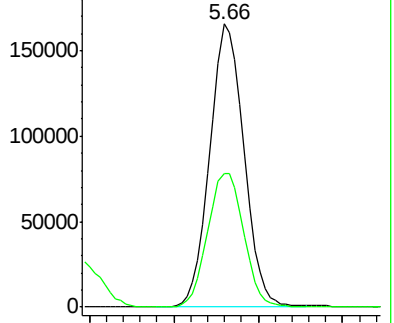
168 100

99 47.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 17.982 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007157.D

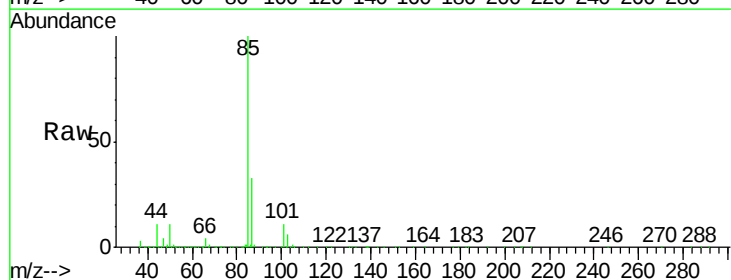
Acq: 21 Jan 2019 14:29

Tgt Ion: 85 Resp: 67458

Ion Ratio Lower Upper

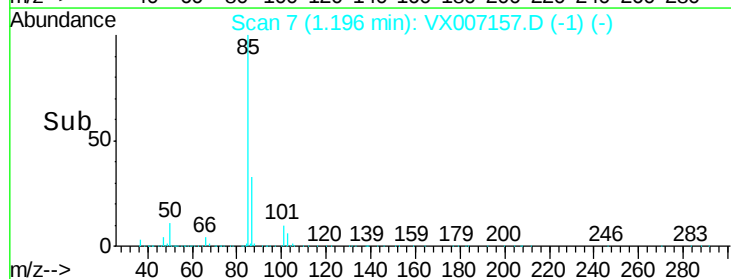
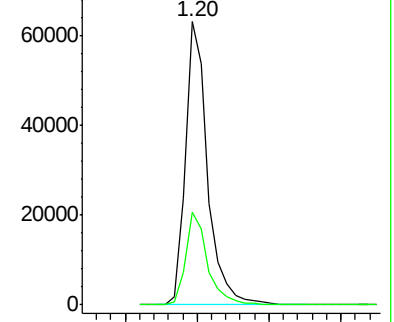
85 100

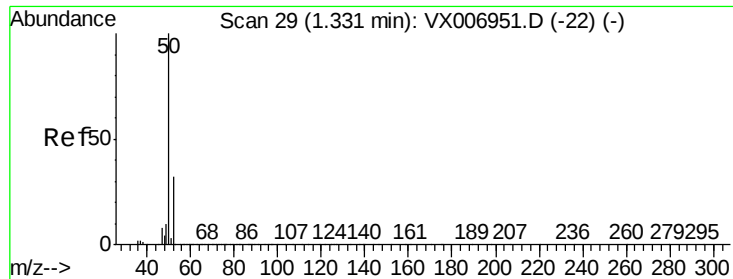
87 32.8 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

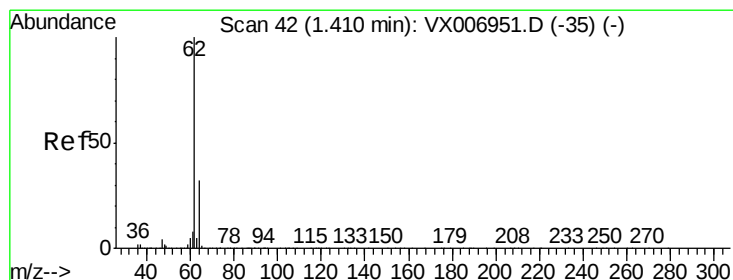
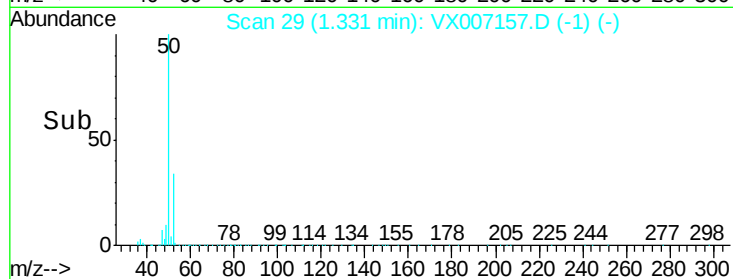
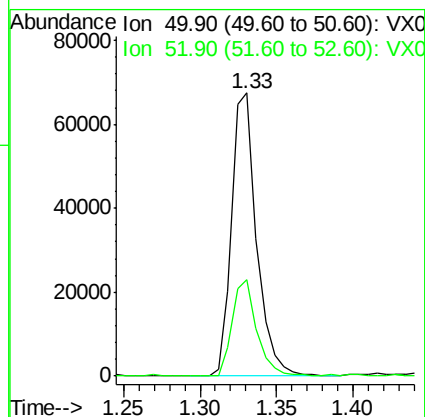
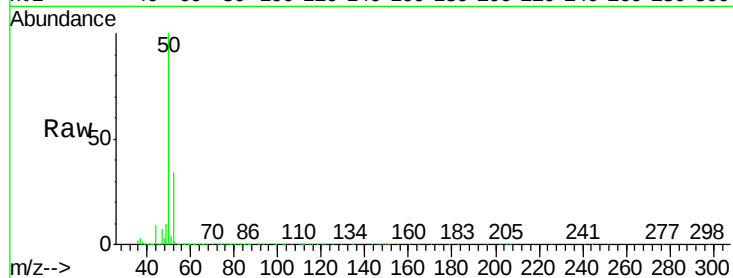




#3
Chloromethane
Concen: 17.601 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

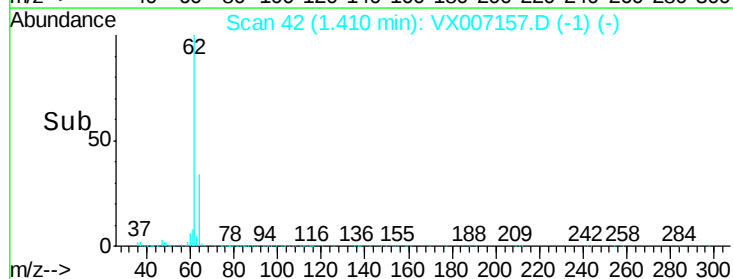
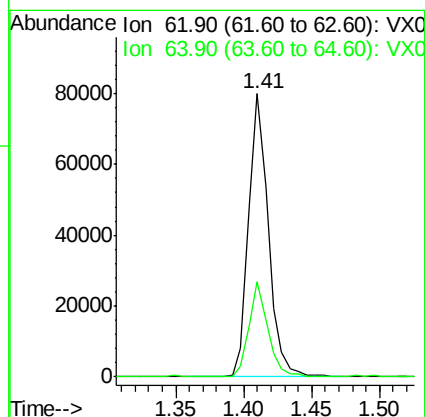
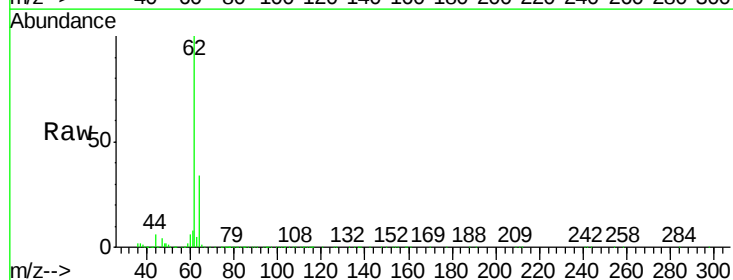
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

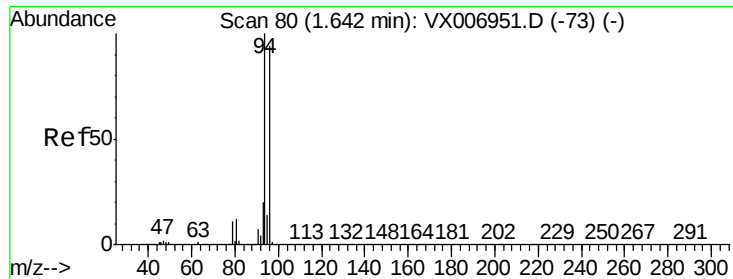
Tot Ion: 50 Resp: 76866
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 17.439 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 62 Resp: 81920
Ion Ratio Lower Upper
62 100
64 33.6 25.1 37.7





#5

Bromomethane

Concen: 16.873 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

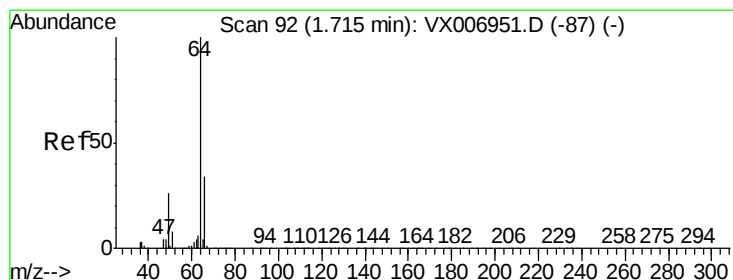
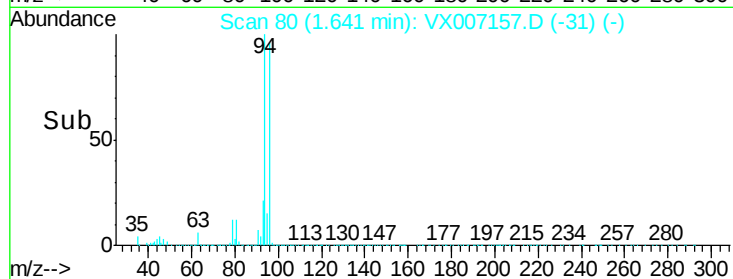
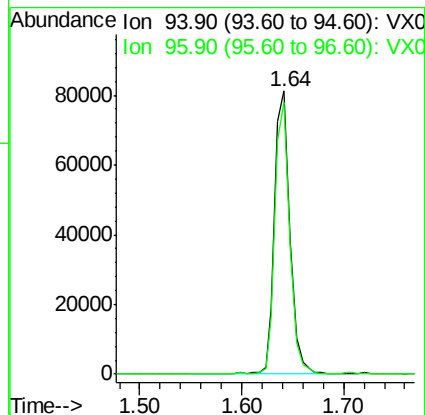
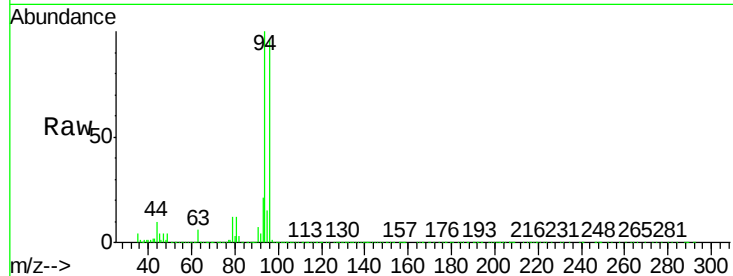
VX0121WBSD01

Tot Ion: 94 Resp: 84687

Ion Ratio Lower Upper

94 100

96 96.0 73.4 110.2



#6

Chloroethane

Concen: 15.991 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007157.D

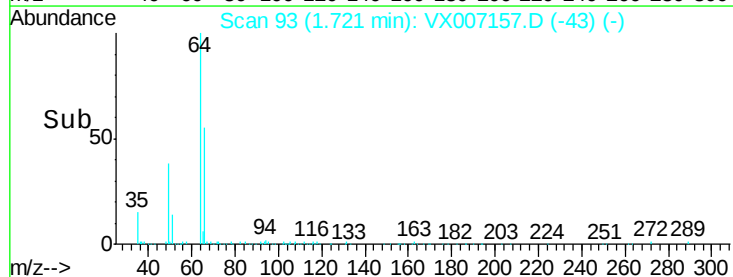
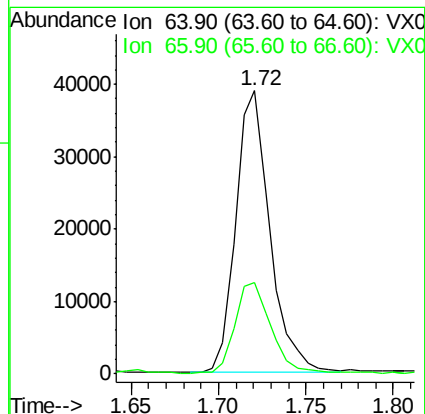
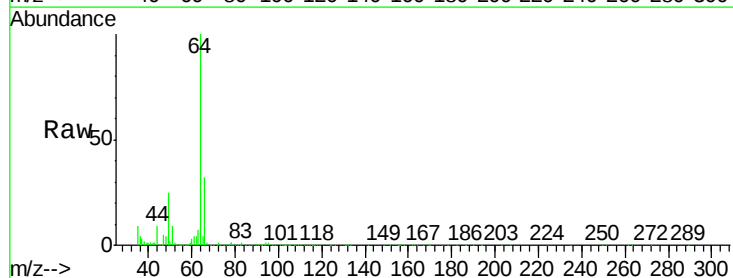
Acq: 21 Jan 2019 14:29

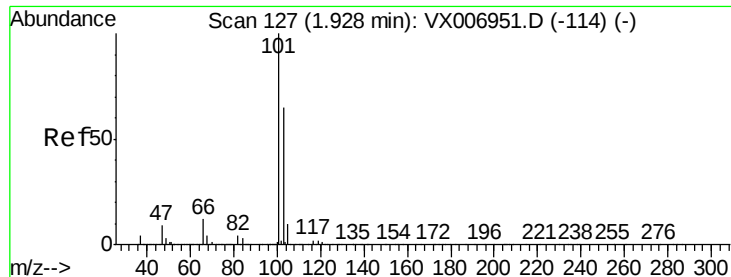
Tgt Ion: 64 Resp: 52452

Ion Ratio Lower Upper

64 100

66 32.5 26.4 39.6



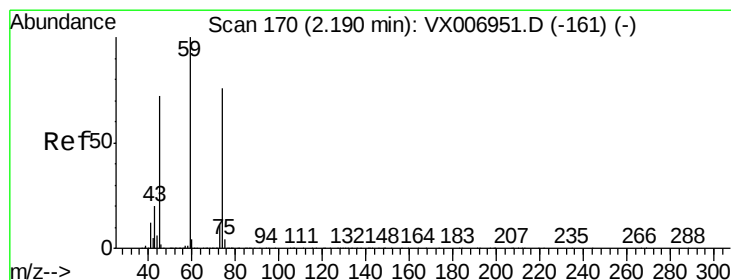
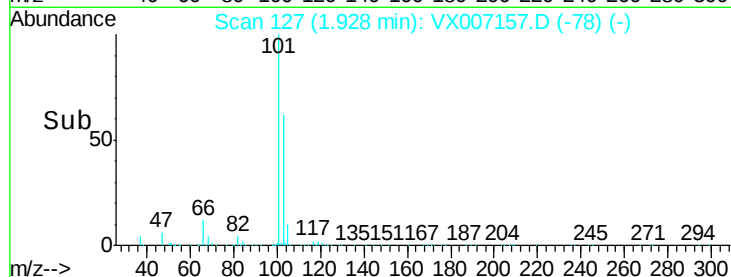
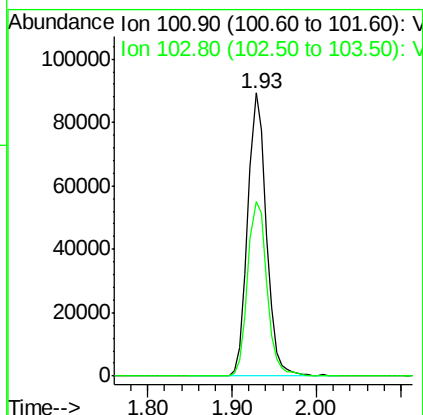
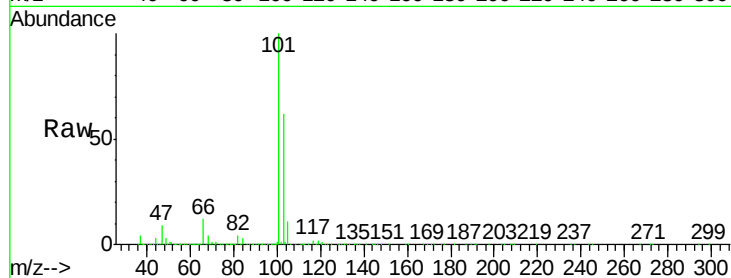


#7

Trichlorofluoromethane
Concen: 17.383 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

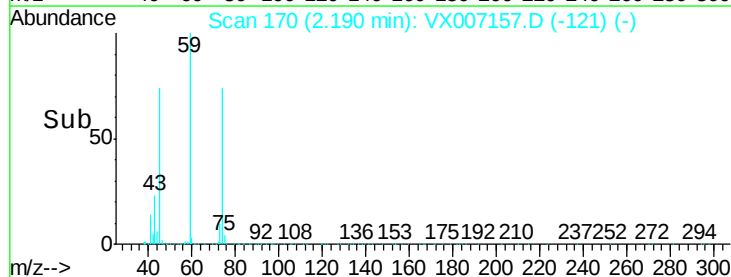
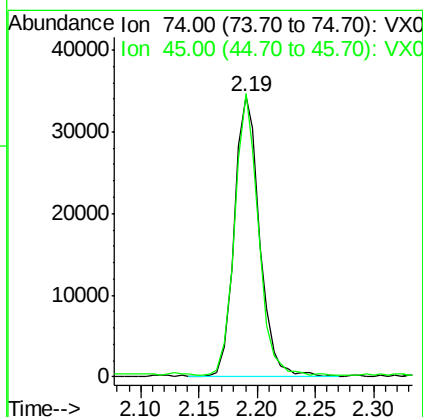
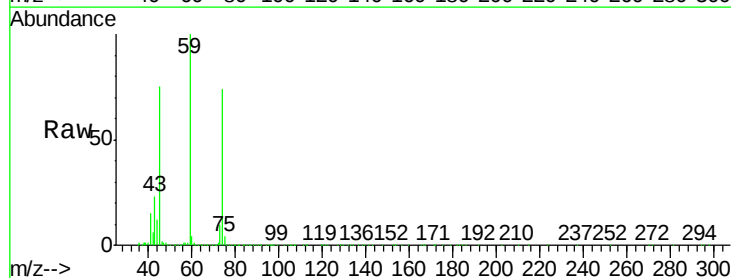
Tot Ion:101 Resp: 131939
Ion Ratio Lower Upper
101 100
103 61.6 53.2 79.8

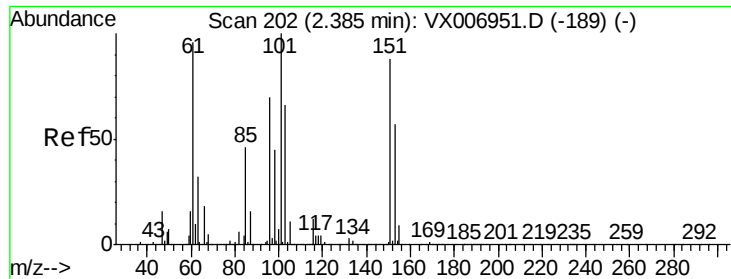


#8

Diethyl Ether
Concen: 17.227 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 74 Resp: 52022
Ion Ratio Lower Upper
74 100
45 94.1 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.787 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

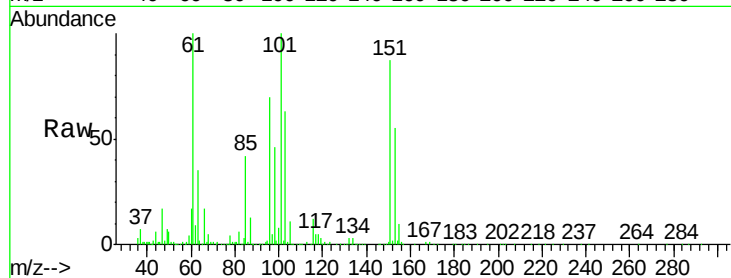
Tot Ion:101 Resp: 80829

Ion Ratio Lower Upper

101 100

85 42.2 35.1 52.7

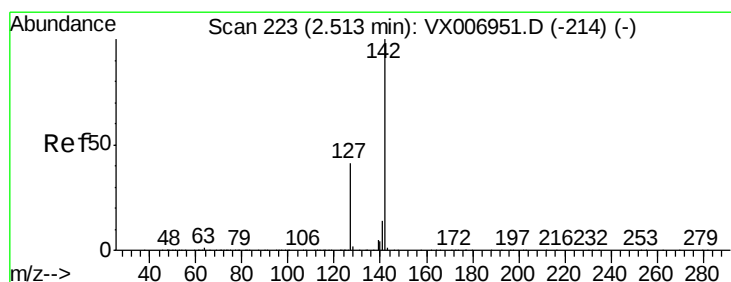
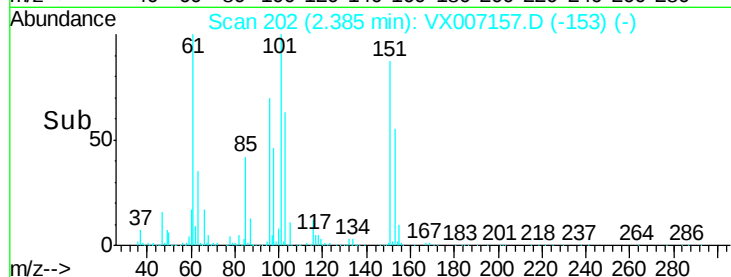
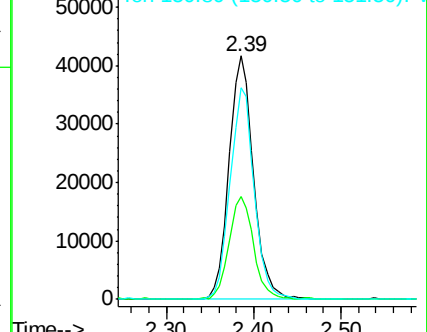
151 85.8 68.9 103.3



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: 16.687 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

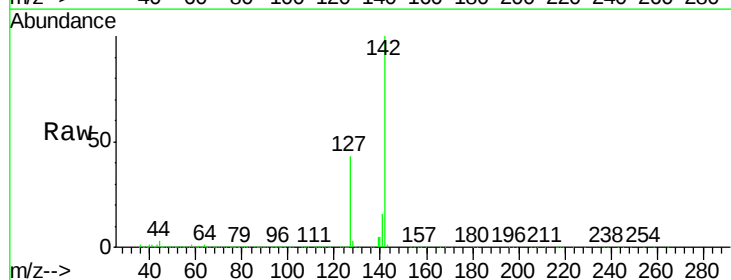
Tgt Ion:142 Resp: 102289

Ion Ratio Lower Upper

142 100

127 43.5 33.9 50.9

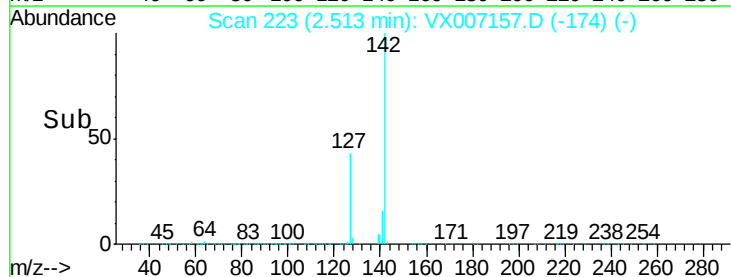
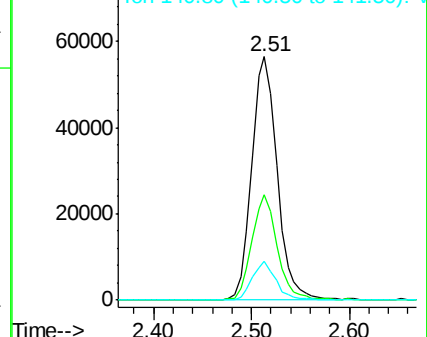
141 15.0 11.4 17.0

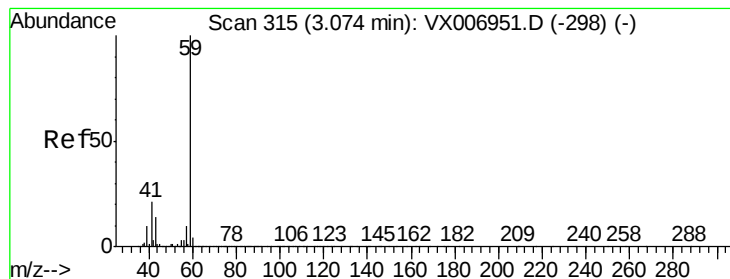


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



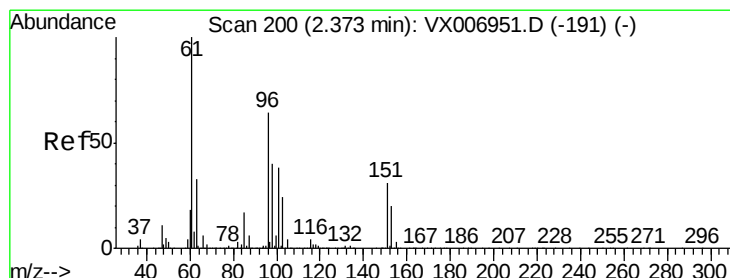
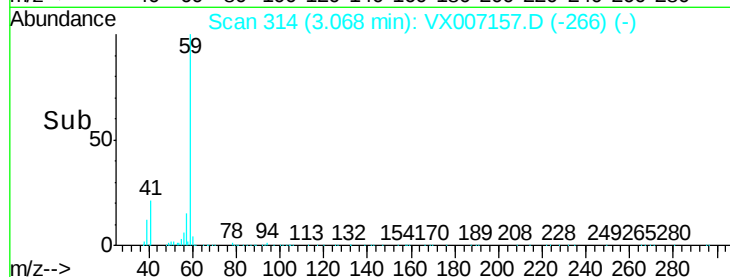
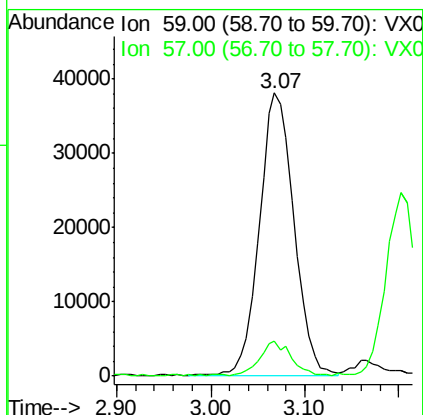
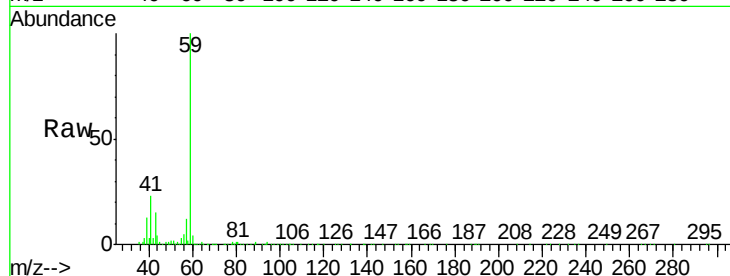


#11

Tert butyl alcohol
Concen: 87.547 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

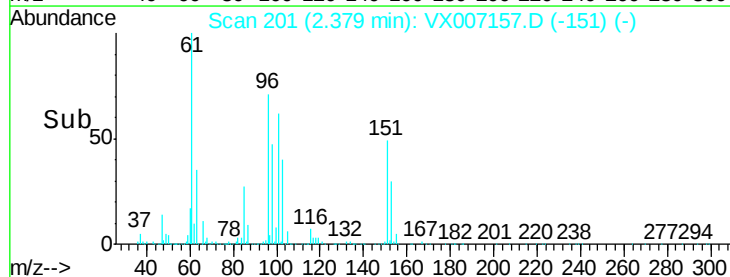
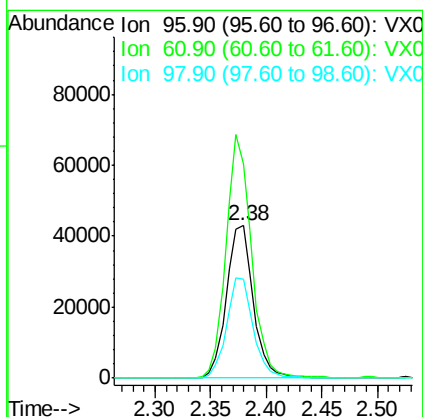
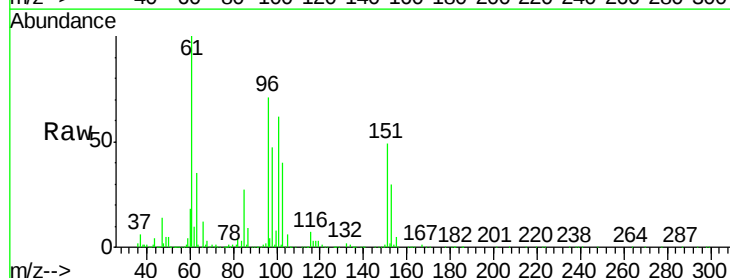
Tot Ion: 59 Resp: 98593
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

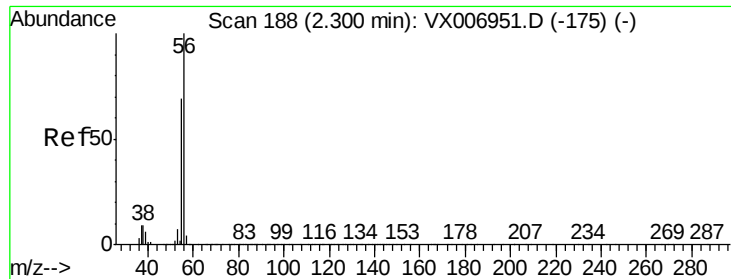


#12

1,1-Dichloroethene
Concen: 17.139 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 96 Resp: 71956
Ion Ratio Lower Upper
96 100
61 140.1 121.4 182.2
98 65.2 51.9 77.9





#13

Acrolein

Concen: 120.011 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

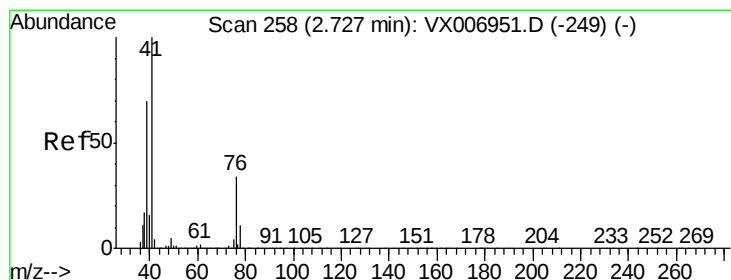
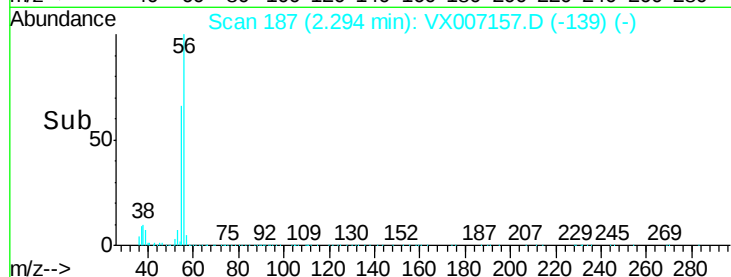
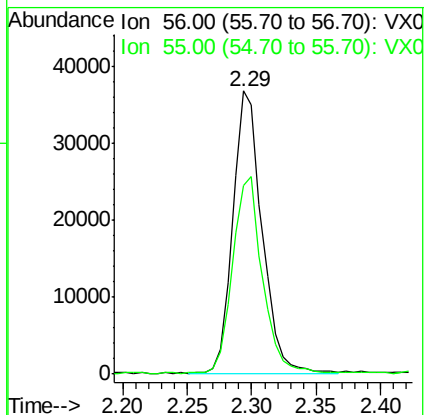
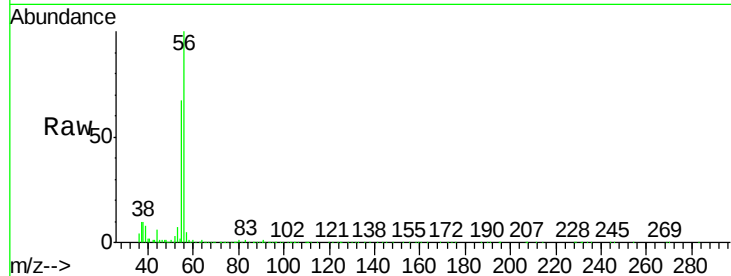
VX0121WBSD01

Tot Ion: 56 Resp: 57501

Ion Ratio Lower Upper

56 100

55 72.8 58.2 87.4



#14

Allyl chloride

Concen: 17.073 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

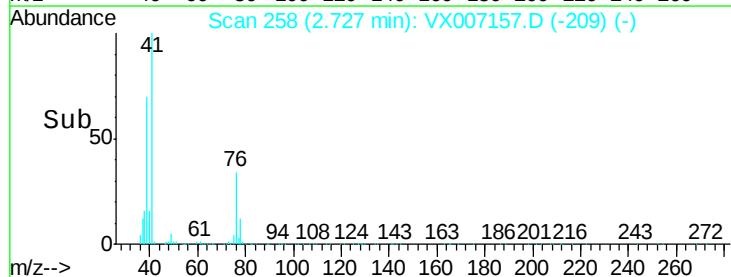
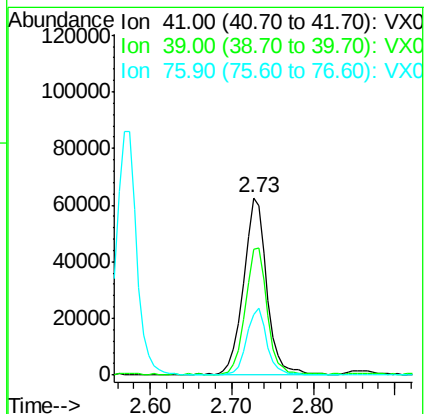
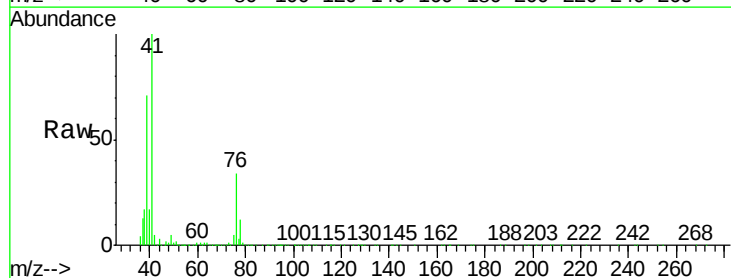
Tgt Ion: 41 Resp: 122850

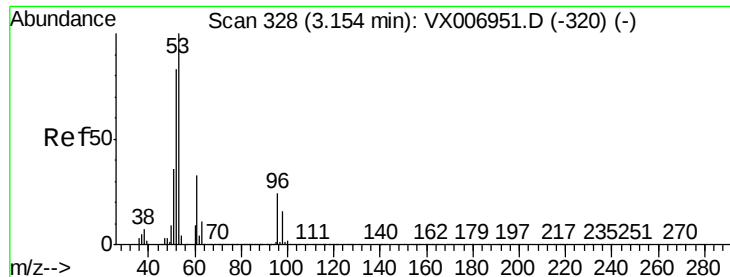
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 32.6 27.4 41.2





#15

Acrylonitrile

Concen: 89.801 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

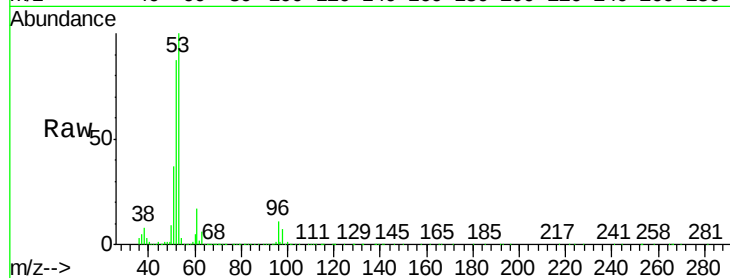
Tot Ion: 53 Resp: 232162

Ion Ratio Lower Upper

53 100

52 81.9 66.0 99.0

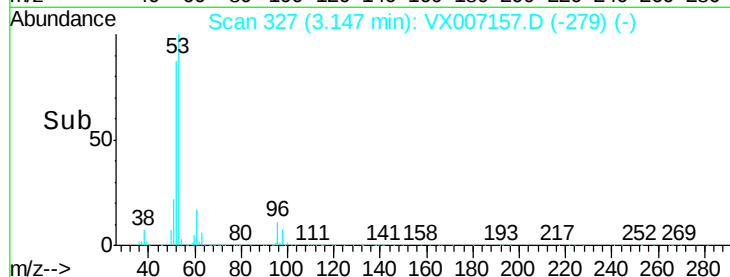
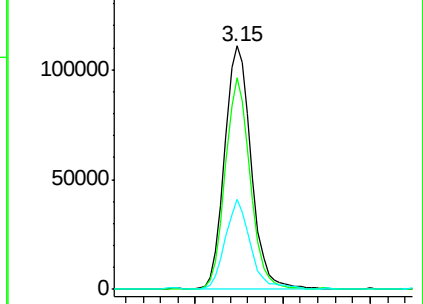
51 35.1 28.6 42.8



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: 90.426 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007157.D

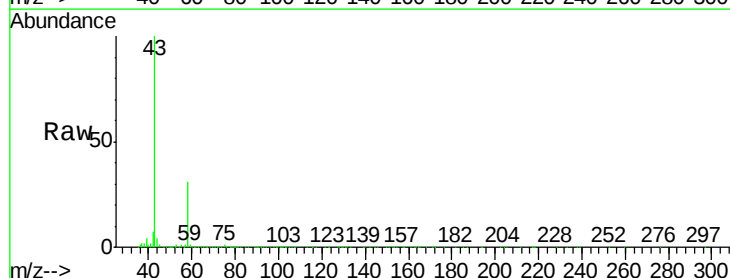
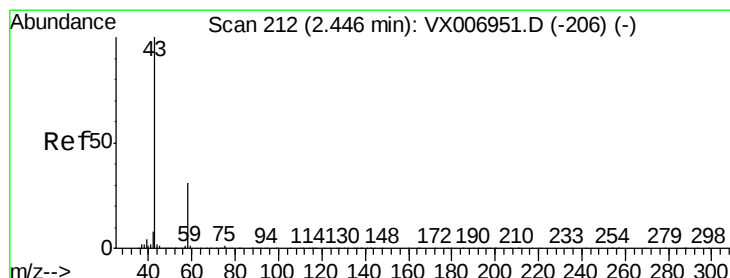
Acq: 21 Jan 2019 14:29

Tgt Ion: 43 Resp: 213420

Ion Ratio Lower Upper

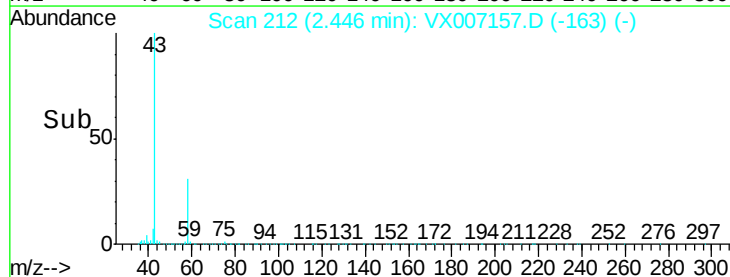
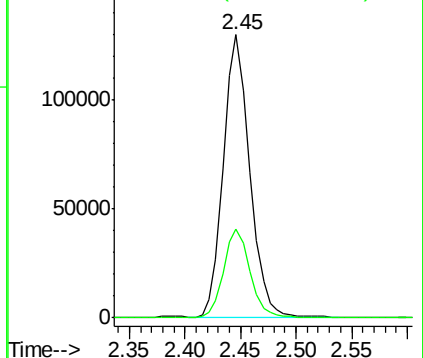
43 100

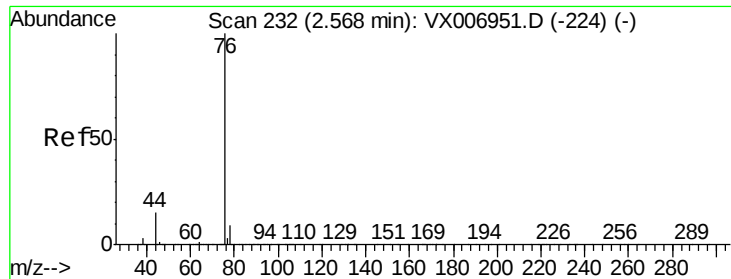
58 31.1 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 13.714 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

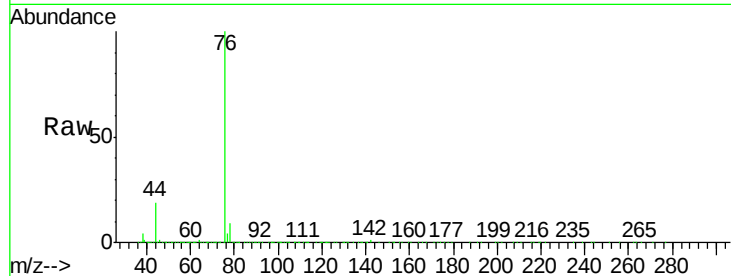
VX0121WBSD01

Tot Ion: 76 Resp: 148241

Ion Ratio Lower Upper

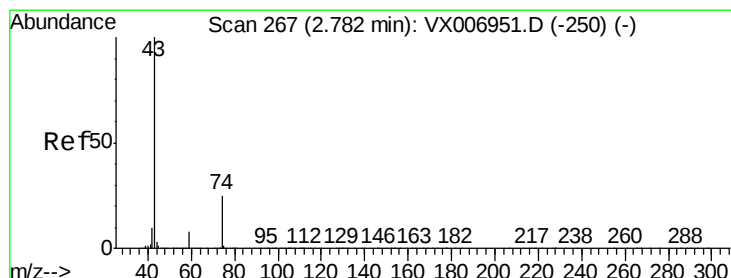
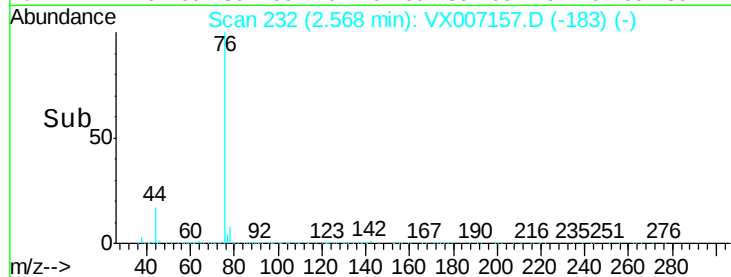
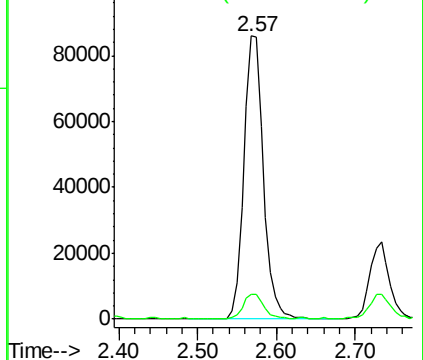
76 100

78 8.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 18.611 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007157.D

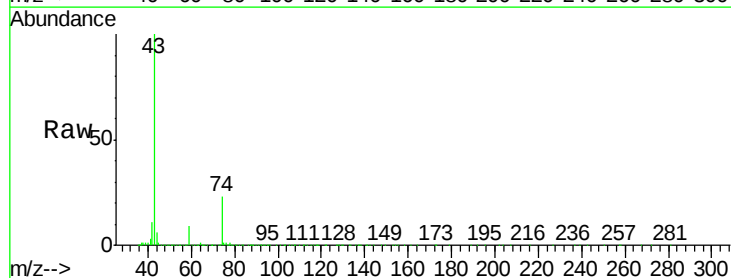
Acq: 21 Jan 2019 14:29

Tgt Ion: 43 Resp: 127201

Ion Ratio Lower Upper

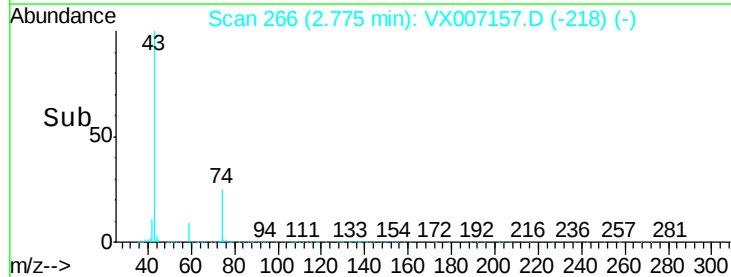
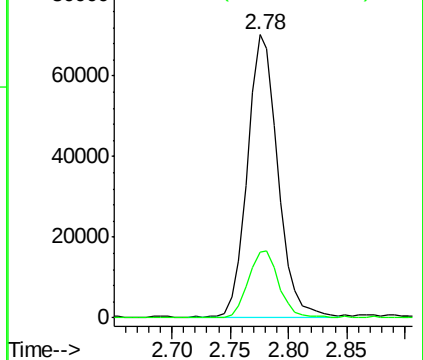
43 100

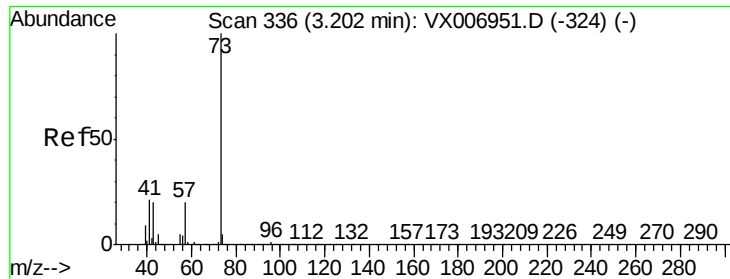
74 23.7 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

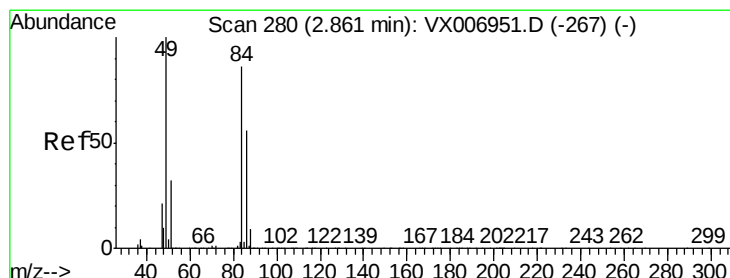
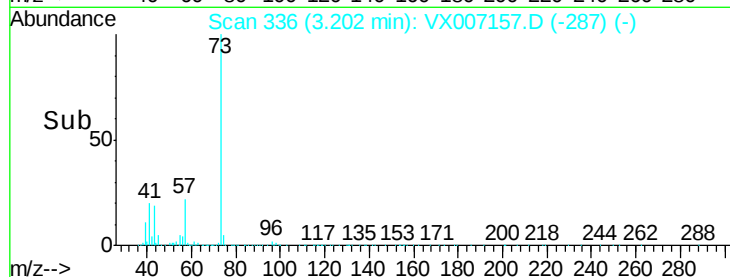
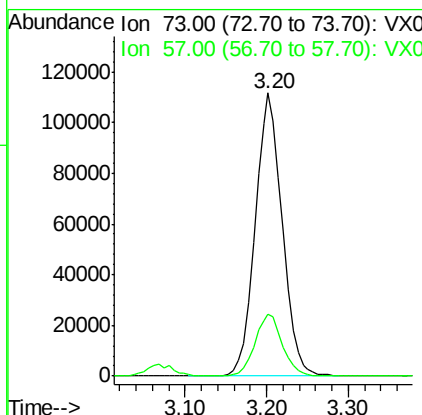
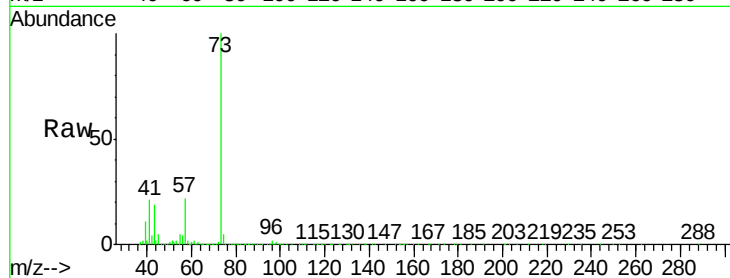




#19
Methvl tert-butvl Ether
Concen: 17.667 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

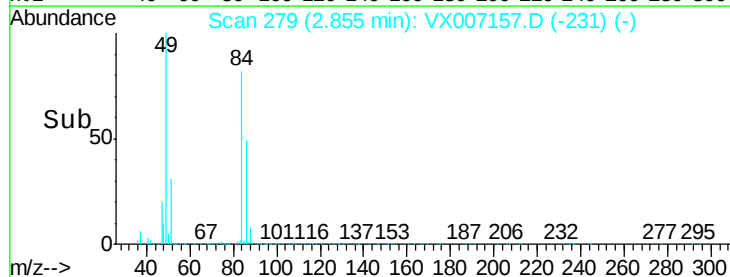
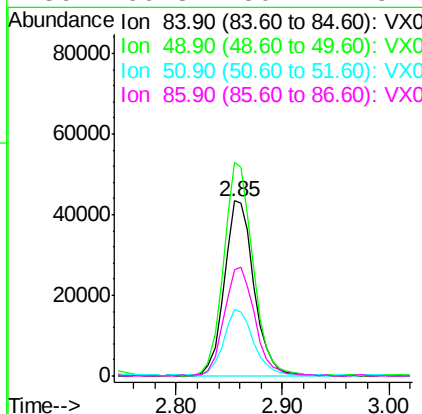
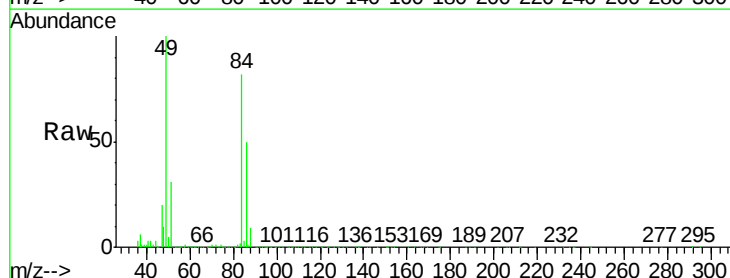
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

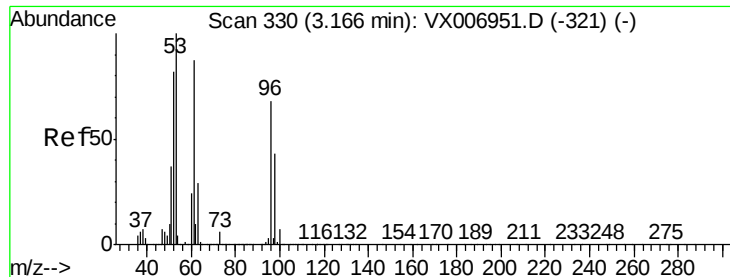
Tot Ion: 73 Resp: 257453
Ion Ratio Lower Upper
73 100
57 21.9 16.8 25.2



#20
Methylene Chloride
Concen: 18.624 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 84 Resp: 85198
Ion Ratio Lower Upper
84 100
49 121.8 91.8 137.6
51 37.6 28.5 42.7
86 60.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 16.360 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

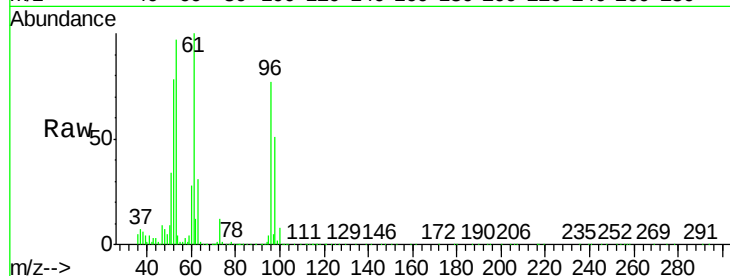
Tot Ion: 96 Resp: 76544

Ion Ratio Lower Upper

96 100

61 130.2 103.7 155.5

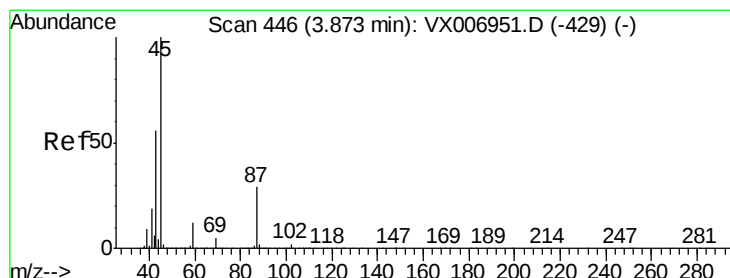
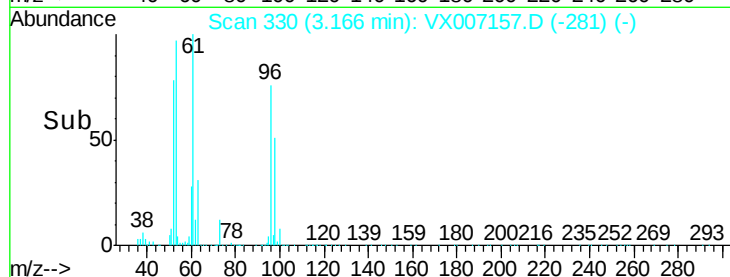
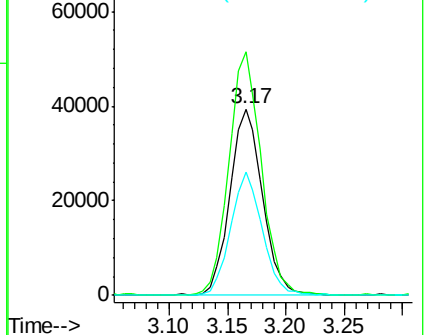
98 65.7 51.0 76.6



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: 18.104 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Tgt Ion: 45 Resp: 244900

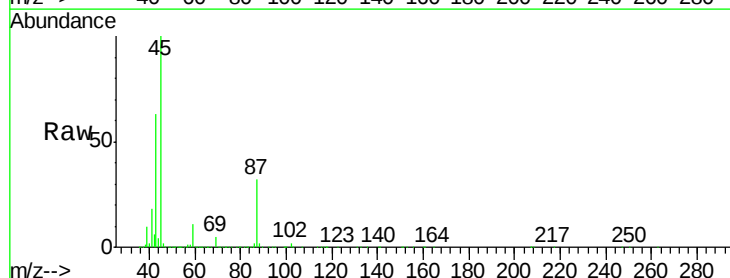
Ion Ratio Lower Upper

45 100

43 63.2 51.2 76.8

87 31.7 25.8 38.6

59 11.4 9.0 13.4

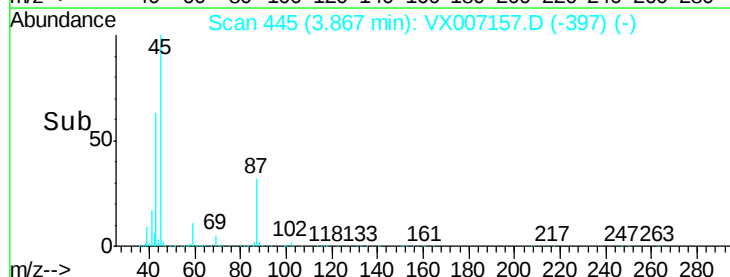
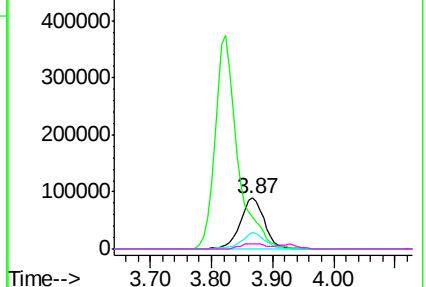


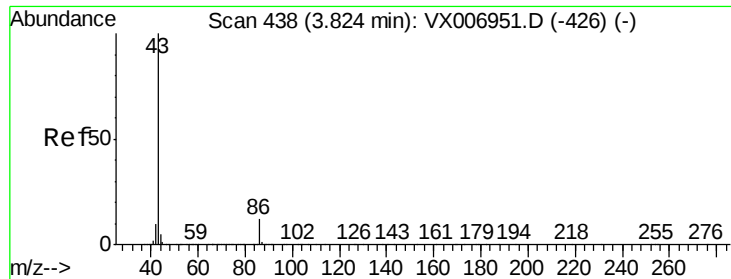
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 85.043 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

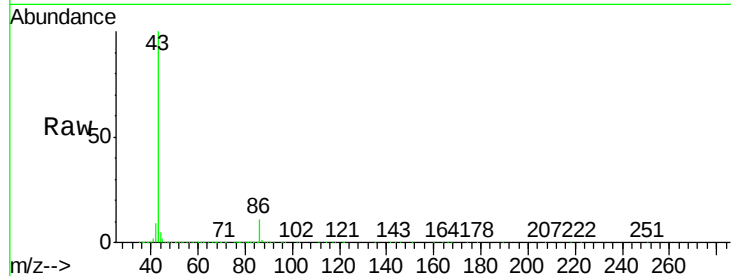
VX0121WBSD01

Tot Ion: 43 Resp: 970154

Ion Ratio Lower Upper

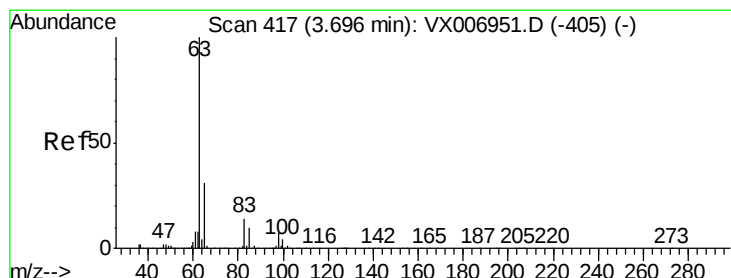
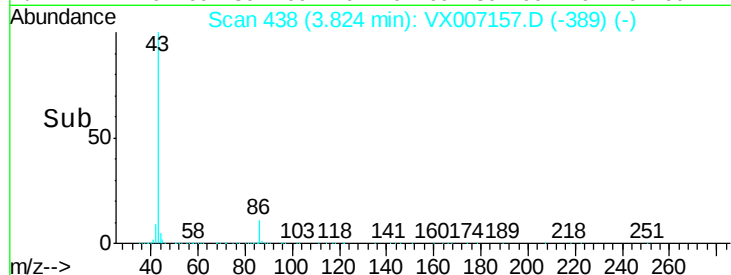
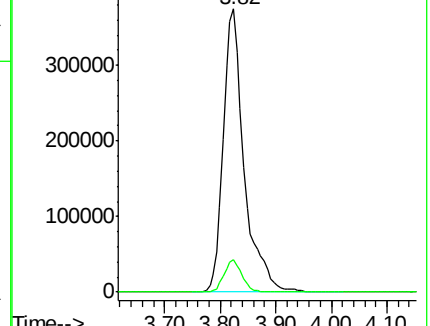
43 100

86 11.4 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: 17.769 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

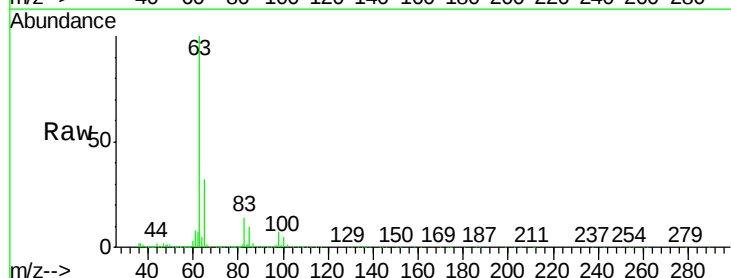
Tgt Ion: 63 Resp: 134402

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

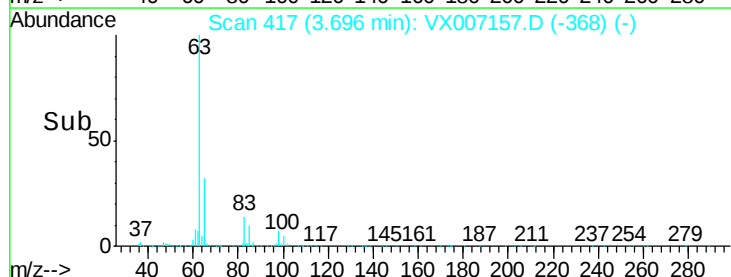
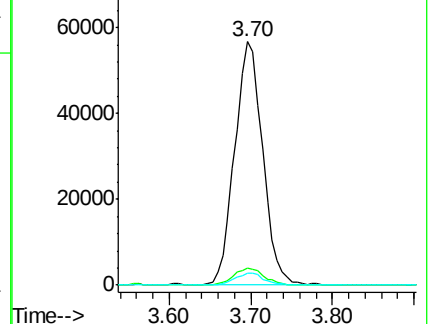
100 5.0 2.4 7.2

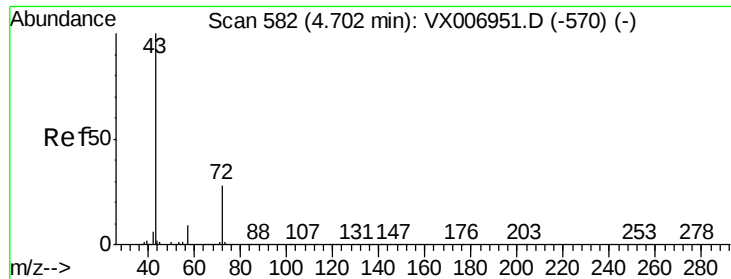


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 89.602 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

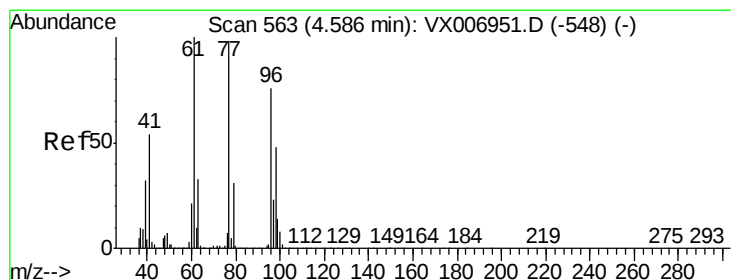
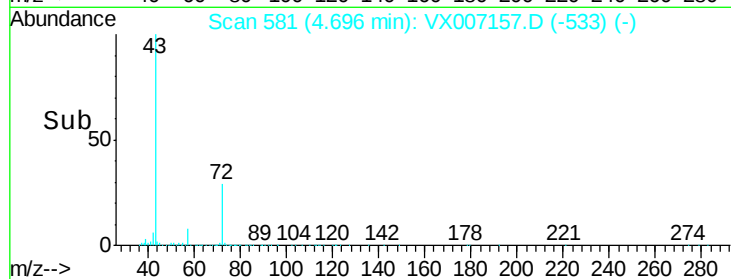
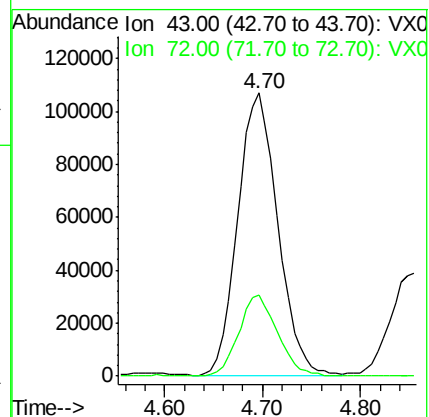
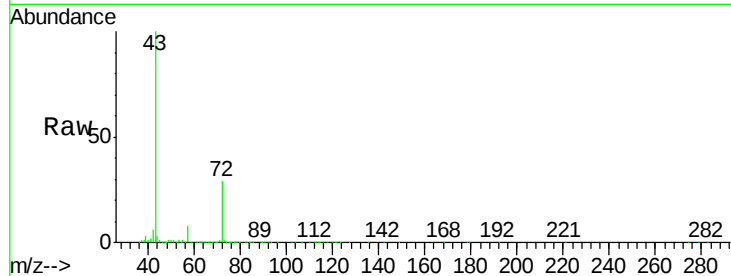
VX0121WBSD01

Tot Ion: 43 Resp: 302590

Ion Ratio Lower Upper

43 100

72 28.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 16.681 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007157.D

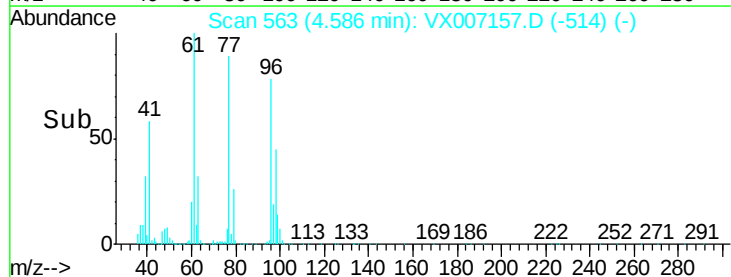
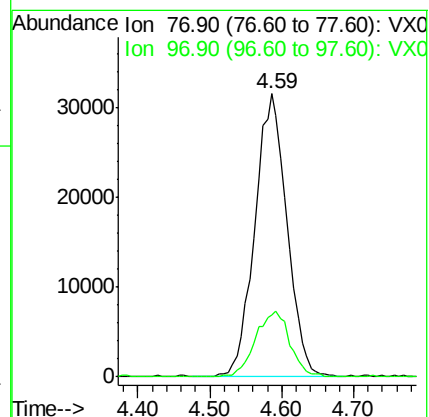
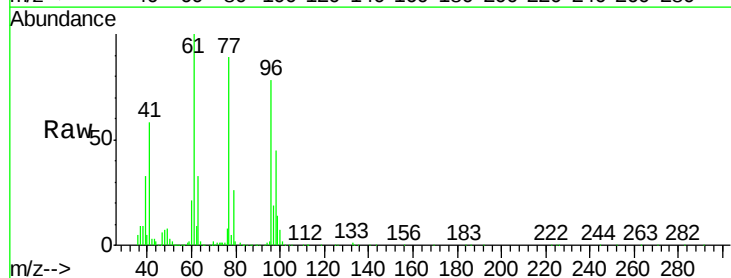
Acq: 21 Jan 2019 14:29

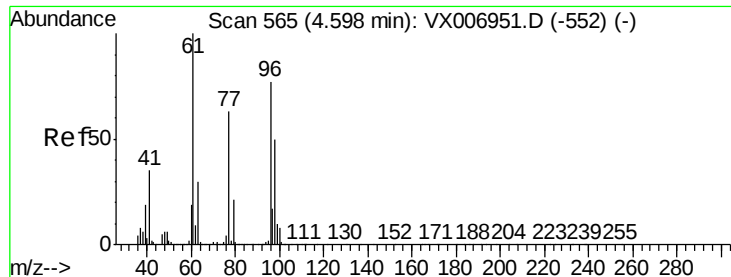
Tgt Ion: 77 Resp: 97023

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4



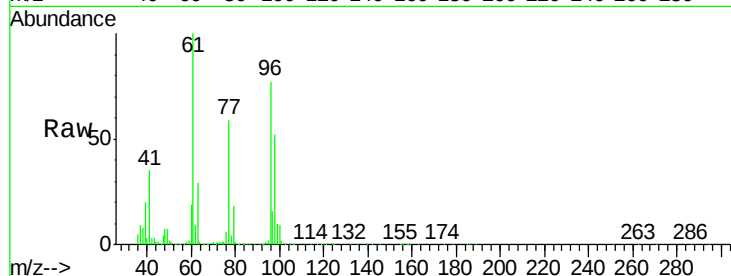


#27

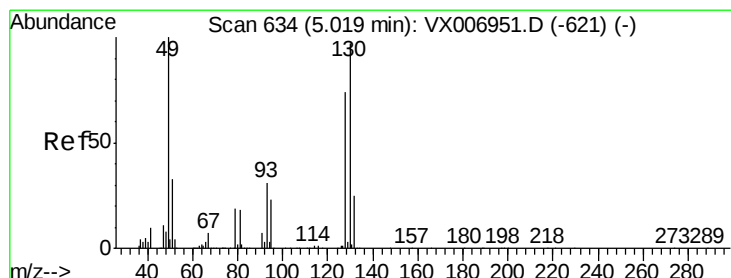
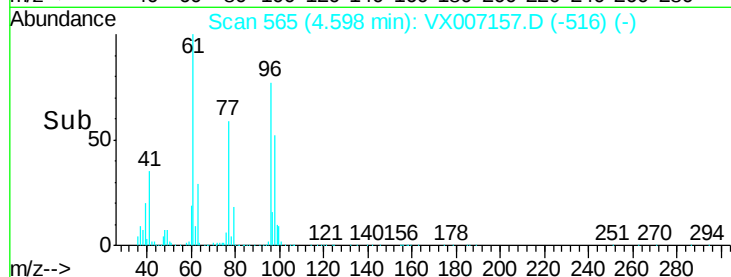
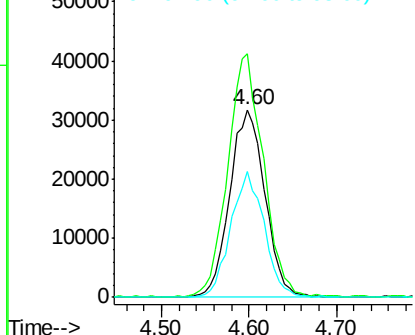
cis-1,2-Dichloroethene
Concen: 17.210 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion: 96 Resp: 88815
Ion Ratio Lower Upper
96 100
61 130.2 0.0 258.6
98 64.1 0.0 132.0



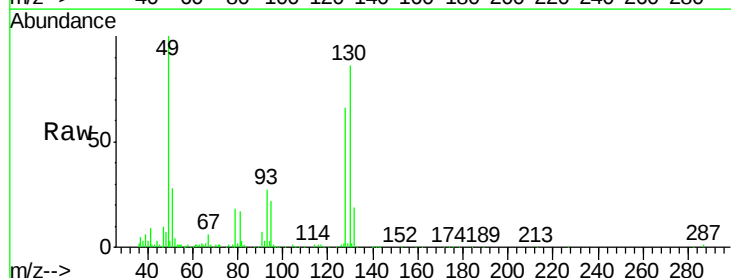
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



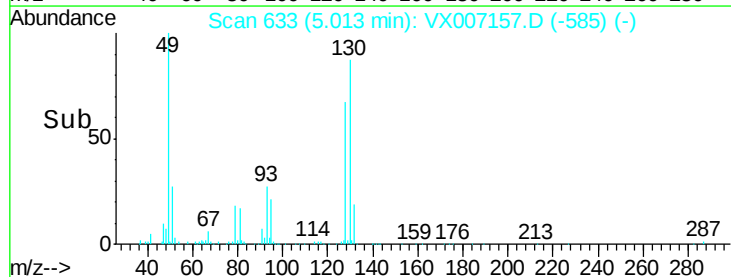
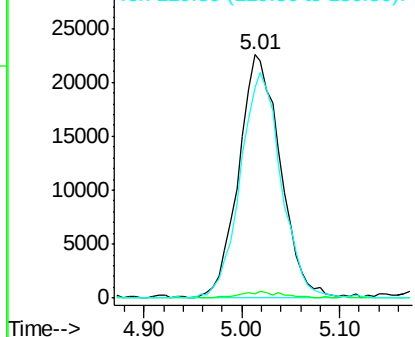
#28

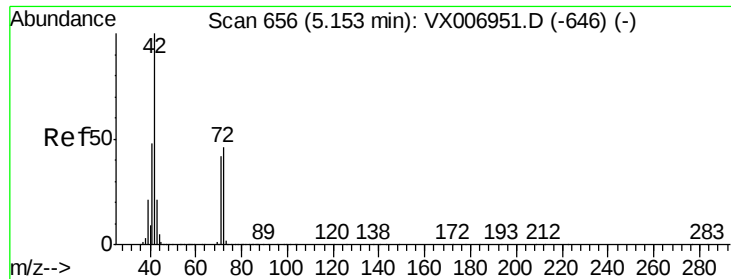
Bromochloromethane
Concen: 19.922 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 49 Resp: 66023
Ion Ratio Lower Upper
49 100
129 2.8 0.0 5.4
130 91.9 77.7 116.5



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





#29

Tetrahydrofuran

Concen: 87.624 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

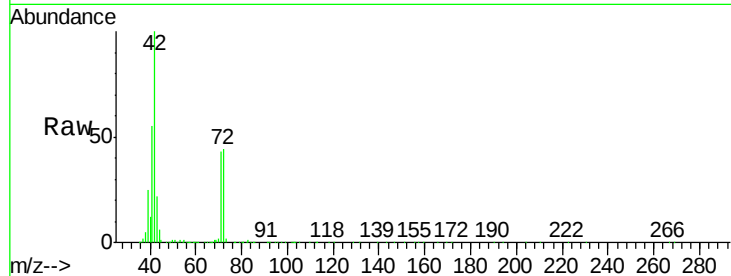
Tot Ion: 42 Resp: 192305

Ion Ratio Lower Upper

42 100

72 46.5 38.9 58.3

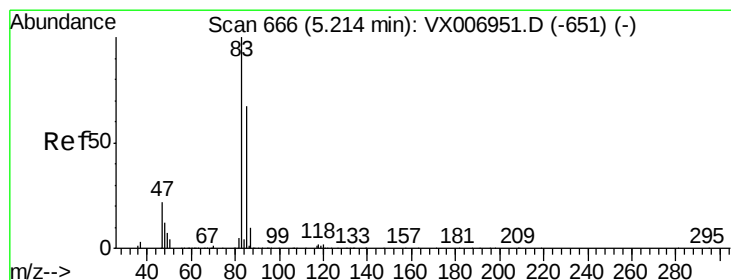
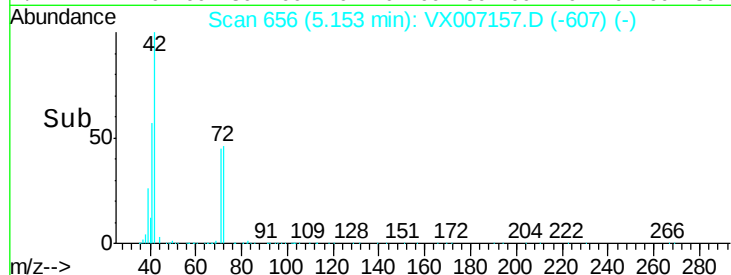
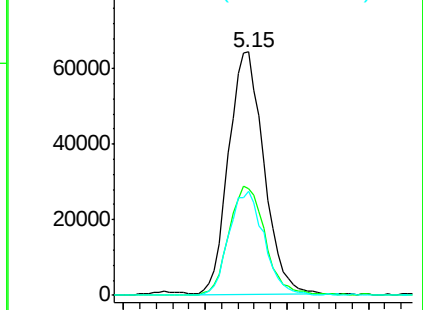
71 43.0 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 17.969 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.01 min

Lab File: VX007157.D

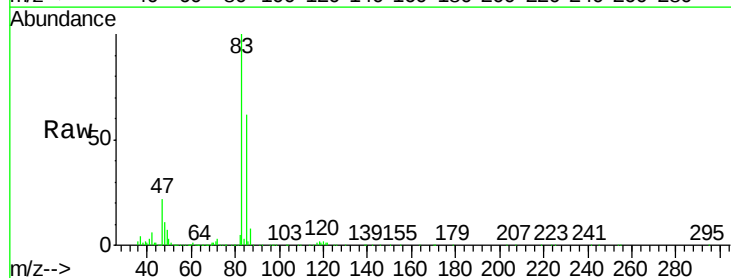
Acq: 21 Jan 2019 14:29

Tgt Ion: 83 Resp: 142300

Ion Ratio Lower Upper

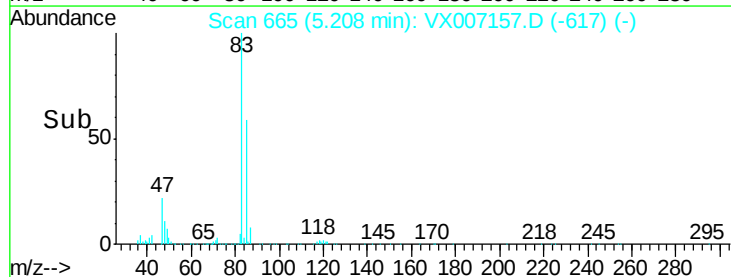
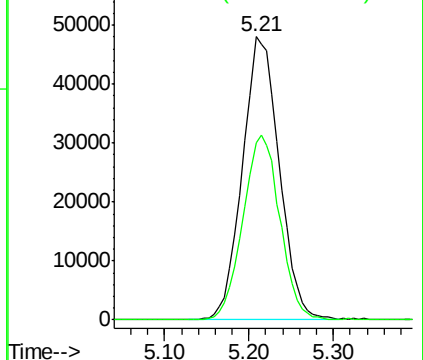
83 100

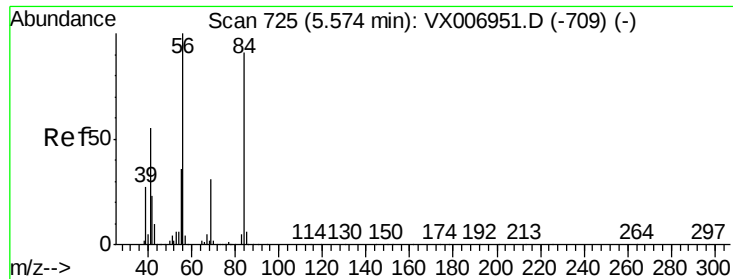
85 62.2 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

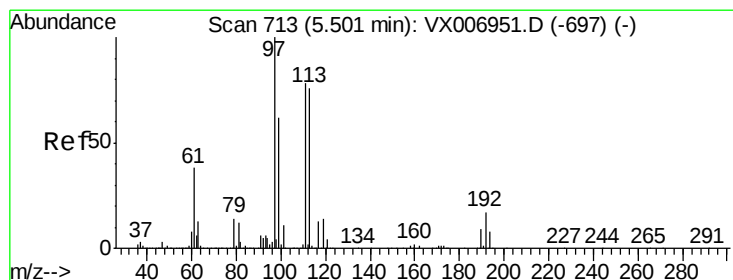
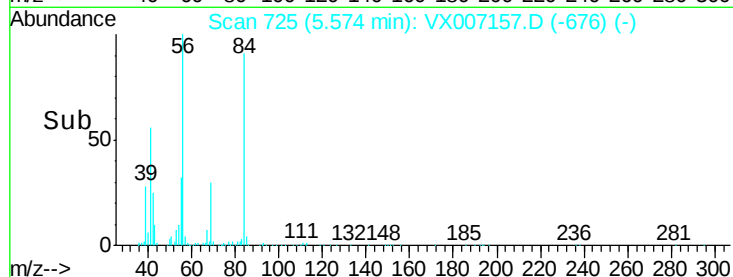
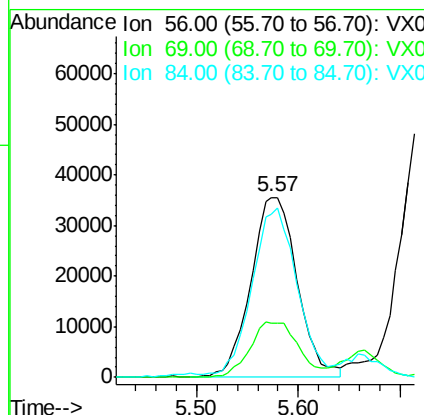
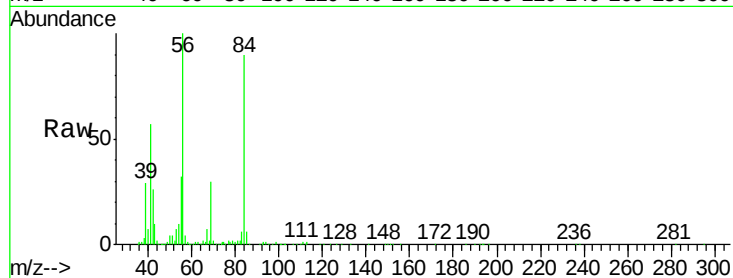




#31
Cyclohexane
Concen: 16.595 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

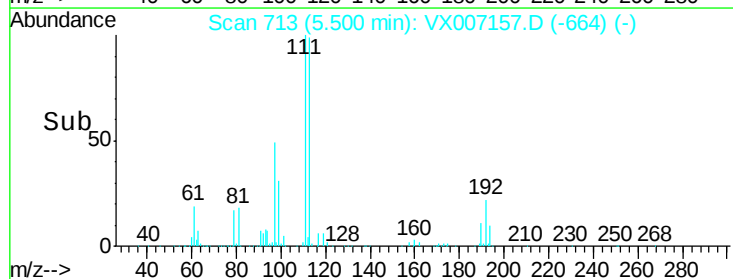
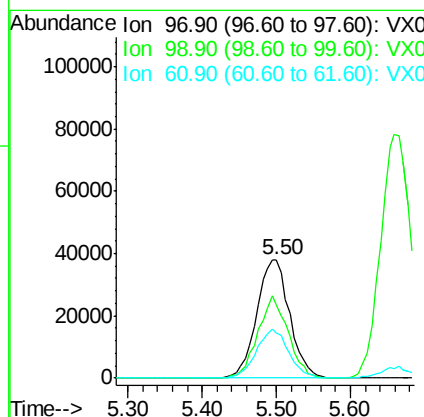
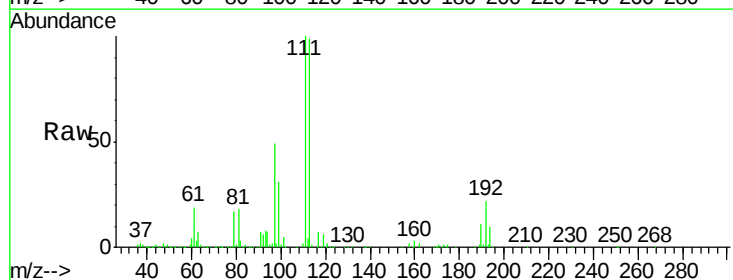
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

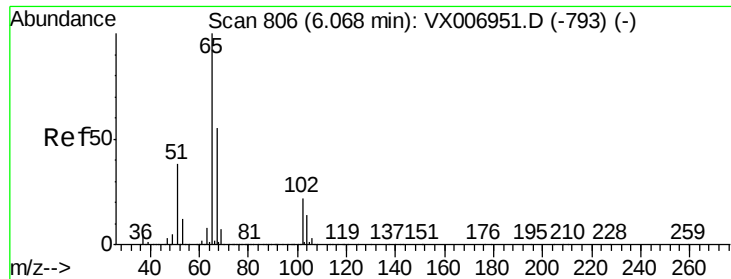
Tot Ion: 56 Resp: 111719
Ion Ratio Lower Upper
56 100
69 30.2 24.4 36.6
84 88.1 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 17.512 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 97 Resp: 117552
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 40.8 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.394 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

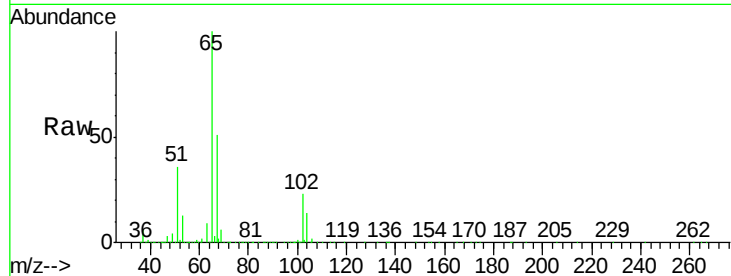
VX0121WBSD01

Tot Ion: 65 Resp: 240584

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

60000

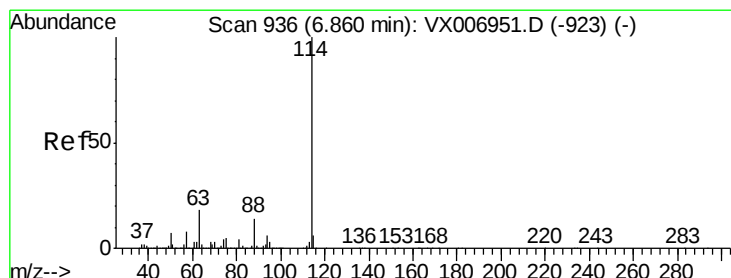
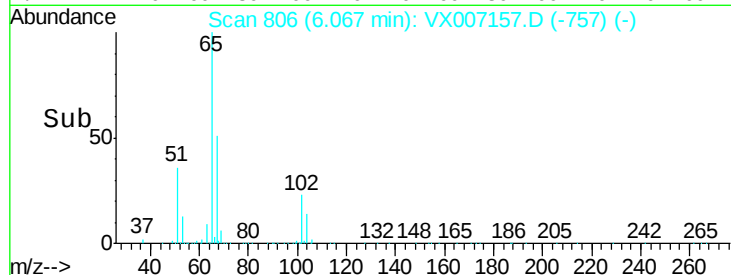
40000

20000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

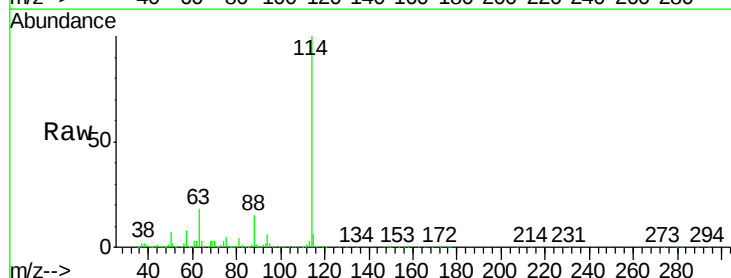
Tgt Ion: 114 Resp: 677604

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.8

88 14.8 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

400000

300000

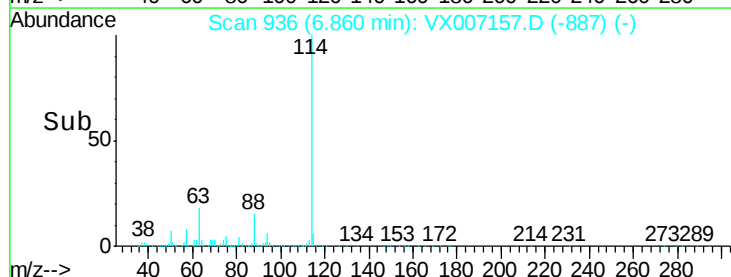
200000

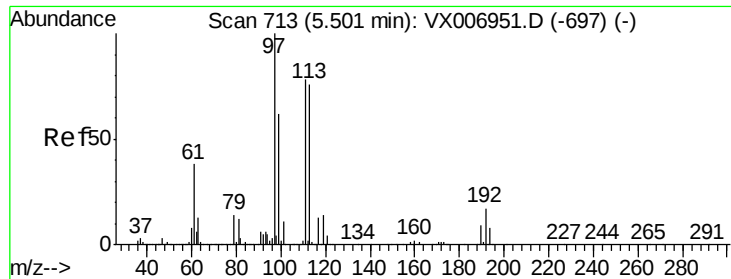
100000

0

Time-->

6.80 7.00





#35

Dibromofluoromethane

Concen: 49.524 ug/l

RT: 5.50 min Scan# 713

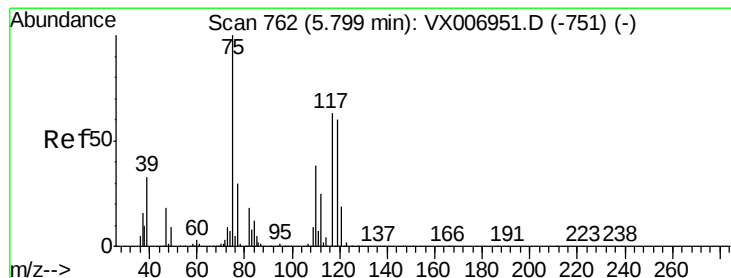
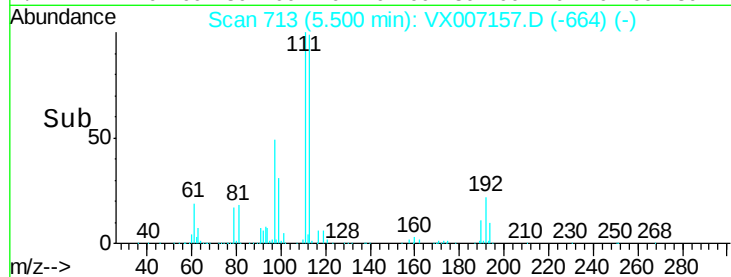
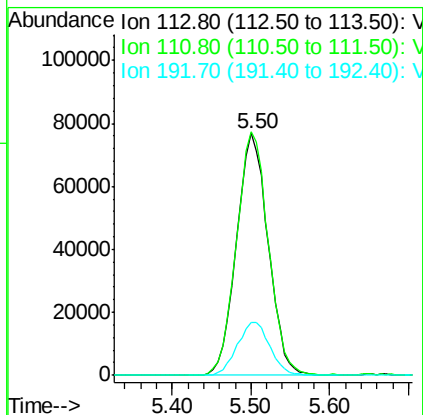
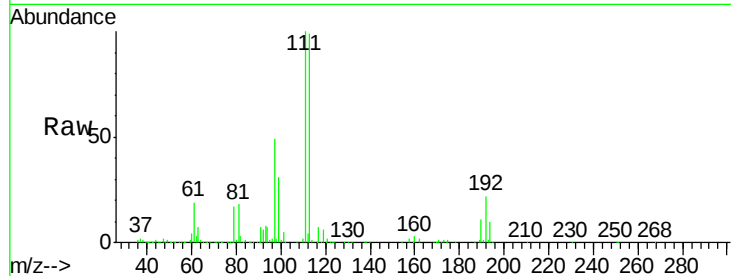
Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

Tot Ion:	113	Resp:	214900
Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	22.6	16.7	25.1



#36

1,1-Dichloropropene

Concen: 16.836 ug/l

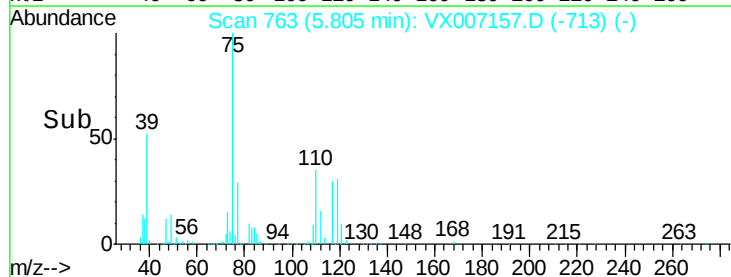
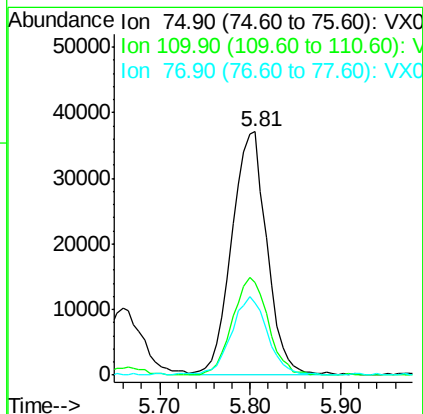
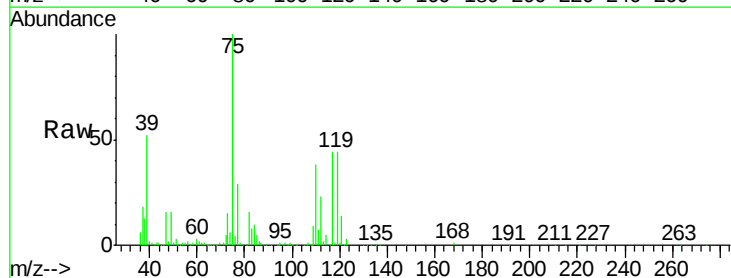
RT: 5.81 min Scan# 763

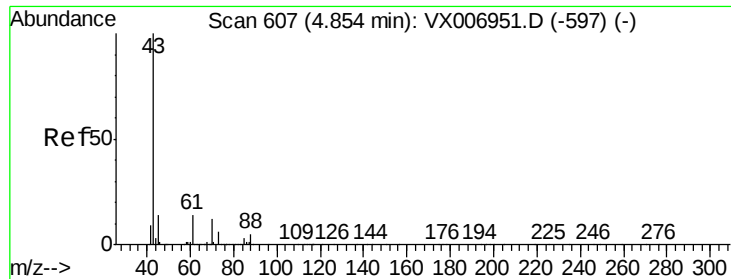
Delta R.T. 0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Tgt Ion:	75	Resp:	99184
Ion	Ratio	Lower	Upper
75	100		
110	41.2	20.2	60.5
77	33.3	24.8	37.2

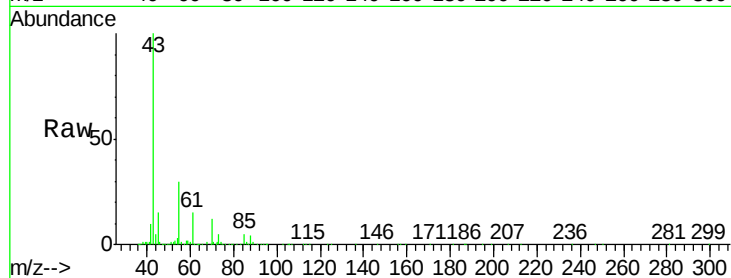




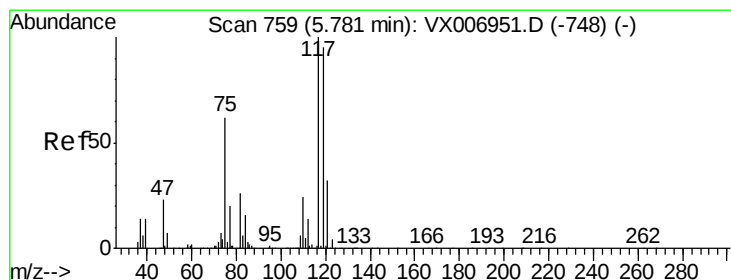
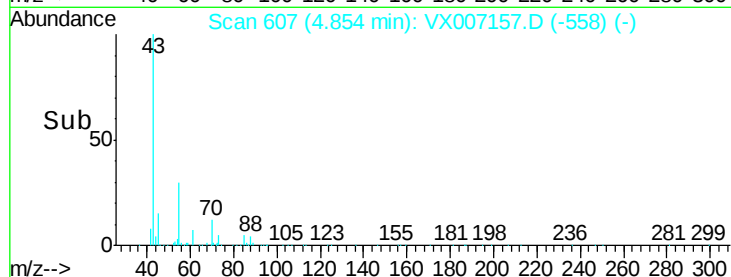
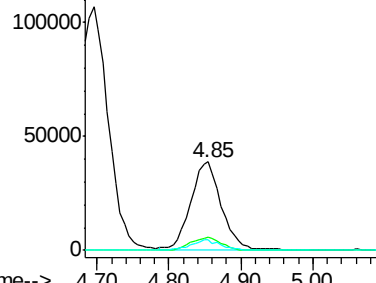
#37
Ethyl Acetate
Concen: 17.931 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Instrument :
MSVOA_X
ClientSampled :
VX0121WBSD01

Tot Ion: 43 Resp: 113248
Ion Ratio Lower Upper
43 100
61 15.1 11.9 17.9
70 11.8 9.7 14.5

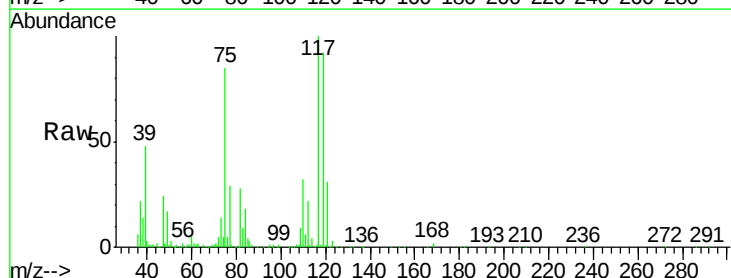


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

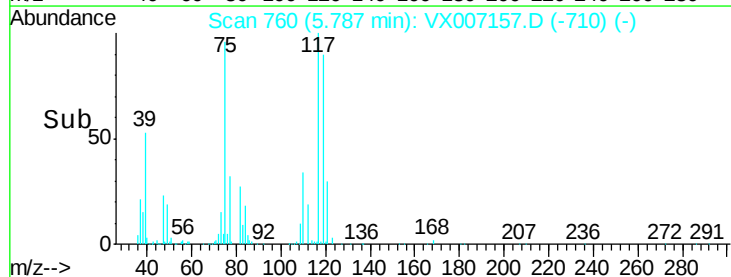
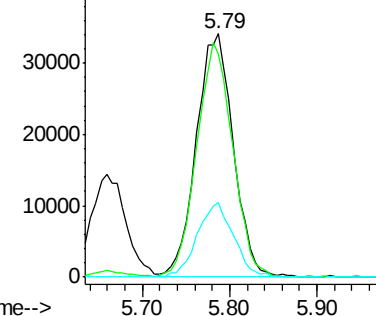


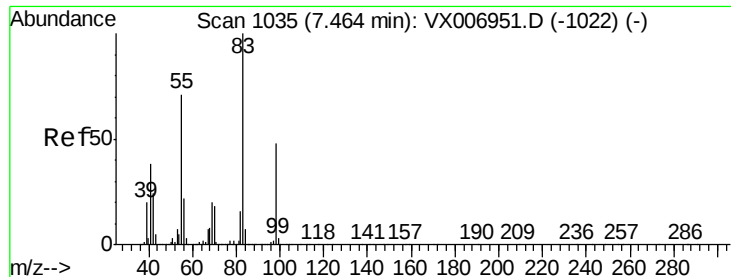
#38
Carbon Tetrachloride
Concen: 16.938 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 117 Resp: 100395
Ion Ratio Lower Upper
117 100
119 91.3 79.4 119.2
121 30.9 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

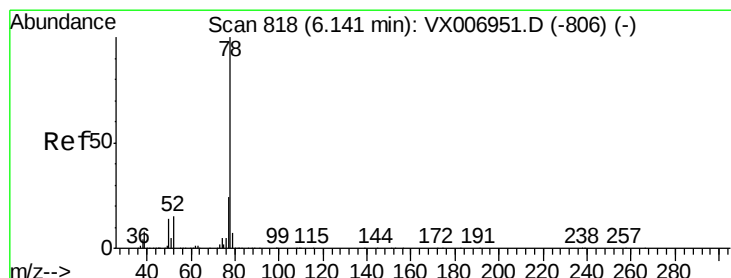
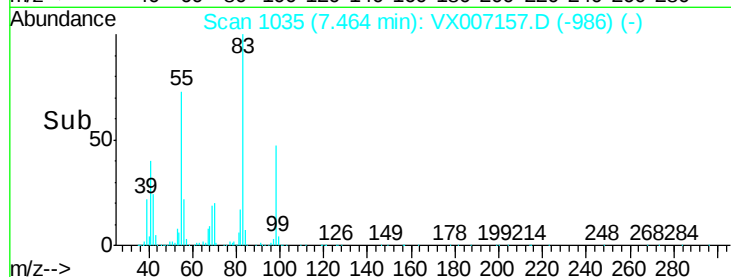
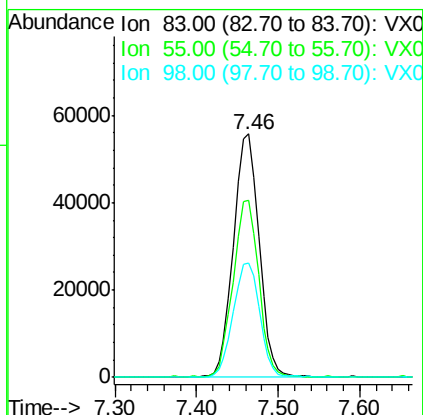
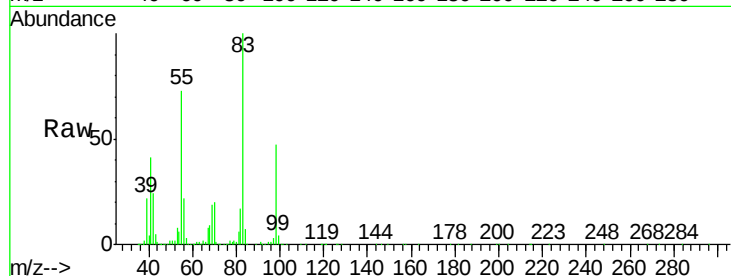




#39
Methvlcvclohexane
Concen: 16.228 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

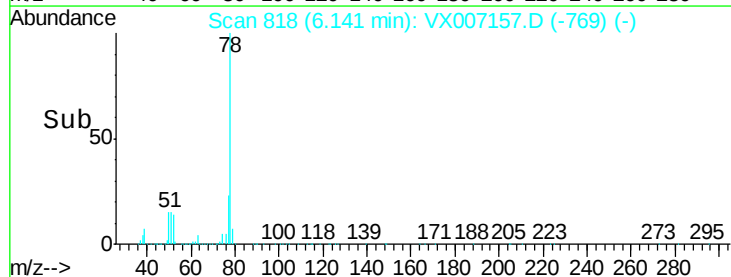
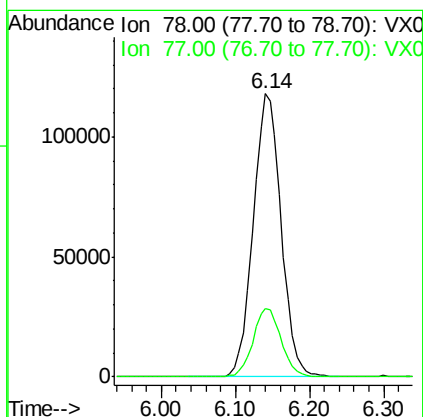
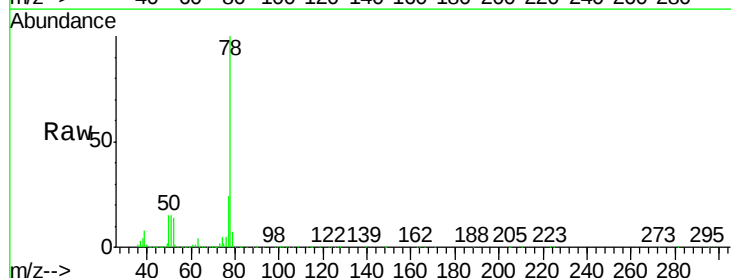
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

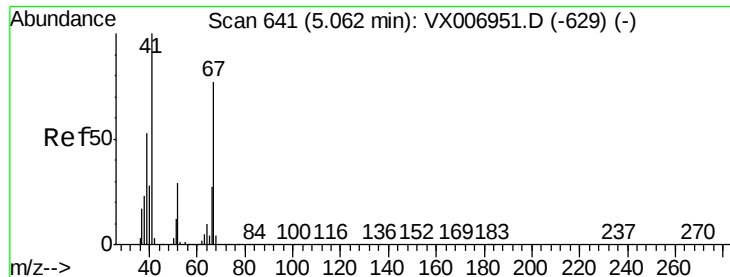
Tot Ion	83.00	Resp	121881
Ion	Ratio	Lower	Upper
83	100		
55	72.6	54.9	82.3
98	47.0	37.9	56.9



#40
Benzene
Concen: 17.230 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion	78.00	Resp	309732
Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.2	28.8





#41

Methacrylonitrile

Concen: 16.681 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 41 Resp: 60695

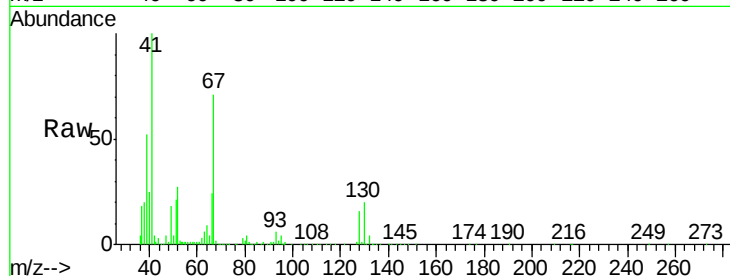
Ion Ratio Lower Upper

41 100

39 57.4 42.8 64.2

67 76.9 62.1 93.1

52 30.2 23.4 35.0

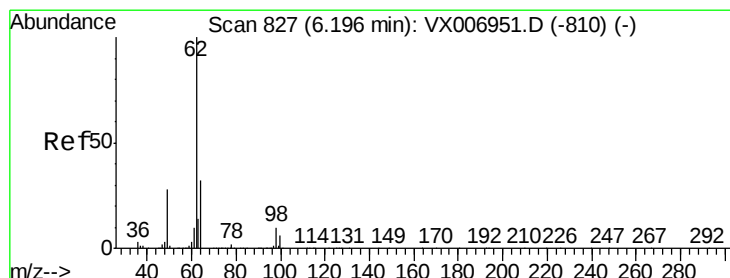
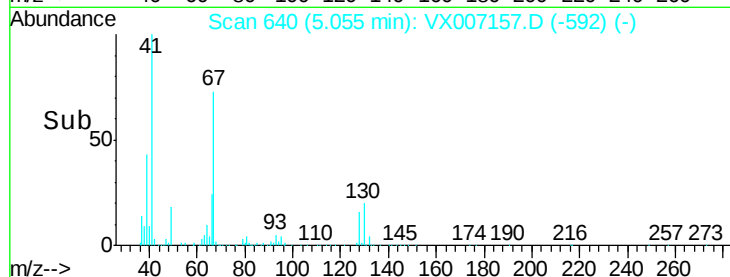
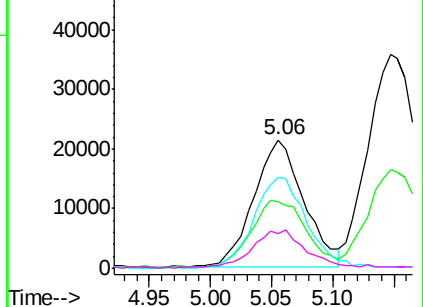


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 17.668 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007157.D

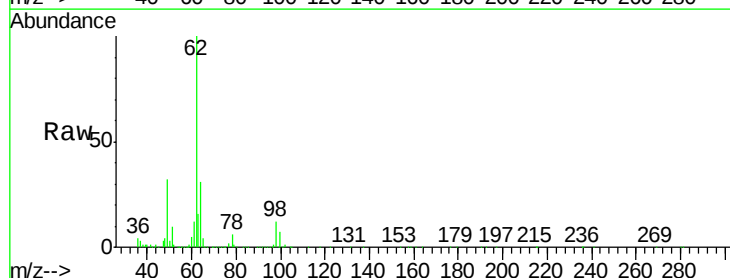
Acq: 21 Jan 2019 14:29

Tgt Ion: 62 Resp: 109747

Ion Ratio Lower Upper

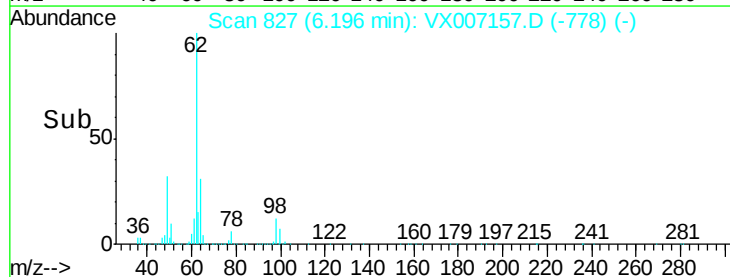
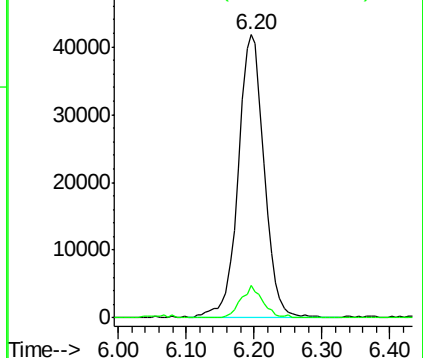
62 100

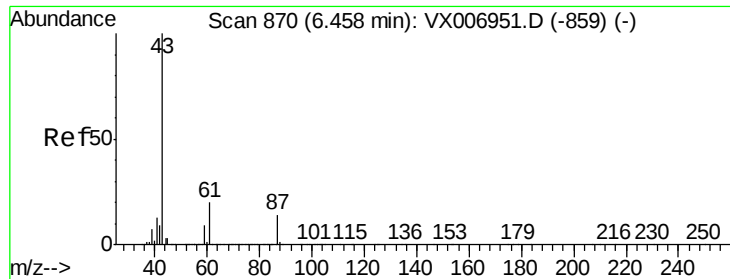
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



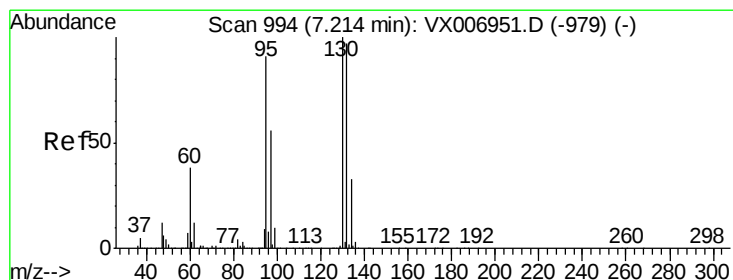
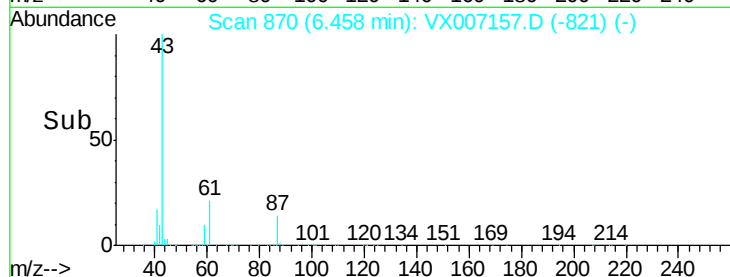
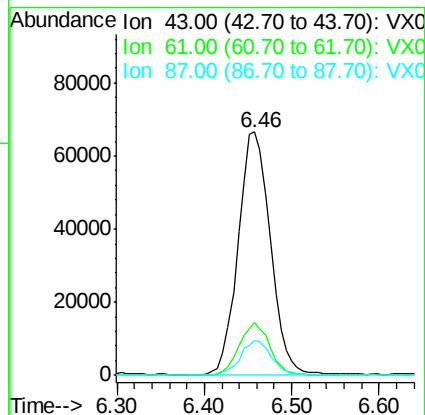
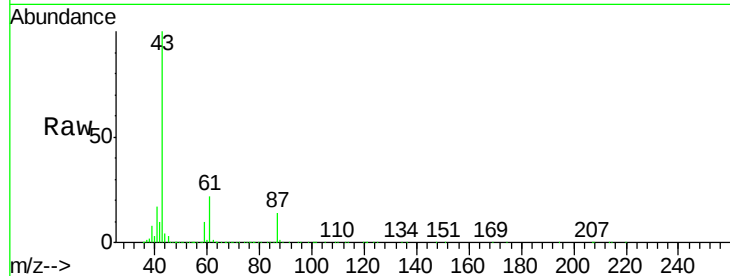


#43

Isopropyl Acetate
 Concen: 17.078 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007157.D
 Acq: 21 Jan 2019 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

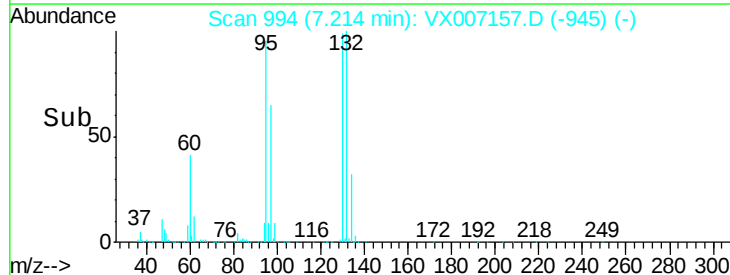
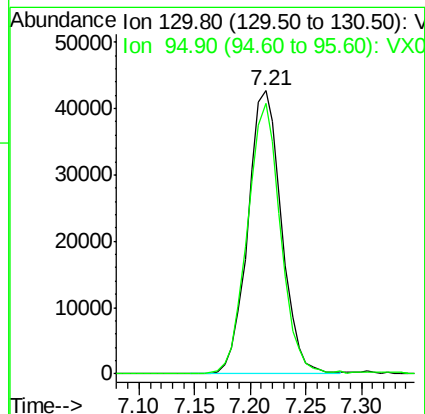
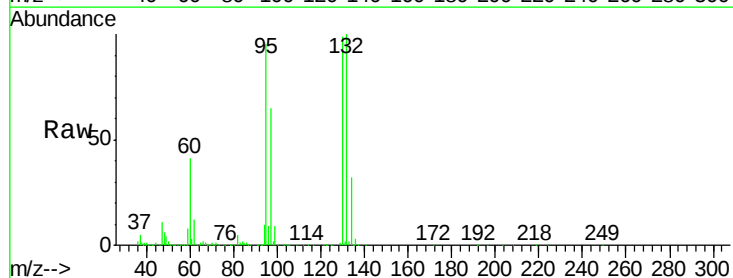
Tot Ion	43	Resp	170136
Ion Ratio	Lower	Upper	
43	100		
61	21.0	16.8	25.2
87	14.0	12.4	18.6

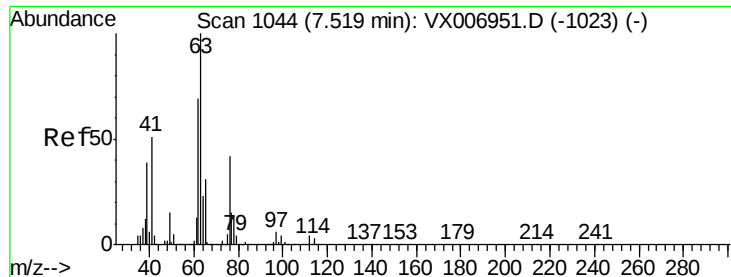


#44

Trichloroethene
 Concen: 16.662 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007157.D
 Acq: 21 Jan 2019 14:29

Tgt Ion	130	Resp	89752
Ion Ratio	Lower	Upper	
130	100		
95	95.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 17.385 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

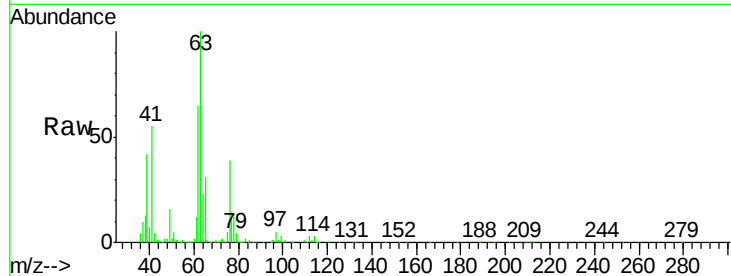
VX0121WBSD01

Tot Ion: 63 Resp: 78565

Ion Ratio Lower Upper

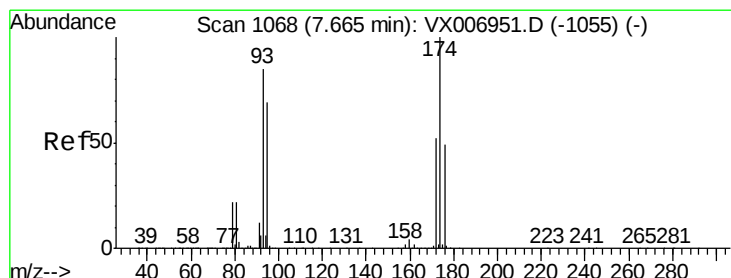
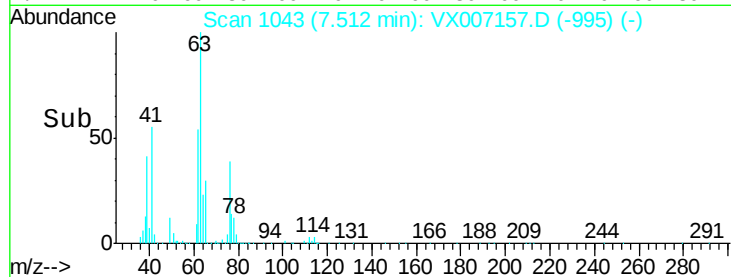
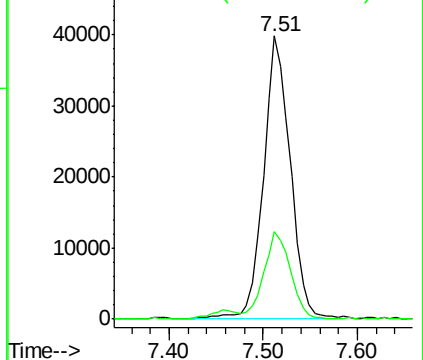
63 100

65 30.8 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 17.842 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

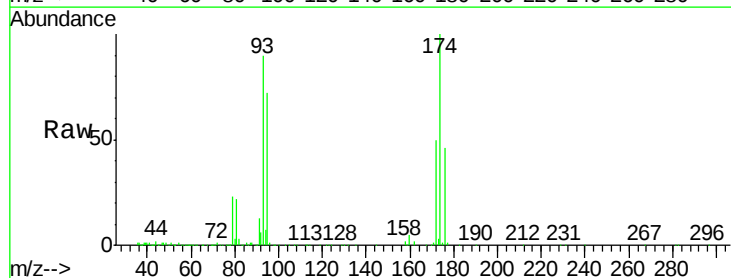
Tgt Ion: 93 Resp: 56669

Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

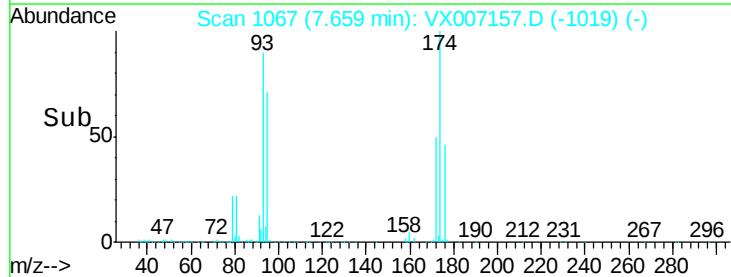
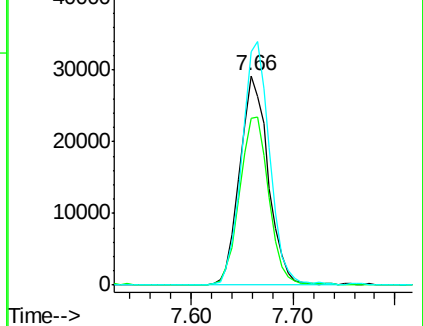
174 113.9 91.0 136.4

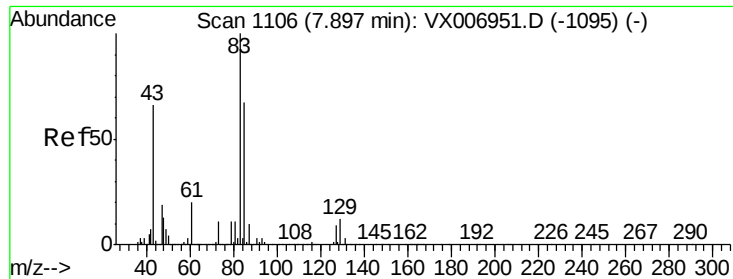


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.350 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampled :

VX0121WBSD01

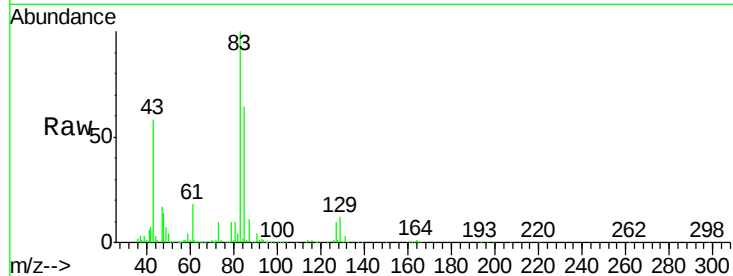
Tot Ion: 83 Resp: 93797

Ion Ratio Lower Upper

83 100

85 64.1 53.2 79.8

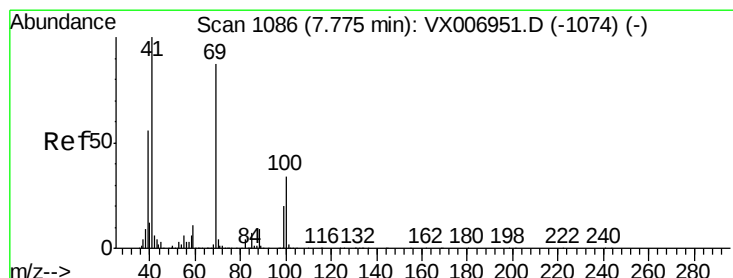
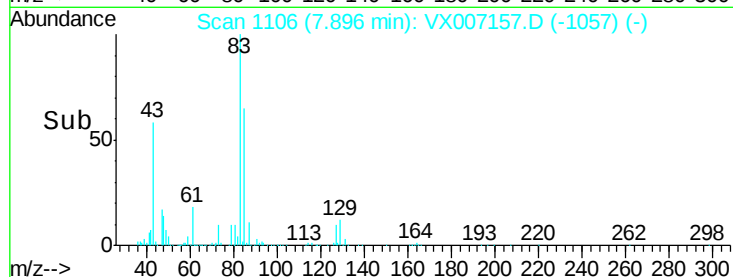
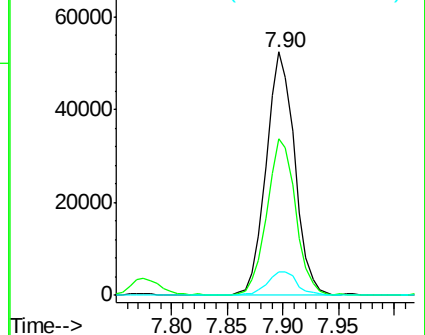
127 9.8 7.8 11.6



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: 17.318 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

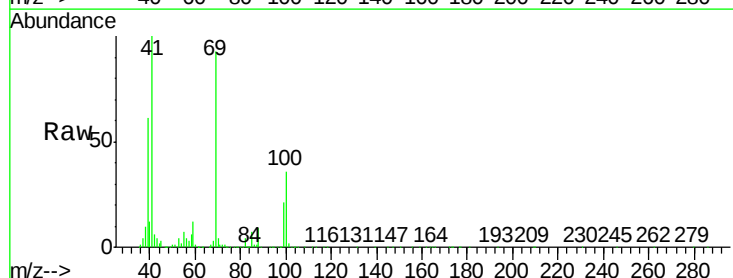
Tgt Ion: 41 Resp: 88601

Ion Ratio Lower Upper

41 100

69 88.6 72.4 108.6

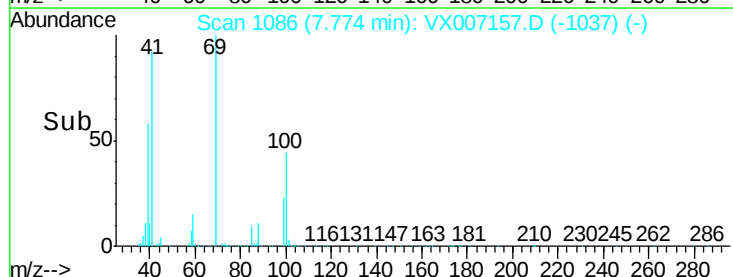
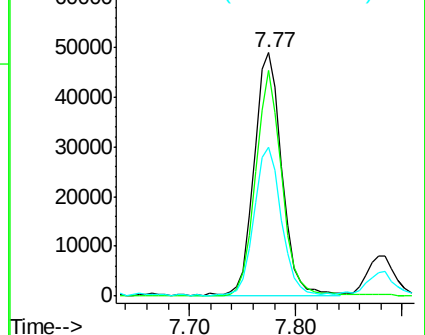
39 59.9 45.8 68.8

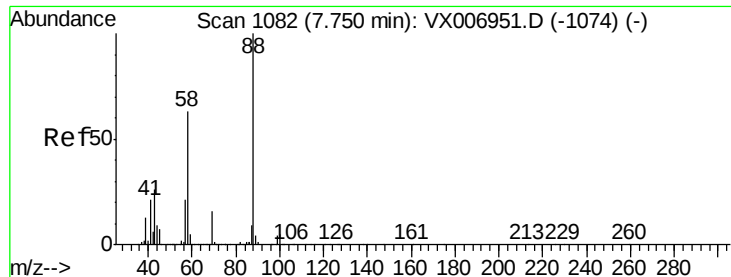


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 367.116 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

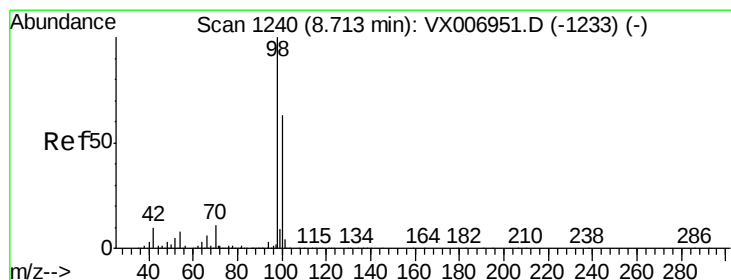
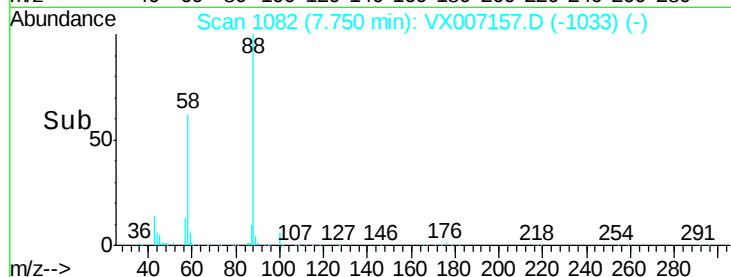
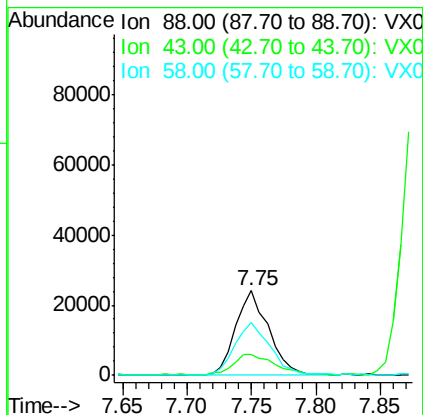
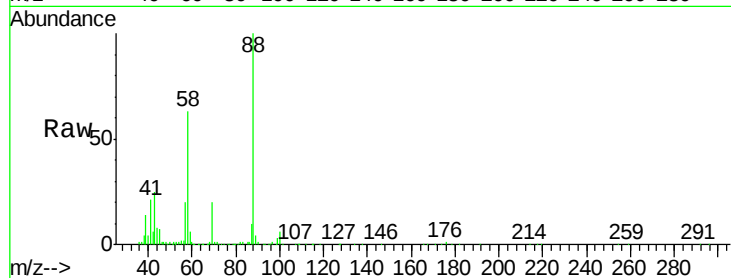
Tot Ion: 88 Resp: 43527

Ion Ratio Lower Upper

88 100

43 31.0 22.2 33.4

58 65.7 51.0 76.4



#50

Toluene-d8

Concen: 50.078 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007157.D

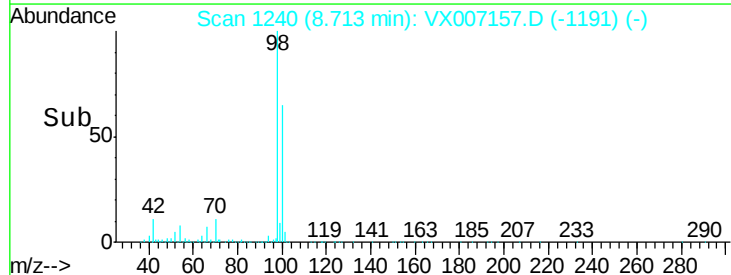
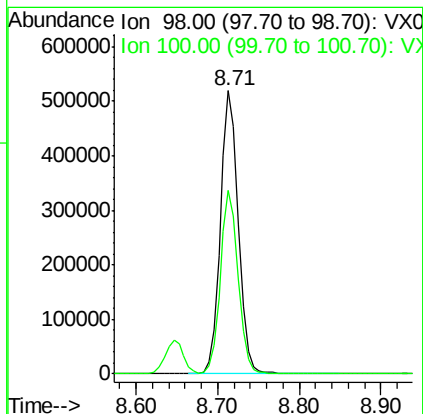
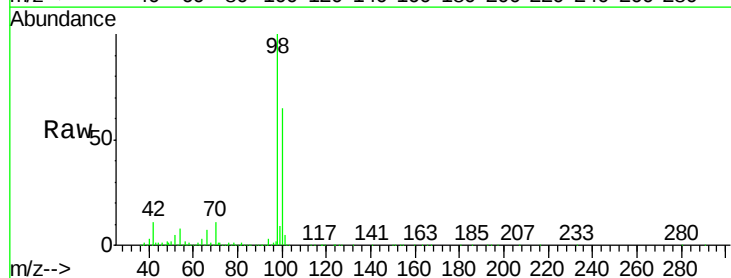
Acq: 21 Jan 2019 14:29

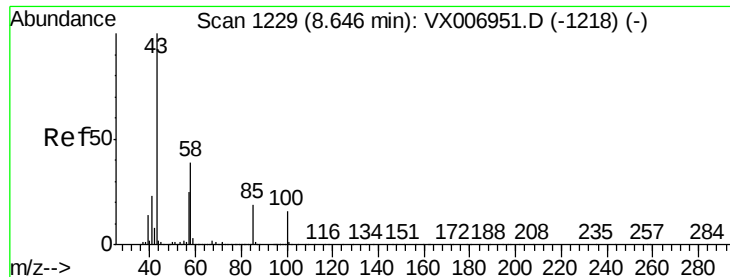
Tgt Ion: 98 Resp: 795410

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 94.513 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

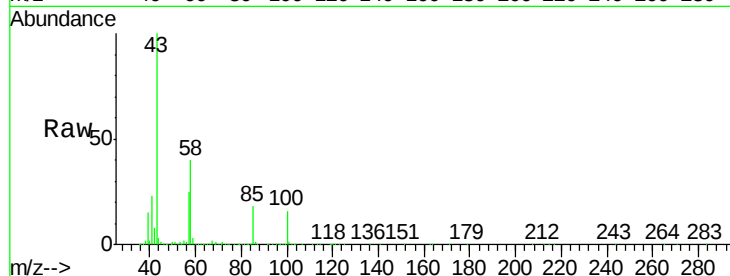
VX0121WBSD01

Tot Ion: 43 Resp: 605118

Ion Ratio Lower Upper

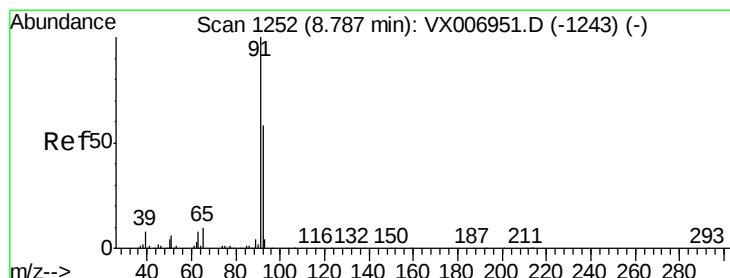
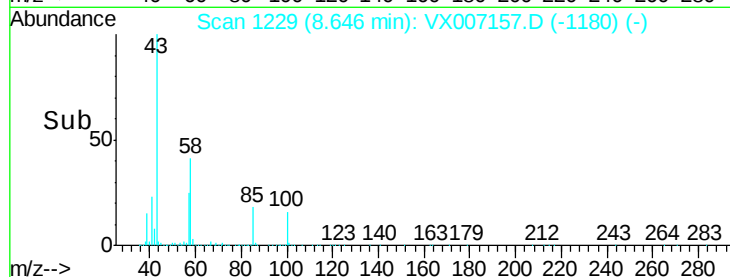
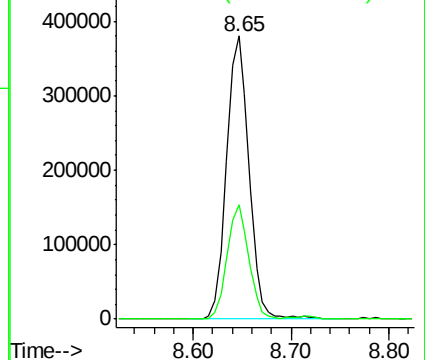
43 100

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: 17.572 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007157.D

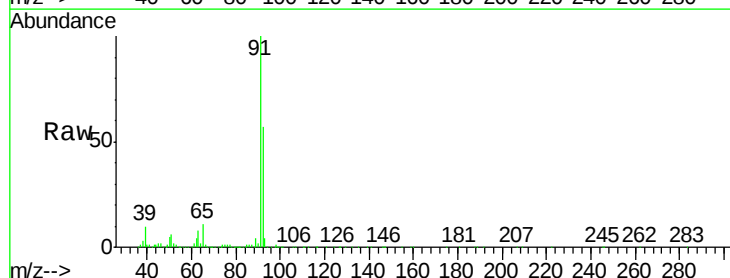
Acq: 21 Jan 2019 14:29

Tgt Ion: 92 Resp: 203017

Ion Ratio Lower Upper

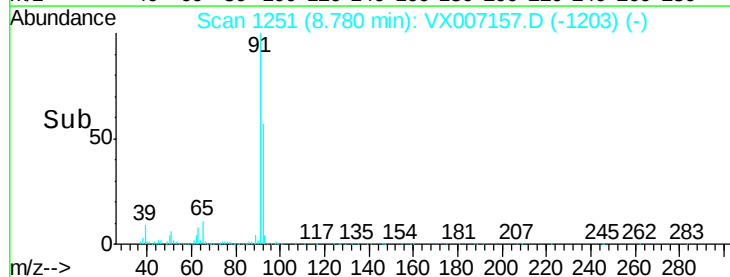
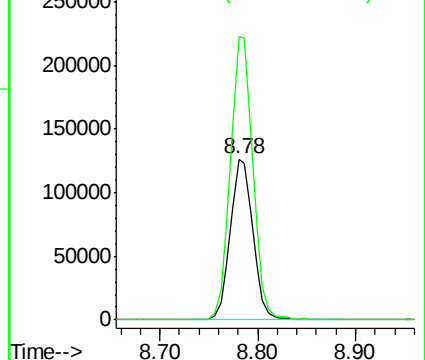
92 100

91 175.3 137.6 206.4



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: 16.512 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

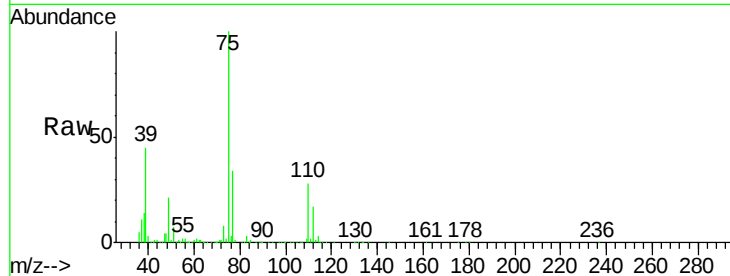
VX0121WBSD01

Tot Ion: 75 Resp: 98987

Ion Ratio Lower Upper

75 100

77 34.1 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

60000

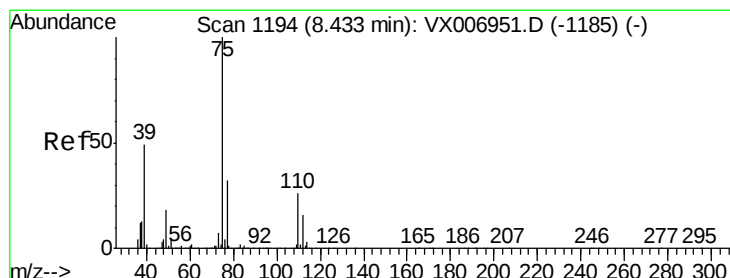
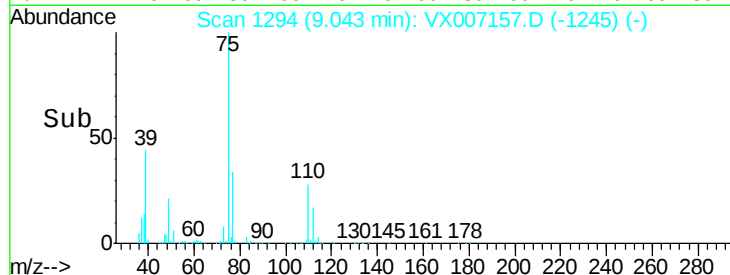
40000

20000

0

Time-->

9.00 9.10



#54

cis-1,3-Dichloropropene

Concen: 17.095 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

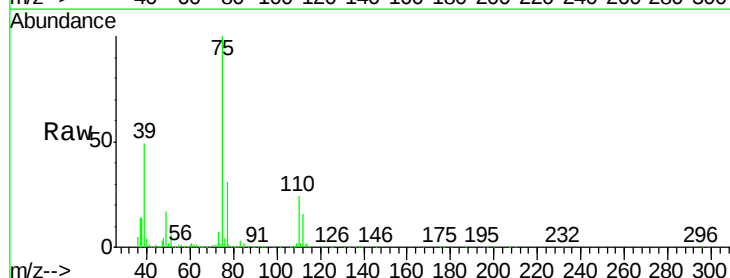
Tgt Ion: 75 Resp: 113172

Ion Ratio Lower Upper

75 100

77 30.5 26.2 39.2

39 48.1 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

8.43

60000

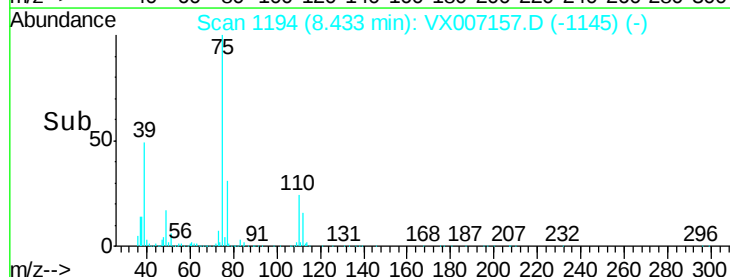
40000

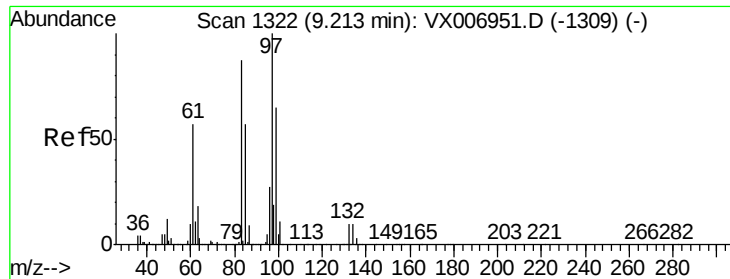
20000

0

Time-->

8.35 8.40 8.45 8.50 8.55





#55

1,1,2-Trichloroethane

Concen: 18.726 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

Tot Ion: 97 Resp: 86597

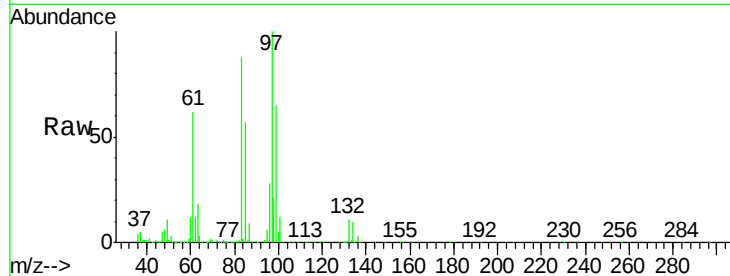
Ion	Ratio	Lower	Upper
97	100		
83	87.9	66.6	99.8
85	57.2	42.7	64.1
99	64.5	50.8	76.2

97 100

83 87.9 66.6 99.8

85 57.2 42.7 64.1

99 64.5 50.8 76.2



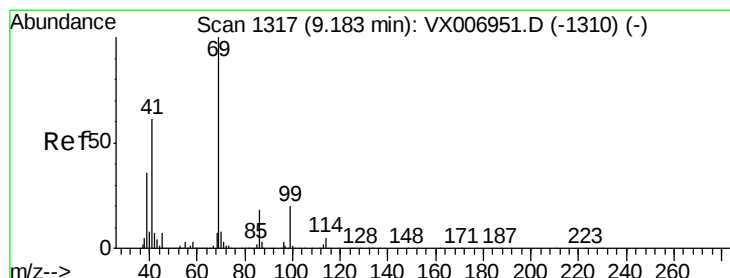
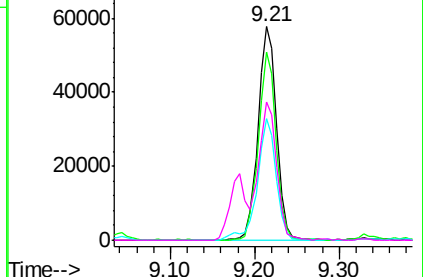
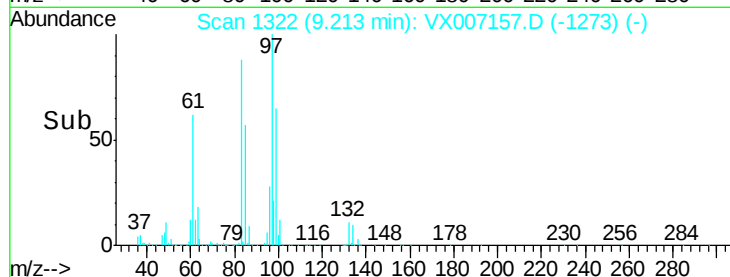
Abundance Ion 96.90 (96.60 to 97.60): VX0

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

Time-->



#56

Ethyl methacrylate

Concen: 17.921 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

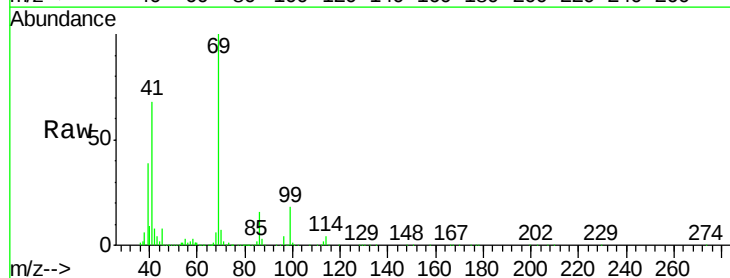
Tgt Ion: 69 Resp: 120985

Ion	Ratio	Lower	Upper
69	100		
41	65.7	48.7	73.1
39	38.4	27.0	40.6

69 100

41 65.7 48.7 73.1

39 38.4 27.0 40.6

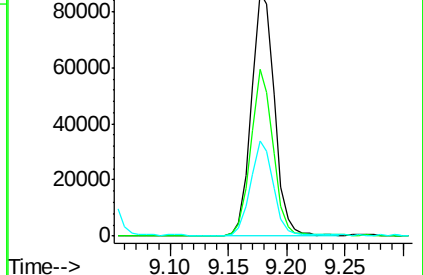
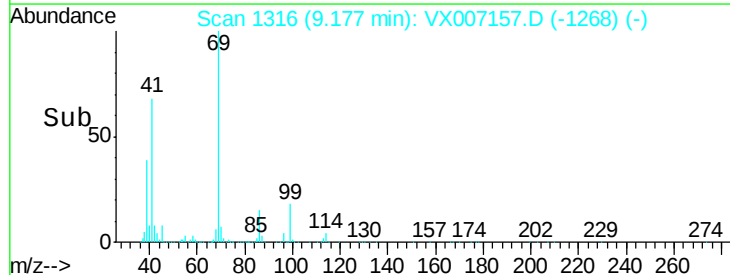


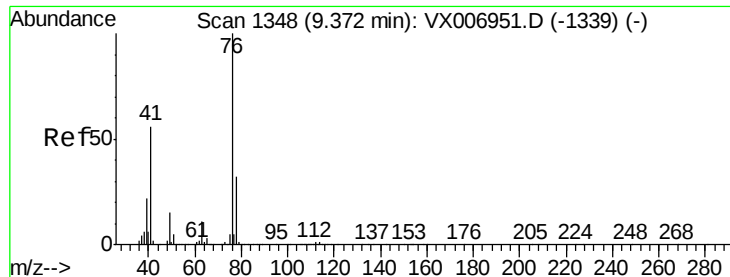
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 18.219 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

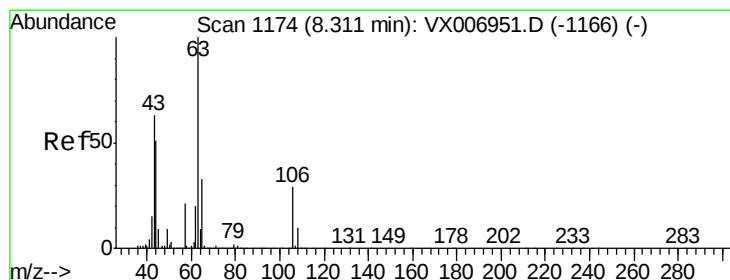
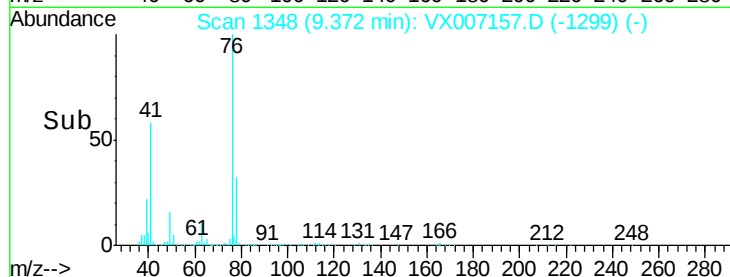
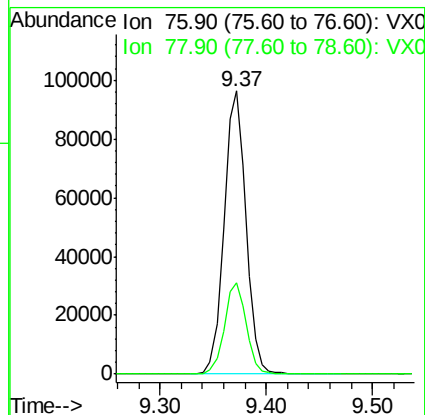
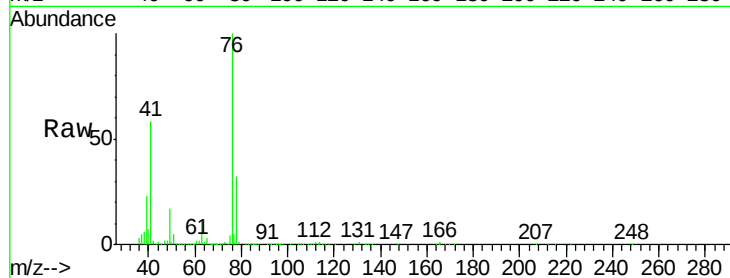
VX0121WBSD01

Tot Ion: 76 Resp: 138035

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 96.828 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007157.D

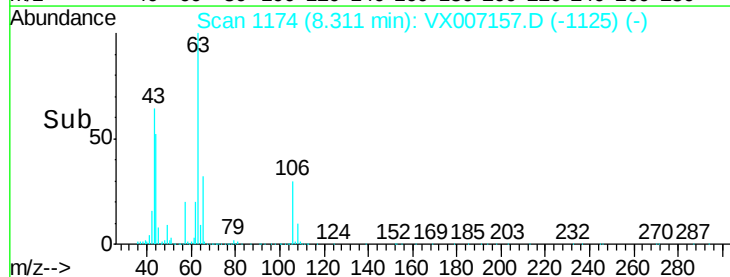
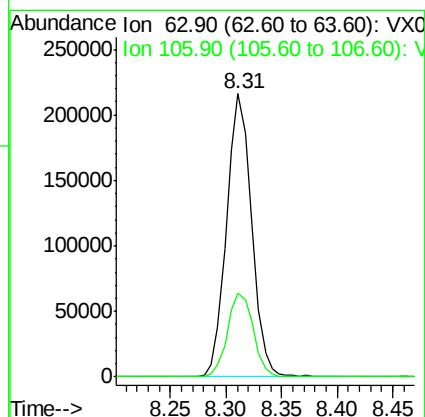
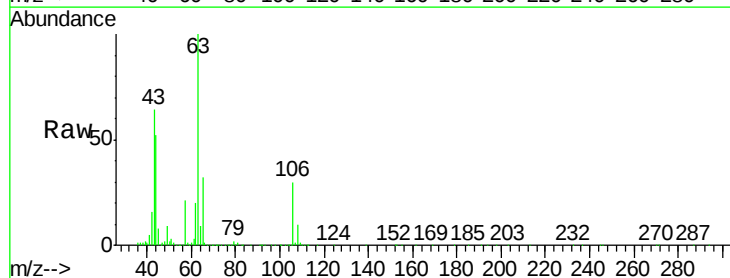
Acq: 21 Jan 2019 14:29

Tgt Ion: 63 Resp: 336108

Ion Ratio Lower Upper

63 100

106 30.5 24.6 36.8

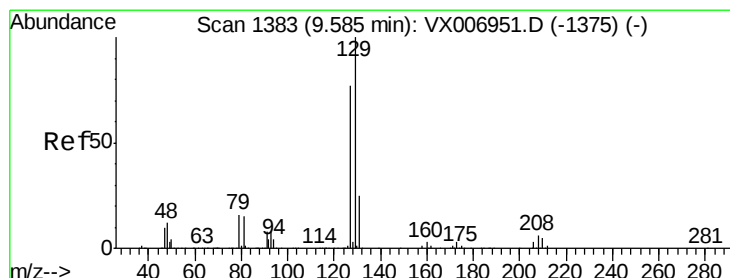
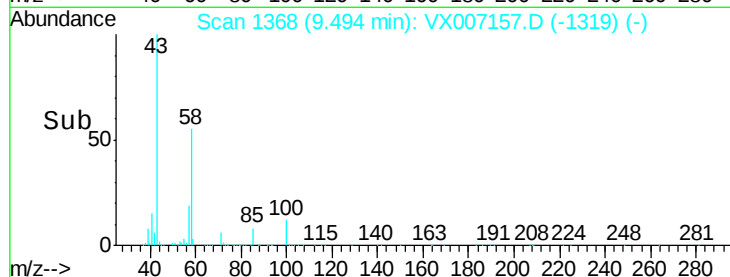
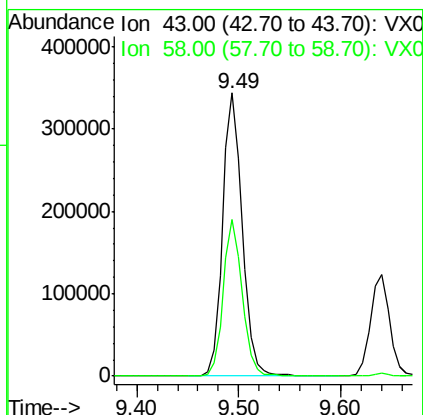
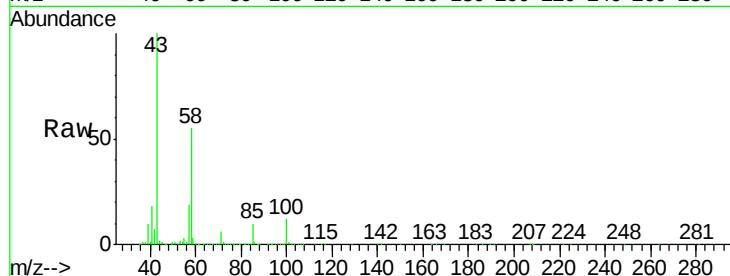




#59
2-Hexanone
Concen: 94.555 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

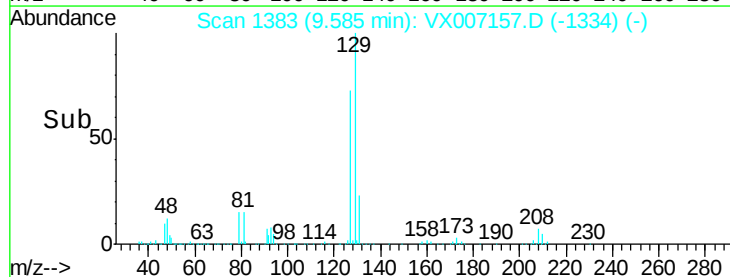
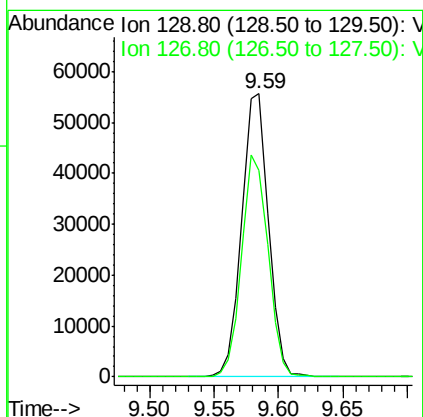
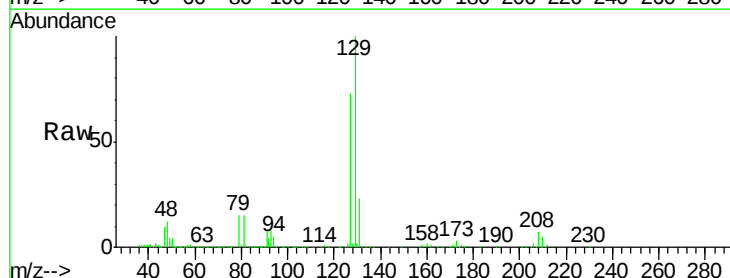
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

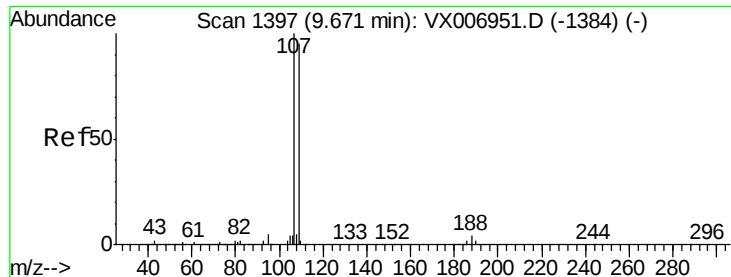
Tot Ion: 43 Resp: 461339
Ion Ratio Lower Upper
43 100
58 53.4 27.7 83.1



#60
Dibromochloromethane
Concen: 17.767 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 129 Resp: 79782
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.8





#61

1,2-Dibromoethane

Concen: 17.861 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

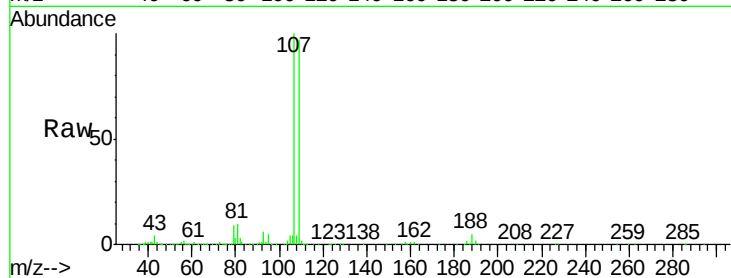
VX0121WBSD01

Tot Ion:107 Resp: 90933

Ion Ratio Lower Upper

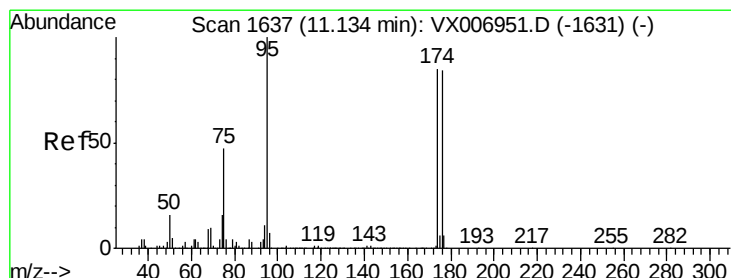
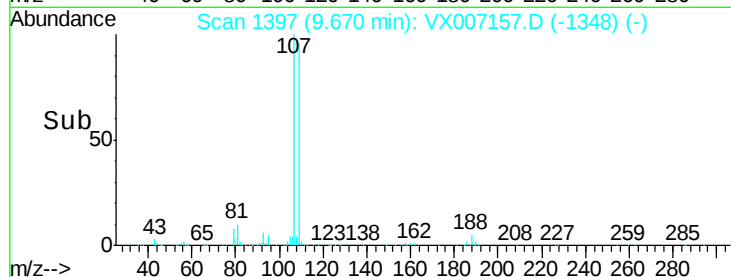
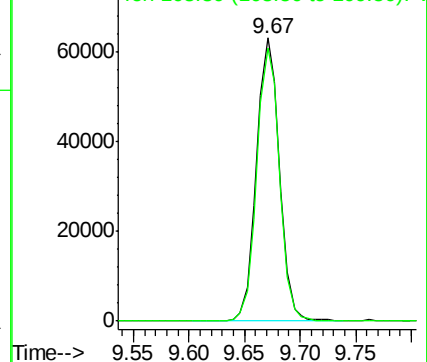
107 100

109 95.2 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.657 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

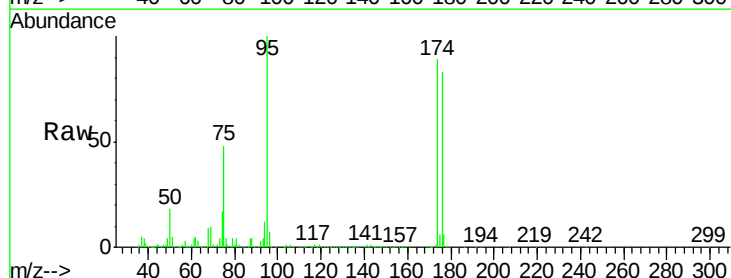
Tgt Ion: 95 Resp: 297116

Ion Ratio Lower Upper

95 100

174 93.4 0.0 182.2

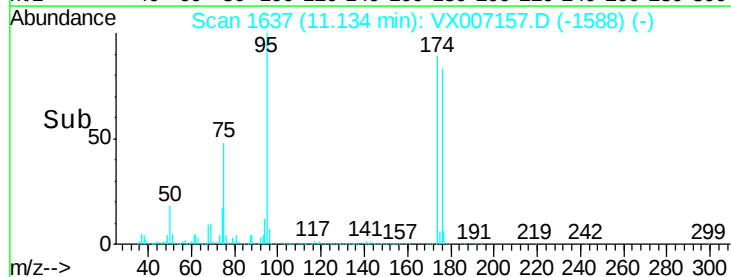
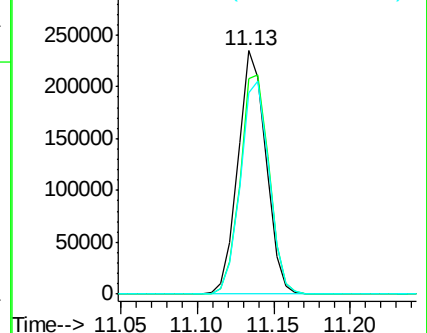
176 90.1 0.0 178.8

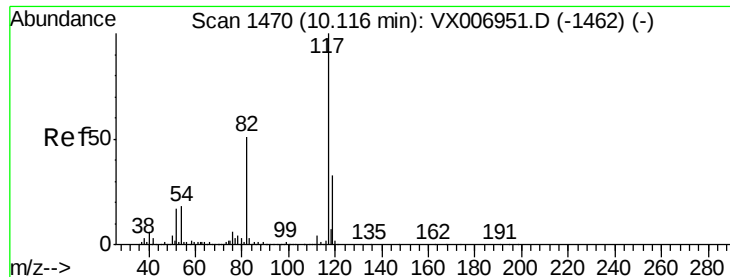


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

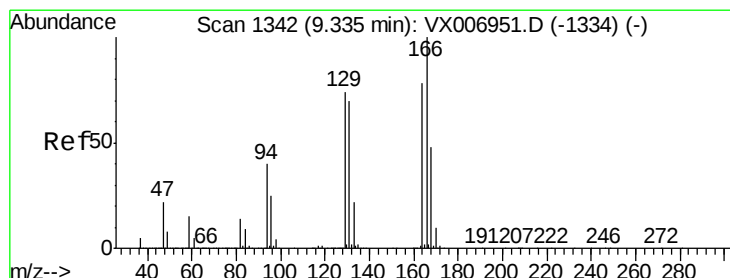
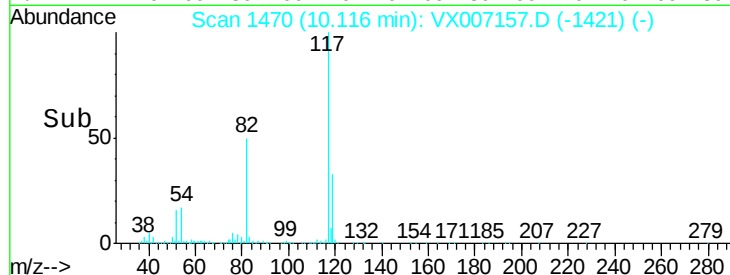
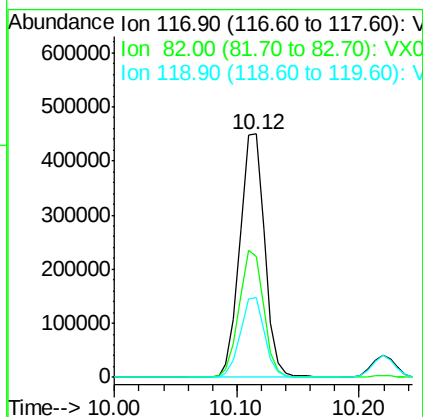
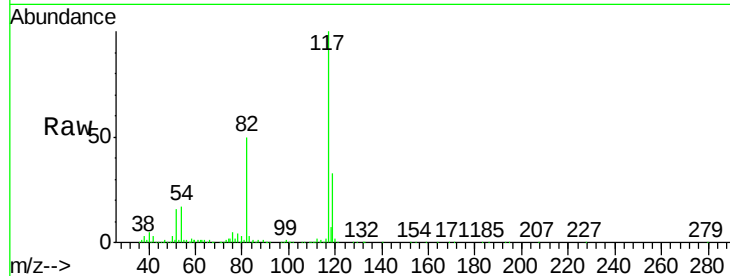




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

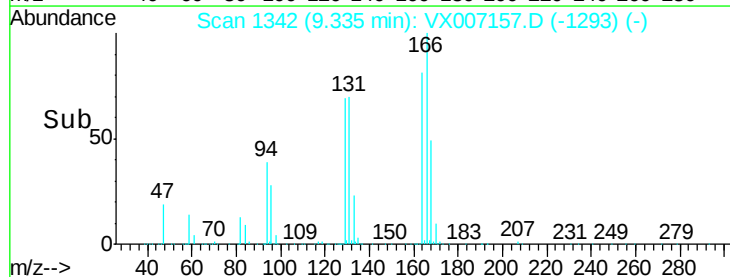
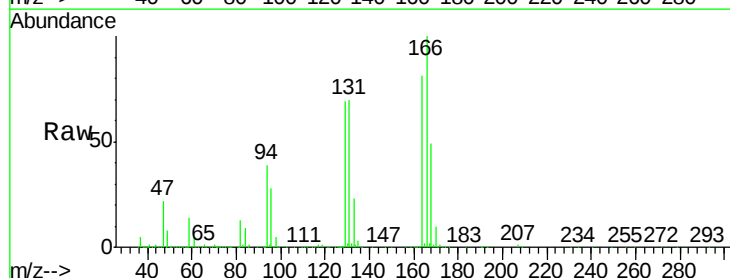
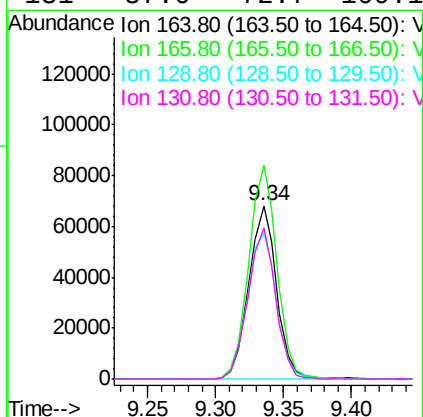
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

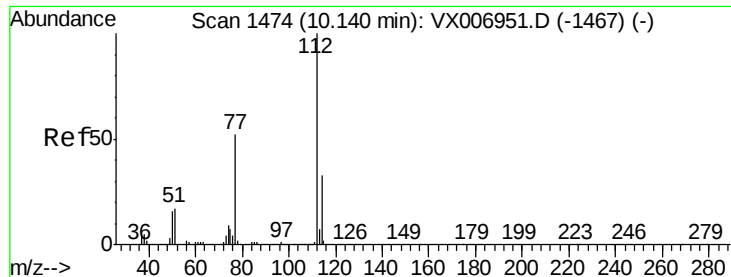
Tot Ion:117 Resp: 630516
Ion Ratio Lower Upper
117 100
82 49.7 41.0 61.6
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 17.791 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion:164 Resp: 97118
Ion Ratio Lower Upper
164 100
166 123.5 102.5 153.7
129 84.6 75.1 112.7
131 87.0 72.7 109.1





#65

Chlorobenzene

Concen: 17.427 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

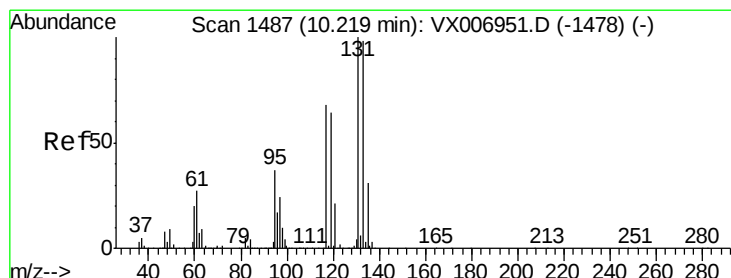
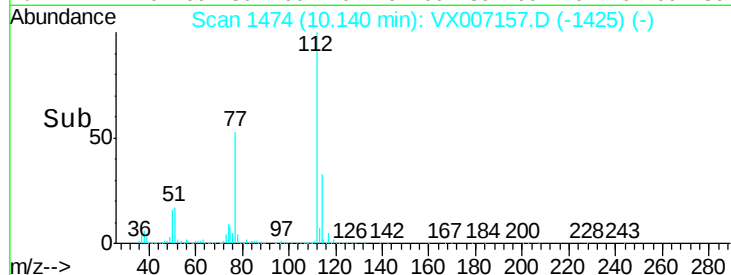
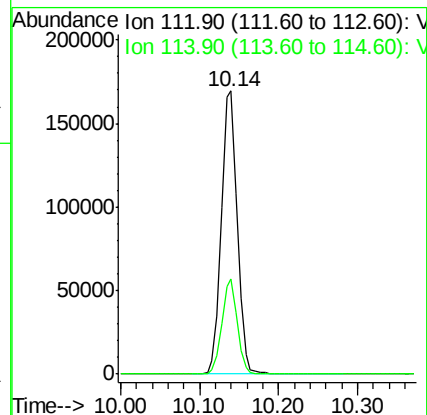
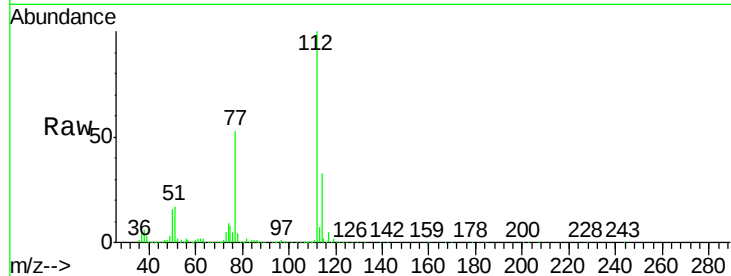
VX0121WBSD01

Tot Ion:112 Resp: 239657

Ion Ratio Lower Upper

112 100

114 33.5 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 17.777 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

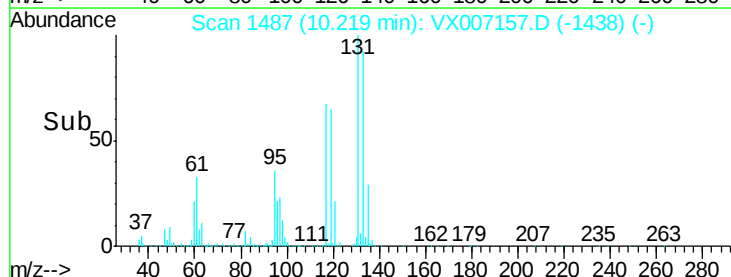
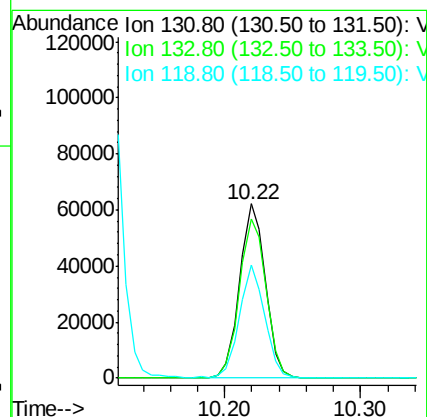
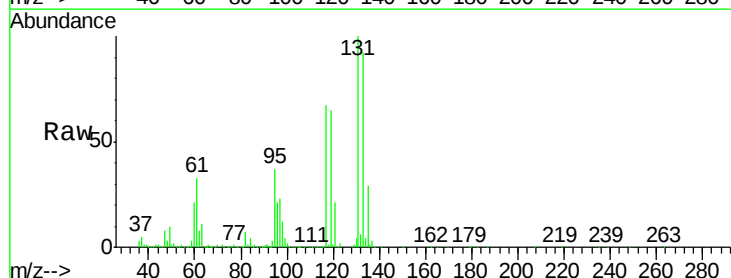
Tgt Ion:131 Resp: 82240

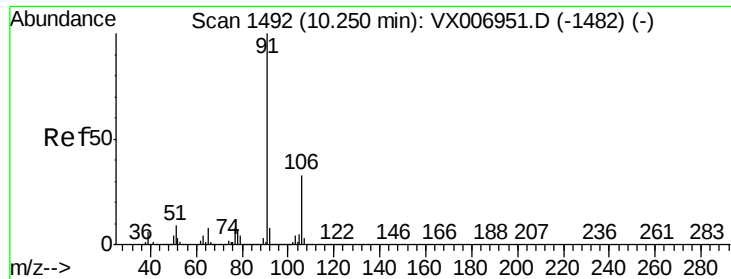
Ion Ratio Lower Upper

131 100

133 94.9 48.0 144.2

119 63.8 32.6 97.8





#67

Ethyl Benzene

Concen: 17.241 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

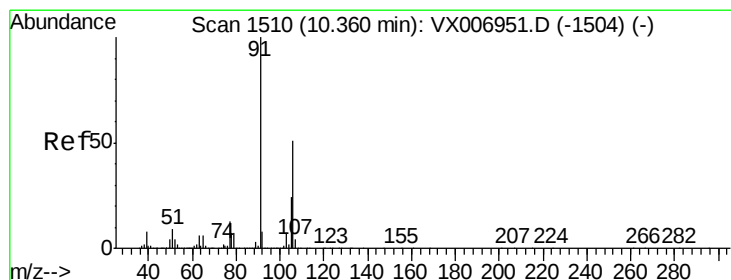
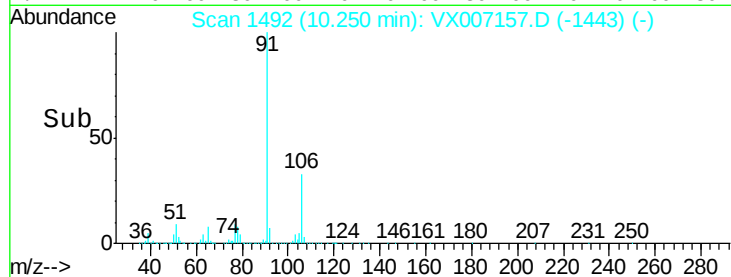
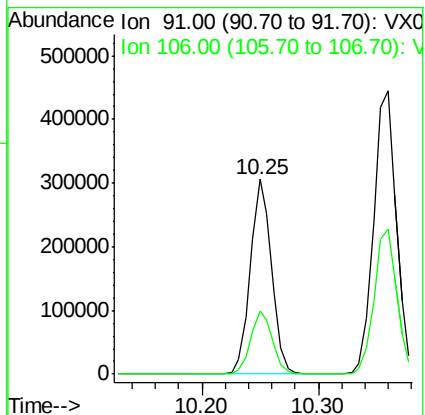
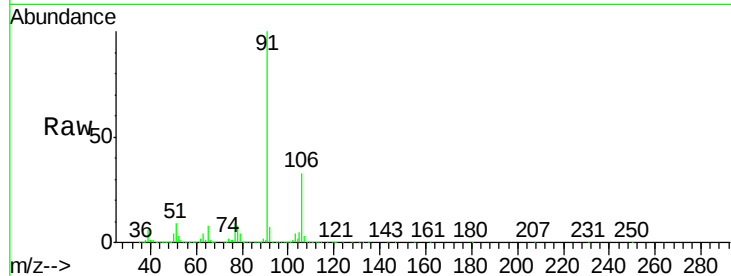
VX0121WBSD01

Tot Ion: 91 Resp: 391410

Ion Ratio Lower Upper

91 100

106 32.8 26.4 39.6



#68

m/p-Xylenes

Concen: 34.758 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007157.D

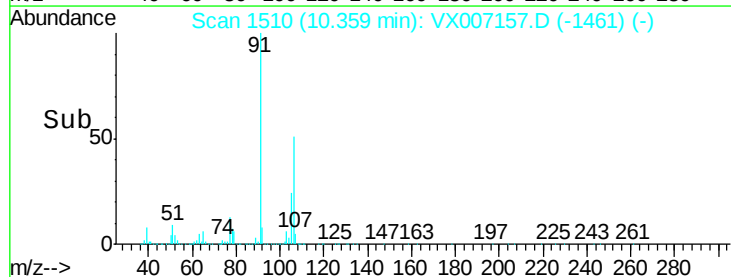
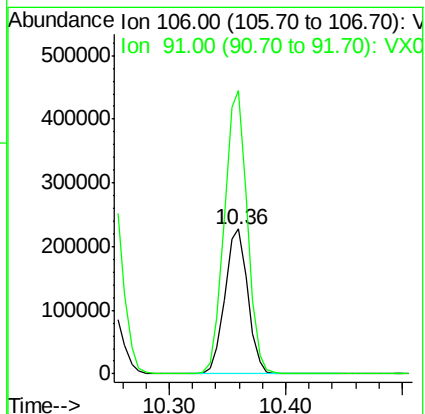
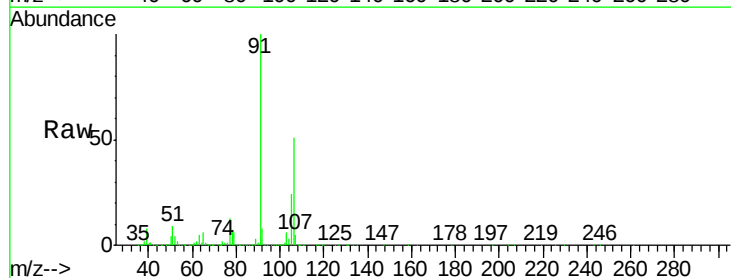
Acq: 21 Jan 2019 14:29

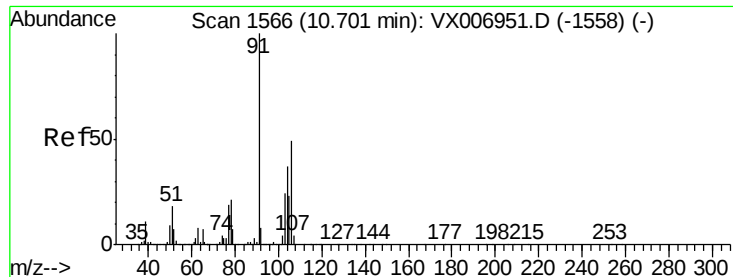
Tgt Ion: 106 Resp: 310895

Ion Ratio Lower Upper

106 100

91 194.4 155.8 233.6

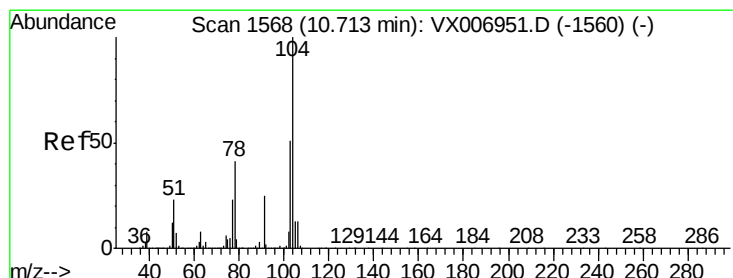
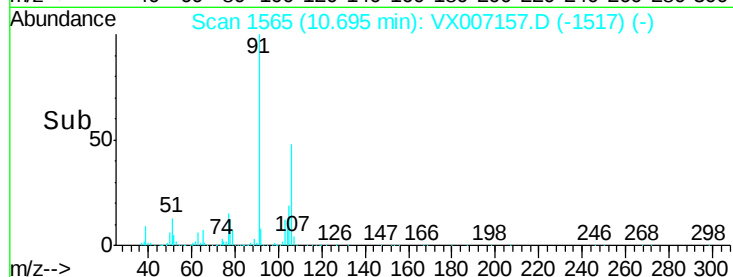
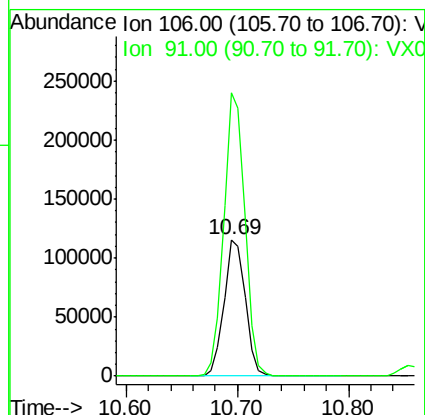
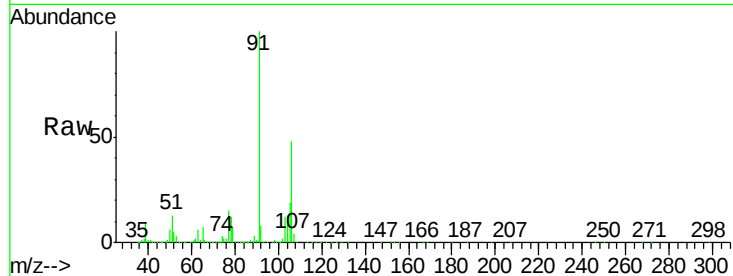




#69
o-Xylene
Concen: 17.629 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

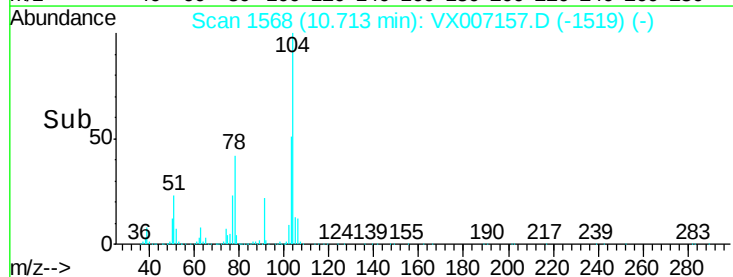
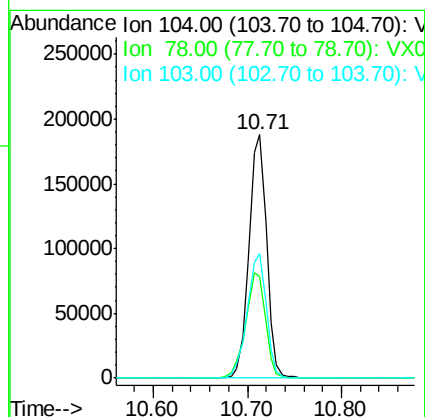
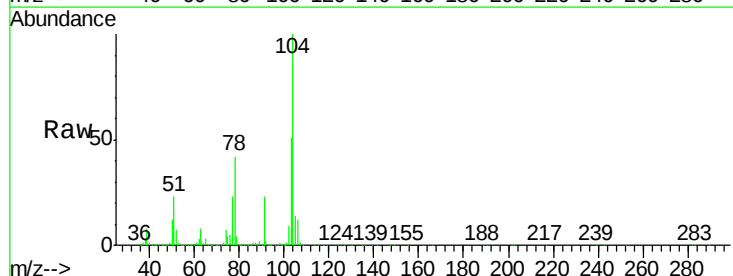
Instrument :
MSVOA_X
ClientSampled :
VX0121WBSD01

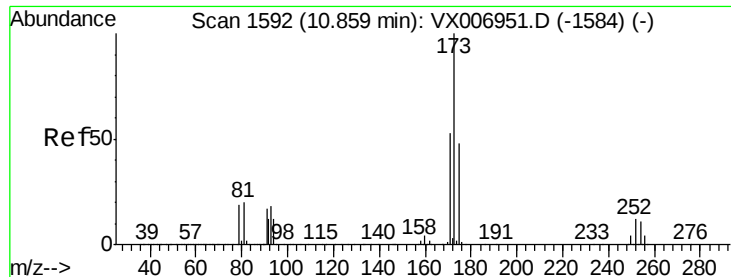
Tot Ion:106 Resp: 153781
Ion Ratio Lower Upper
106 100
91 205.7 101.3 303.7



#70
Styrene
Concen: 17.872 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion:104 Resp: 246918
Ion Ratio Lower Upper
104 100
78 48.3 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 17.462 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

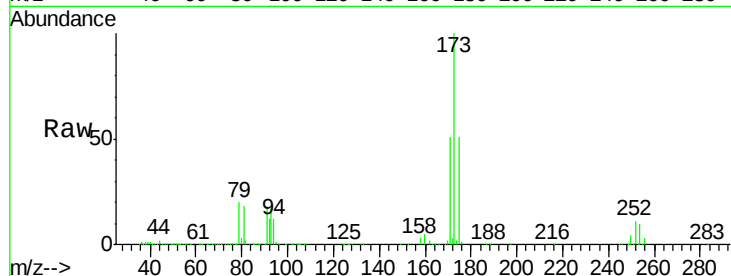
Tot Ion:173 Resp: 58210

Ion Ratio Lower Upper

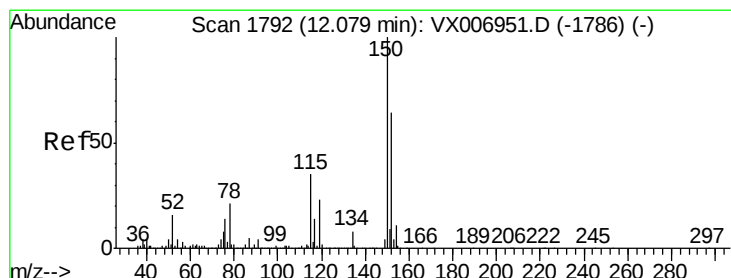
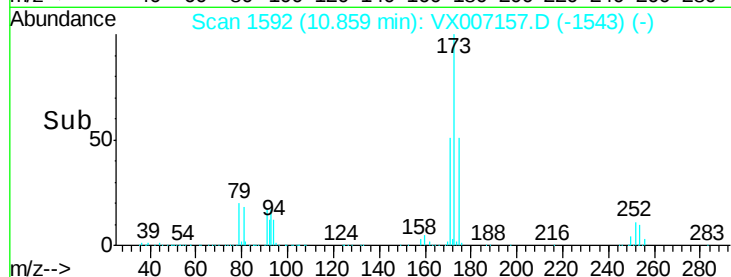
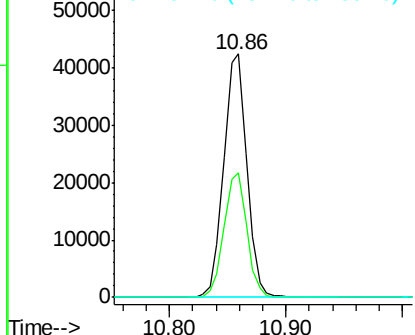
173 100

175 50.6 24.7 74.1

254 0.3 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: VX007157.D

Acq: 21 Jan 2019 14:29

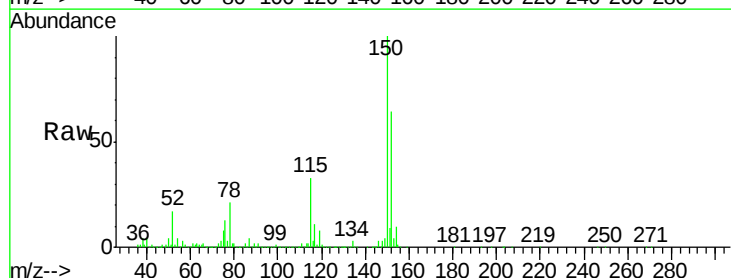
Tgt Ion:152 Resp: 331312

Ion Ratio Lower Upper

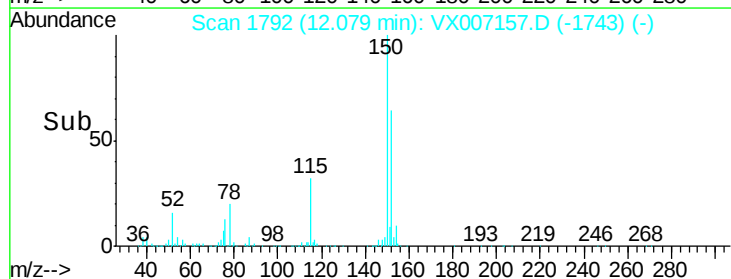
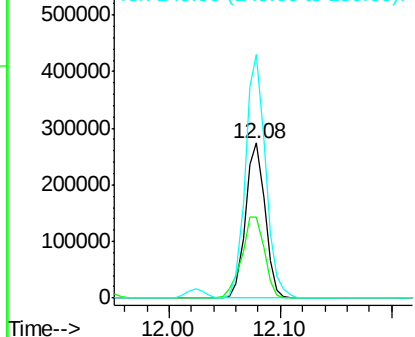
152 100

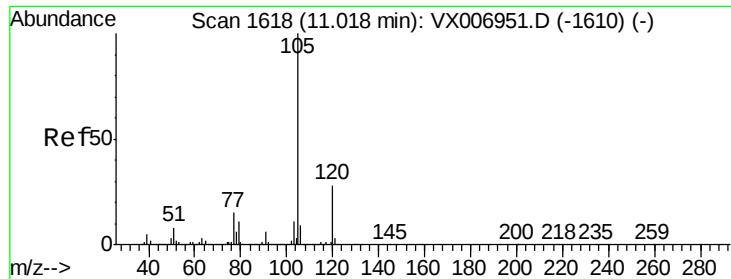
115 61.7 39.1 117.2

150 162.7 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: 17.392 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

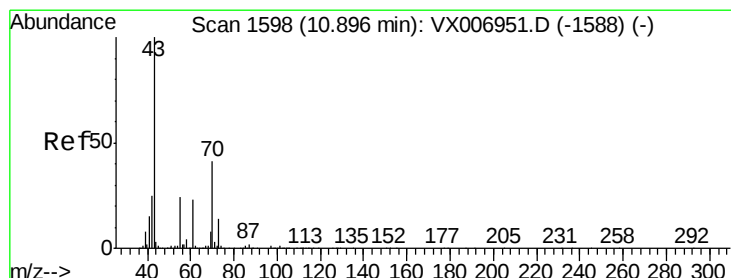
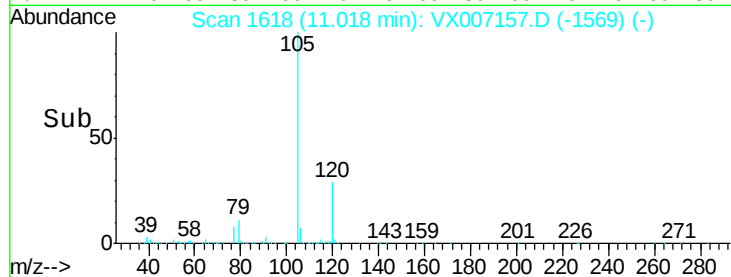
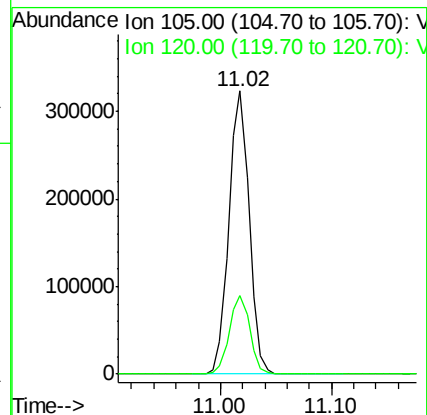
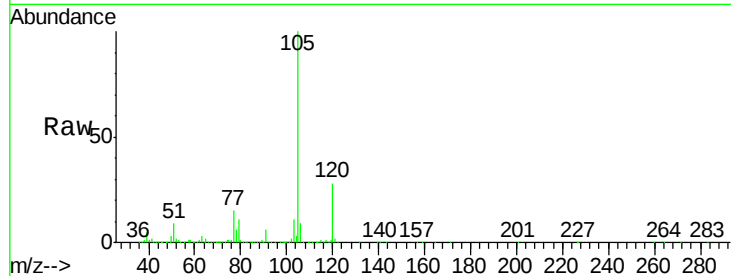
VX0121WBSD01

Tot Ion:105 Resp: 406313

Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.4



#74

N-ethyl acetate

Concen: 16.653 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Tgt Ion: 43 Resp: 156638

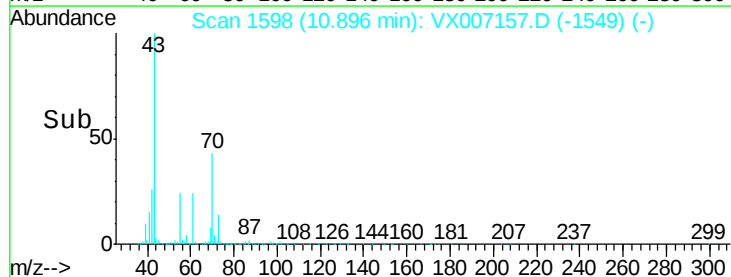
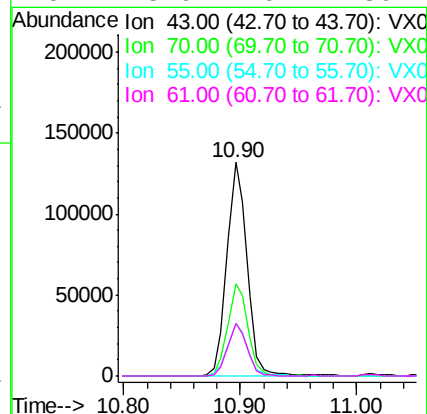
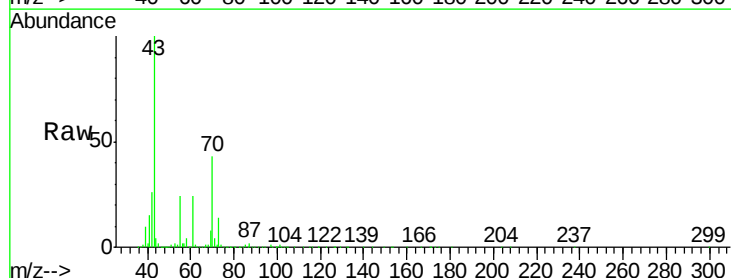
Ion Ratio Lower Upper

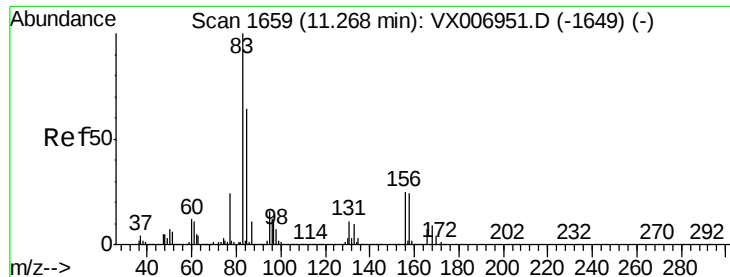
43 100

70 44.1 35.8 53.8

55 24.6 19.4 29.0

61 23.9 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 17.241 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

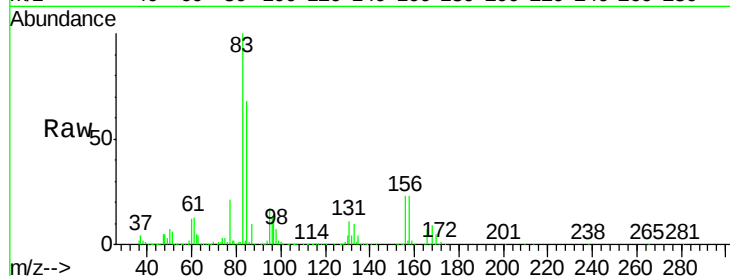
Tot Ion: 83 Resp: 127873

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

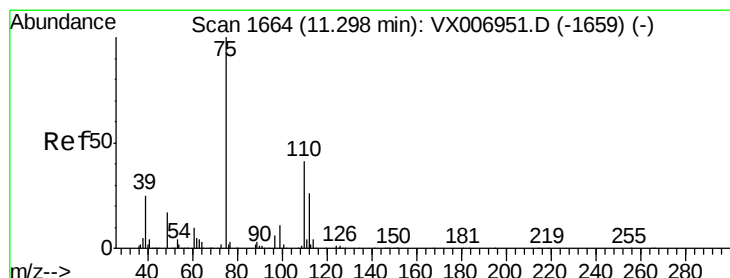
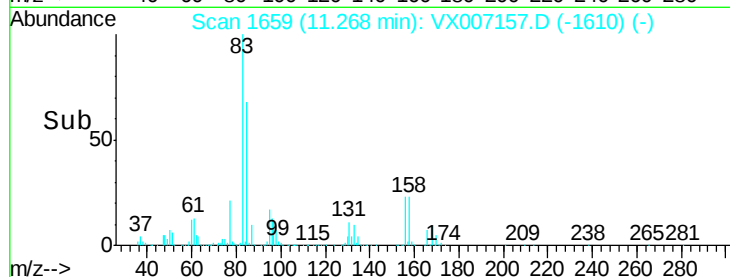
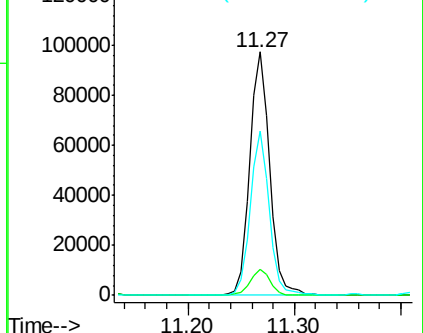
85 64.6 32.2 96.6



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: 20.345 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007157.D

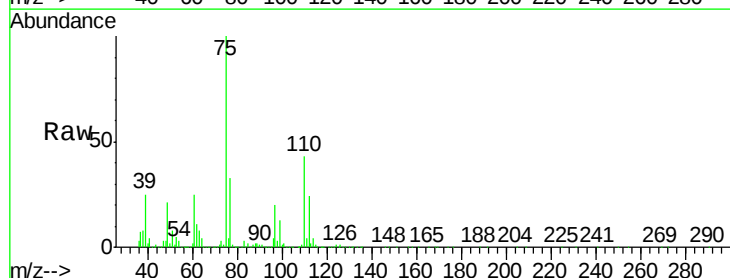
Acq: 21 Jan 2019 14:29

Tgt Ion: 75 Resp: 136591

Ion Ratio Lower Upper

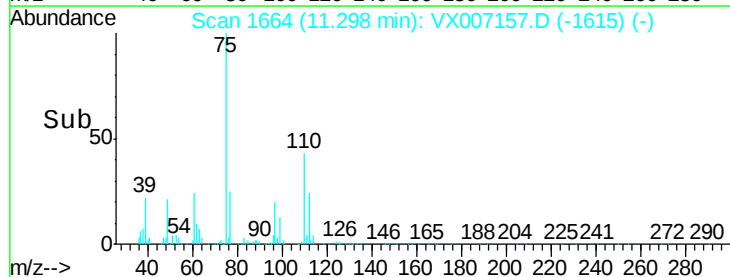
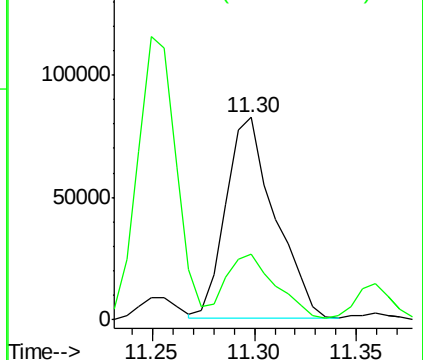
75 100

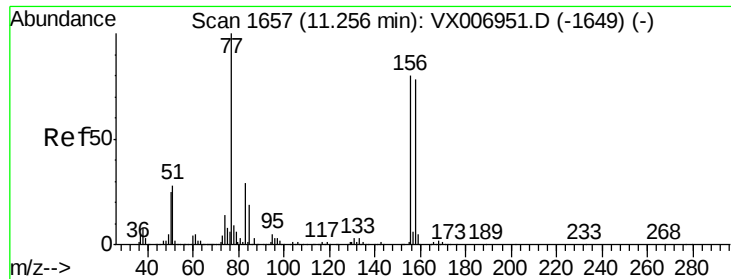
77 33.8 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.371 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

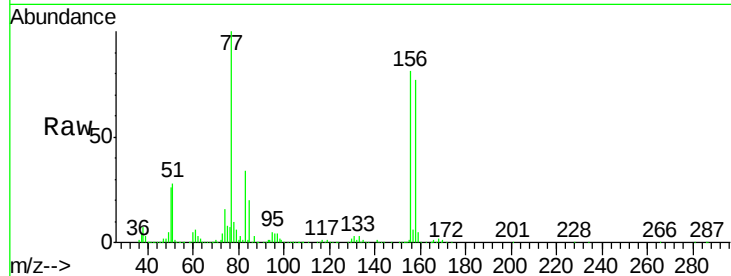
Tot Ion:156 Resp: 111820

Ion Ratio Lower Upper

156 100

77 135.2 68.0 204.0

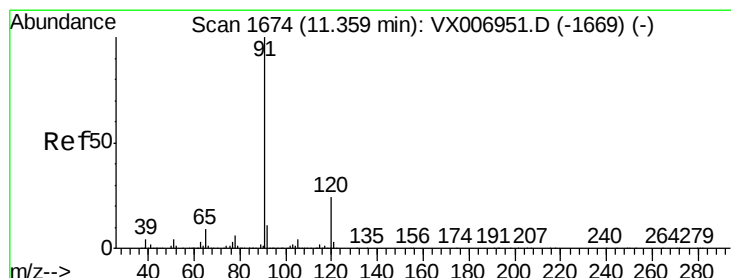
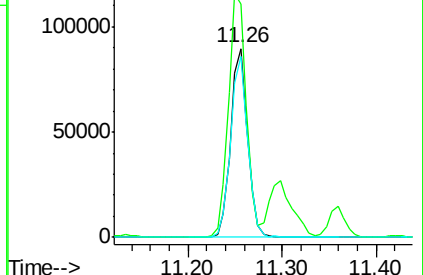
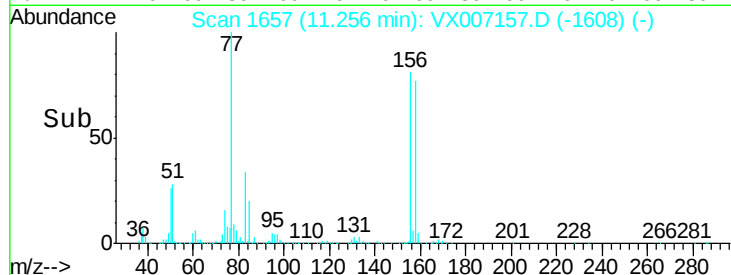
158 96.5 48.3 144.8



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: 17.548 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007157.D

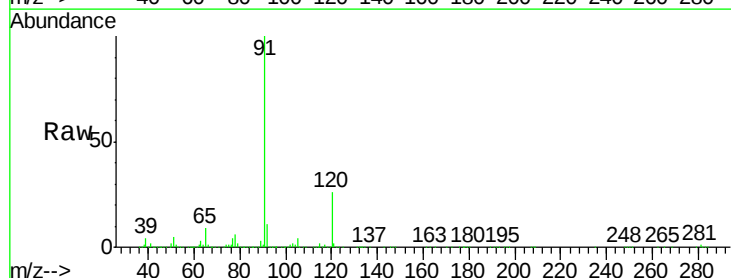
Acq: 21 Jan 2019 14:29

Tgt Ion: 91 Resp: 450059

Ion Ratio Lower Upper

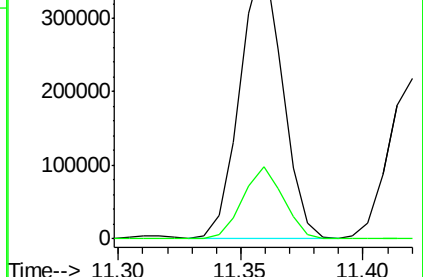
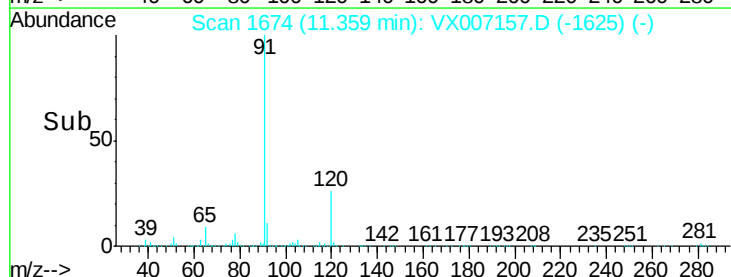
91 100

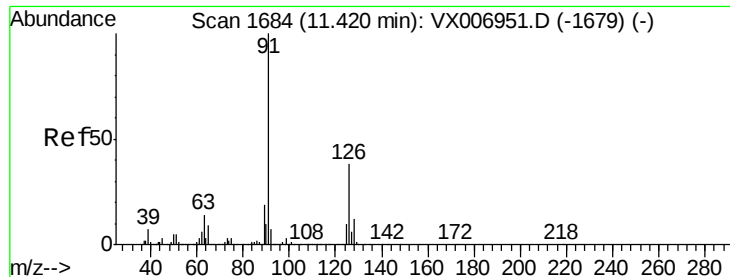
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.634 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

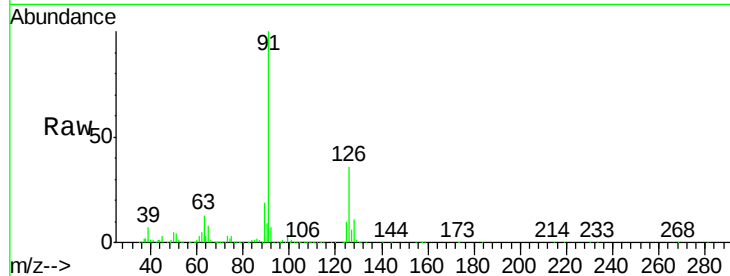
VX0121WBSD01

Tot Ion: 91 Resp: 272240

Ion Ratio Lower Upper

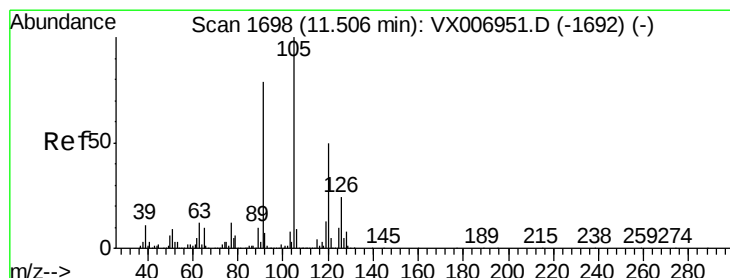
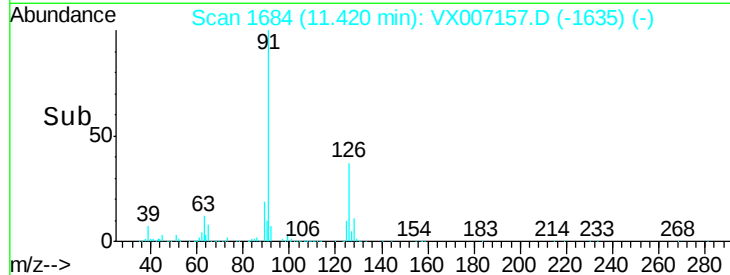
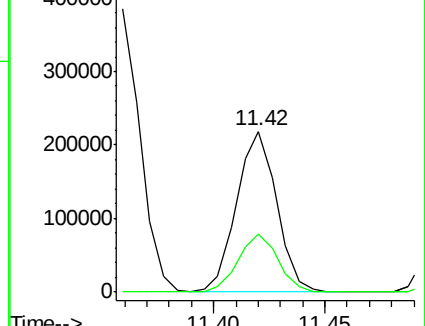
91 100

126 36.5 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.316 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007157.D

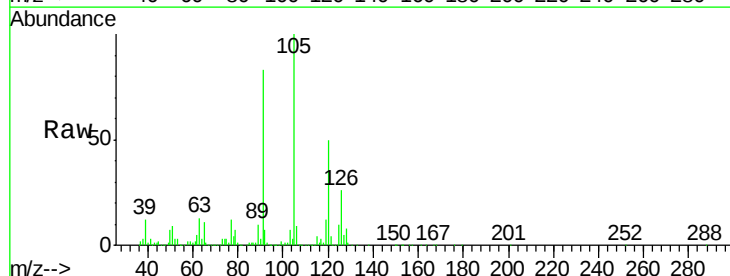
Acq: 21 Jan 2019 14:29

Tgt Ion:105 Resp: 338026

Ion Ratio Lower Upper

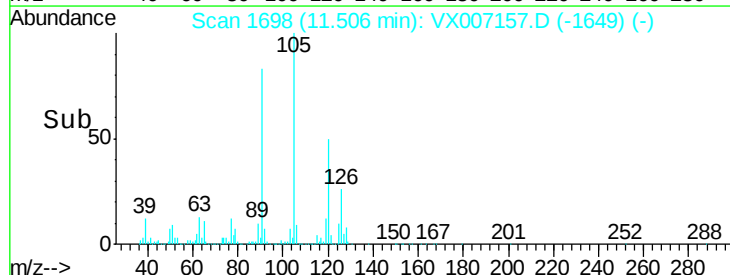
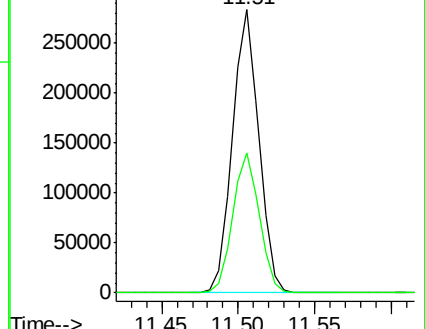
105 100

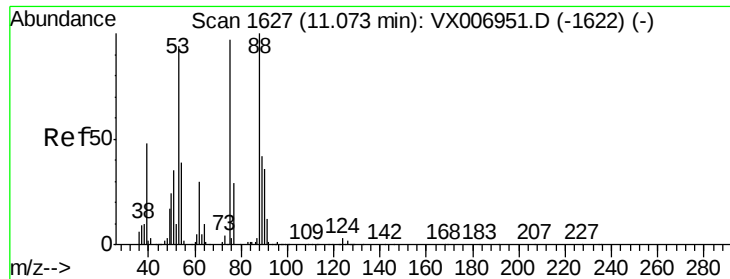
120 49.8 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 15.919 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

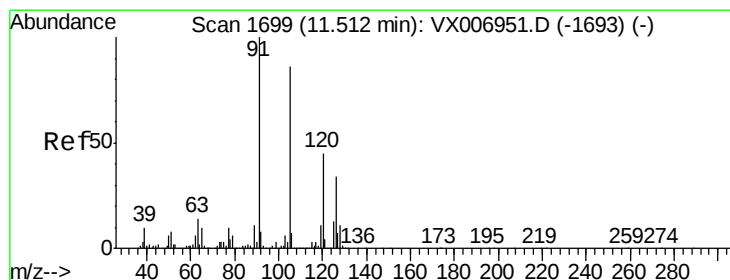
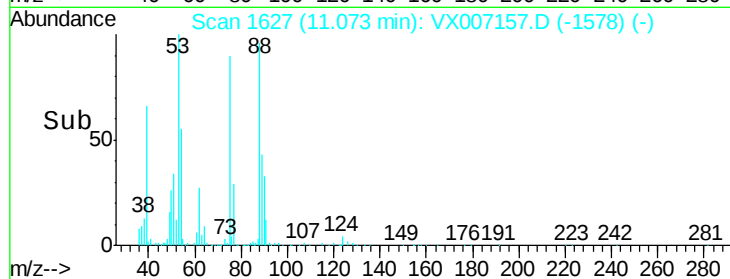
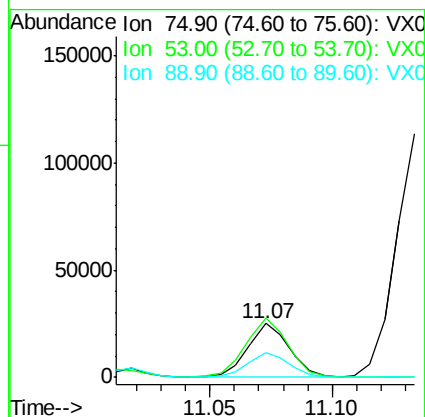
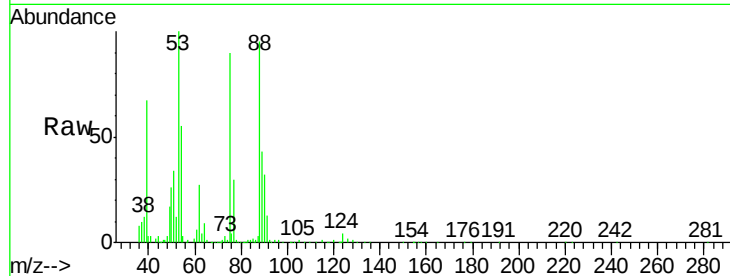
Tot Ion: 75 Resp: 29209

Ion	Ratio	Lower	Upper
75	100		
53	114.3	79.7	119.5
89	49.8	38.0	57.0

75 100

53 114.3 79.7 119.5

89 49.8 38.0 57.0



#82

4-Chlorotoluene

Concen: 17.617 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007157.D

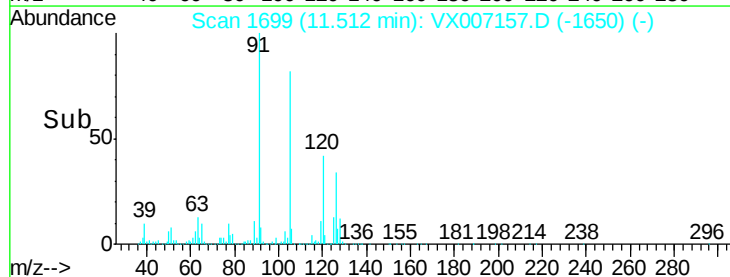
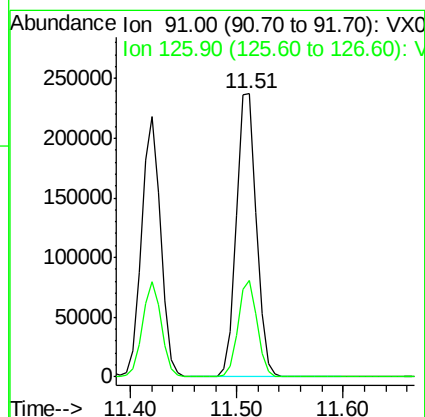
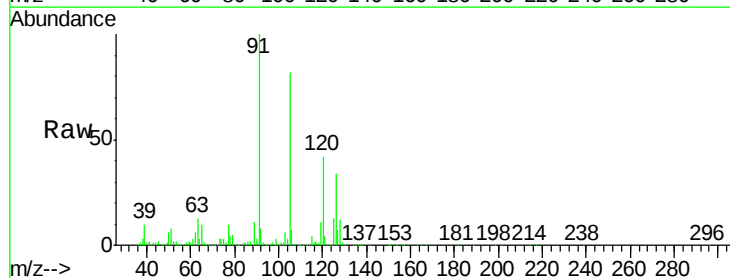
Acq: 21 Jan 2019 14:29

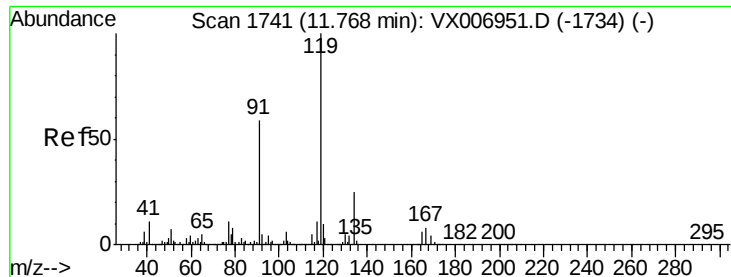
Tgt Ion: 91 Resp: 314900

Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9

91 100

126 32.5 16.3 48.9





#83

tert-Butylbenzene

Concen: 17.042 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampled :

VX0121WBSD01

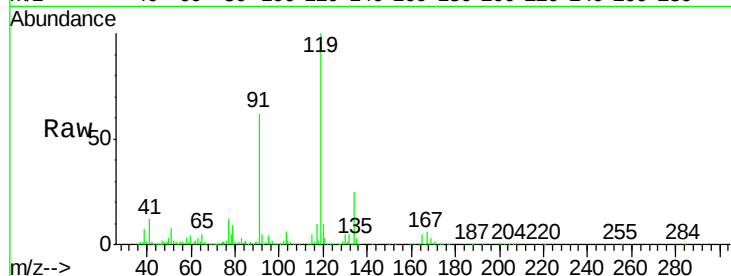
Tot Ion:119 Resp: 331919

Ion Ratio Lower Upper

119 100

91 56.7 27.7 83.1

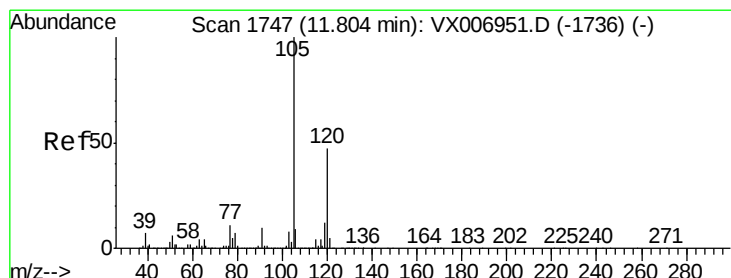
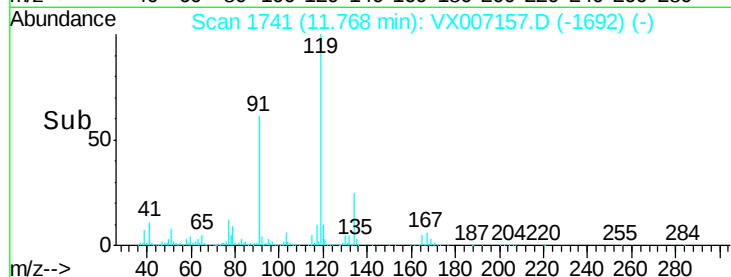
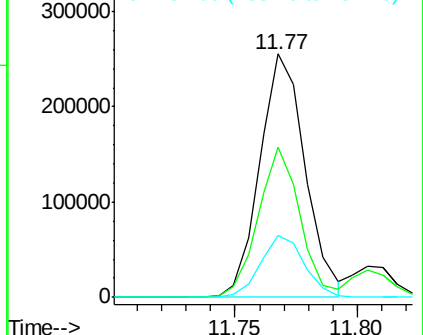
134 24.4 11.9 35.5



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: 17.614 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007157.D

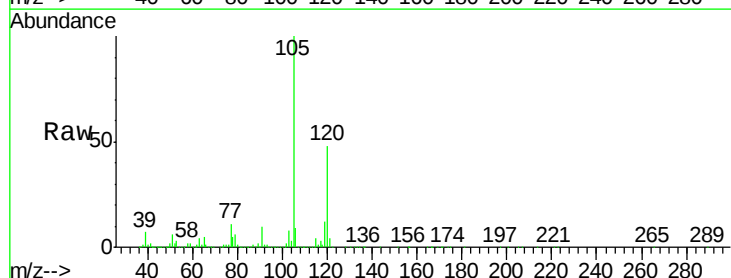
Acq: 21 Jan 2019 14:29

Tgt Ion:105 Resp: 345768

Ion Ratio Lower Upper

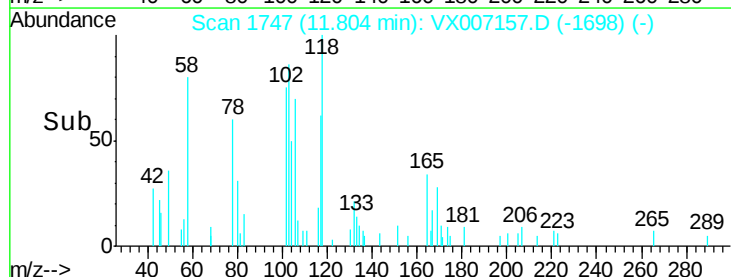
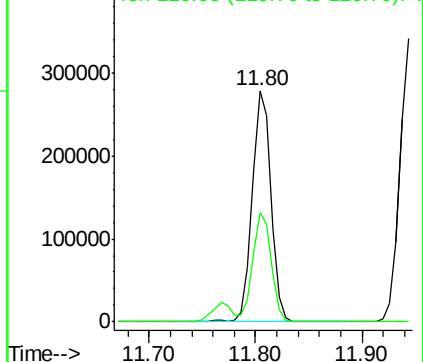
105 100

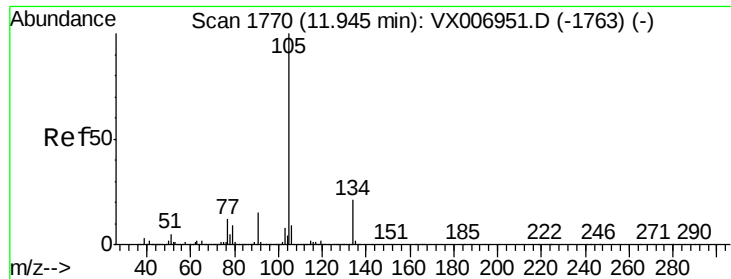
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 17.576 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

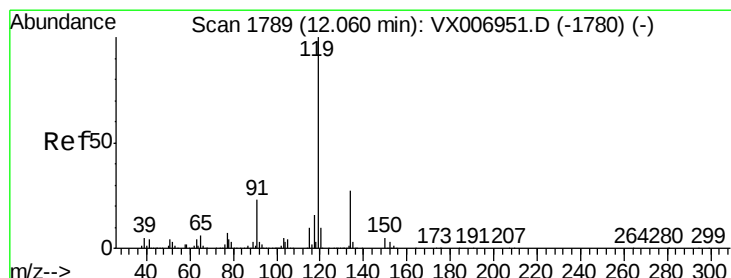
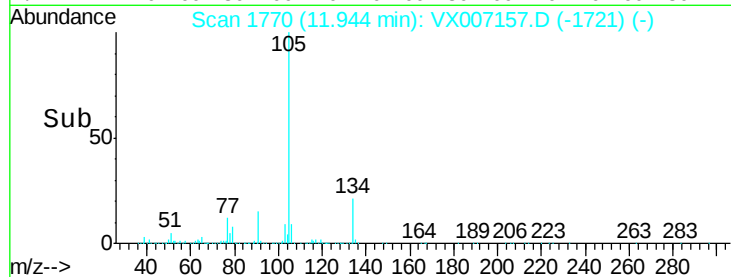
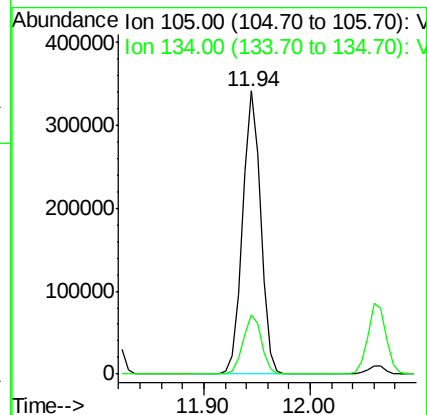
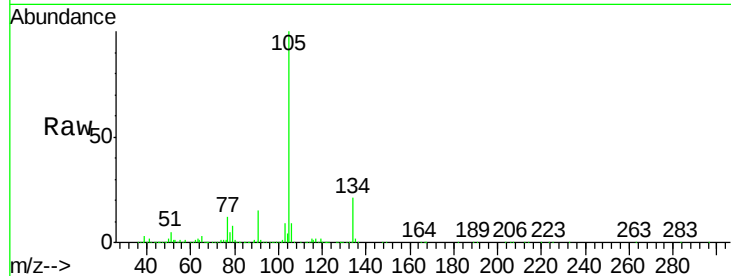
VX0121WBSD01

Tot Ion:105 Resp: 408813

Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9



#86

p-Isopropyltoluene

Concen: 17.683 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

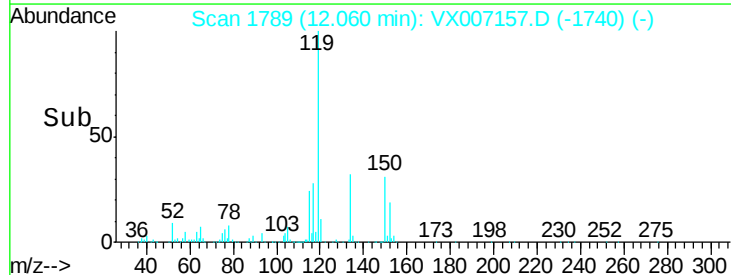
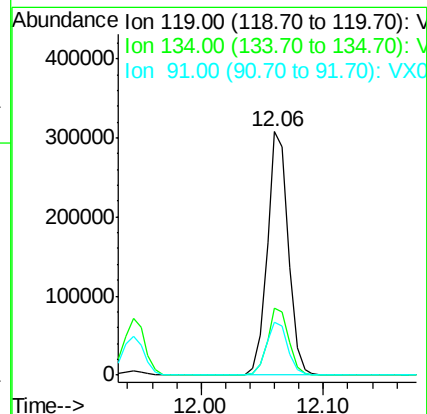
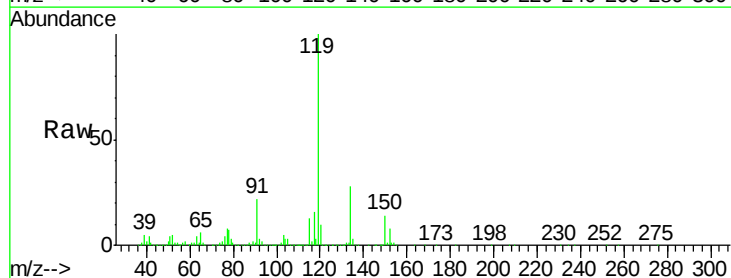
Tgt Ion:119 Resp: 367912

Ion Ratio Lower Upper

119 100

134 27.9 14.0 41.9

91 22.6 11.3 33.9

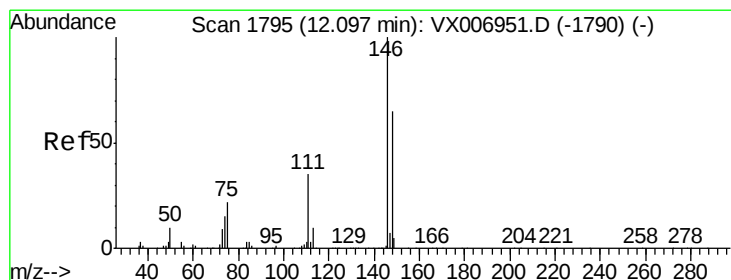
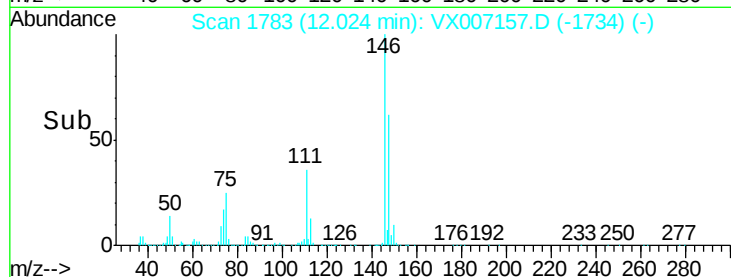
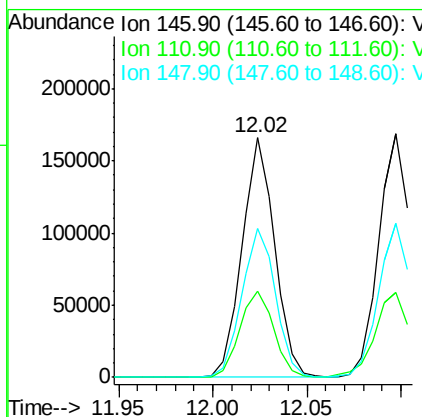
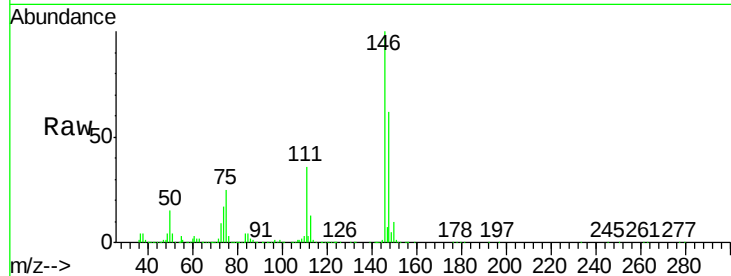




#87
 1,3-Dichlorobenzene
 Concen: 17.122 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007157.D
 Acq: 21 Jan 2019 14:29

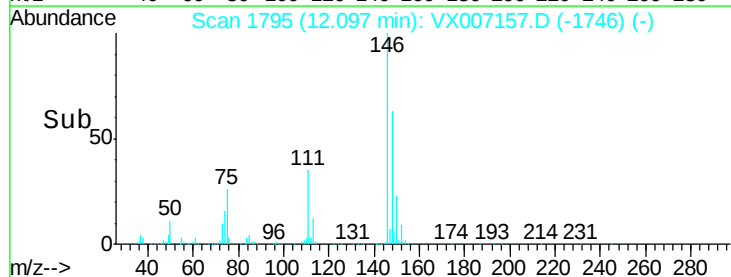
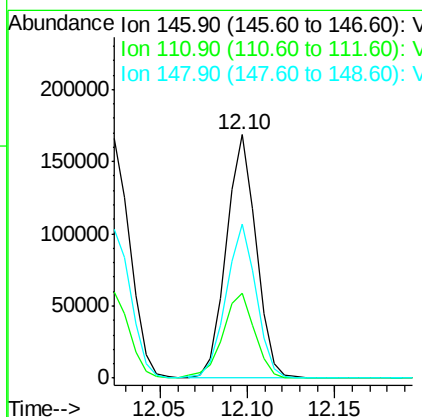
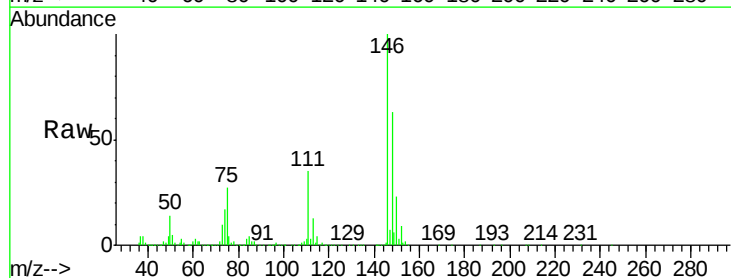
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion:146 Resp: 199219
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.6 55.8
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.204 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007157.D
 Acq: 21 Jan 2019 14:29

Tgt Ion:146 Resp: 199665
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.1 54.1
 148 64.4 31.9 95.9

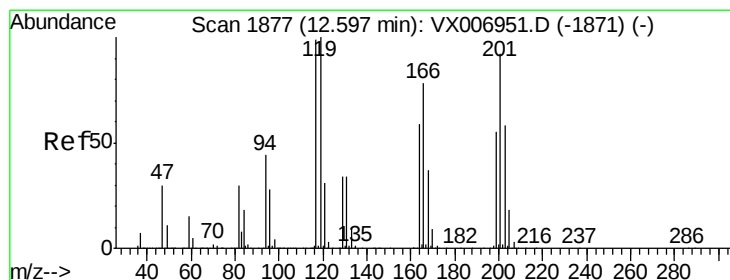
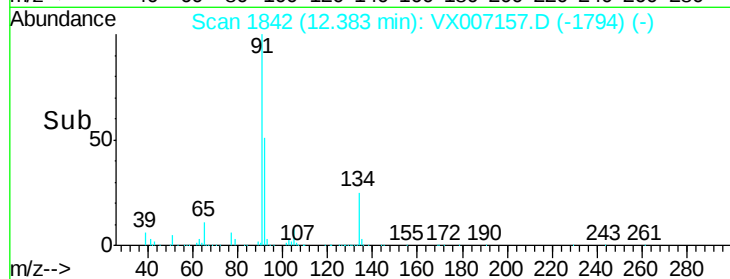
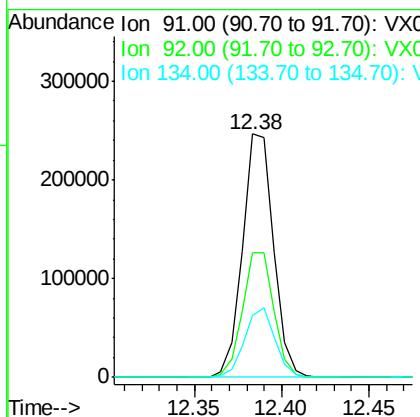
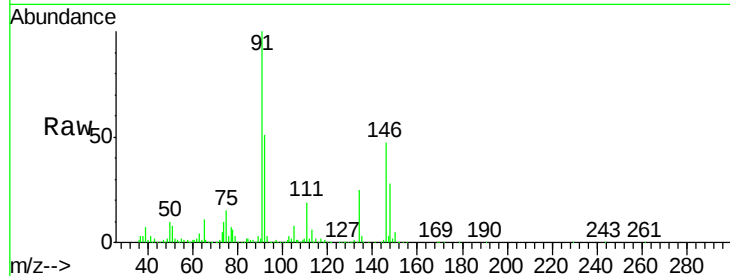




#89
n-Butylbenzene
Concen: 17.095 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

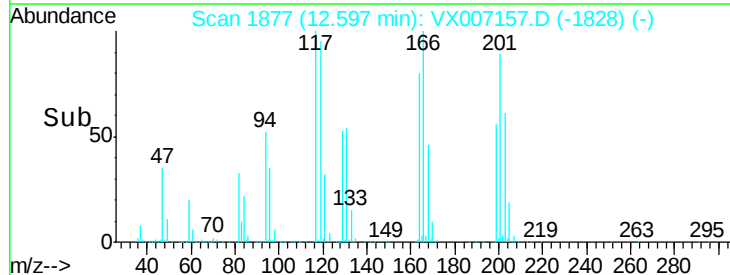
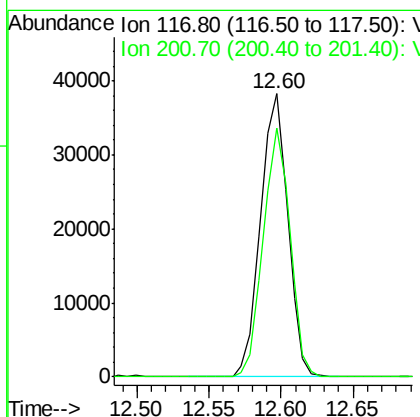
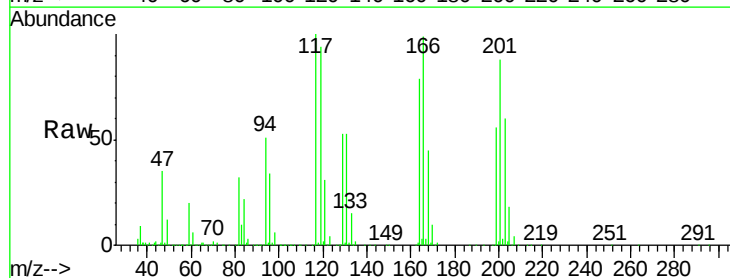
Instrument :
MSVOA_X
ClientSampleId :
VX0121WBSD01

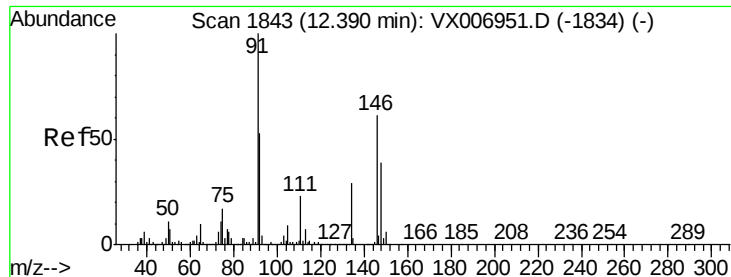
Tot Ion: 91 Resp: 303204
Ion Ratio Lower Upper
91 100
92 51.8 26.8 80.4
134 27.9 14.4 43.2



#90
Hexachloroethane
Concen: 17.112 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007157.D
Acq: 21 Jan 2019 14:29

Tgt Ion: 117 Resp: 50091
Ion Ratio Lower Upper
117 100
201 86.2 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 17.319 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

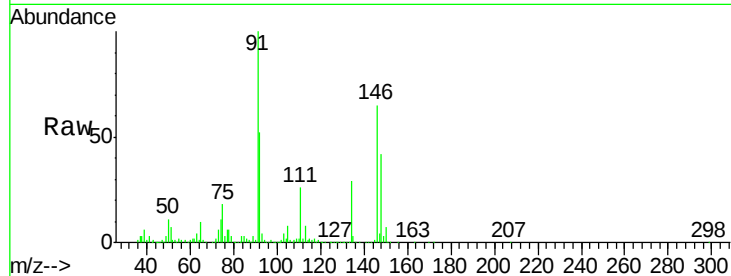
Tot Ion:146 Resp: 198854

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

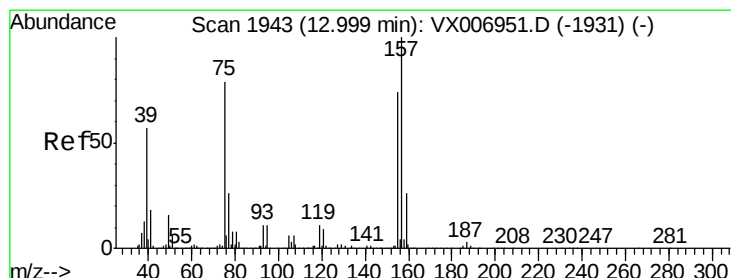
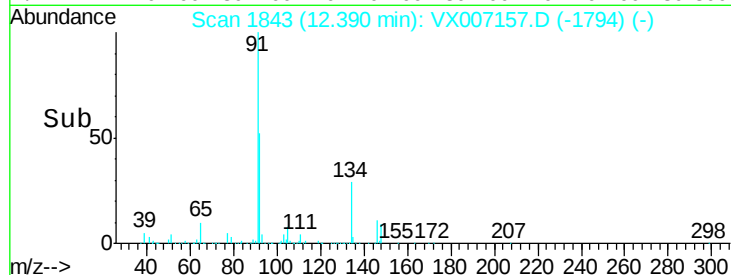
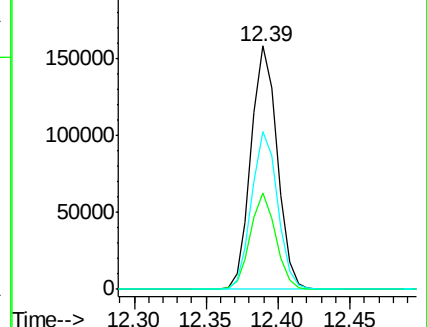
148 64.4 32.3 96.9



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: 17.256 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

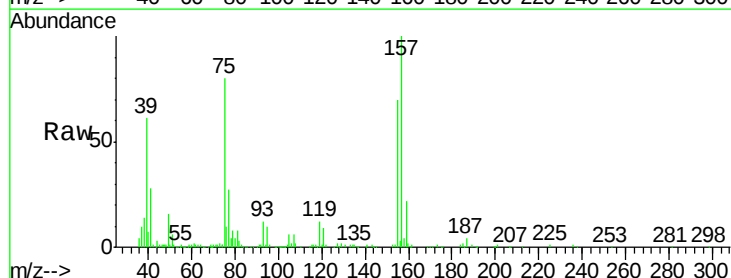
Tgt Ion: 75 Resp: 25312

Ion Ratio Lower Upper

75 100

155 95.0 50.6 151.8

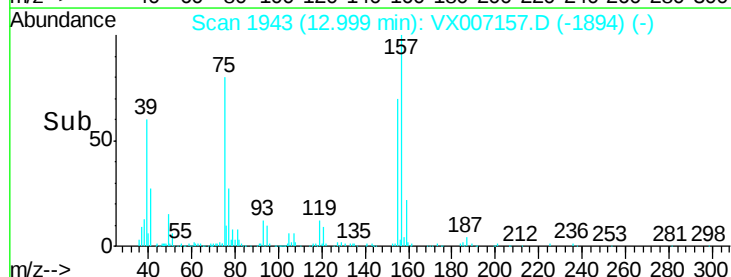
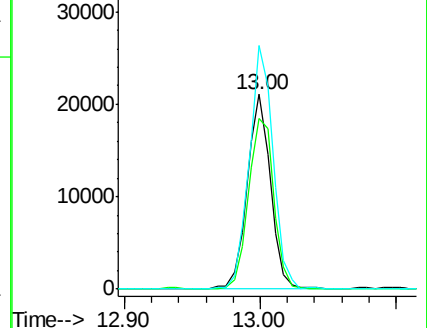
157 128.1 64.6 193.8

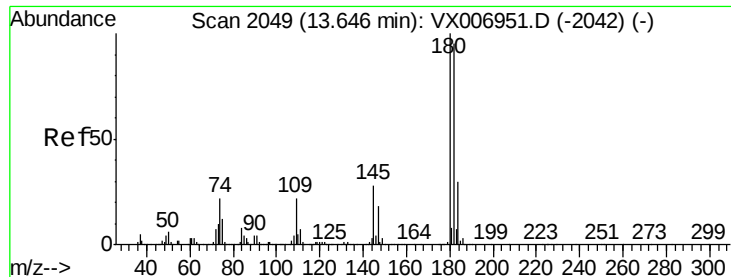


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

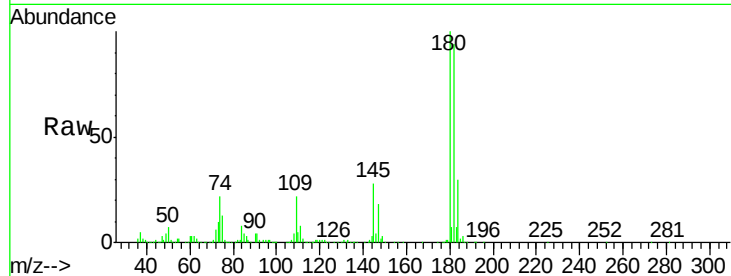




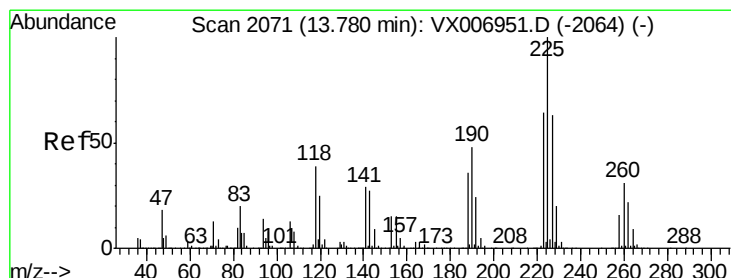
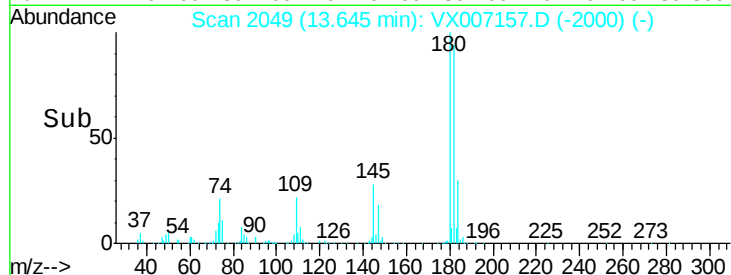
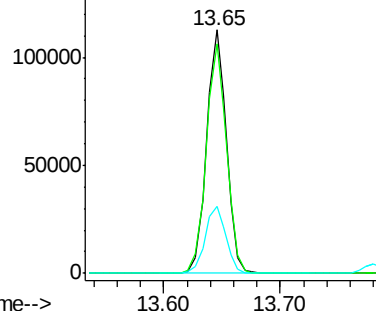
#93
 1,2,4-Trichlorobenzene
 Concen: 16.960 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007157.D
 Acq: 21 Jan 2019 14:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0121WBSD01

Tot Ion:180 Resp: 133606
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 142.0
 145 28.6 14.8 44.3

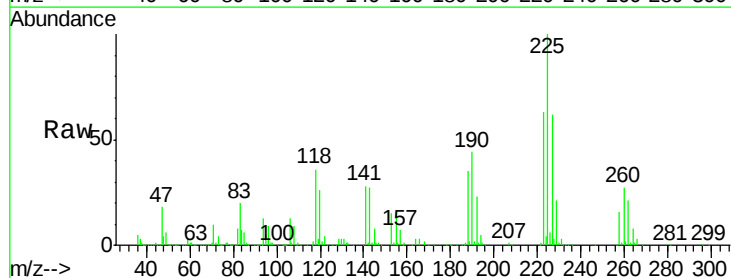


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

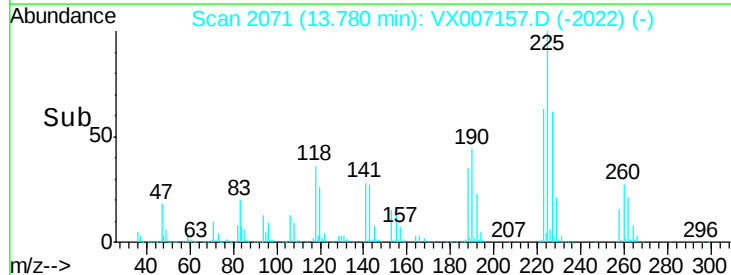
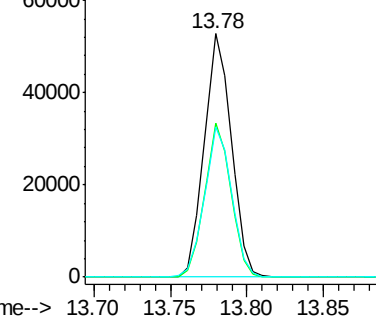


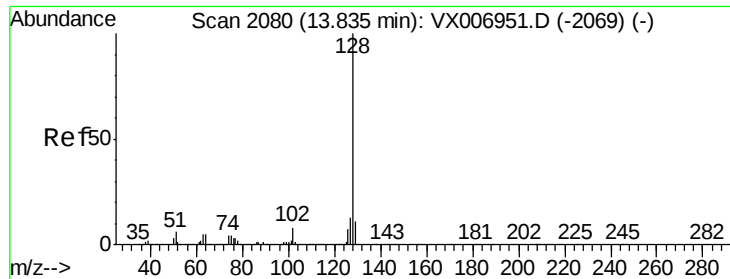
#94
 Hexachlorobutadiene
 Concen: 18.544 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007157.D
 Acq: 21 Jan 2019 14:29

Tgt Ion:225 Resp: 64826
 Ion Ratio Lower Upper
 225 100
 223 61.1 32.1 96.3
 227 61.4 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.085 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

Instrument :

MSVOA_X

ClientSampleId :

VX0121WBSD01

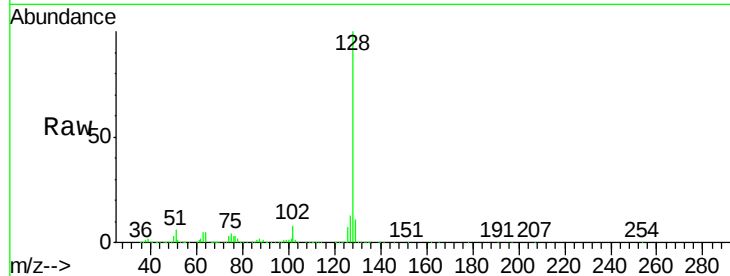
Tot Ion:128 Resp: 407830

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

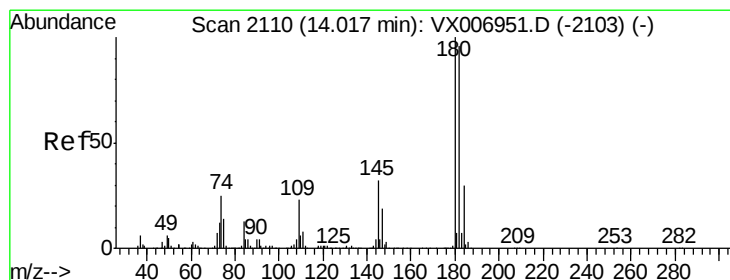
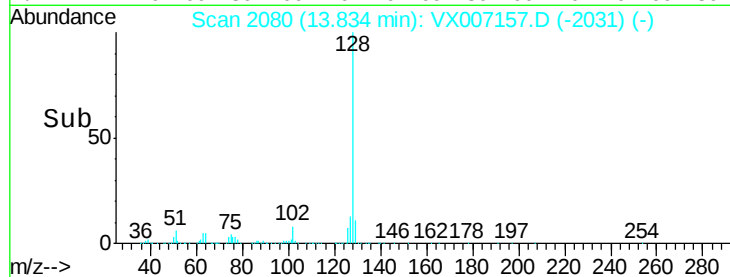
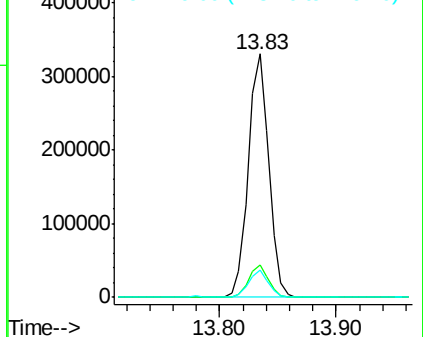
129 10.8 8.6 13.0



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: 17.231 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX007157.D

Acq: 21 Jan 2019 14:29

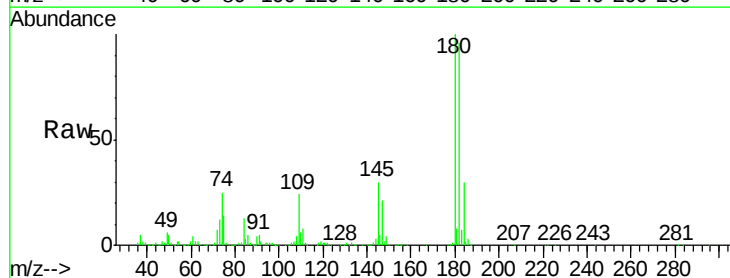
Tgt Ion:180 Resp: 134843

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.5

145 29.7 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

