

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007135.D
 Acq On : 18 Jan 2019 15:22
 Operator : JC/SP
 Sample : VX0118WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

Quant Time: Jan 18 21:51:09 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	5.67	168	444691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	667044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	244296	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
35) Dibromofluoromethane	5.50	113	219294	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	8.71	98	820884	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.13	95	301052	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	72600	19.881	ug/l	99
3) Chloromethane	1.33	50	86482	20.343	ug/l	98
4) Vinyl Chloride	1.41	62	89166	19.498	ug/l	100
5) Bromomethane	1.64	94	94244	19.289	ug/l	98
6) Chloroethane	1.72	64	60058	18.809	ug/l	99
7) Trichlorofluoromethane	1.93	101	147089	19.907	ug/l	99
8) Diethyl Ether	2.19	74	55484	18.875	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86894	19.643	ug/l	99
10) Methyl Iodide	2.51	142	113604	19.038	ug/l	99
11) Tert butyl alcohol	3.07	59	114974	104.875	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78851	19.293	ug/l	94
13) Acrolein	2.29	56	60103	128.634	ug/l	98
14) Allyl chloride	2.73	41	134515	19.204	ug/l	97
15) Acrylonitrile	3.15	53	264884	105.251	ug/l	100
16) Acetone	2.45	43	231030	100.556	ug/l	99
17) Carbon Disulfide	2.57	76	168384	16.002	ug/l	99
18) Methyl Acetate	2.78	43	144888	21.776	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	289643	20.418	ug/l	97
20) Methylene Chloride	2.85	84	92742	20.893	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	87612	19.236	ug/l	95
22) Diisopropyl ether	3.87	45	266087	20.207	ug/l	92
23) Vinyl Acetate	3.82	43	1064890	95.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	145078	19.703	ug/l	98
25) 2-Butanone	4.70	43	338642	103.011	ug/l	100
26) 2,2-Dichloropropane	4.59	77	94806	16.744	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95837	19.077	ug/l	98
28) Bromochloromethane	5.02	49	67778	21.010	ug/l	97
29) Tetrahydrofuran	5.15	42	216296	101.242	ug/l	98
30) Chloroform	5.21	83	156434	20.292	ug/l	97
31) Cyclohexane	5.58	56	121893	18.600	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	127093	19.450	ug/l	98
36) 1,1-Dichloropropene	5.80	75	109939	18.957	ug/l	99
37) Ethyl Acetate	4.85	43	124192	19.975	ug/l	99
38) Carbon Tetrachloride	5.78	117	108872	18.659	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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 ClientSampleId :
 VX0118WBSD01

Quant Time: Jan 18 21:51:09 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	132800	17.962	ug/l	97
40) Benzene	6.14	78	346985	19.608	ug/l	98
41) Methacrylonitrile	5.06	41	67733	18.911	ug/l	98
42) 1,2-Dichloroethane	6.20	62	121035	19.793	ug/l	99
43) Isopropyl Acetate	6.46	43	188850	19.256	ug/l	99
44) Trichloroethene	7.21	130	98967	18.663	ug/l	95
45) 1,2-Dichloropropane	7.52	63	86011	19.334	ug/l	100
46) Dibromomethane	7.66	93	60761	19.434	ug/l	96
47) Bromodichloromethane	7.90	83	104084	19.557	ug/l	99
48) Methyl methacrylate	7.77	41	100922	20.039	ug/l	98
49) 1,4-Dioxane	7.75	88	50878	437.531	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	677298	107.461	ug/l	100
52) Toluene	8.78	92	226691	19.931	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106364	18.024	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	120695	18.520	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	97084	21.326	ug/l	96
56) Ethyl methacrylate	9.18	69	134650	20.260	ug/l	96
57) 1,3-Dichloropropane	9.37	76	152468	20.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	334914	98.012	ug/l	100
59) 2-Hexanone	9.49	43	513582	106.929	ug/l	99
60) Dibromochloromethane	9.58	129	87128	19.710	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100977	20.148	ug/l	99
64) Tetrachloroethene	9.34	164	101339	18.953	ug/l	98
65) Chlorobenzene	10.14	112	266203	19.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88746	19.585	ug/l	99
67) Ethyl Benzene	10.25	91	427057	19.205	ug/l	98
68) m/p-Xylenes	10.36	106	339258	38.723	ug/l	100
69) o-Xylene	10.70	106	168504	19.721	ug/l	99
70) Styrene	10.71	104	269731	19.932	ug/l	99
71) Bromoform	10.86	173	64160	19.058	ug/l #	97
73) Isopropylbenzene	11.02	105	443338	19.624	ug/l	100
74) N-amyl acetate	10.90	43	174625	19.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	144265	20.115	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	153855	23.698	ug/l	90
77) Bromobenzene	11.26	156	122659	19.705	ug/l	99
78) n-propylbenzene	11.36	91	495011	19.960	ug/l	99
79) 2-Chlorotoluene	11.42	91	293309	19.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367800	19.484	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30061	16.699	ug/l	88
82) 4-Chlorotoluene	11.51	91	342255	19.801	ug/l	100
83) tert-Butylbenzene	11.77	119	365365	19.399	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	378412	19.935	ug/l	100
85) sec-Butylbenzene	11.94	105	449457	19.982	ug/l	99
86) p-Isopropyltoluene	12.06	119	395233	19.645	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	219657	19.523	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219516	20.677	ug/l	99
89) n-Butylbenzene	12.39	91	328116	19.131	ug/l	98
90) Hexachloroethane	12.60	117	54241	18.814	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	219002	19.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27481	19.374	ug/l	98

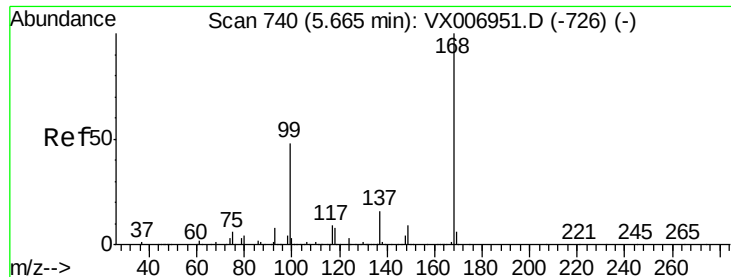
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007135.D
Acq On : 18 Jan 2019 15:22
Operator : JC/SP
Sample : VX0118WBSD01
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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jan 18 21:51:09 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	143113	18.787	ug/l	99
94) Hexachlorobutadiene	13.78	225	69755	20.635	ug/l	97
95) Naphthalene	13.83	128	448442	19.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	147529	19.496	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

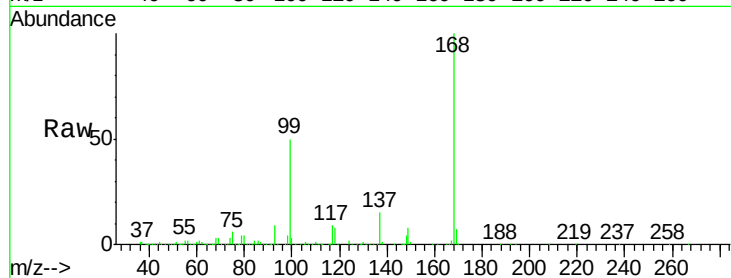
VX0118WBSD01

Tot Ion:168 Resp: 444691

Ion Ratio Lower Upper

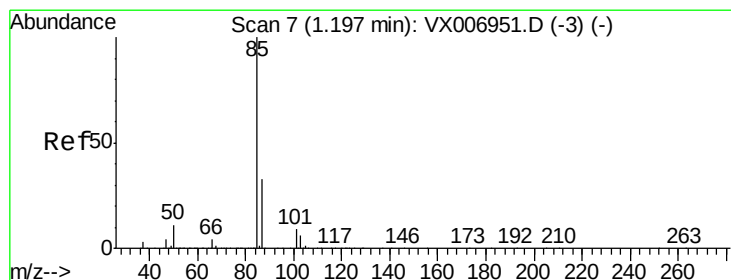
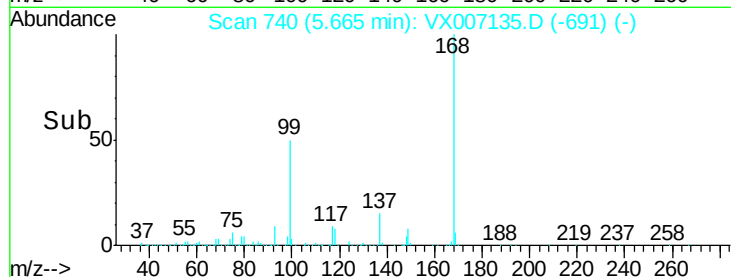
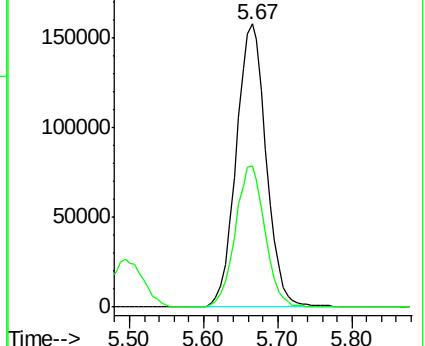
168 100

99 49.9 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: 19.881 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007135.D

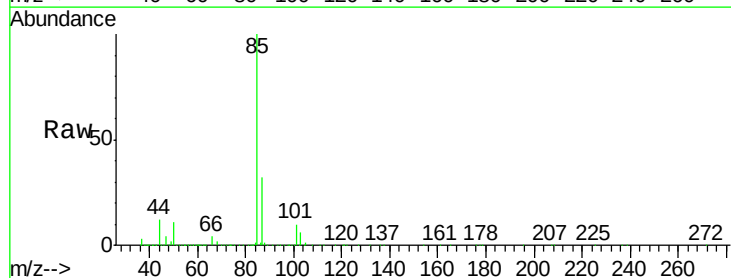
Acq: 18 Jan 2019 15:22

Tgt Ion: 85 Resp: 72600

Ion Ratio Lower Upper

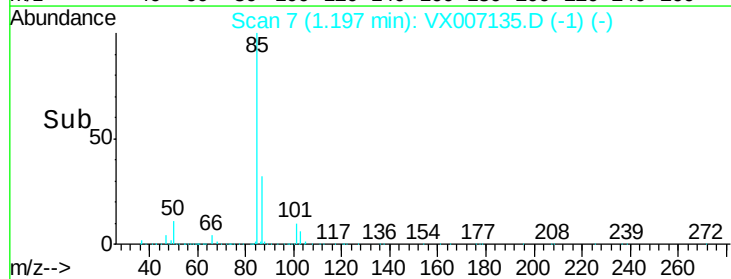
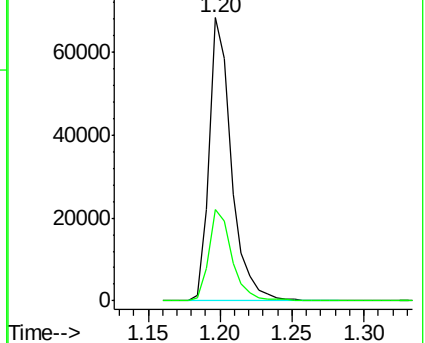
85 100

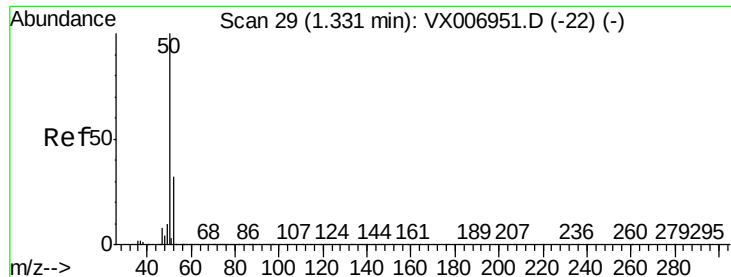
87 32.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 20.343 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

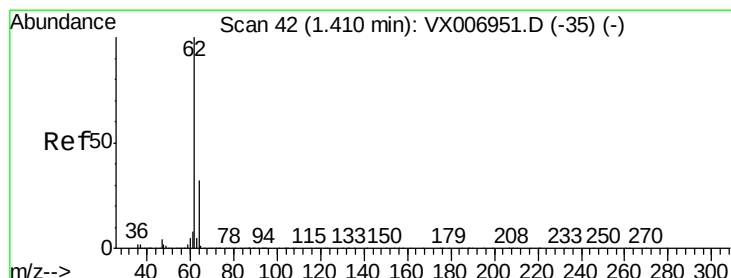
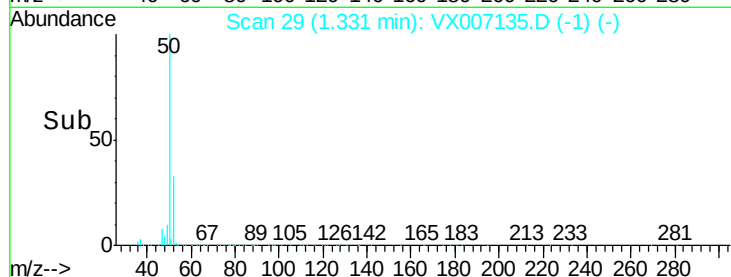
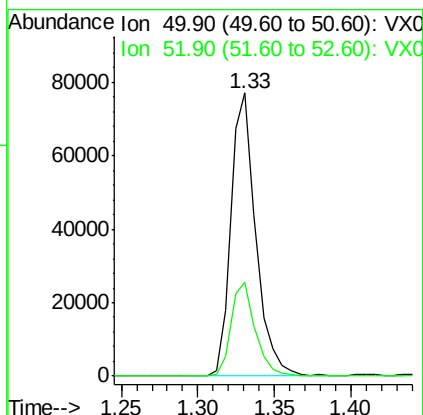
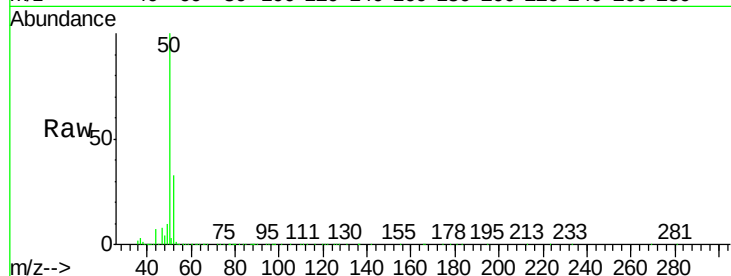
VX0118WBSD01

Tot Ion: 50 Resp: 86482

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 19.498 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007135.D

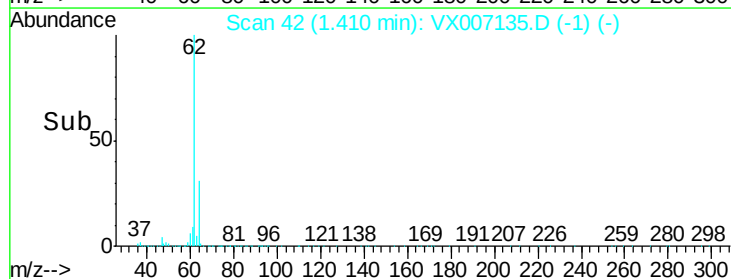
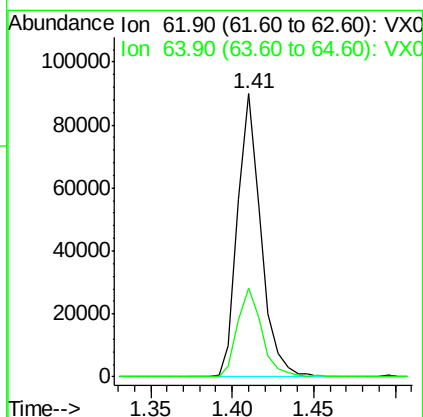
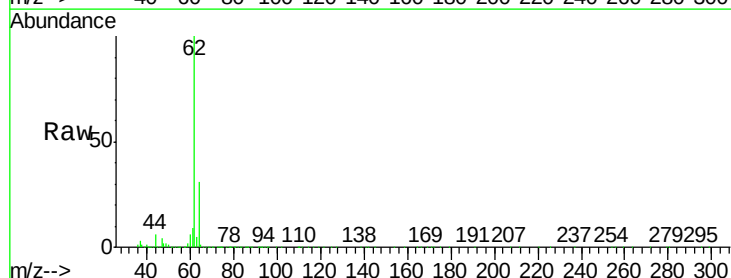
Acq: 18 Jan 2019 15:22

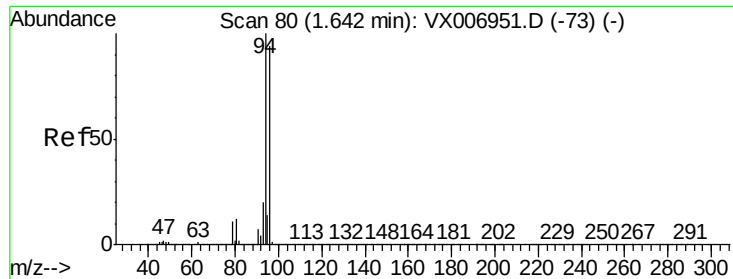
Tgt Ion: 62 Resp: 89166

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7

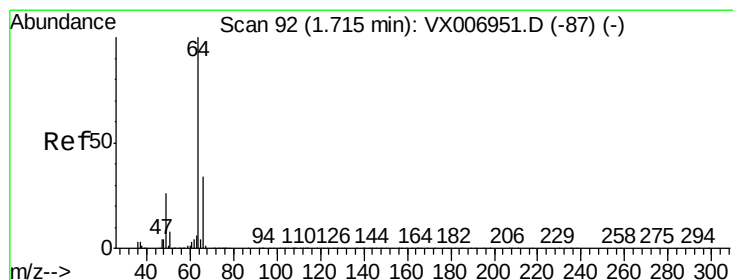
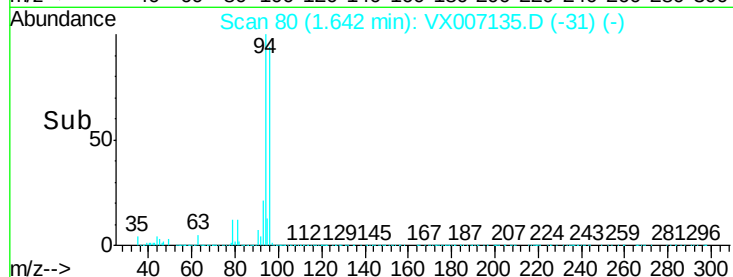
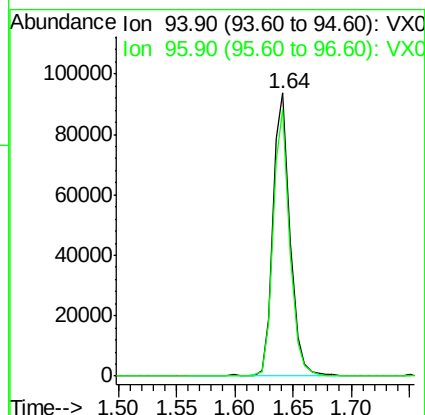
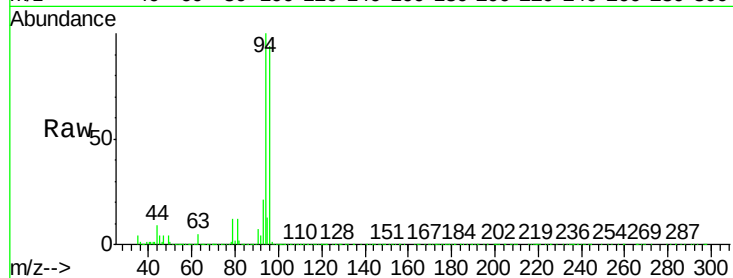




#5
Bromomethane
Concen: 19.289 ug/l
RT: 1.64 min Scan# 80
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

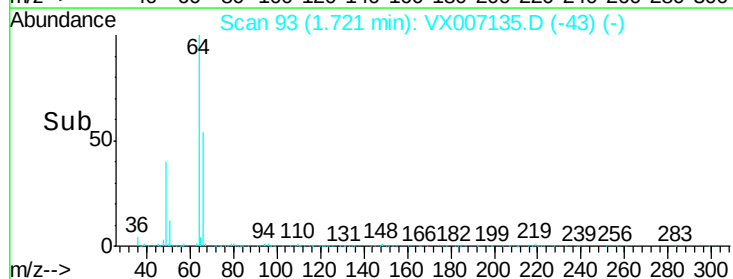
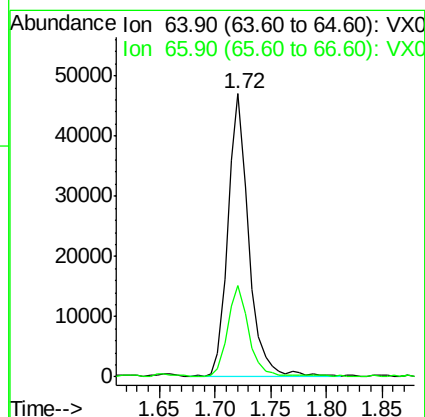
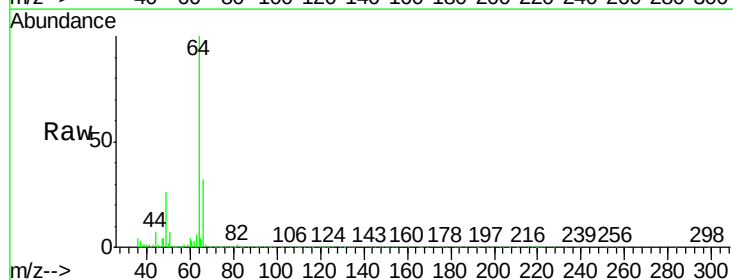
Instrument :
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VX0118WBSD01

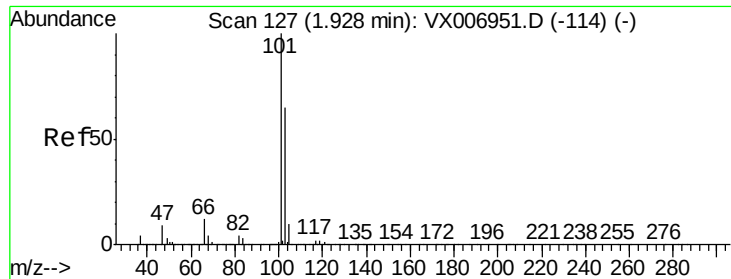
Tot Ion: 94 Resp: 94244
Ion Ratio Lower Upper
94 100
96 94.0 73.4 110.2



#6
Chloroethane
Concen: 18.809 ug/l
RT: 1.72 min Scan# 93
Delta R.T. 0.01 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 64 Resp: 60058
Ion Ratio Lower Upper
64 100
66 32.5 26.4 39.6



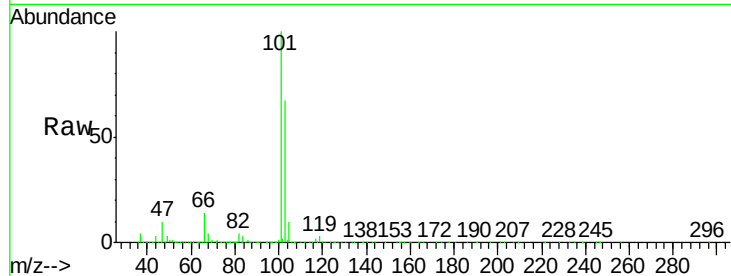


#7

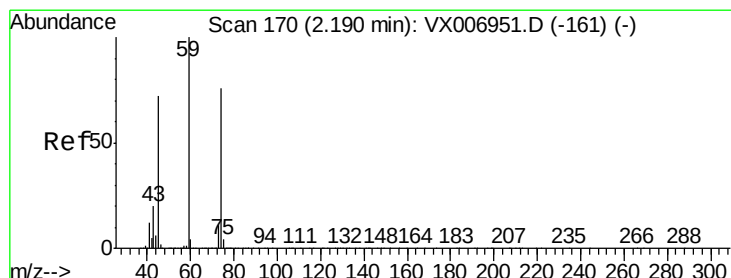
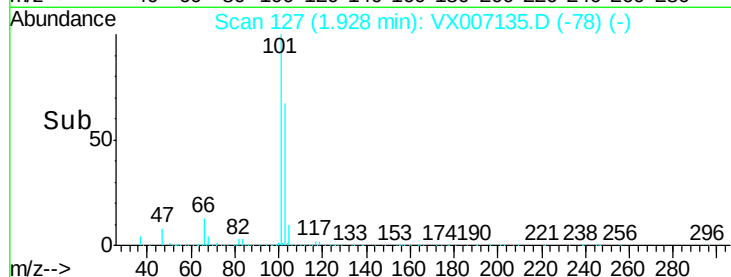
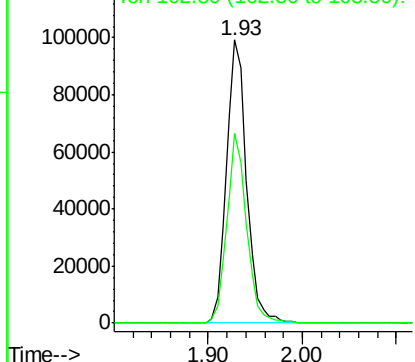
Trichlorofluoromethane
Concen: 19.907 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tot Ion:101 Resp: 147089
Ion Ratio Lower Upper
101 100
103 67.0 53.2 79.8



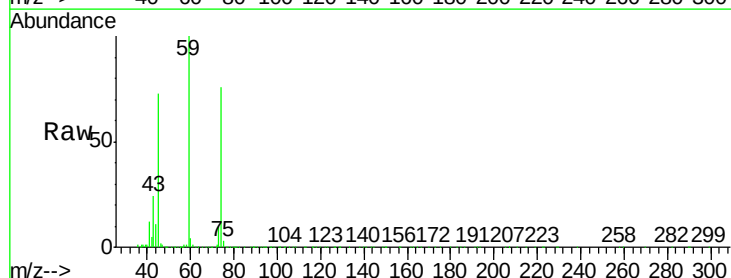
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



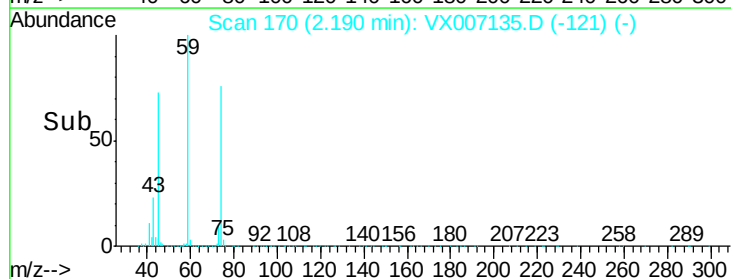
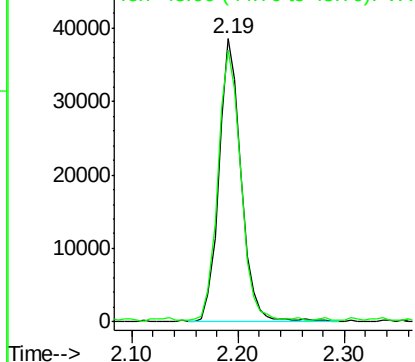
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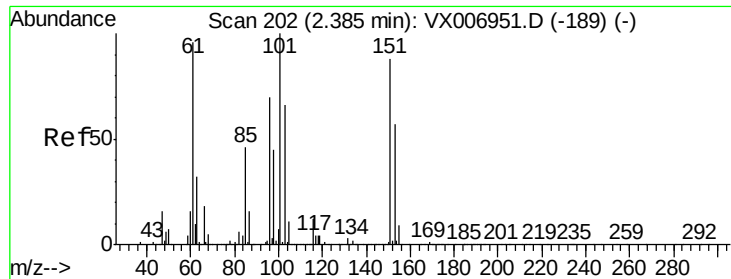
Diethyl Ether
Concen: 18.875 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 74 Resp: 55484
Ion Ratio Lower Upper
74 100
45 99.0 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.643 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

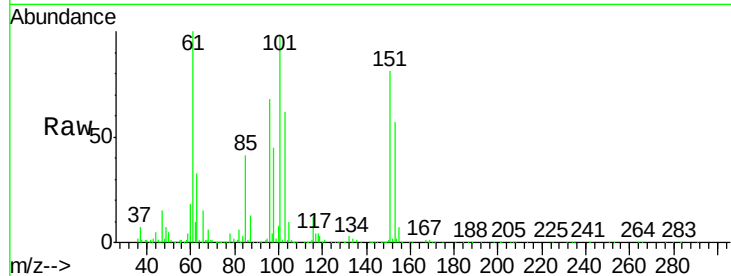
Tot Ion:101 Resp: 86894

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

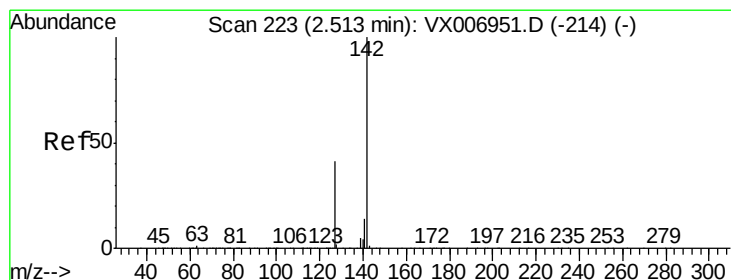
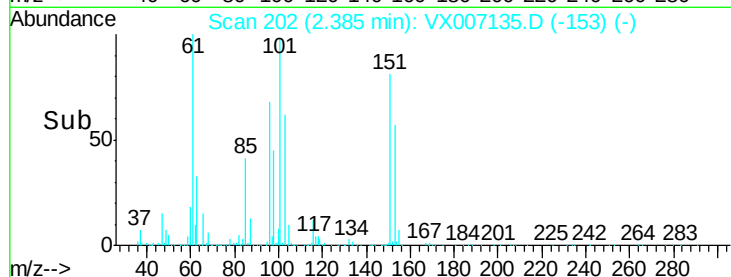
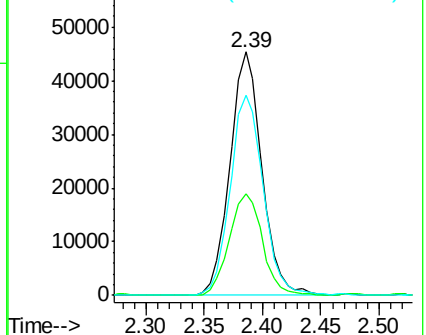
151 84.8 68.9 103.3



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: 19.038 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

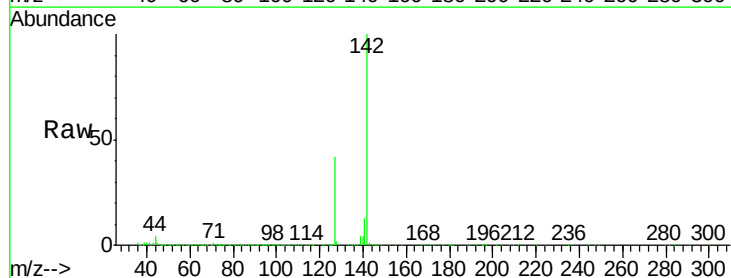
Tgt Ion:142 Resp: 113604

Ion Ratio Lower Upper

142 100

127 43.5 33.9 50.9

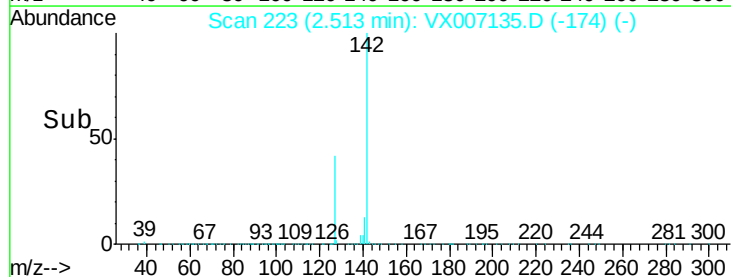
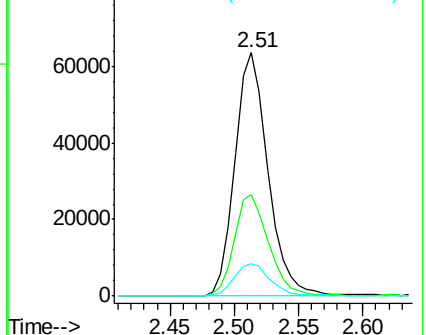
141 14.2 11.4 17.0

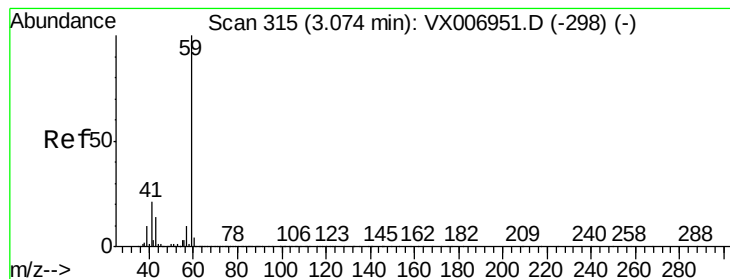


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



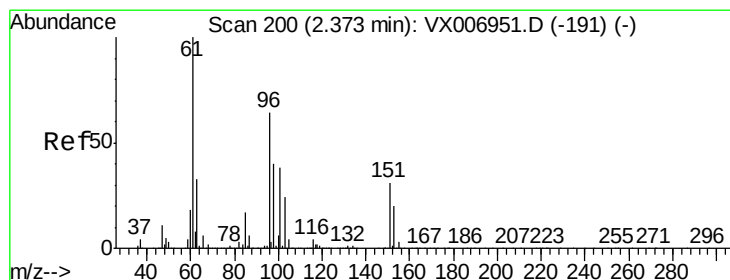
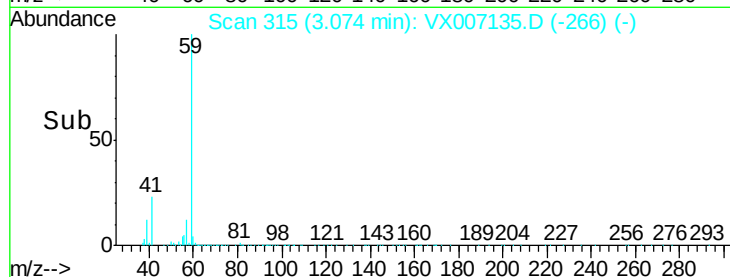
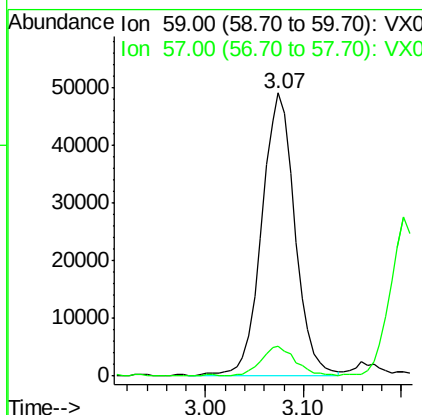
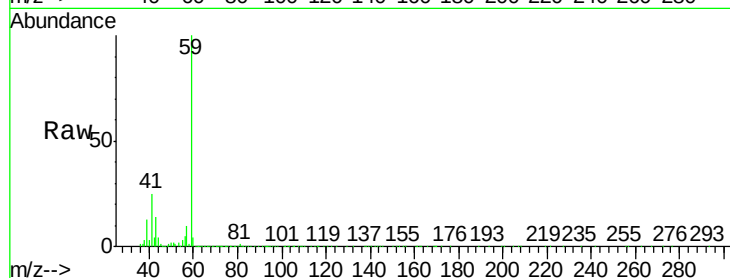


#11

Tert butyl alcohol
 Concen: 104.875 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

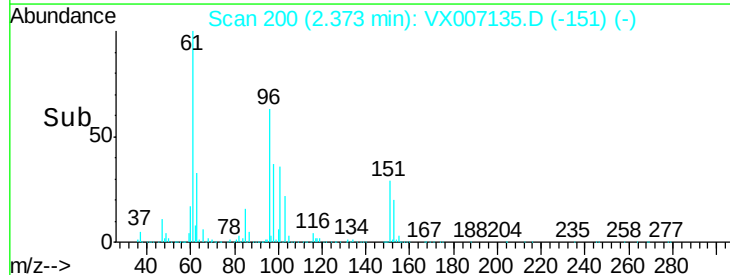
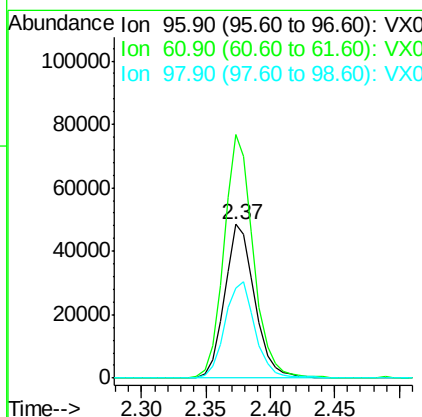
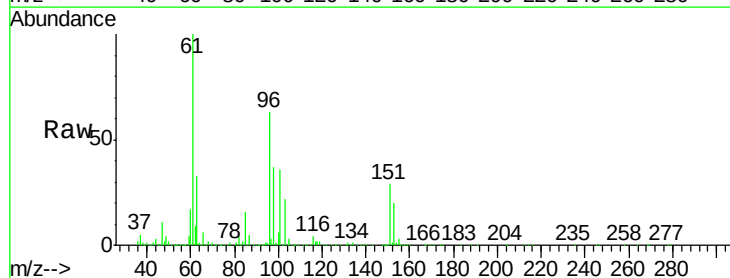
Tot Ion: 59 Resp: 114974
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.5 12.7

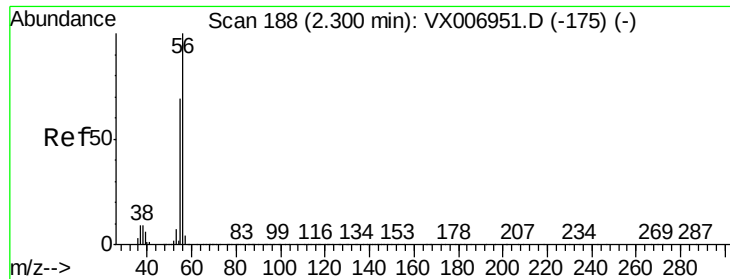


#12

1,1-Dichloroethene
 Concen: 19.293 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion: 96 Resp: 78851
 Ion Ratio Lower Upper
 96 100
 61 158.5 121.4 182.2
 98 58.5 51.9 77.9





#13

Acrolein

Concen: 128.634 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

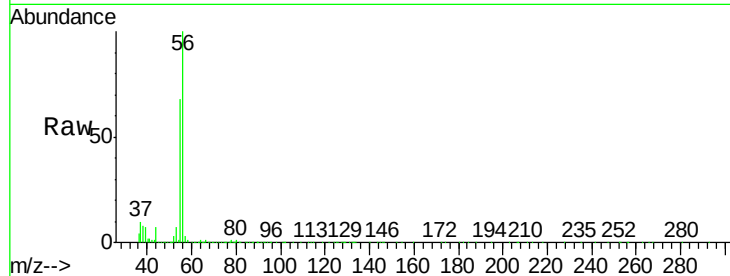
VX0118WBSD01

Tot Ion: 56 Resp: 60103

Ion Ratio Lower Upper

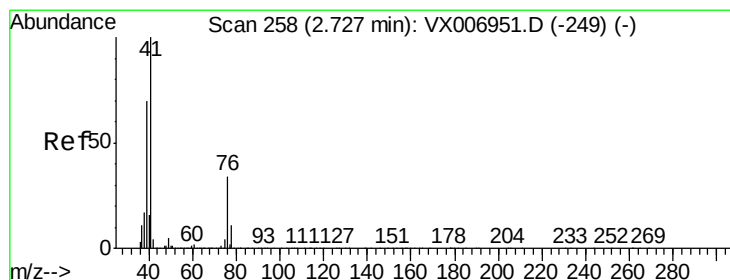
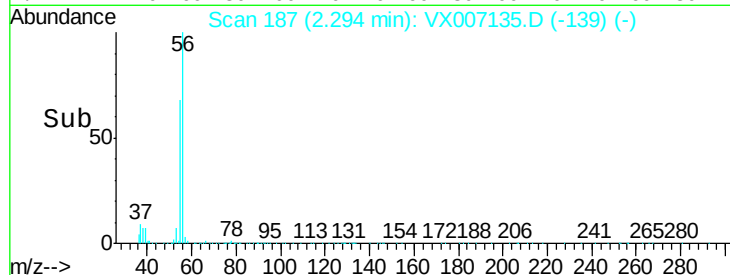
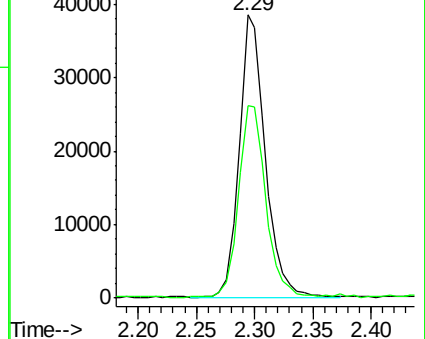
56 100

55 71.1 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.204 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

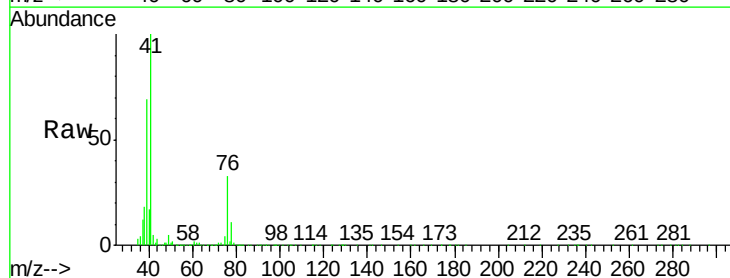
Tgt Ion: 41 Resp: 134515

Ion Ratio Lower Upper

41 100

39 69.3 53.6 80.4

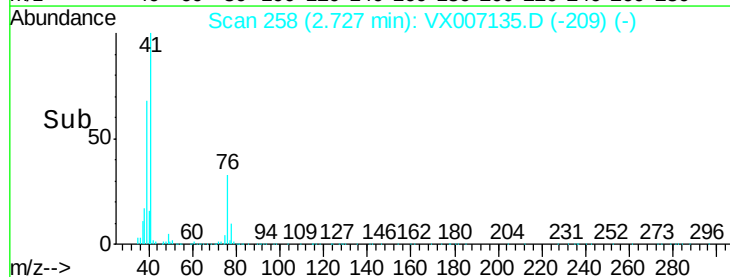
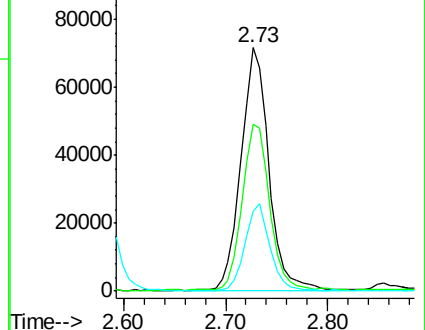
76 32.6 27.4 41.2

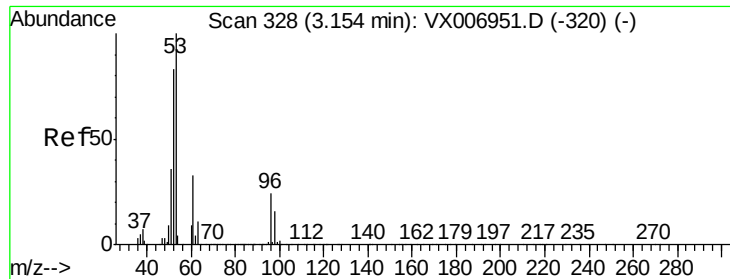


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 105.251 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampled :

VX0118WBSD01

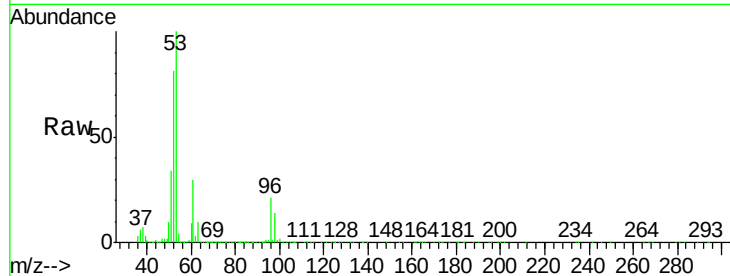
Tot Ion: 53 Resp: 264884

Ion Ratio Lower Upper

53 100

52 82.8 66.0 99.0

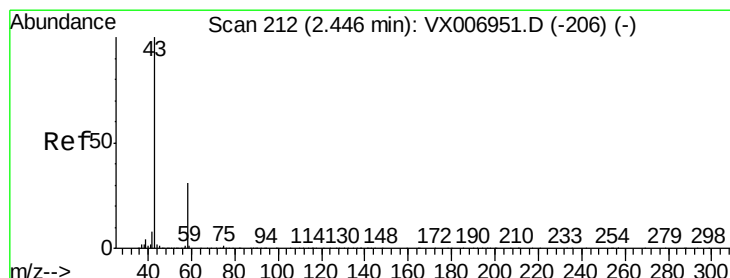
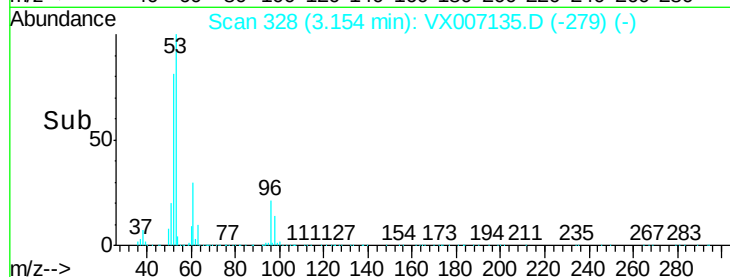
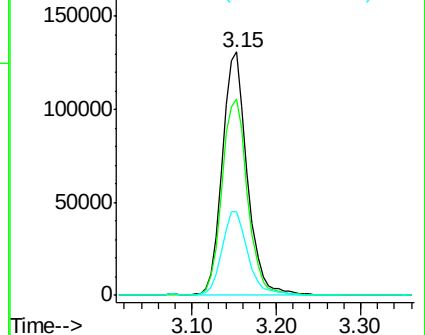
51 35.8 28.6 42.8



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: 100.556 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007135.D

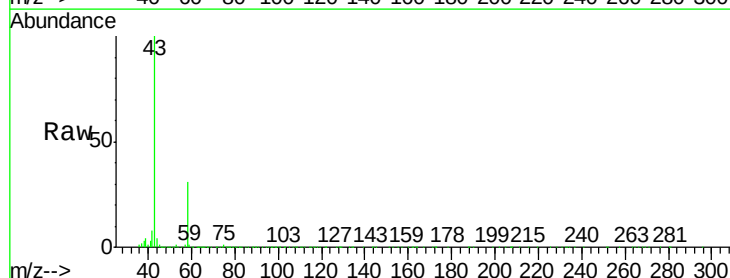
Acq: 18 Jan 2019 15:22

Tgt Ion: 43 Resp: 231030

Ion Ratio Lower Upper

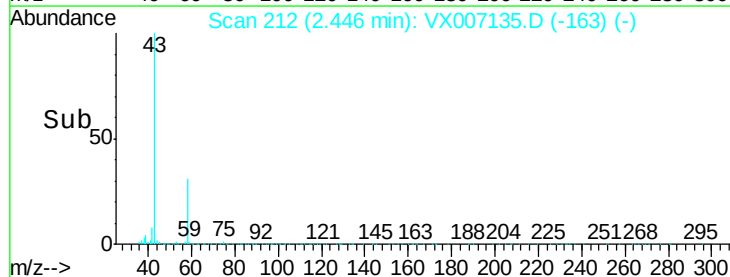
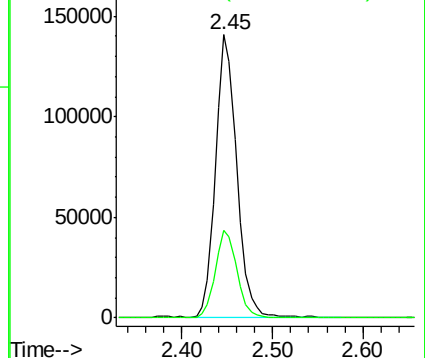
43 100

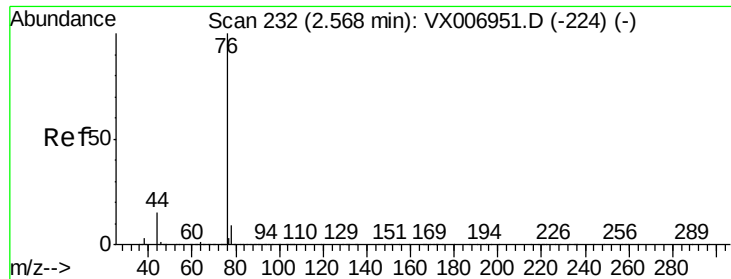
58 30.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.002 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

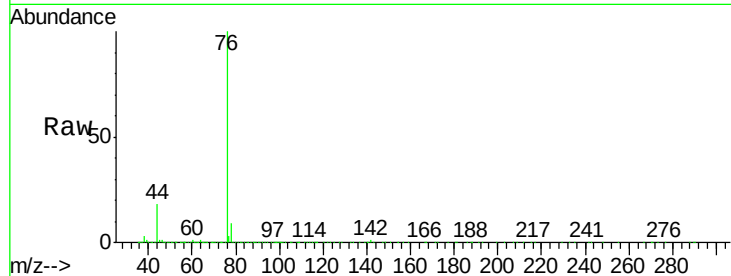
VX0118WBSD01

Tot Ion: 76 Resp: 168384

Ion Ratio Lower Upper

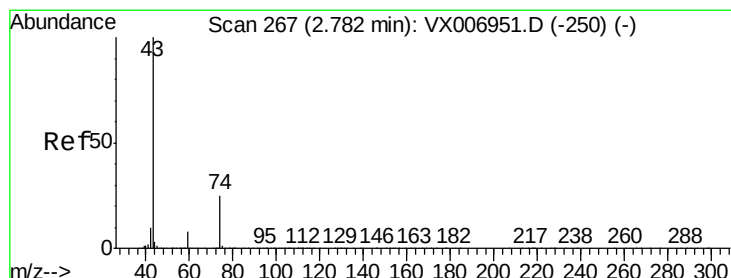
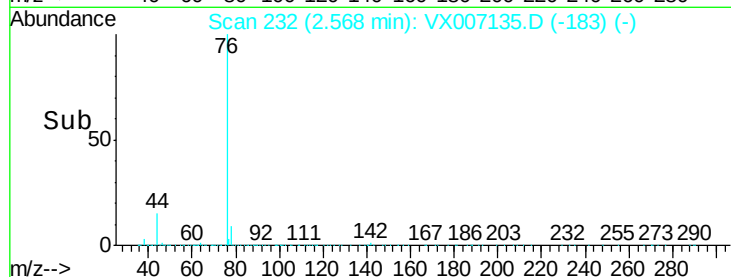
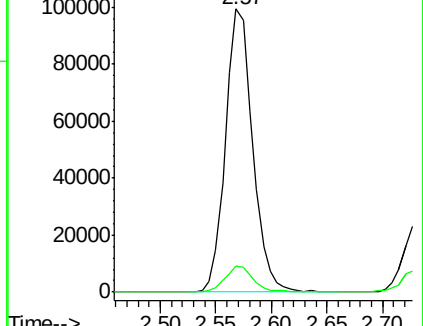
76 100

78 9.3 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: 21.776 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007135.D

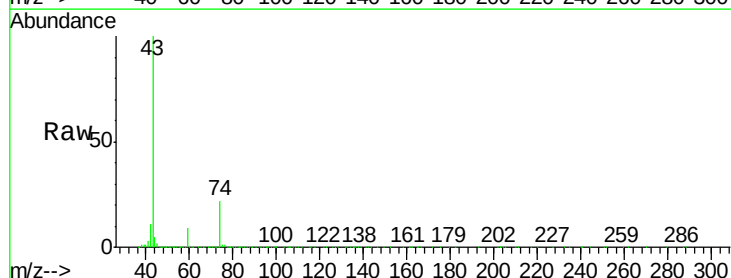
Acq: 18 Jan 2019 15:22

Tgt Ion: 43 Resp: 144888

Ion Ratio Lower Upper

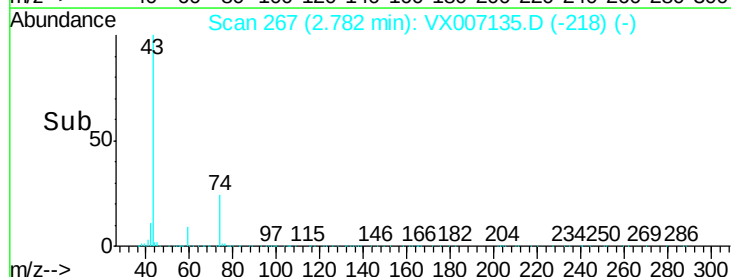
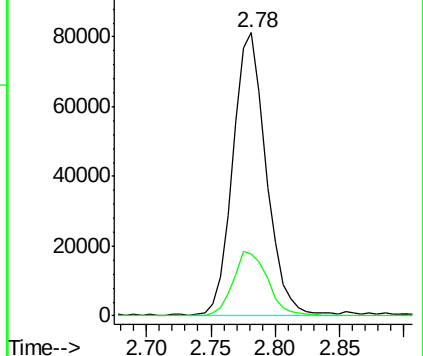
43 100

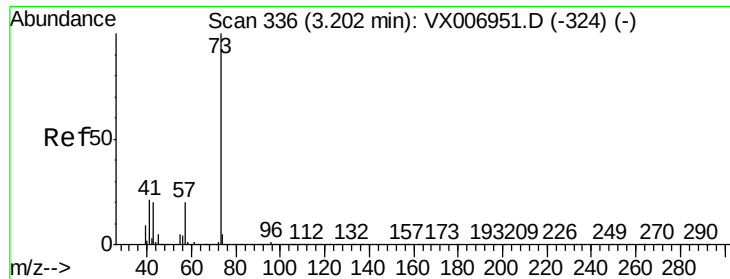
74 23.4 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



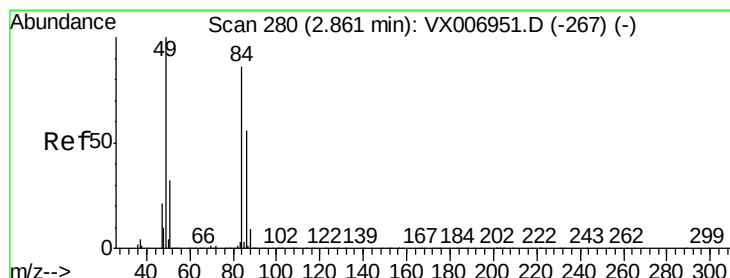
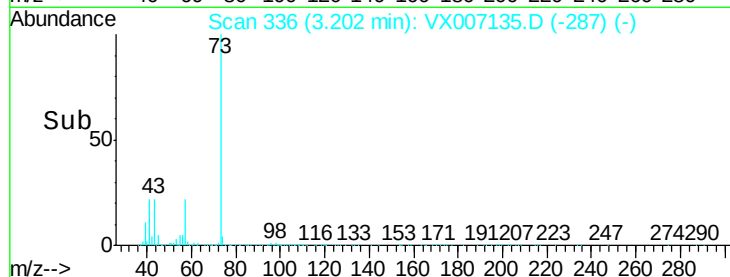
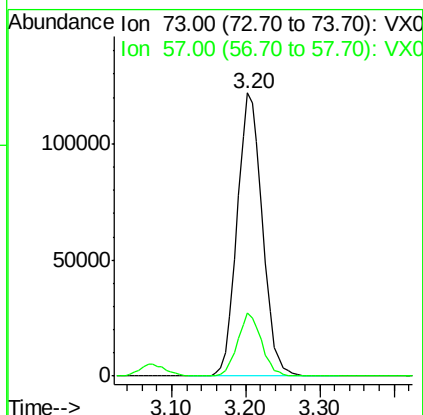
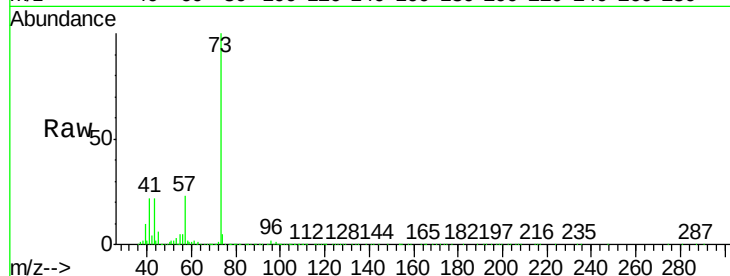


#19

Methyl tert-butyl Ether
 Concen: 20.418 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

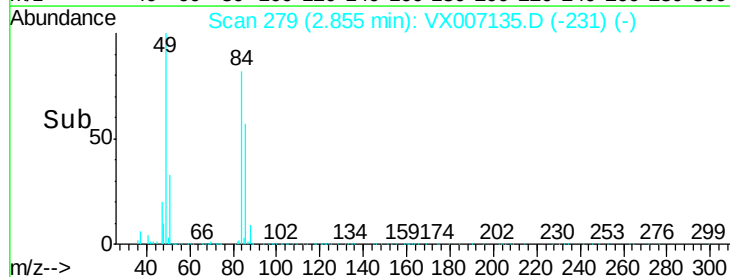
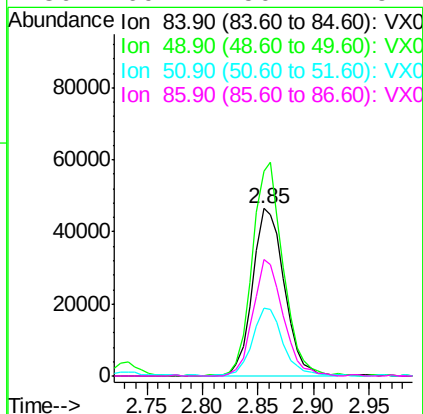
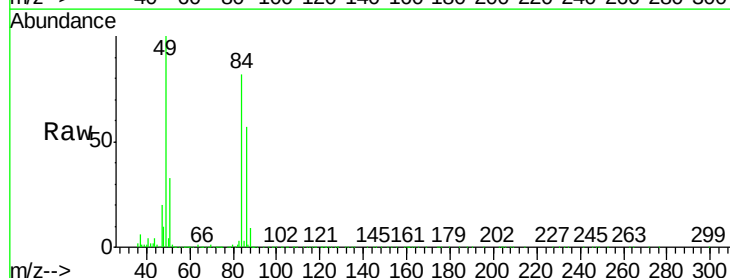
Tot Ion: 73 Resp: 289643
 Ion Ratio Lower Upper
 73 100
 57 22.4 16.8 25.2

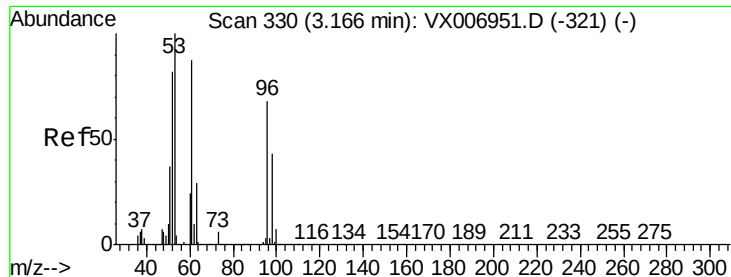


#20

Methylene Chloride
 Concen: 20.893 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion: 84 Resp: 92742
 Ion Ratio Lower Upper
 84 100
 49 121.8 91.8 137.6
 51 40.1 28.5 42.7
 86 69.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.236 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

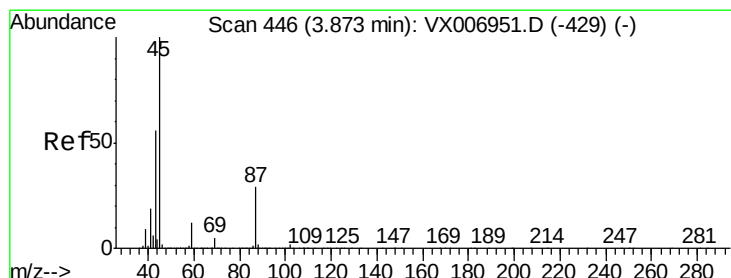
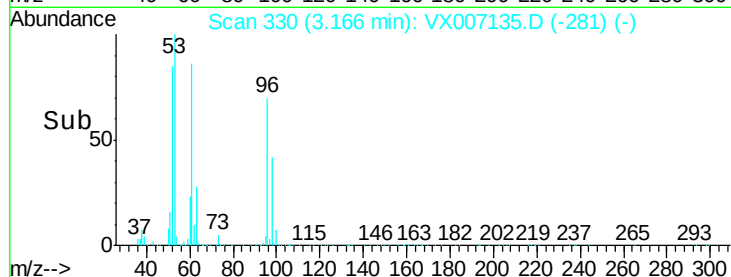
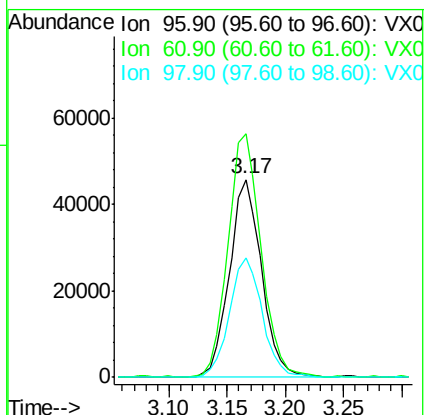
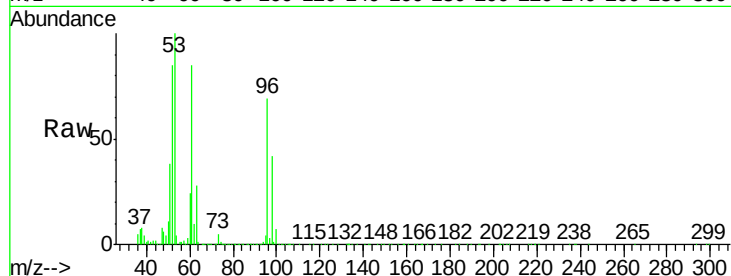
Tot Ion: 96 Resp: 87612

Ion Ratio Lower Upper

96 100

61 122.8 103.7 155.5

98 60.1 51.0 76.6



#22

Diisopropyl ether

Concen: 20.207 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Tgt Ion: 45 Resp: 266087

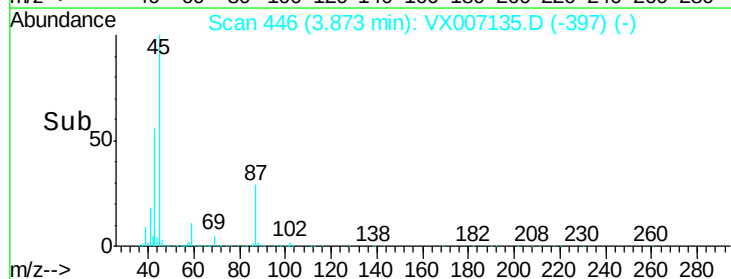
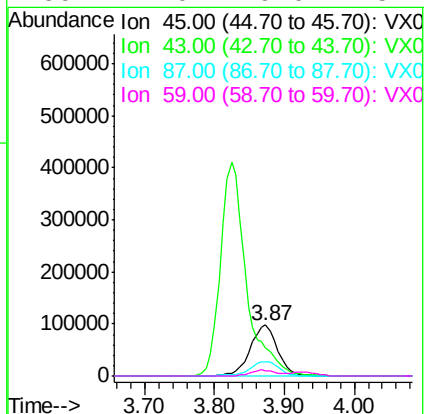
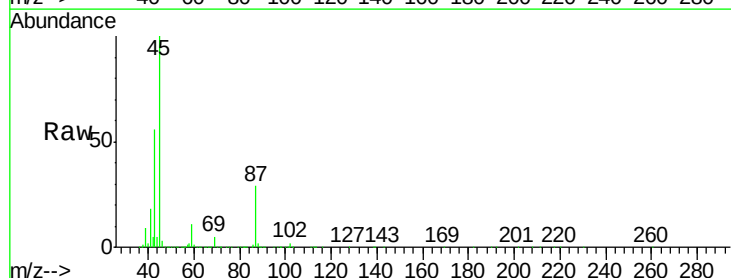
Ion Ratio Lower Upper

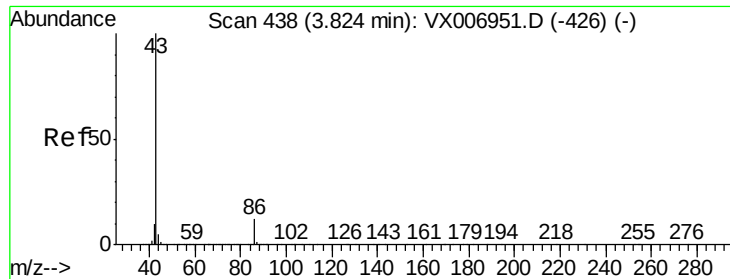
45 100

43 55.8 51.2 76.8

87 28.6 25.8 38.6

59 11.0 9.0 13.4





#23

Vinyl Acetate

Concen: 95.892 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

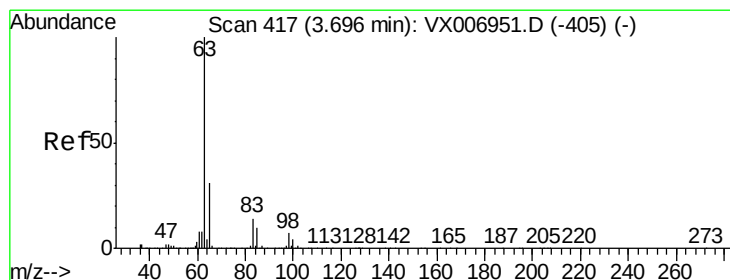
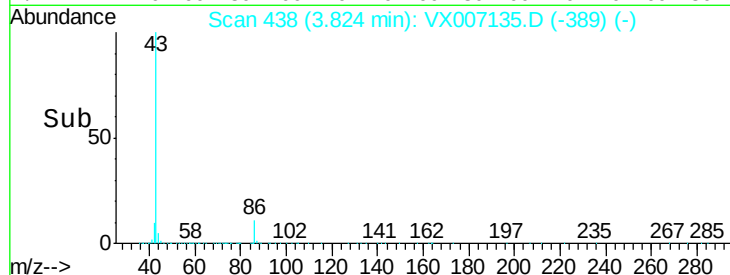
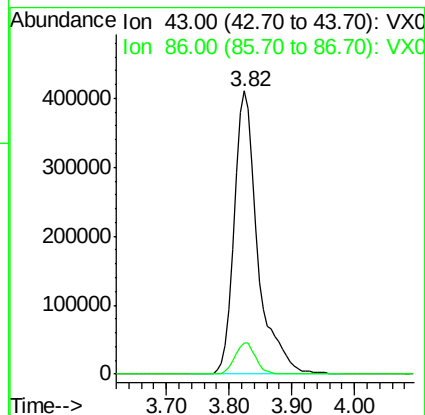
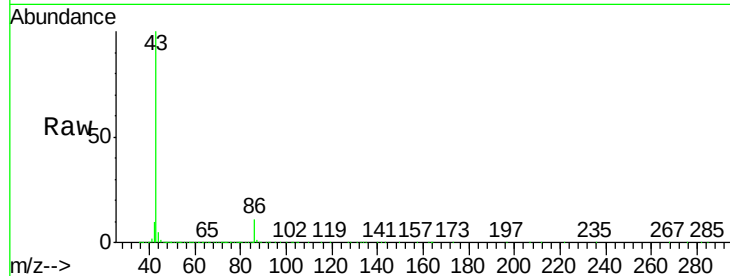
VX0118WBSD01

Tot Ion: 43 Resp: 1064890

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.703 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

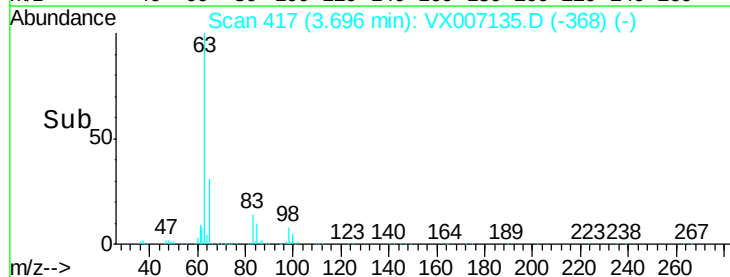
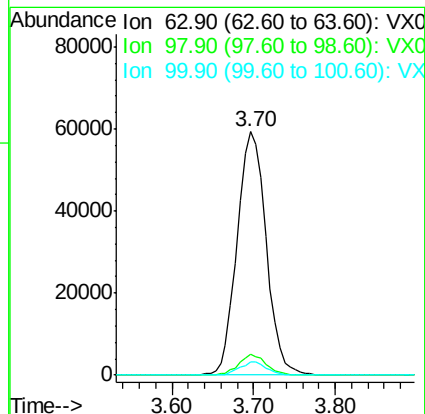
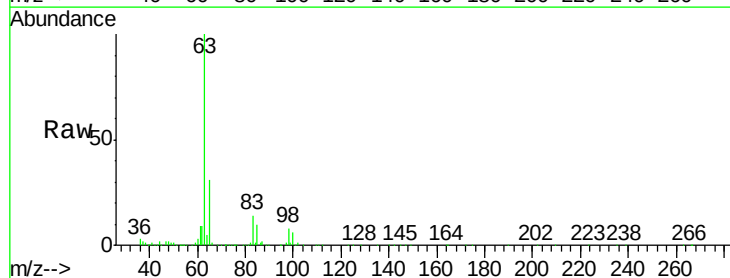
Tgt Ion: 63 Resp: 145078

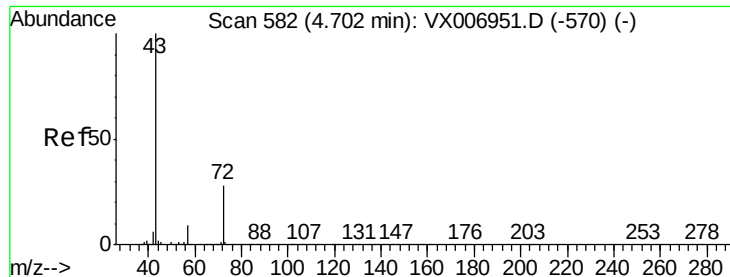
Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.5

100 5.5 2.4 7.2





#25

2-Butanone

Concen: 103.011 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

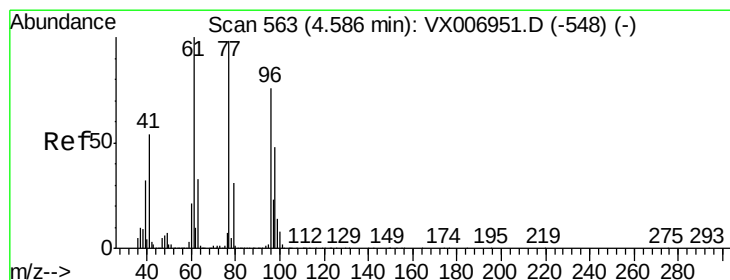
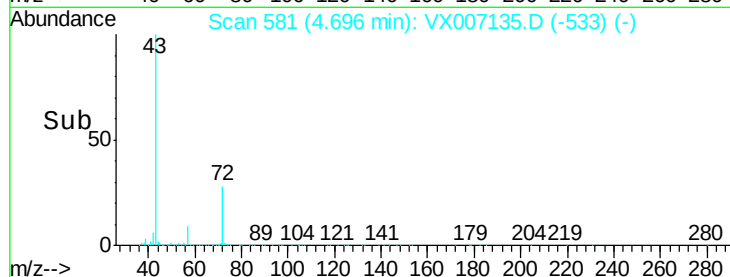
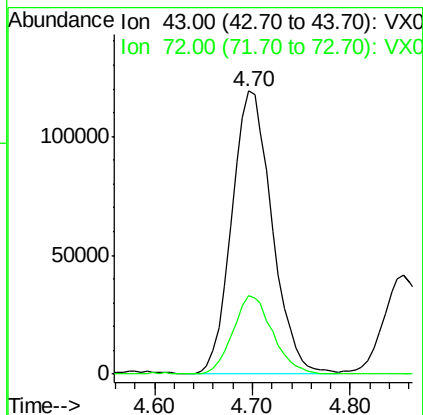
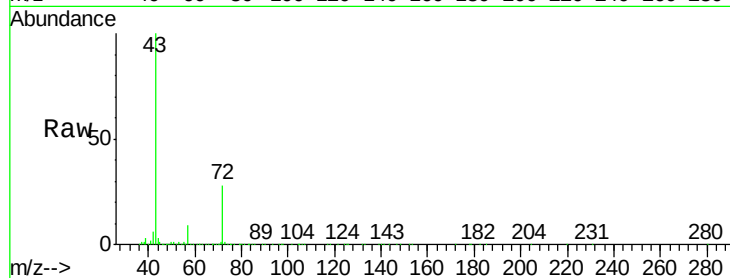
VX0118WBSD01

Tot Ion: 43 Resp: 338642

Ion Ratio Lower Upper

43 100

72 28.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 16.744 ug/l

RT: 4.59 min Scan# 564

Delta R.T. 0.01 min

Lab File: VX007135.D

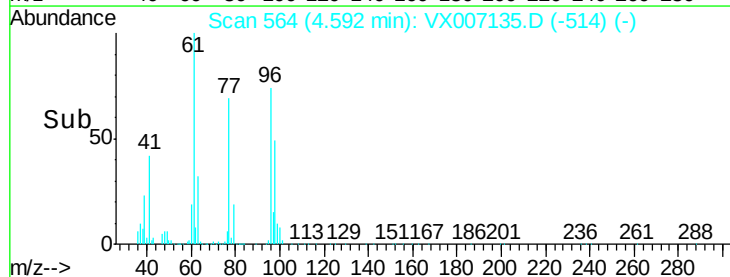
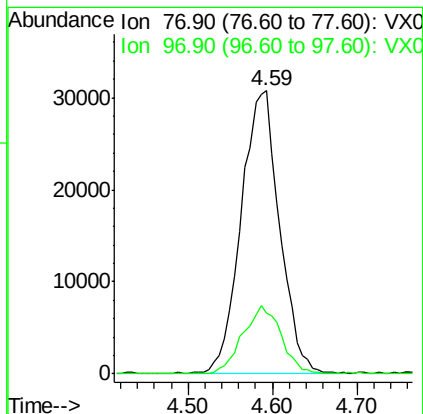
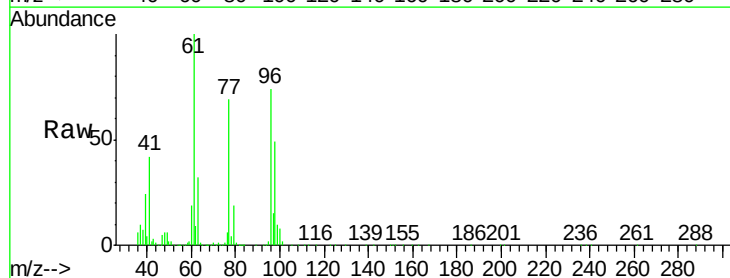
Acq: 18 Jan 2019 15:22

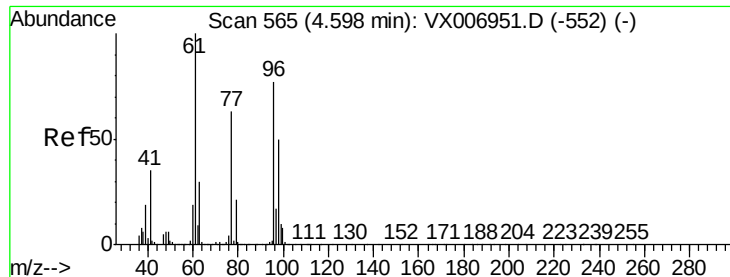
Tgt Ion: 77 Resp: 94806

Ion Ratio Lower Upper

77 100

97 24.3 12.4 37.4



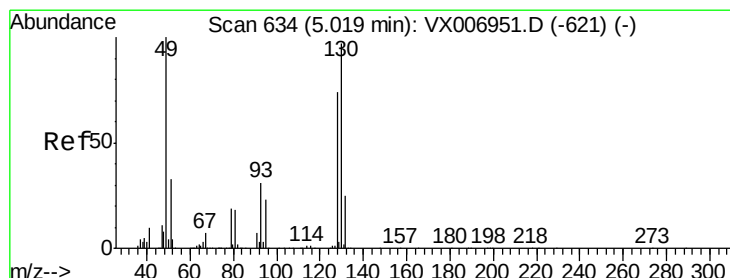
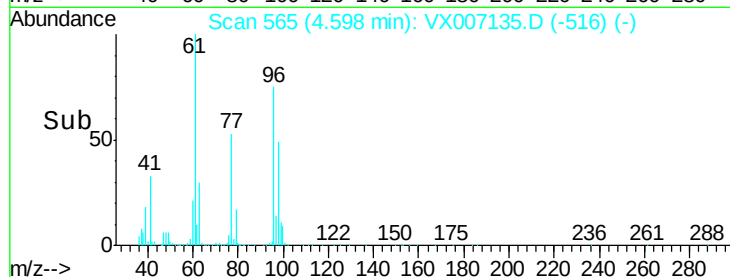
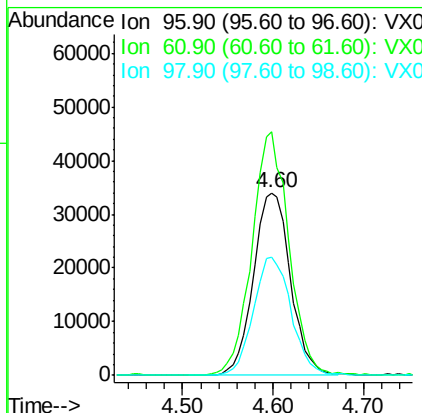
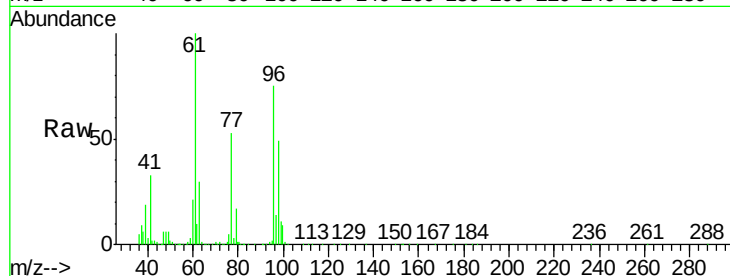


#27

cis-1,2-Dichloroethene
Concen: 19.077 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

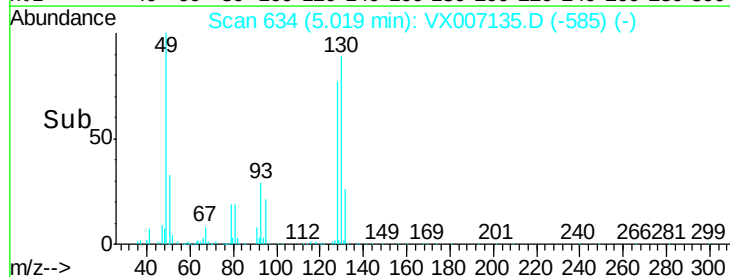
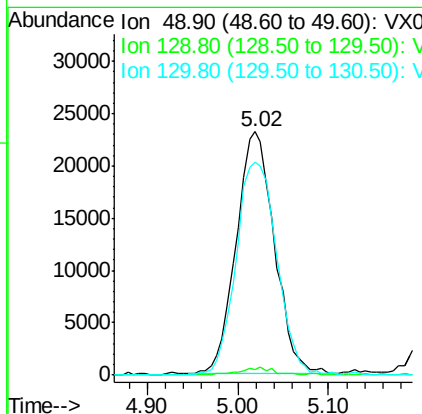
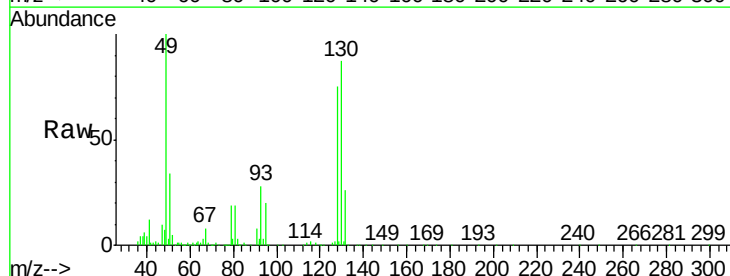
Tot Ion: 96 Resp: 95837
Ion Ratio Lower Upper
96 100
61 133.1 0.0 258.6
98 66.3 0.0 132.0

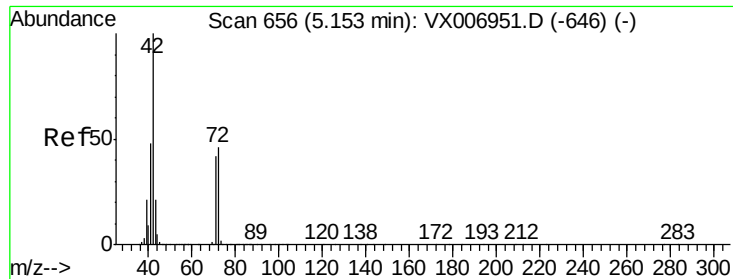


#28

Bromochloromethane
Concen: 21.010 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 49 Resp: 67778
Ion Ratio Lower Upper
49 100
129 2.9 0.0 5.4
130 93.7 77.7 116.5

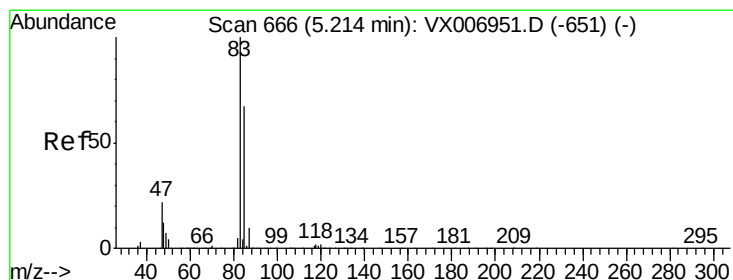
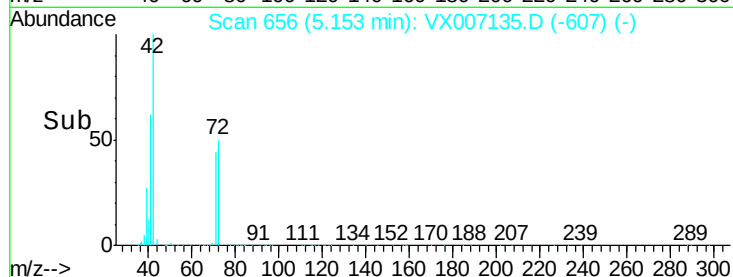
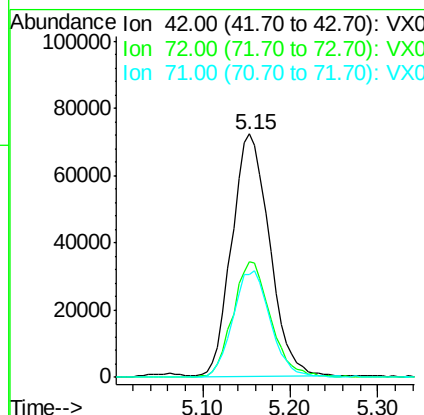
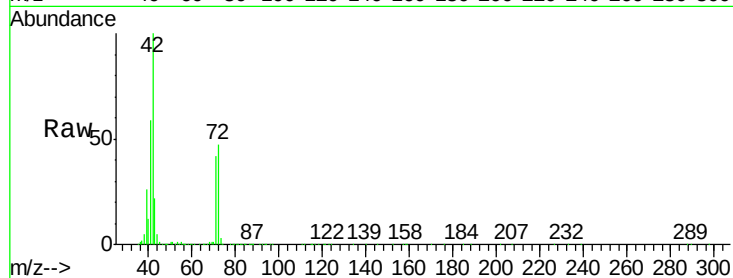




#29
Tetrahydrofuran
Concen: 101.242 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

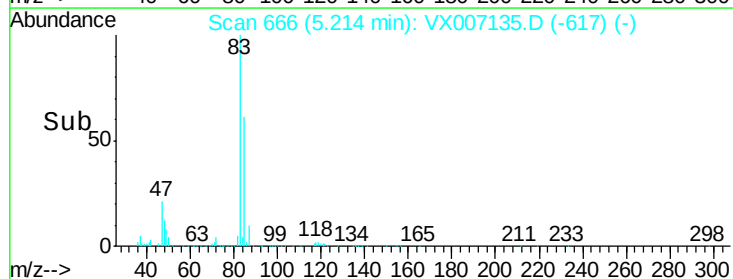
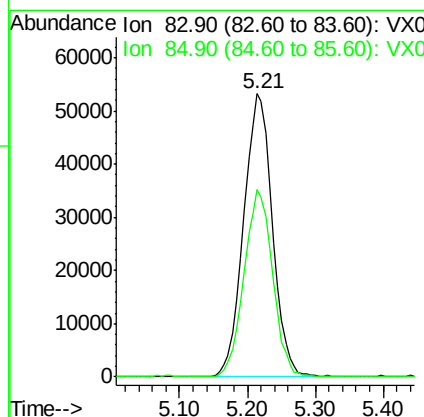
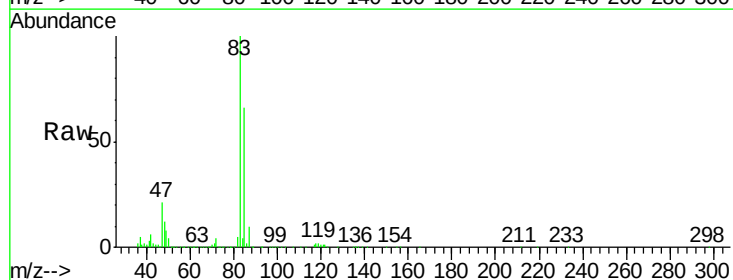
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

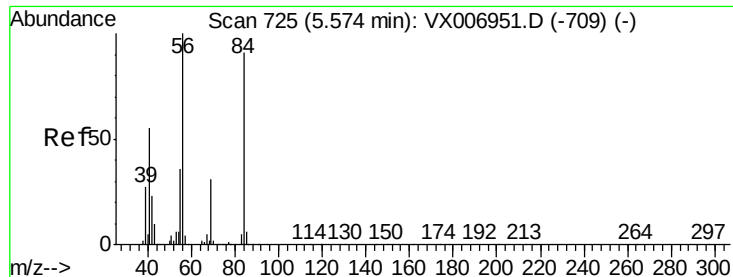
Tot Ion: 42 Resp: 216296
Ion Ratio Lower Upper
42 100
72 47.6 38.9 58.3
71 44.1 36.2 54.4



#30
Chloroform
Concen: 20.292 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 83 Resp: 156434
Ion Ratio Lower Upper
83 100
85 66.1 51.2 76.8

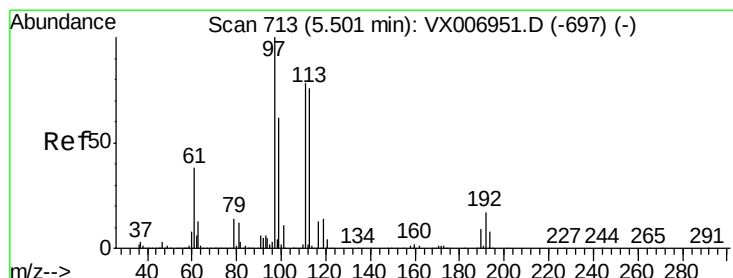
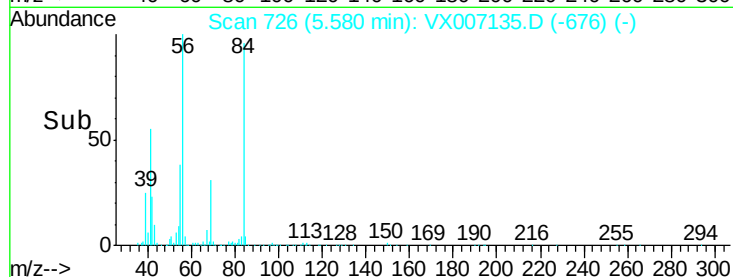
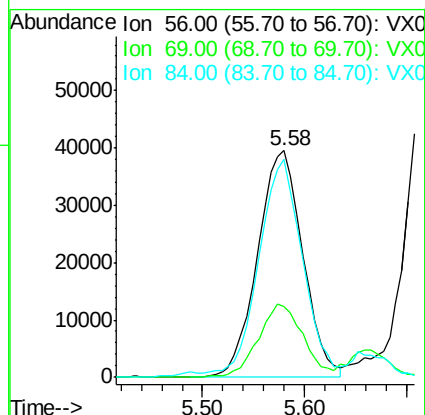
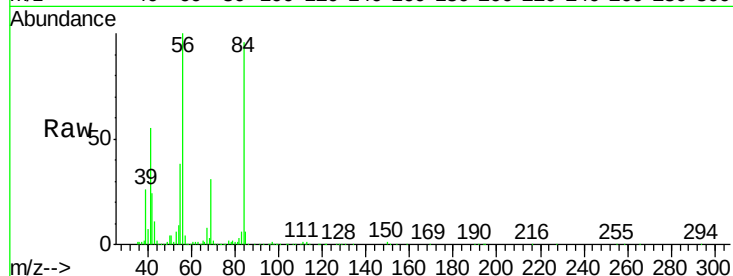




#31
Cyclohexane
Concen: 18.600 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

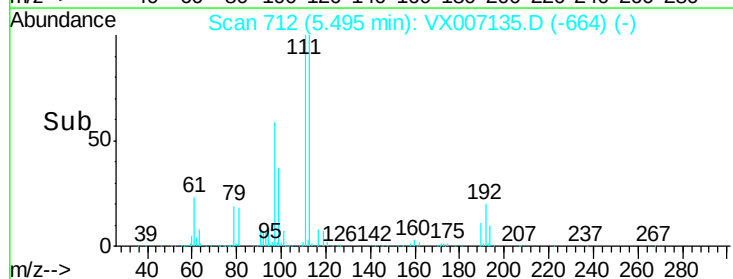
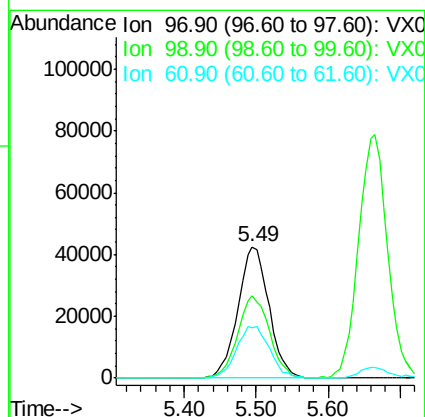
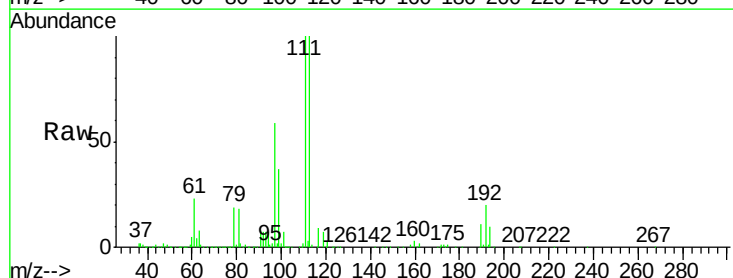
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

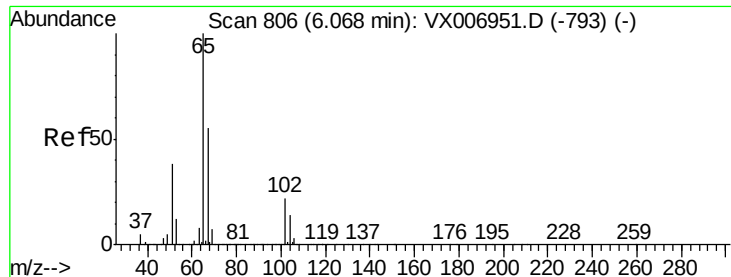
Tot Ion: 56 Resp: 121893
Ion Ratio Lower Upper
56 100
69 31.2 24.4 36.6
84 93.3 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.450 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 97 Resp: 127093
Ion Ratio Lower Upper
97 100
99 64.4 51.7 77.5
61 42.0 31.3 46.9

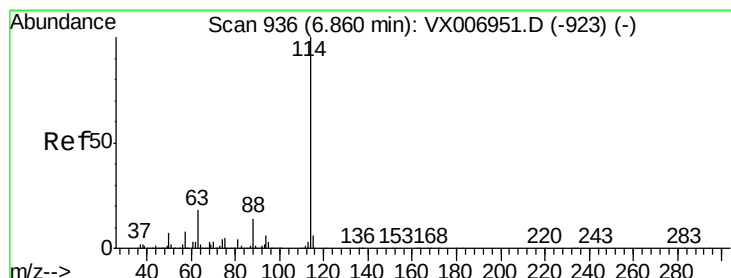
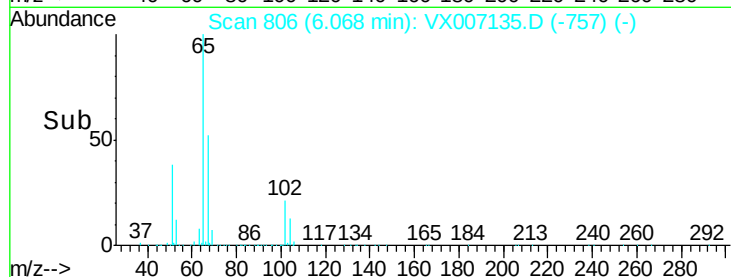
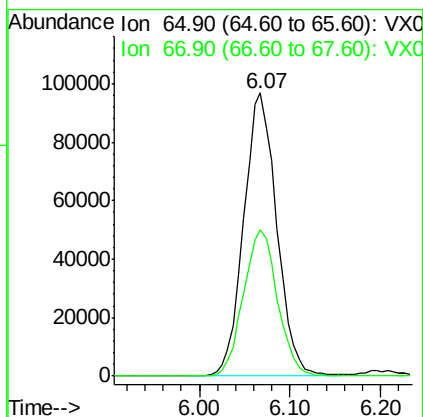
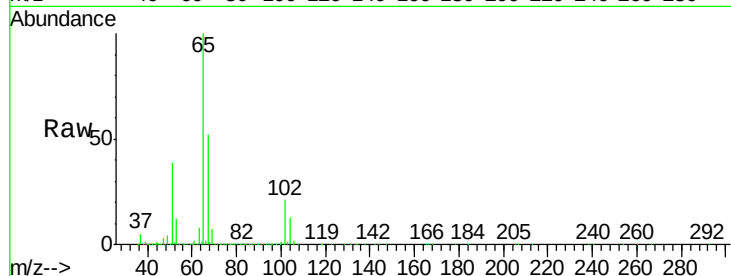




#33
 1,2-Dichloroethane-d4
 Concen: 52.566 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

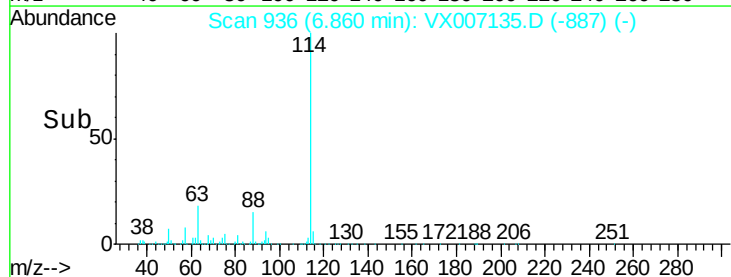
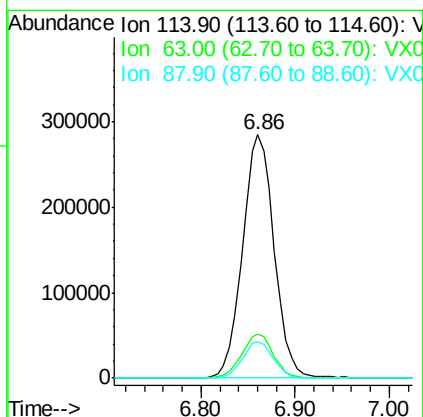
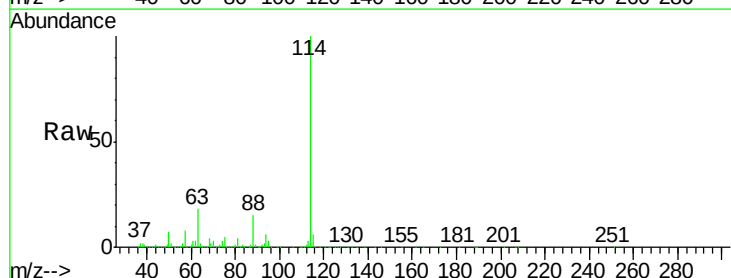
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

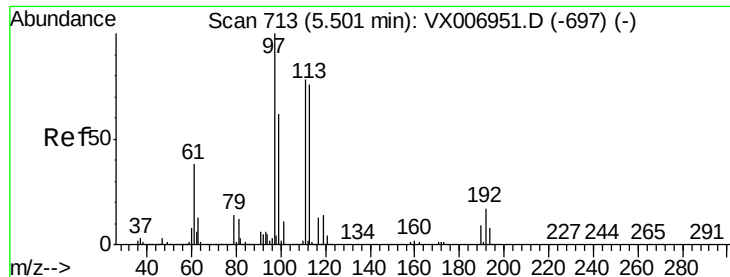
Tot Ion: 65 Resp: 244296
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion: 114 Resp: 667044
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 34.8
 88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 51.336 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

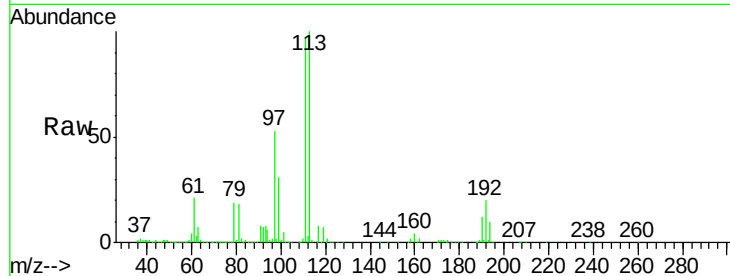
Tot Ion:113 Resp: 219294

Ion Ratio Lower Upper

113 100

111 102.8 81.6 122.4

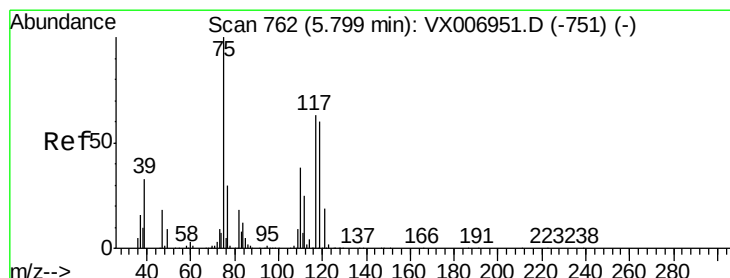
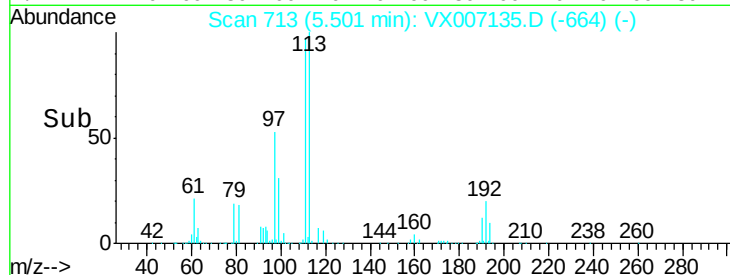
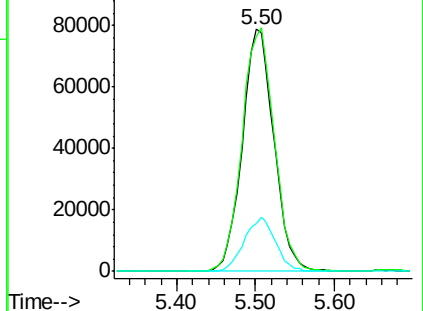
192 22.0 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.957 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

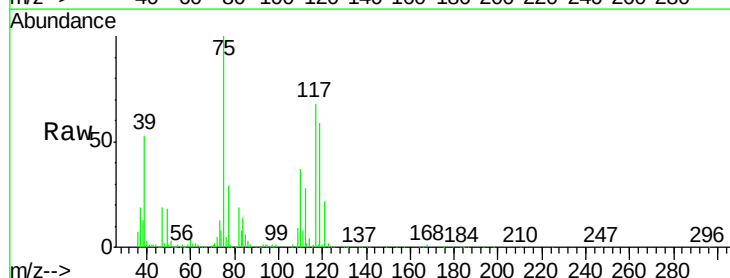
Tgt Ion: 75 Resp: 109939

Ion Ratio Lower Upper

75 100

110 40.5 20.2 60.5

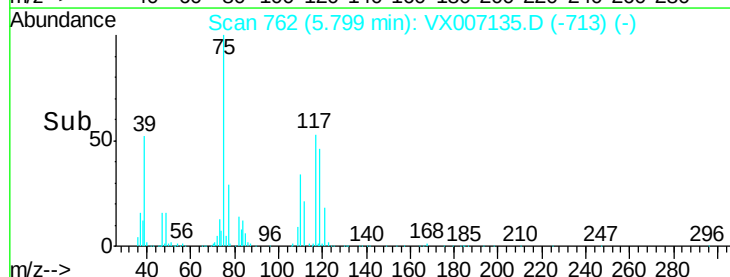
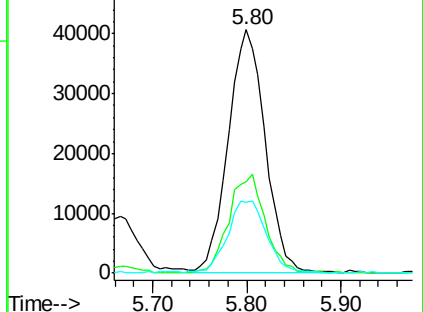
77 31.6 24.8 37.2

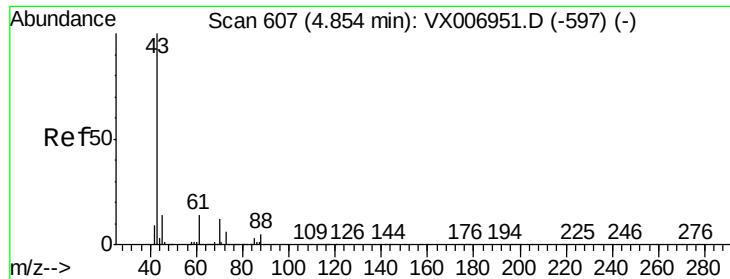


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

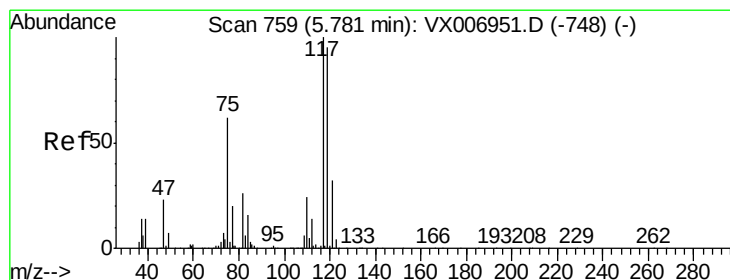
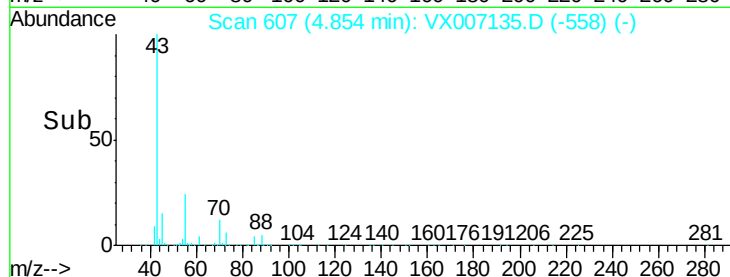
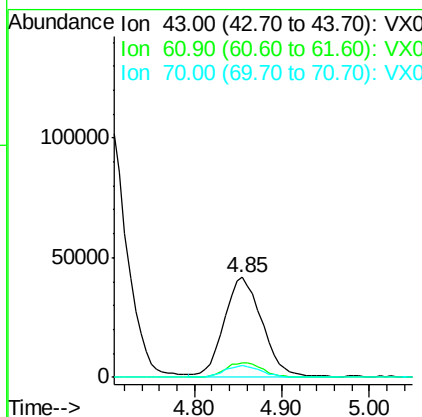
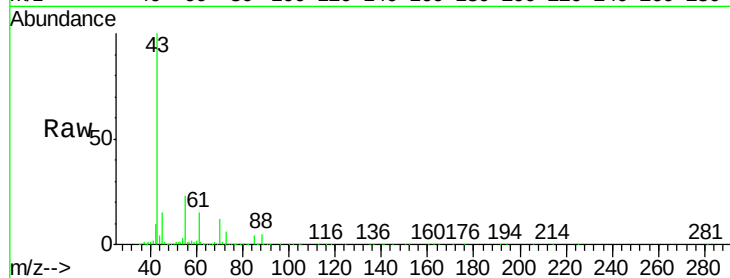




#37
Ethyl Acetate
Concen: 19.975 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

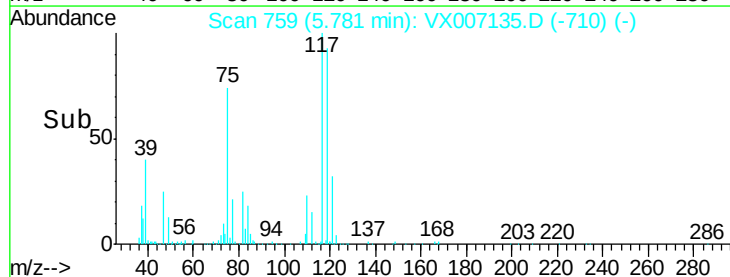
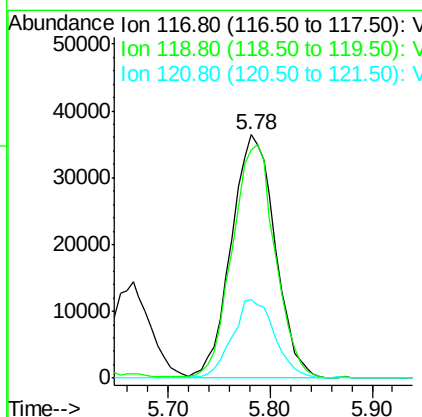
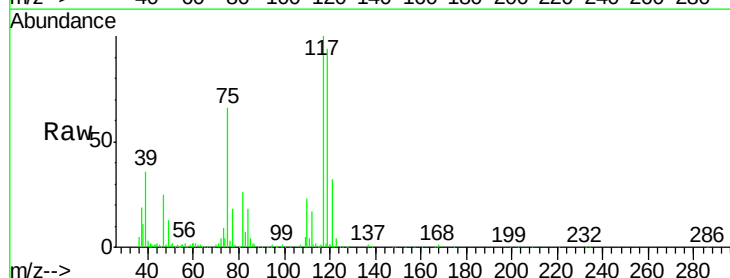
Instrument :
MSVOA_X
ClientSampled :
VX0118WBSD01

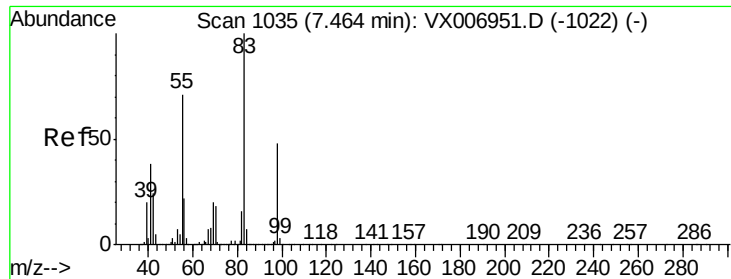
Tot Ion: 43 Resp: 124192
Ion Ratio Lower Upper
43 100
61 14.9 11.9 17.9
70 11.5 9.7 14.5



#38
Carbon Tetrachloride
Concen: 18.659 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 117 Resp: 108872
Ion Ratio Lower Upper
117 100
119 93.3 79.4 119.2
121 32.2 24.0 36.0

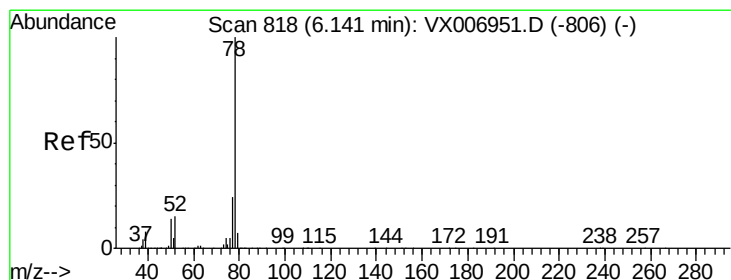
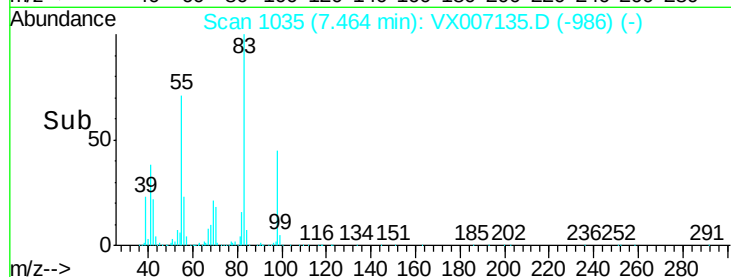
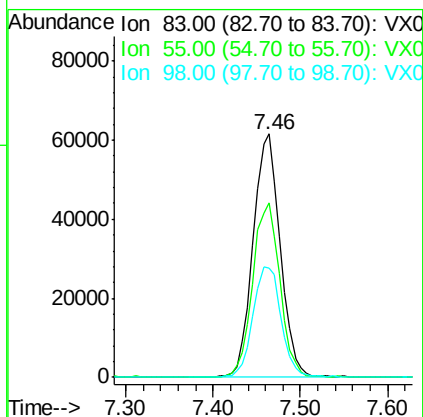
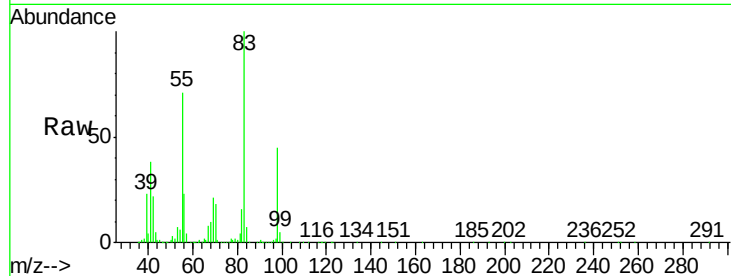




#39
Methylvlcyclohexane
Concen: 17.962 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

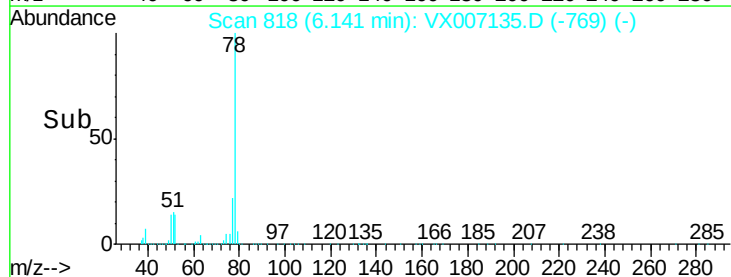
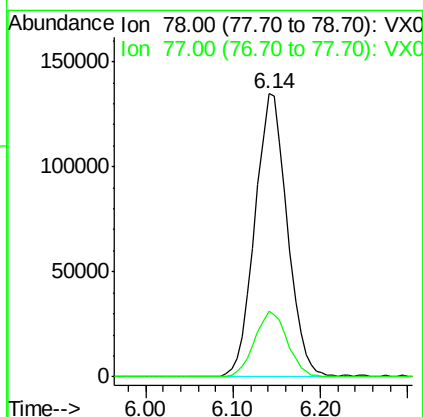
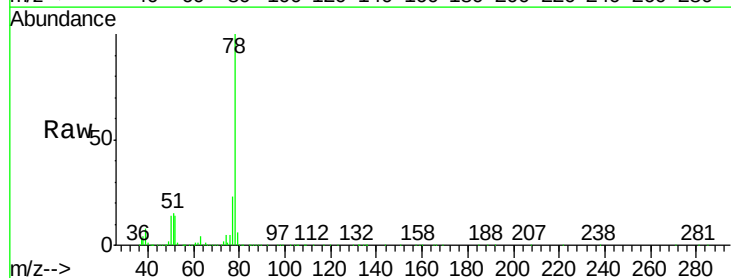
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

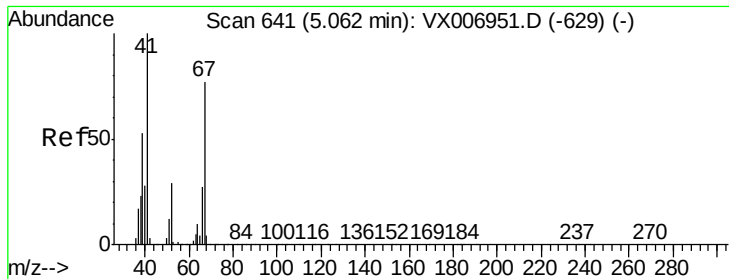
Tot Ion: 83 Resp: 132800
Ion Ratio Lower Upper
83 100
55 71.3 54.9 82.3
98 45.1 37.9 56.9



#40
Benzene
Concen: 19.608 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 78 Resp: 346985
Ion Ratio Lower Upper
78 100
77 23.0 19.2 28.8





#41

Methacrylonitrile

Concen: 18.911 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

Tot Ion: 41 Resp: 67733

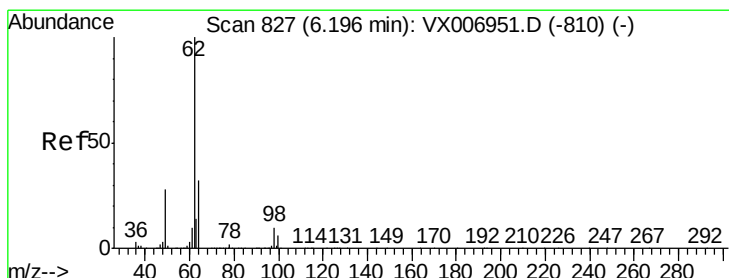
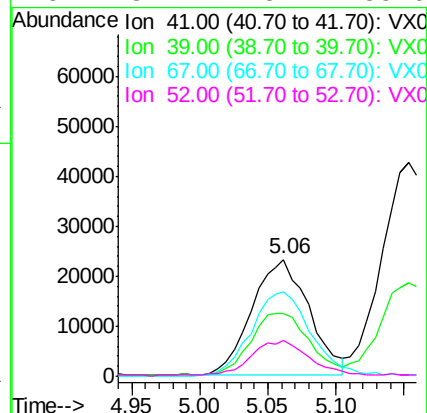
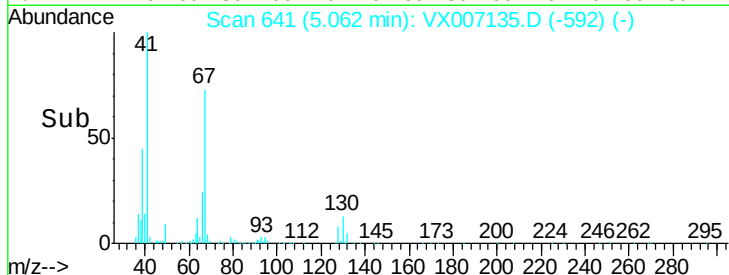
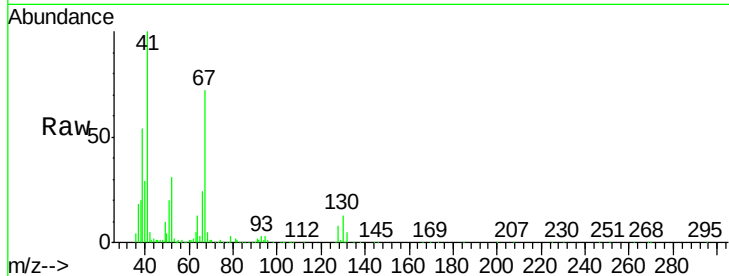
Ion Ratio Lower Upper

41 100

39 54.4 42.8 64.2

67 76.7 62.1 93.1

52 32.7 23.4 35.0



#42

1,2-Dichloroethane

Concen: 19.793 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX007135.D

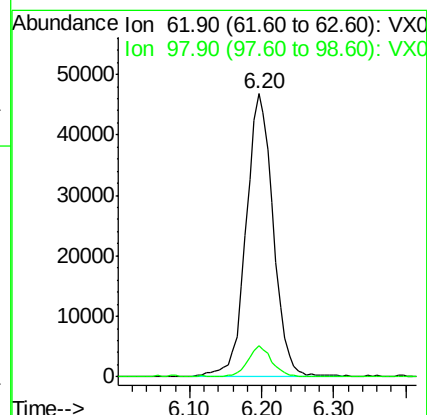
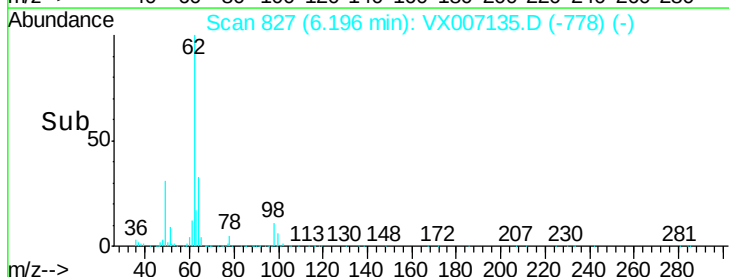
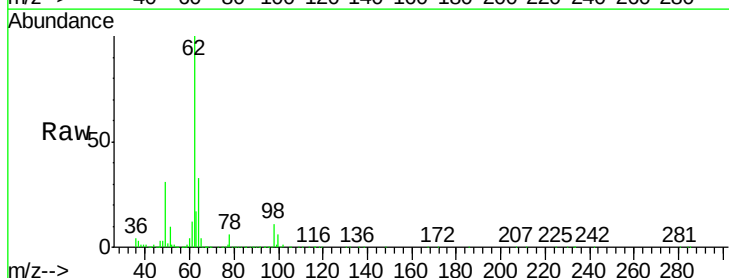
Acq: 18 Jan 2019 15:22

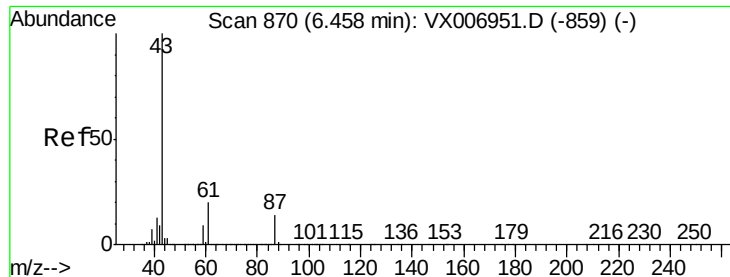
Tgt Ion: 62 Resp: 121035

Ion Ratio Lower Upper

62 100

98 9.9 0.0 20.2





#43

Isopropyl Acetate

Concen: 19.256 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

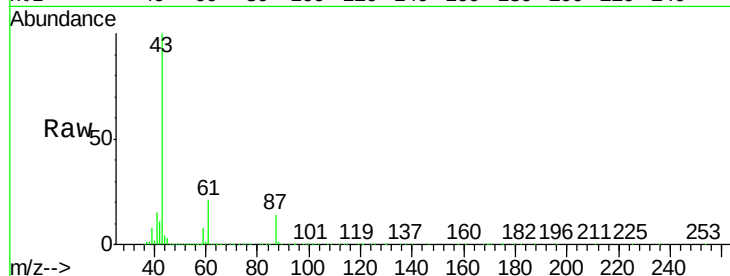
Tot Ion: 43 Resp: 188850

Ion Ratio Lower Upper

43 100

61 20.6 16.8 25.2

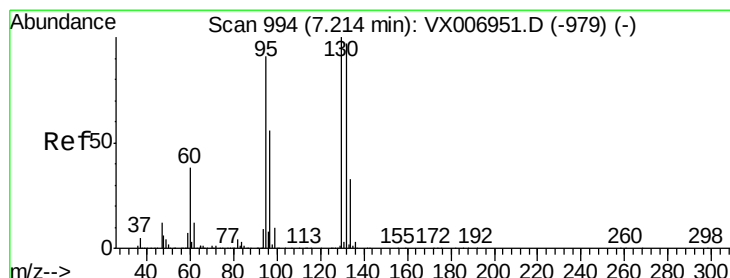
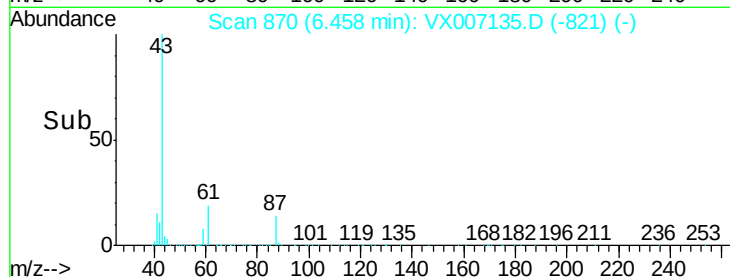
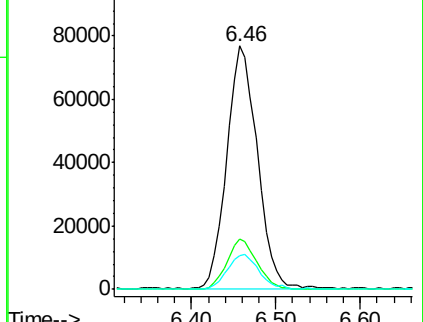
87 14.8 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX006951.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX006951.D (-859) (-)



#44

Trichloroethene

Concen: 18.663 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX007135.D

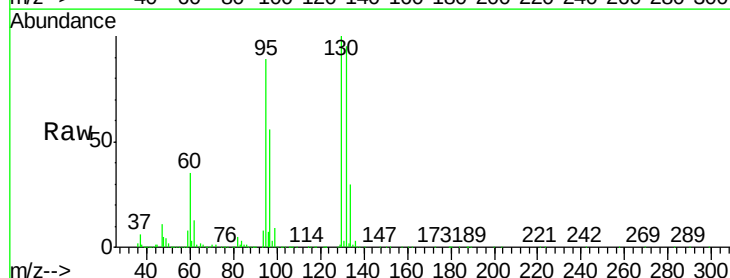
Acq: 18 Jan 2019 15:22

Tgt Ion:130 Resp: 98967

Ion Ratio Lower Upper

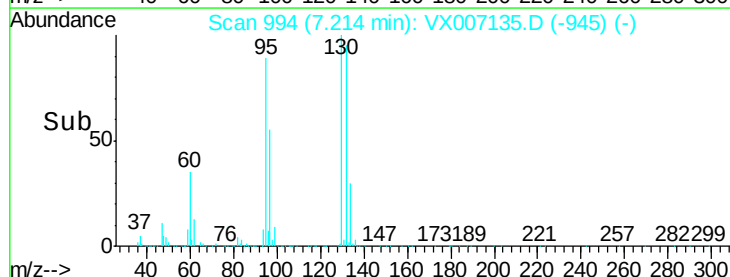
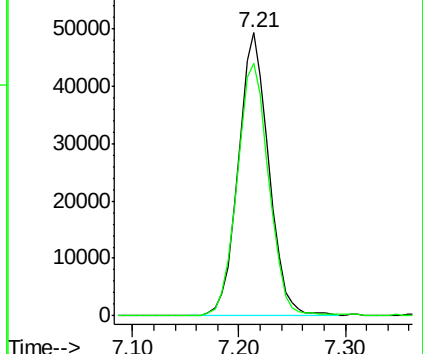
130 100

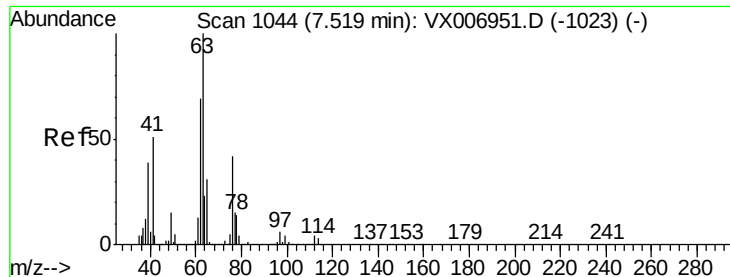
95 89.0 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): VX006951.D (-979) (-)

Ion 94.90 (94.60 to 95.60): VX006951.D (-979) (-)





#45

1,2-Dichloropropane

Concen: 19.334 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

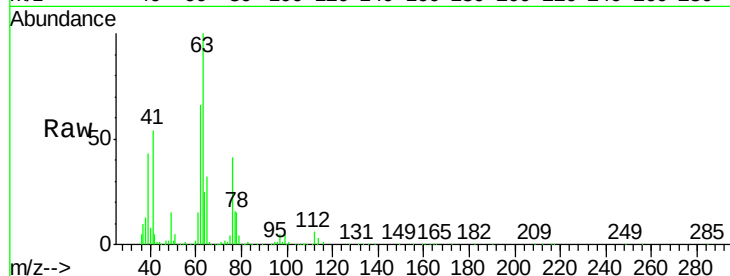
VX0118WBSD01

Tot Ion: 63 Resp: 86011

Ion Ratio Lower Upper

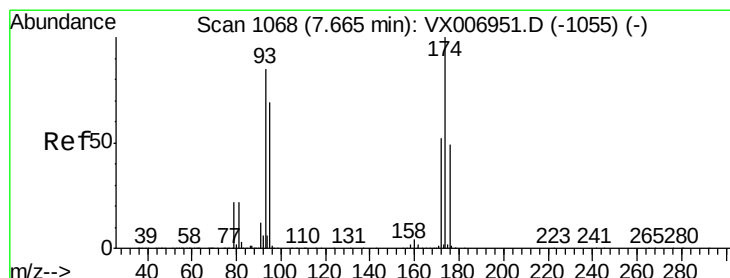
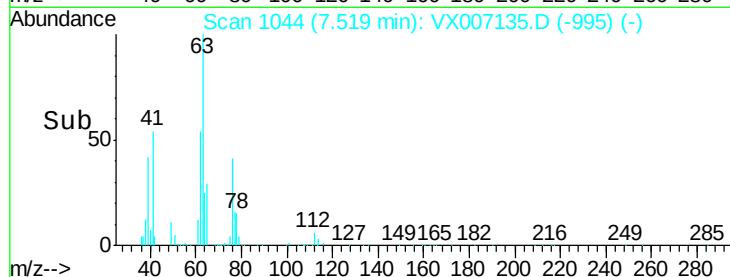
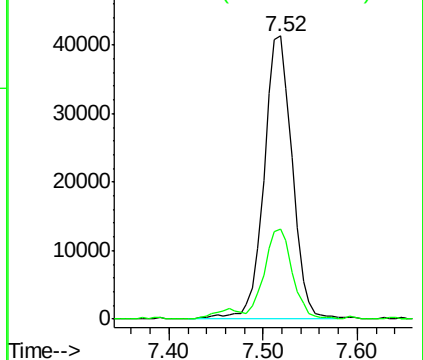
63 100

65 31.5 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: 19.434 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

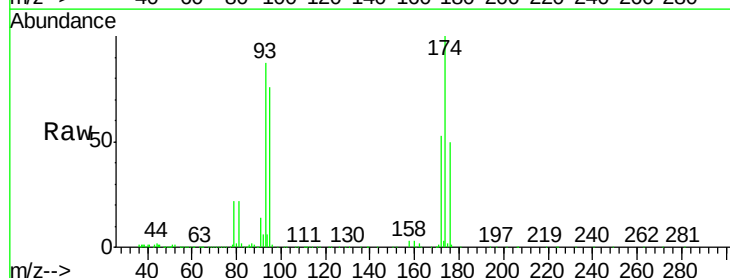
Tgt Ion: 93 Resp: 60761

Ion Ratio Lower Upper

93 100

95 87.3 66.2 99.4

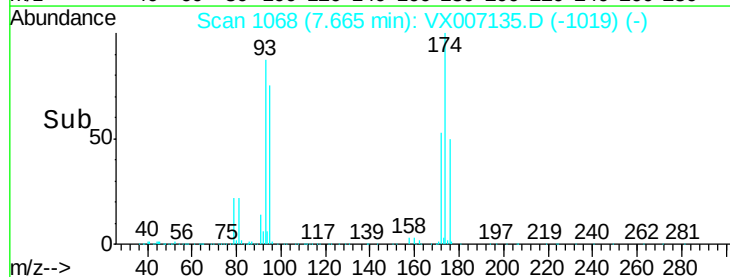
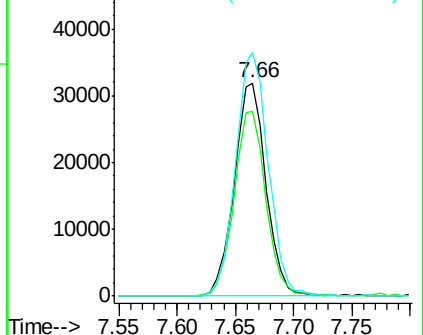
174 117.9 91.0 136.4

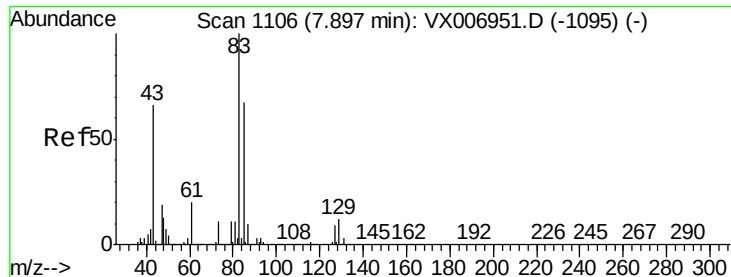


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.557 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

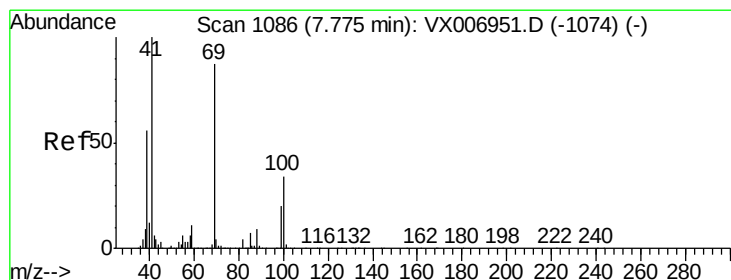
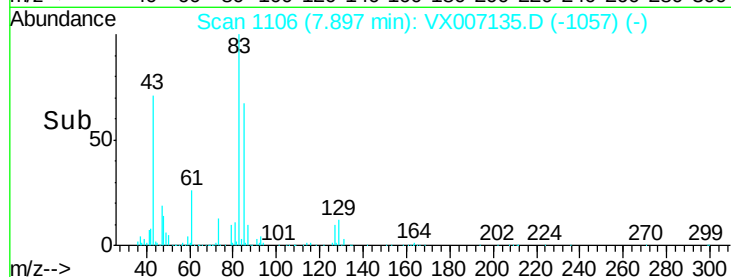
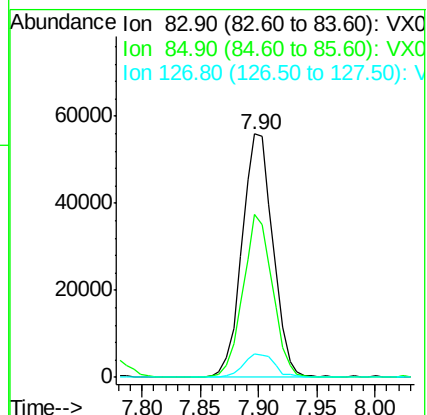
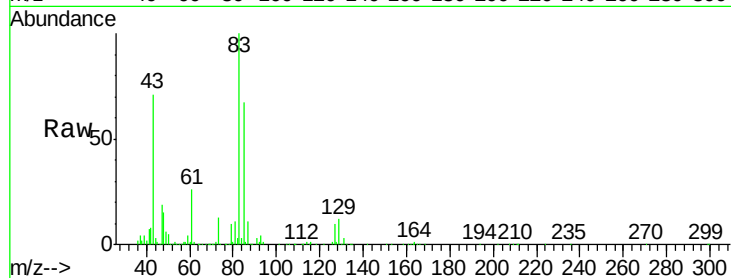
Tot Ion: 83 Resp: 104084

Ion Ratio Lower Upper

83 100

85 67.1 53.2 79.8

127 9.8 7.8 11.6



#48

Methyl methacrylate

Concen: 20.039 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

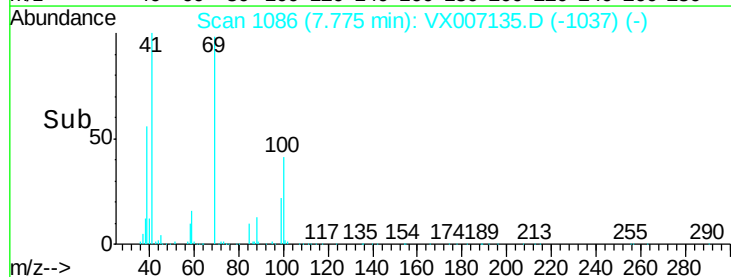
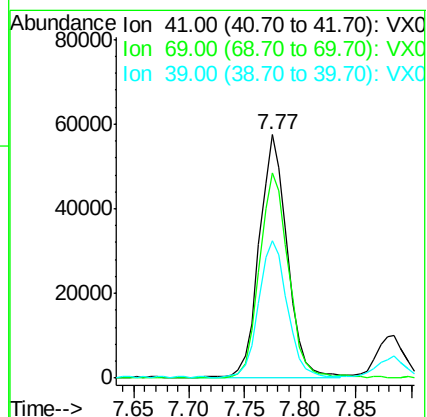
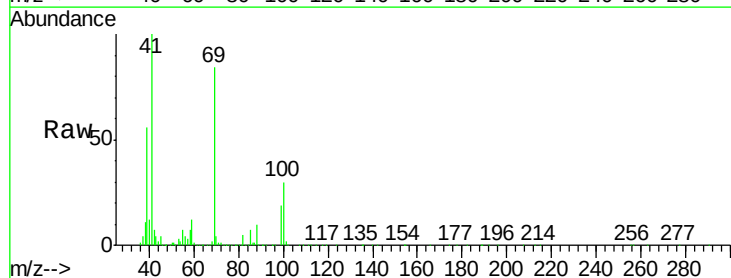
Tgt Ion: 41 Resp: 100922

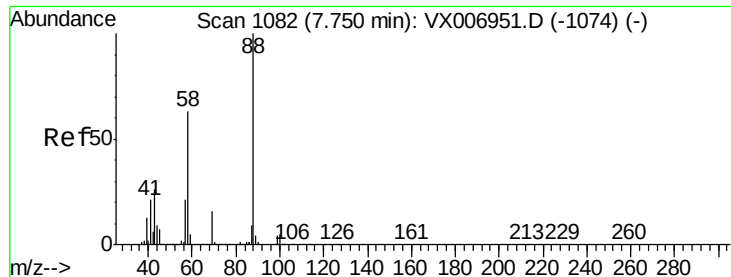
Ion Ratio Lower Upper

41 100

69 87.6 72.4 108.6

39 57.0 45.8 68.8





#49

1,4-Dioxane

Concen: 437.531 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

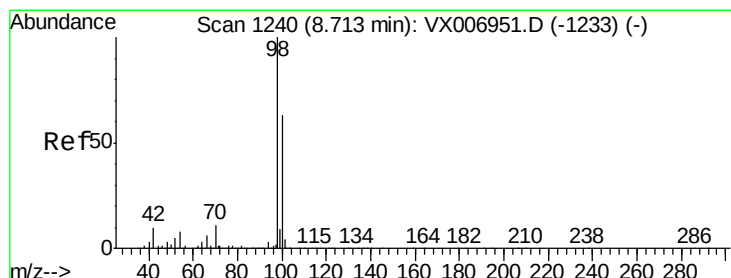
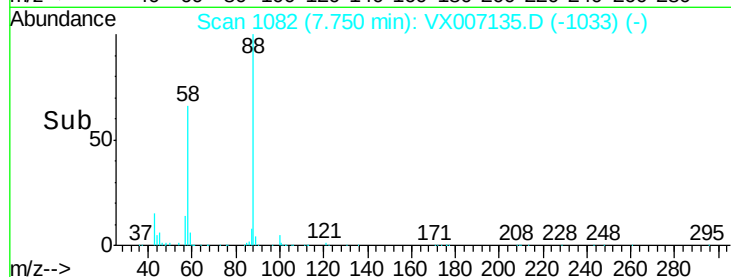
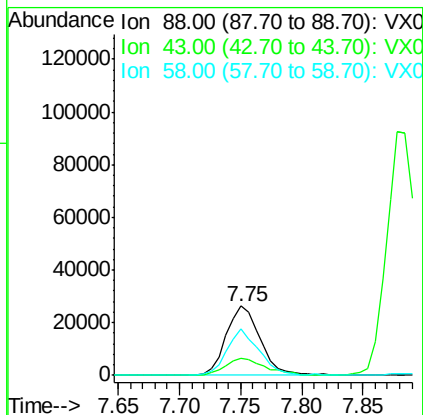
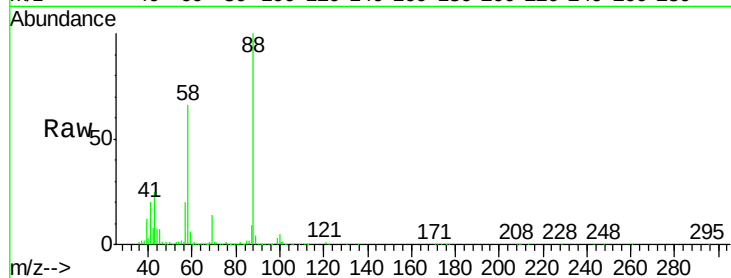
Tot Ion: 88 Resp: 50878

Ion Ratio Lower Upper

88 100

43 27.8 22.2 33.4

58 63.2 51.0 76.4



#50

Toluene-d8

Concen: 52.500 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007135.D

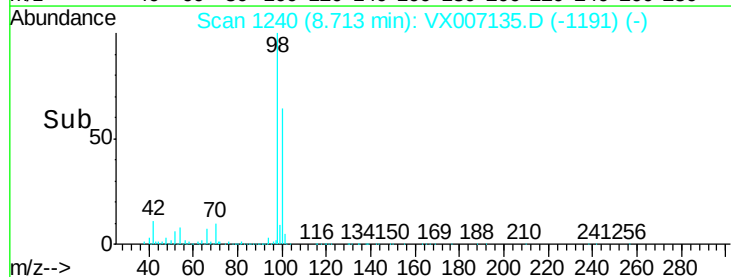
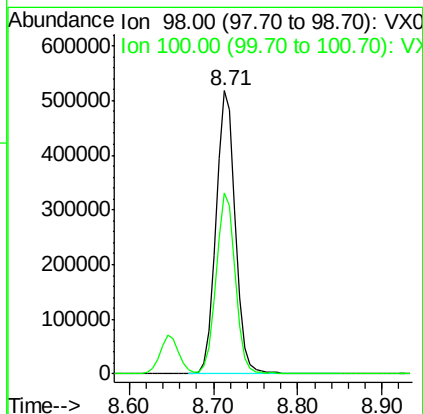
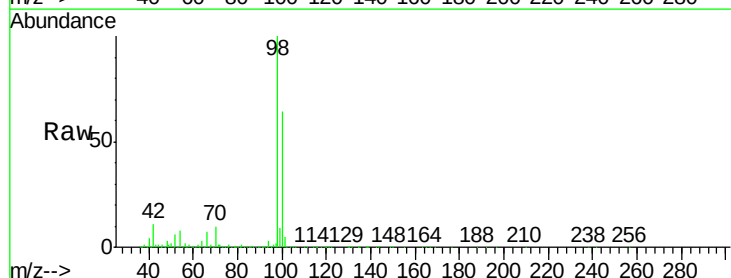
Acq: 18 Jan 2019 15:22

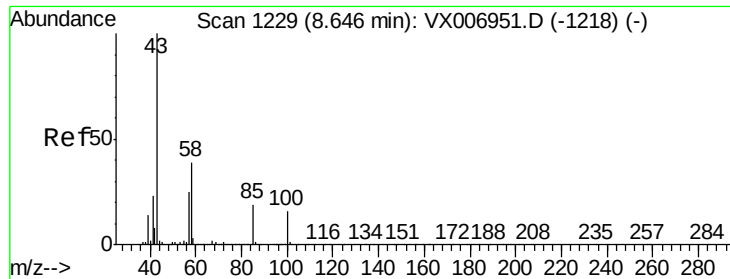
Tgt Ion: 98 Resp: 820884

Ion Ratio Lower Upper

98 100

100 63.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 107.461 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

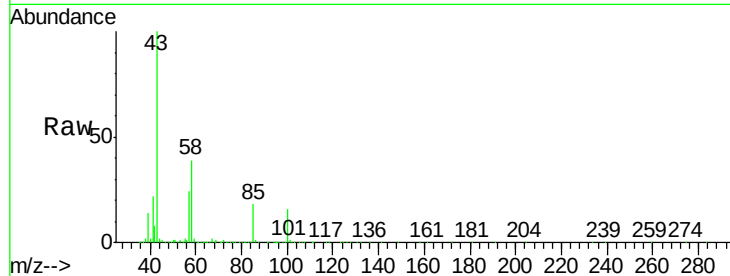
VX0118WBSD01

Tot Ion: 43 Resp: 677298

Ion Ratio Lower Upper

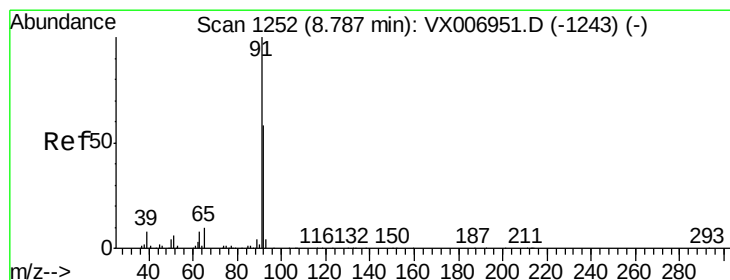
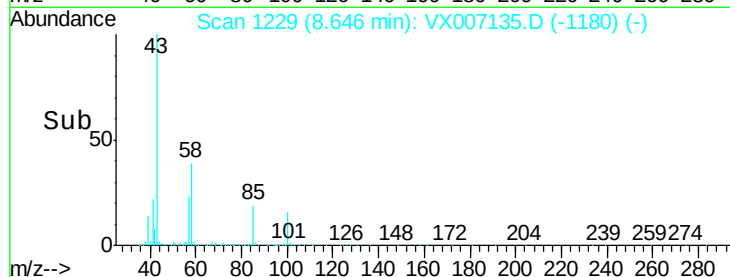
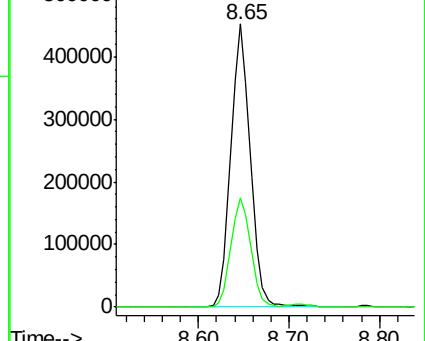
43 100

58 39.4 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.931 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007135.D

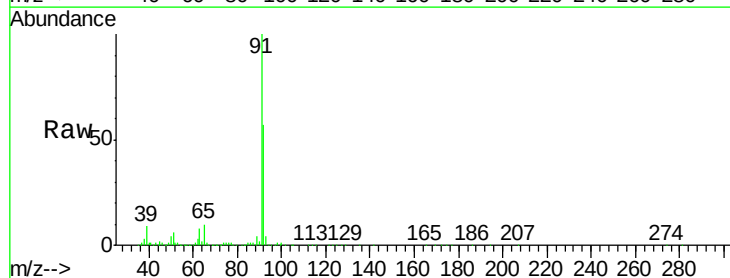
Acq: 18 Jan 2019 15:22

Tgt Ion: 92 Resp: 226691

Ion Ratio Lower Upper

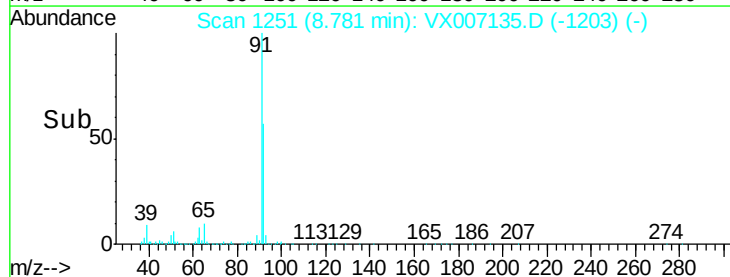
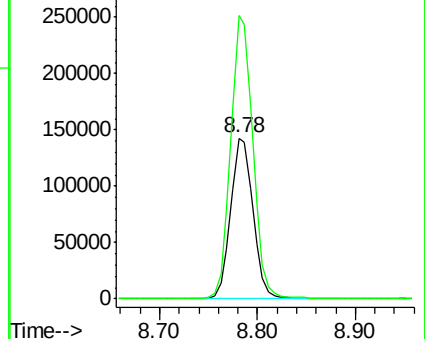
92 100

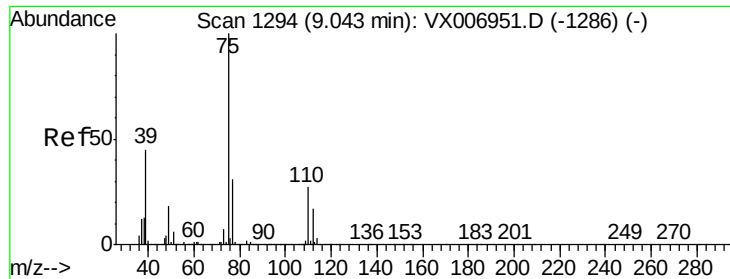
91 173.7 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.024 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

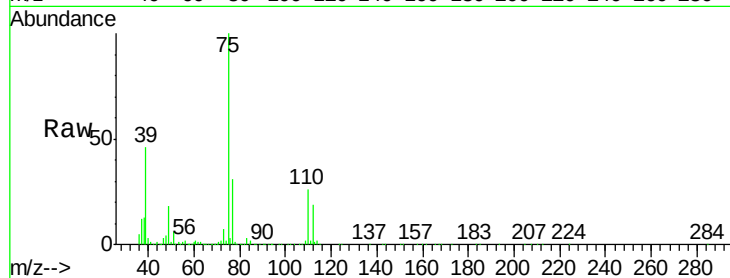
VX0118WBSD01

Tot Ion: 75 Resp: 106364

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

80000

60000

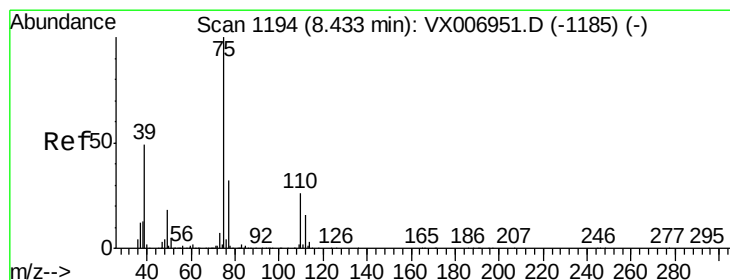
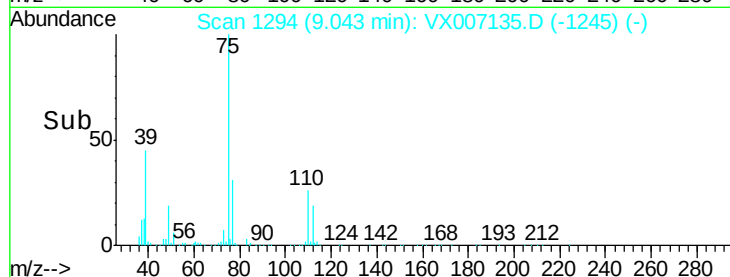
40000

20000

0

9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.520 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

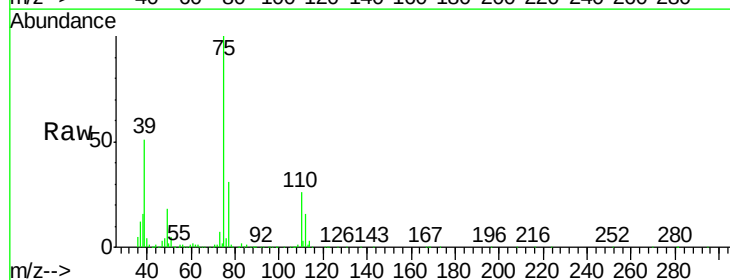
Tgt Ion: 75 Resp: 120695

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

39 50.2 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

100000

80000

60000

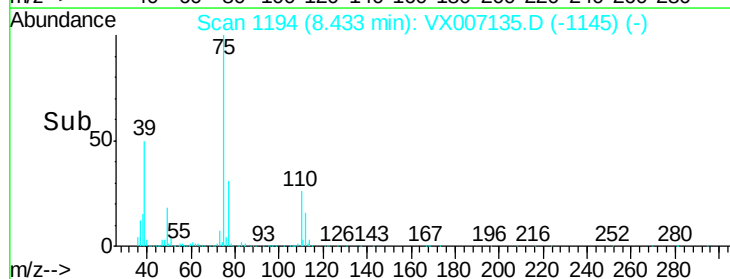
40000

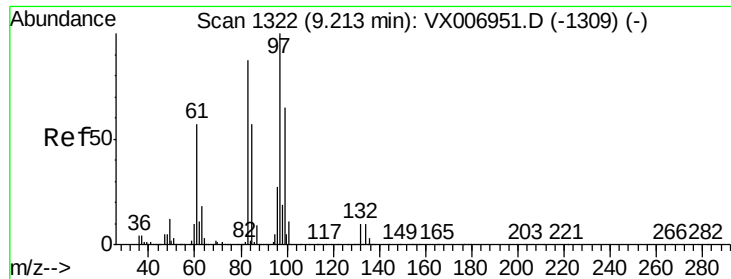
20000

0

8.40 8.50

Time-->





#55

1,1,2-Trichloroethane

Concen: 21.326 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

Tot Ion: 97 Resp: 97084

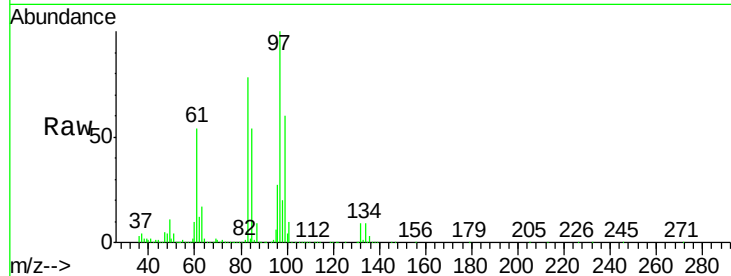
Ion Ratio Lower Upper

97 100

83 78.1 66.6 99.8

85 53.6 42.7 64.1

99 60.3 50.8 76.2

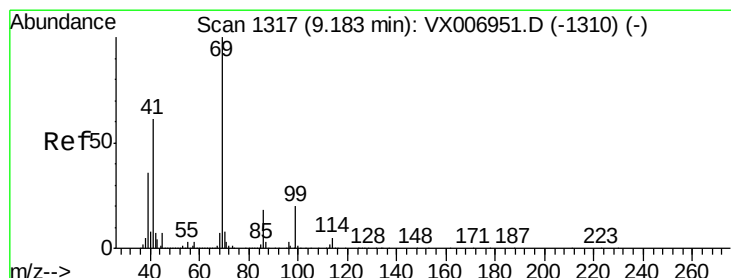
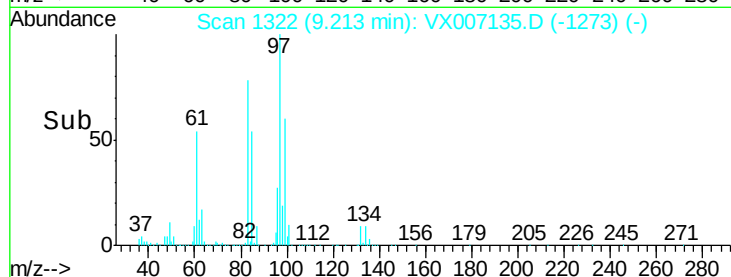
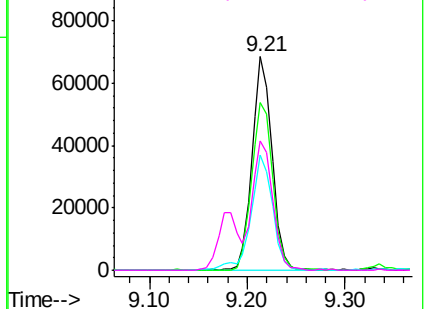


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.260 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

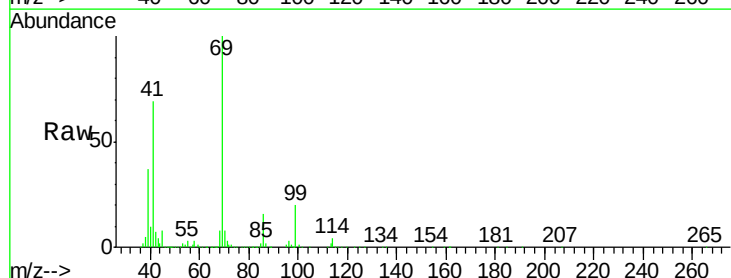
Tgt Ion: 69 Resp: 134650

Ion Ratio Lower Upper

69 100

41 63.7 48.7 73.1

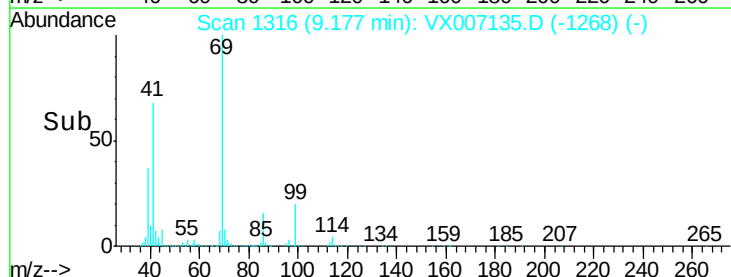
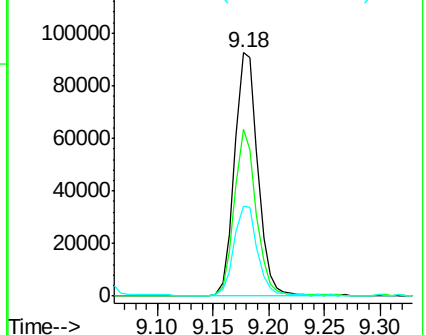
39 37.2 27.0 40.6

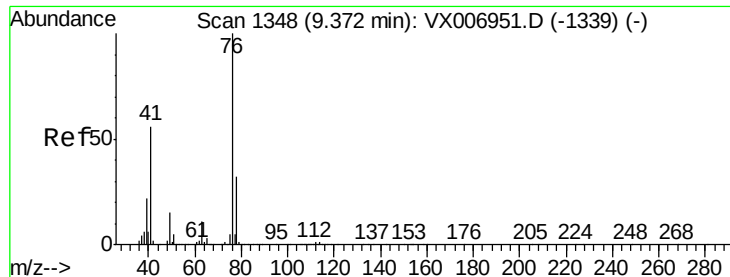


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.443 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

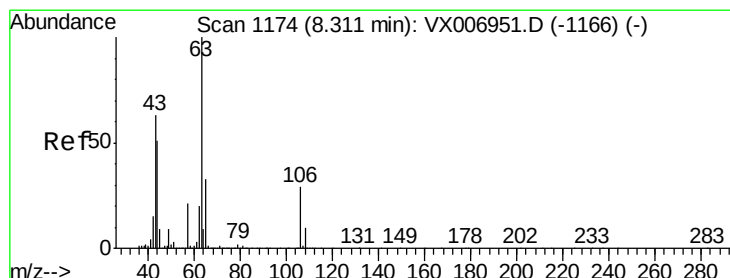
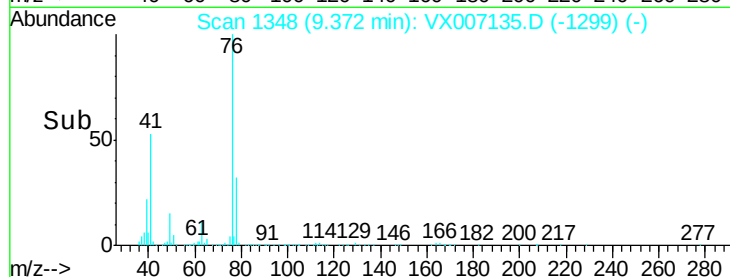
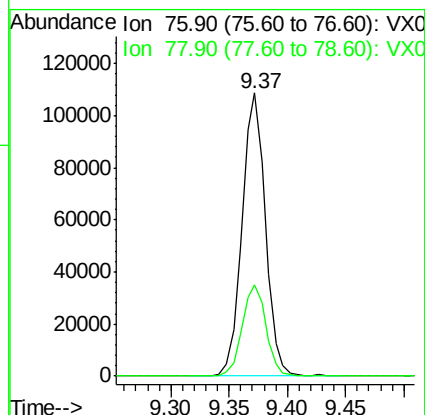
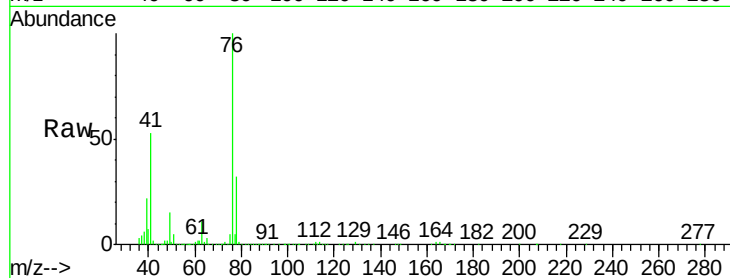
VX0118WBSD01

Tot Ion: 76 Resp: 152468

Ion Ratio Lower Upper

76 100

78 33.1 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 98.012 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007135.D

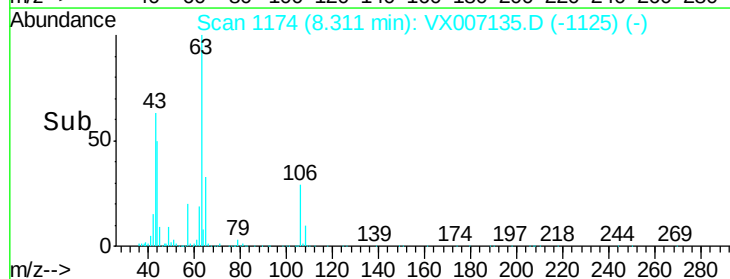
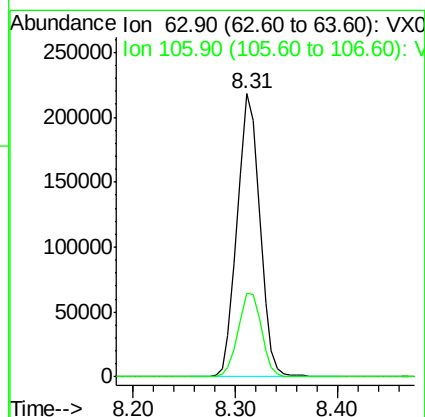
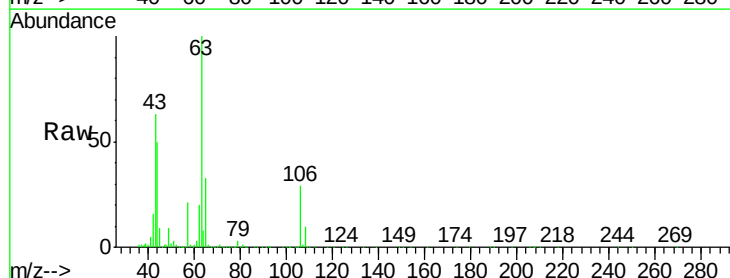
Acq: 18 Jan 2019 15:22

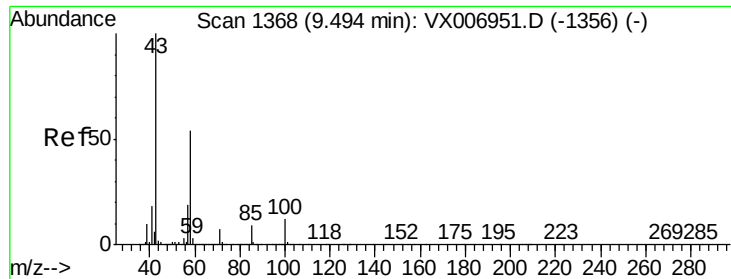
Tgt Ion: 63 Resp: 334914

Ion Ratio Lower Upper

63 100

106 30.6 24.6 36.8

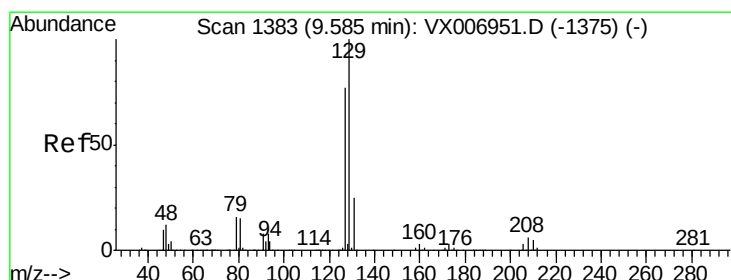
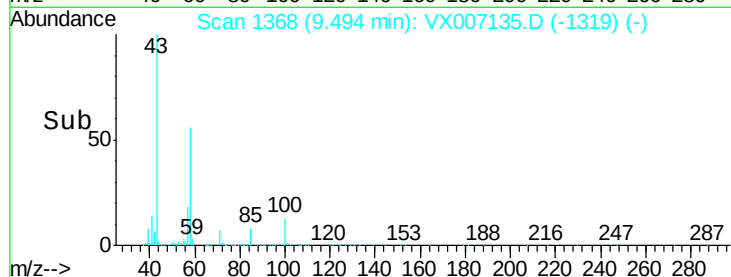
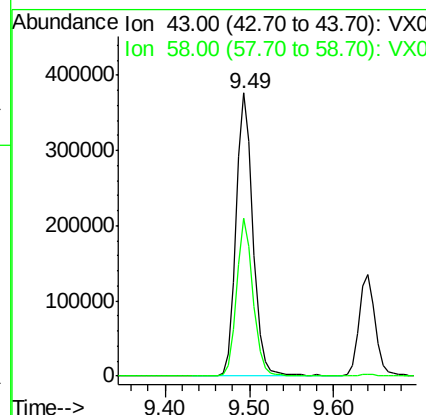
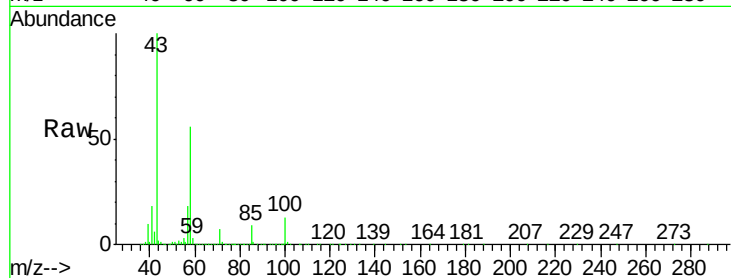




#59
2-Hexanone
Concen: 106.929 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

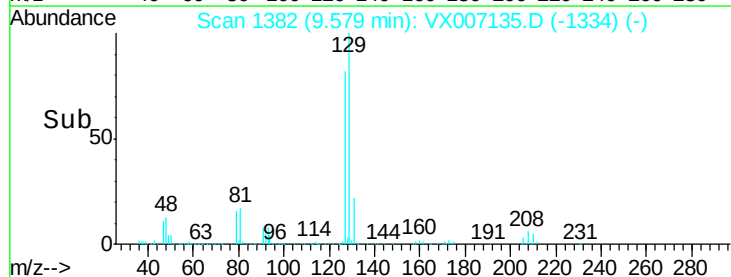
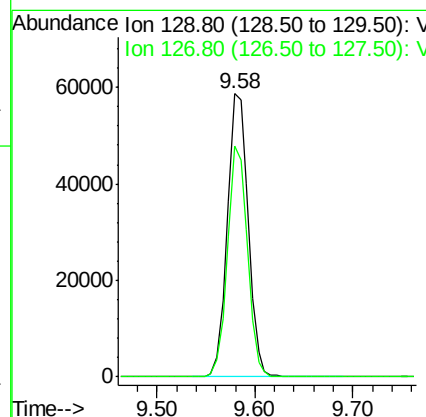
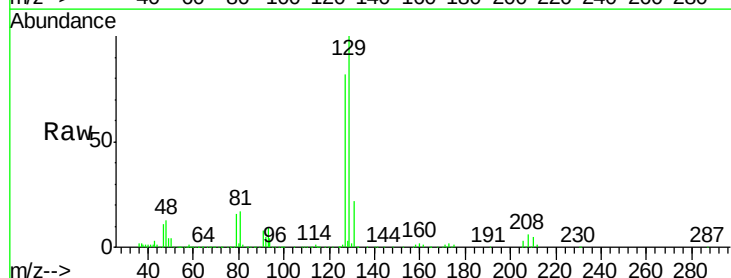
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

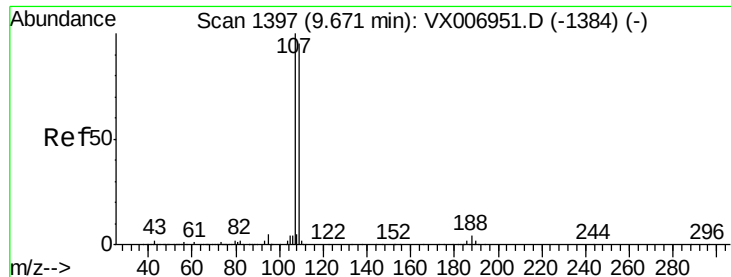
Tot Ion: 43 Resp: 513582
Ion Ratio Lower Upper
43 100
58 54.5 27.7 83.1



#60
Dibromochloromethane
Concen: 19.710 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion:129 Resp: 87128
Ion Ratio Lower Upper
129 100
127 77.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.148 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

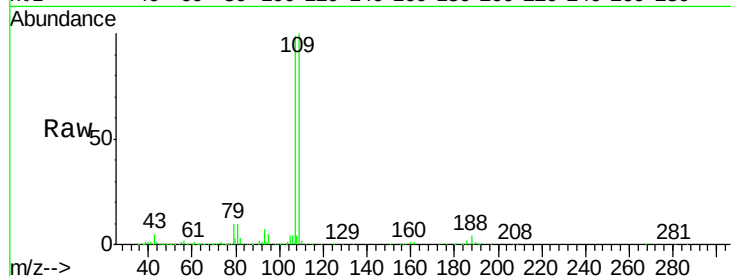
VX0118WBSD01

Tot Ion:107 Resp: 100977

Ion Ratio Lower Upper

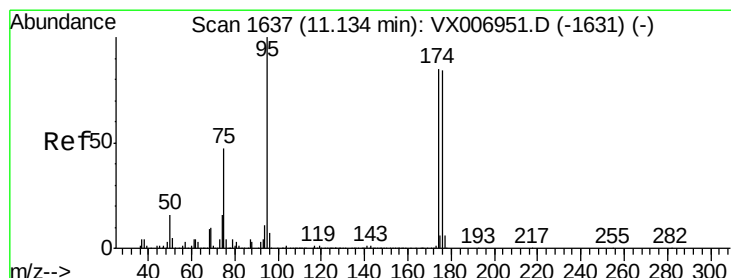
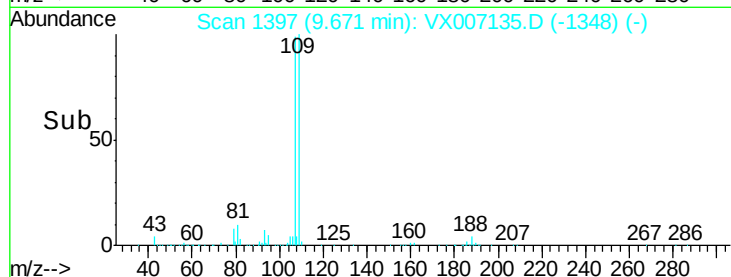
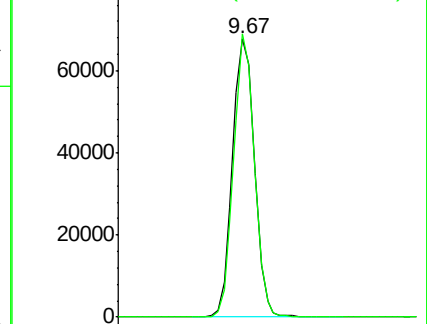
107 100

109 95.6 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: 55.229 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

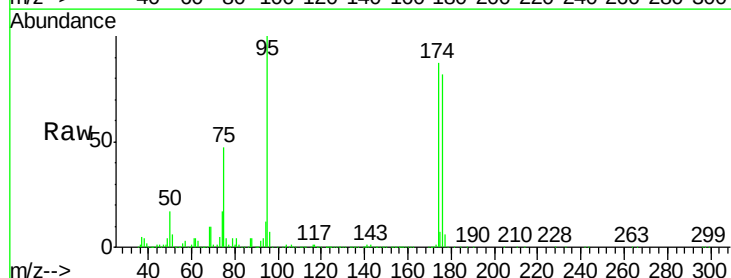
Tgt Ion: 95 Resp: 301052

Ion Ratio Lower Upper

95 100

174 93.6 0.0 182.2

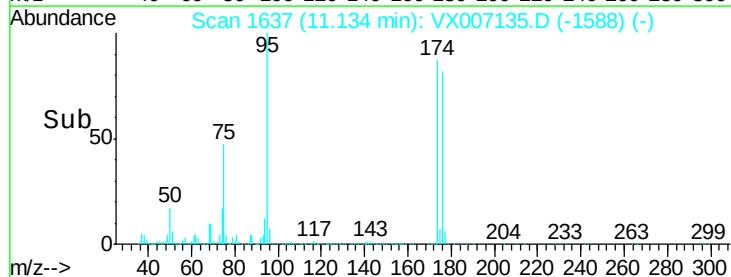
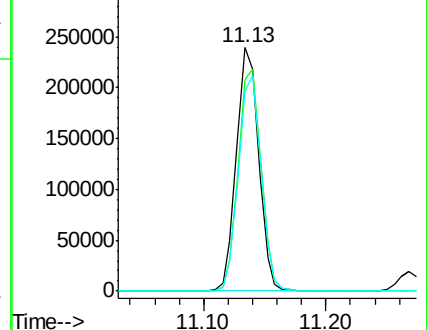
176 90.0 0.0 178.8

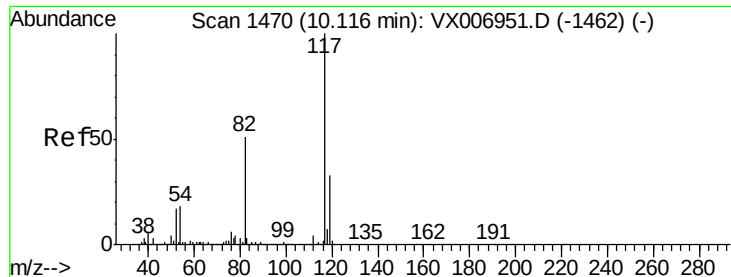


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

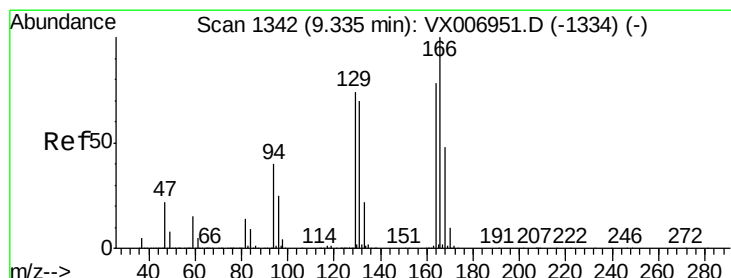
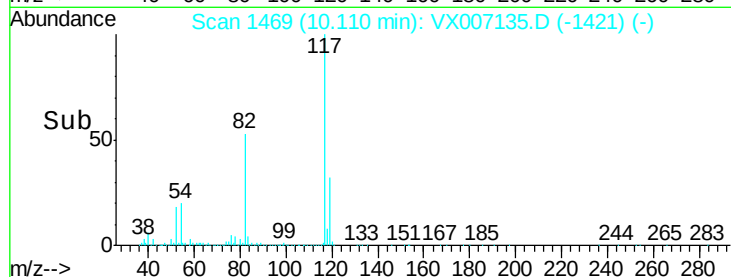
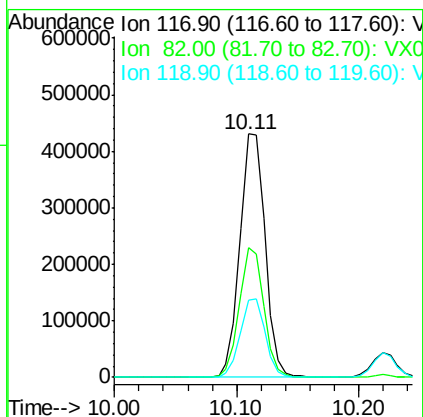
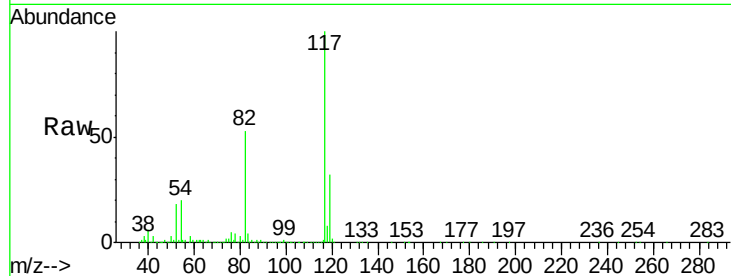




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

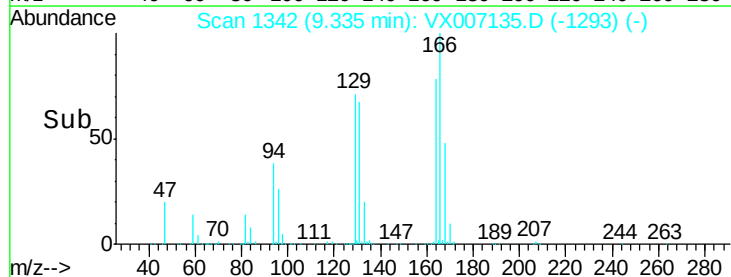
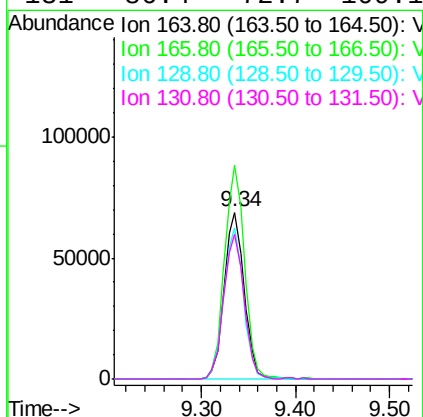
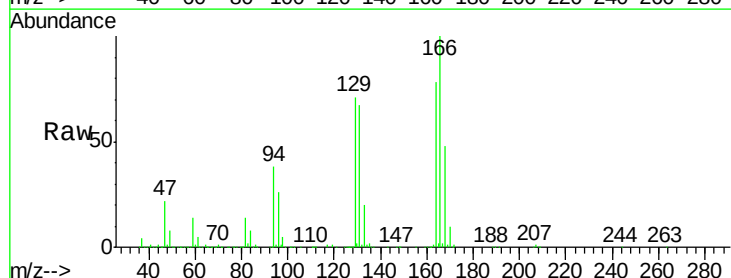
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

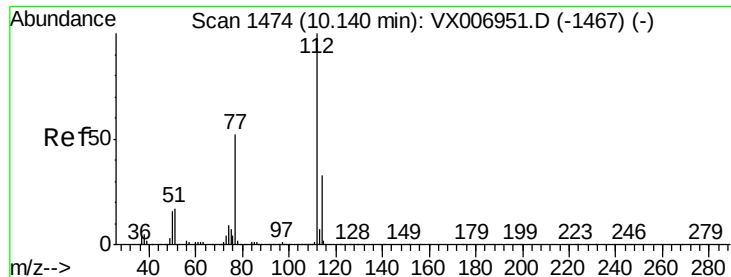
Tot Ion:117 Resp: 617584
Ion Ratio Lower Upper
117 100
82 53.2 41.0 61.6
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 18.953 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion:164 Resp: 101339
Ion Ratio Lower Upper
164 100
166 128.1 102.5 153.7
129 90.6 75.1 112.7
131 86.4 72.7 109.1





#65

Chlorobenzene

Concen: 19.763 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

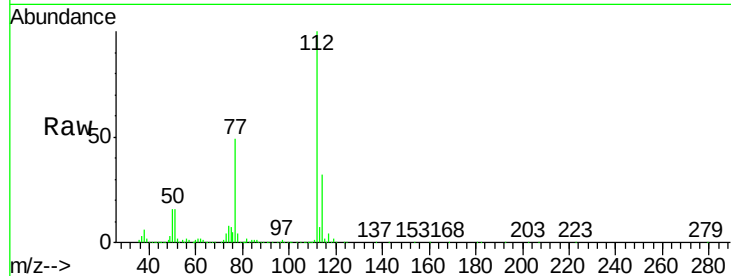
VX0118WBSD01

Tot Ion:112 Resp: 266203

Ion Ratio Lower Upper

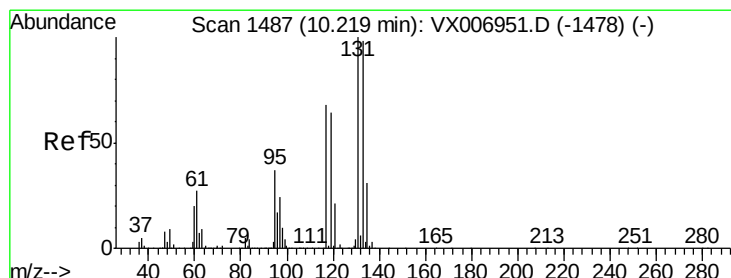
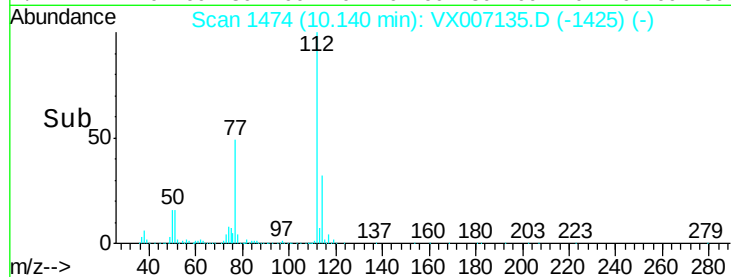
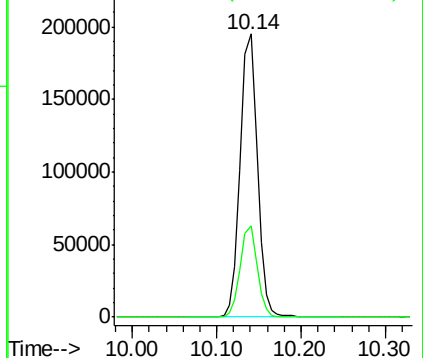
112 100

114 32.2 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.585 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

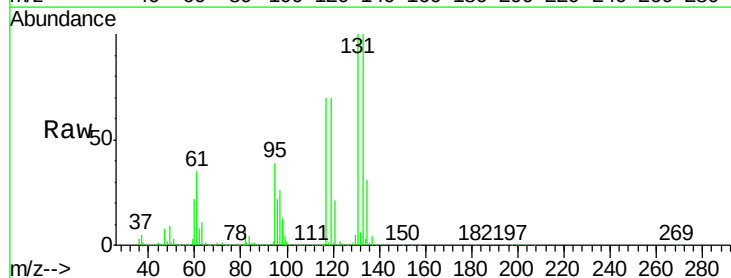
Tgt Ion:131 Resp: 88746

Ion Ratio Lower Upper

131 100

133 96.7 48.0 144.2

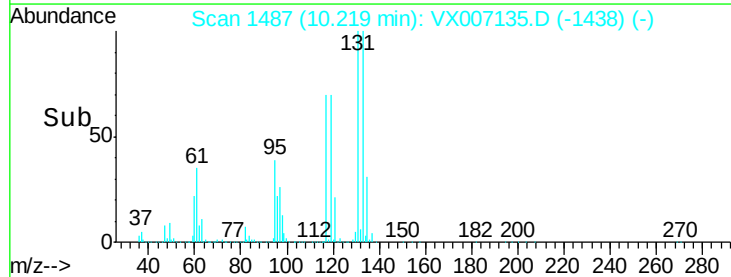
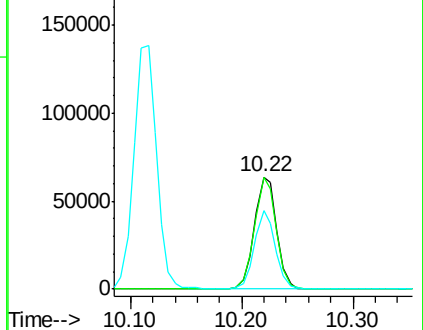
119 66.1 32.6 97.8

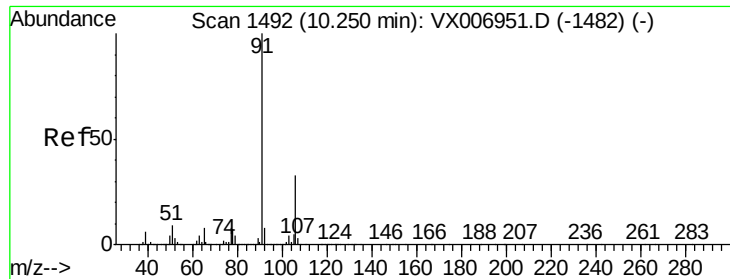


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.205 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

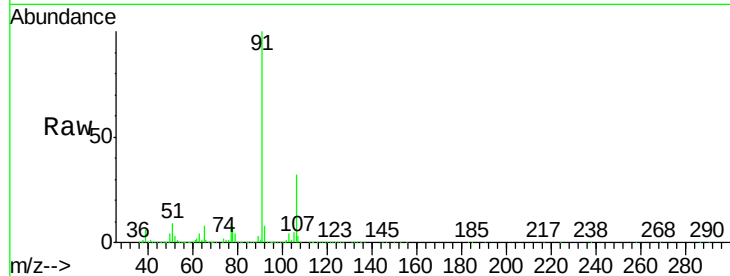
VX0118WBSD01

Tot Ion: 91 Resp: 427057

Ion Ratio Lower Upper

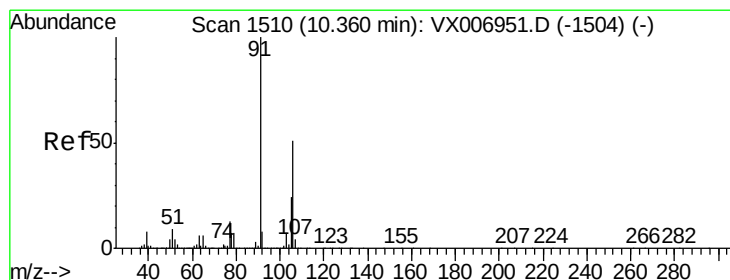
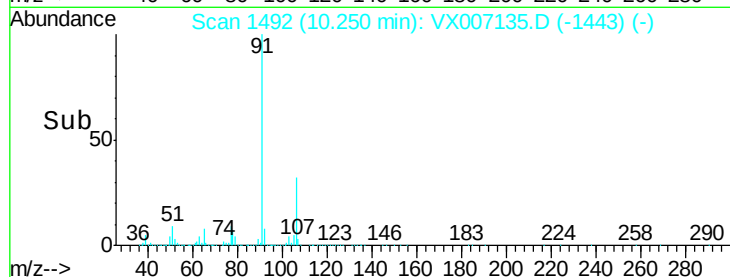
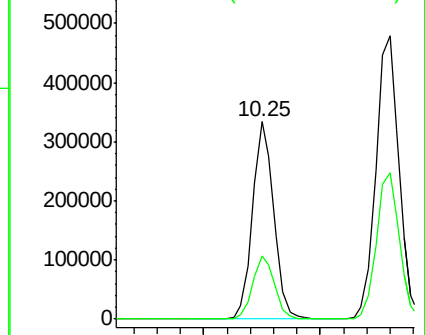
91 100

106 32.1 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.723 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007135.D

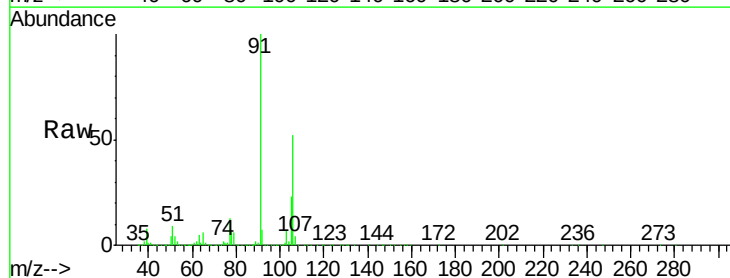
Acq: 18 Jan 2019 15:22

Tgt Ion: 106 Resp: 339258

Ion Ratio Lower Upper

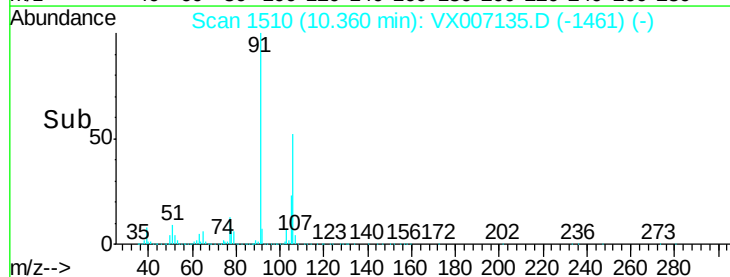
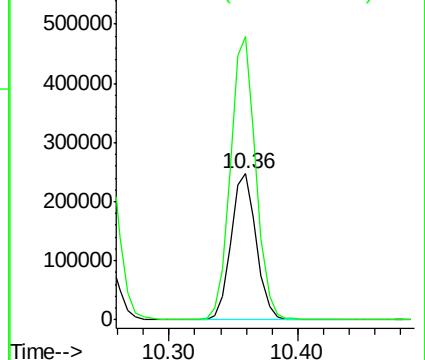
106 100

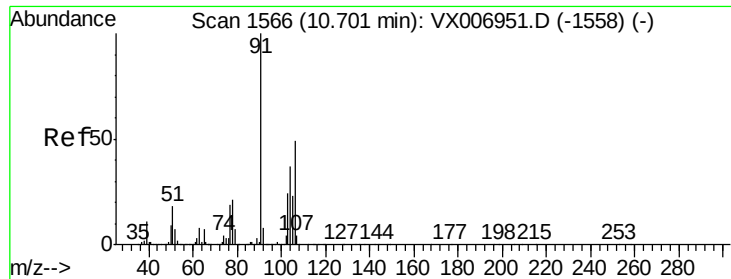
91 195.1 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

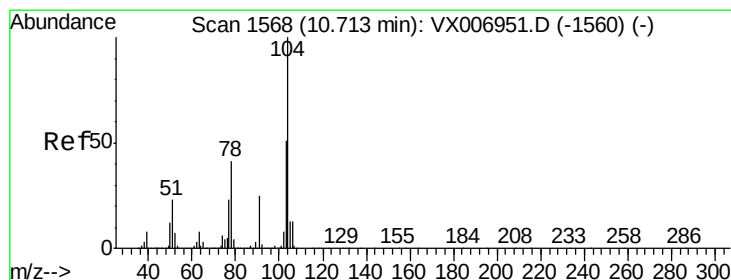
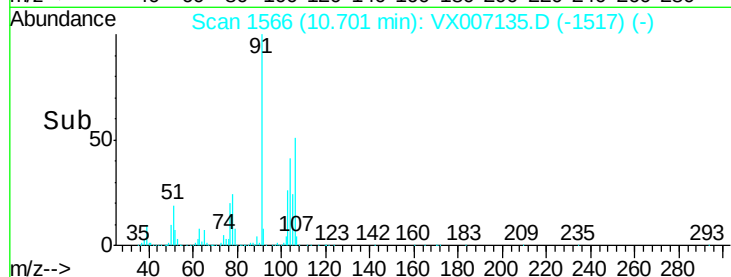
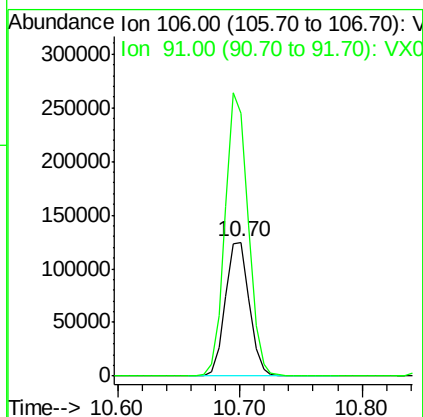
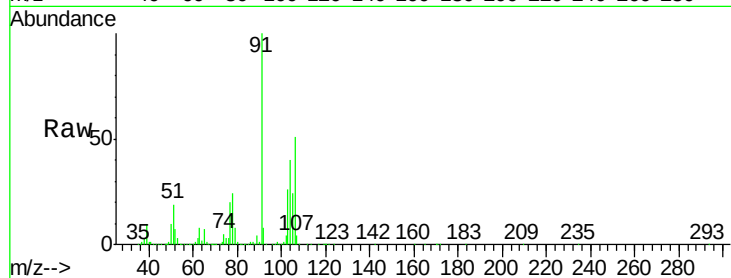




#69
o-Xylene
Concen: 19.721 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

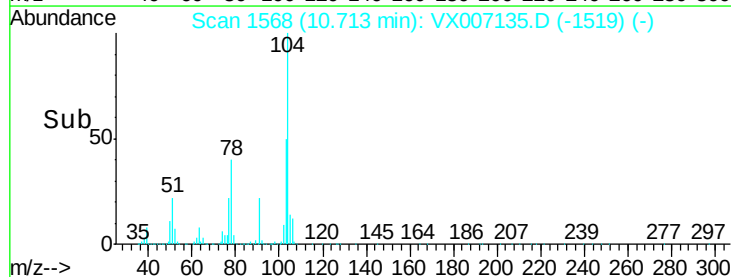
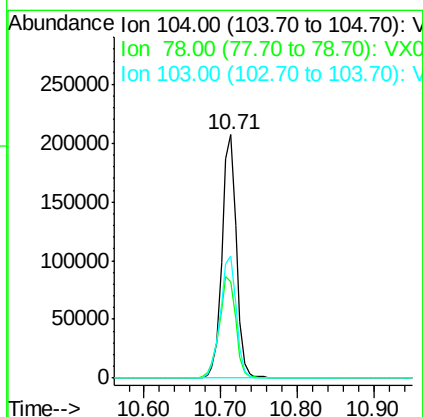
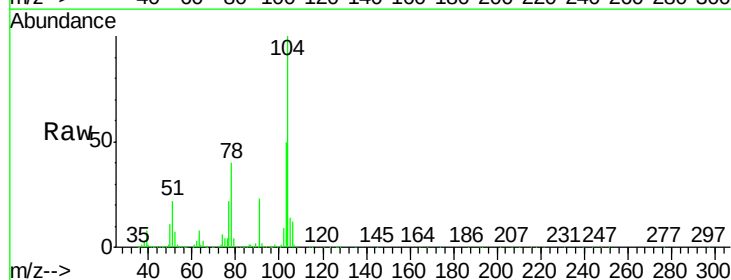
Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

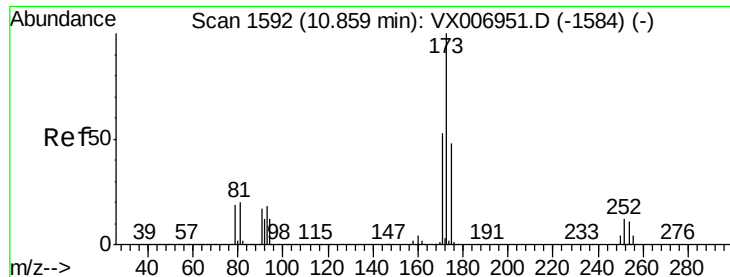
Tot Ion:106 Resp: 168504
Ion Ratio Lower Upper
106 100
91 204.3 101.3 303.7



#70
Styrene
Concen: 19.932 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion:104 Resp: 269731
Ion Ratio Lower Upper
104 100
78 47.7 37.7 56.5
103 55.8 43.8 65.8





#71

Bromoform

Concen: 19.058 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

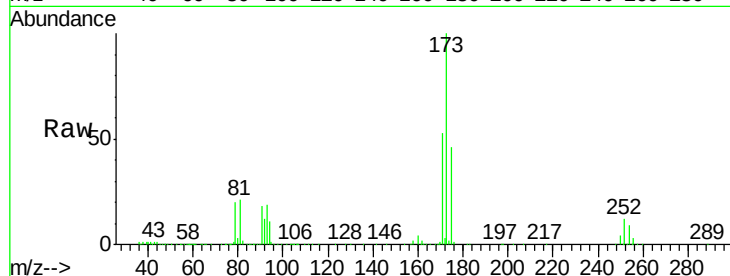
Tot Ion:173 Resp: 64160

Ion Ratio Lower Upper

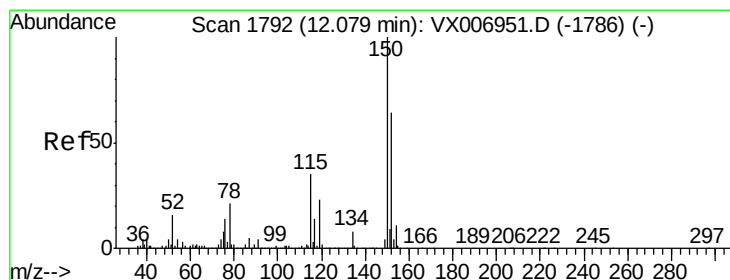
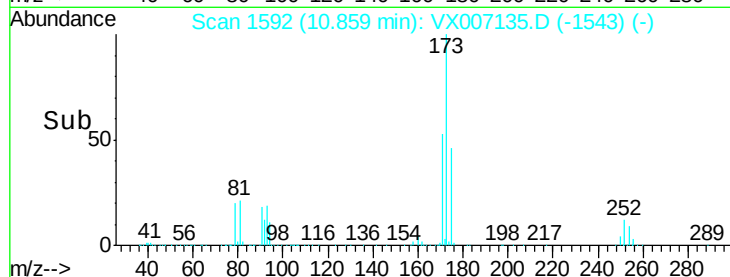
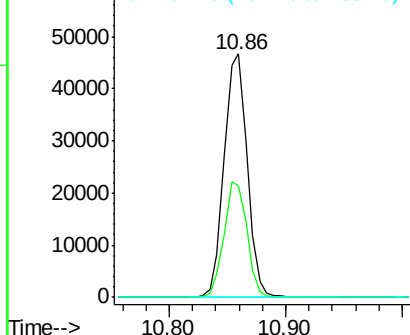
173 100

175 47.1 24.7 74.1

254 0.1 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: VX007135.D

Acq: 18 Jan 2019 15:22

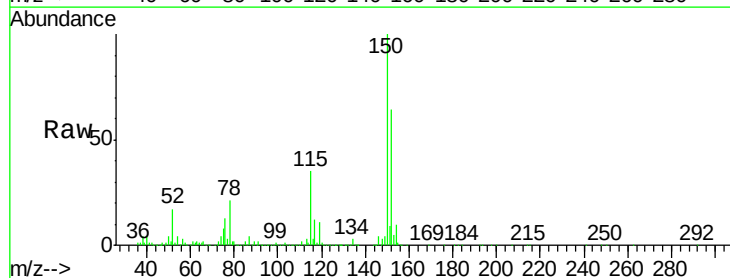
Tgt Ion:152 Resp: 320379

Ion Ratio Lower Upper

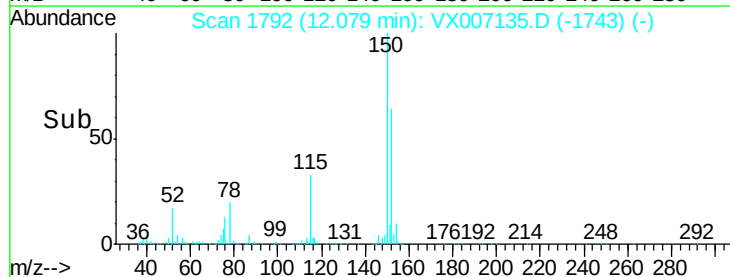
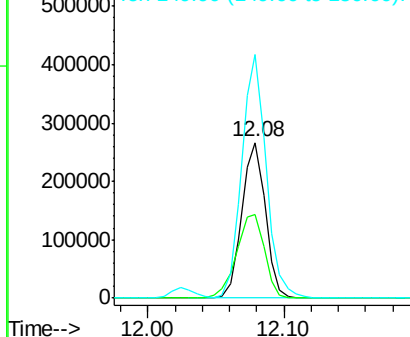
152 100

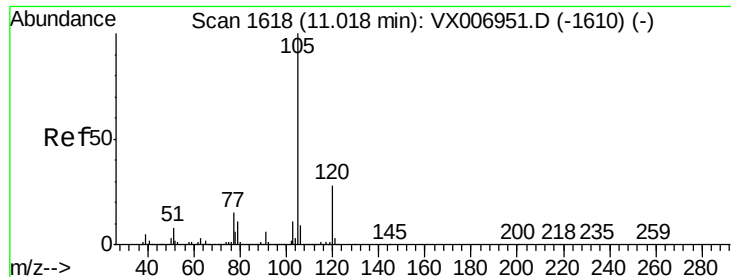
115 64.0 39.1 117.2

150 163.0 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: 19.624 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

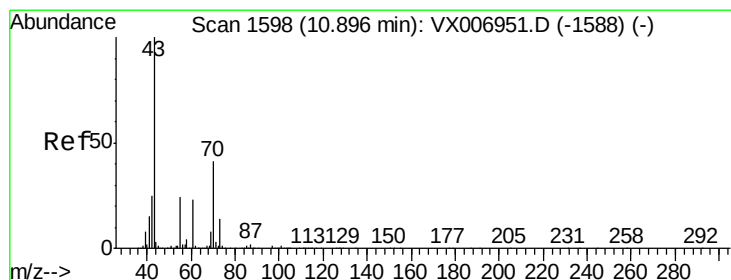
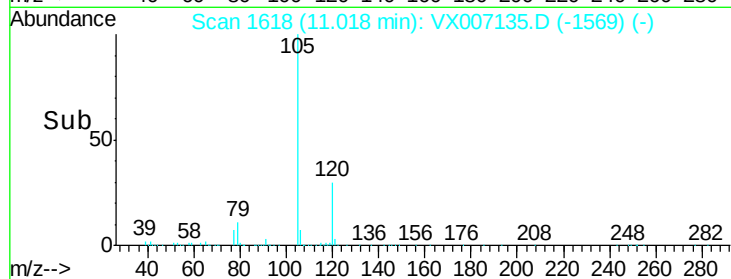
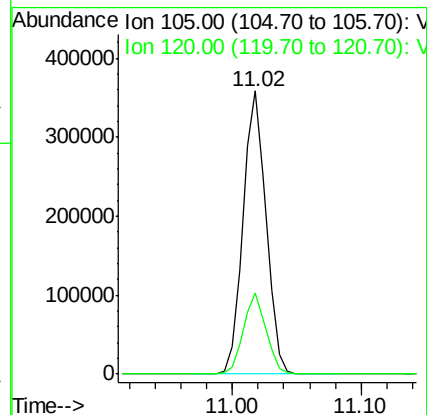
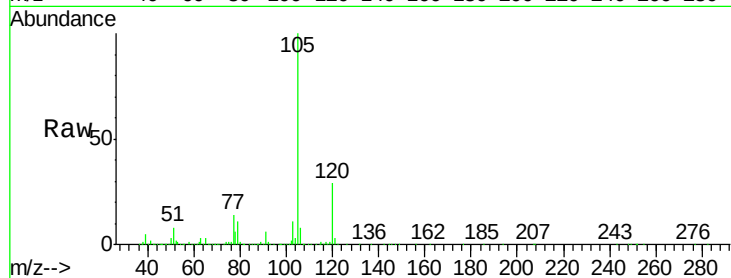
VX0118WBSD01

Tot Ion:105 Resp: 443338

Ion Ratio Lower Upper

105 100

120 28.2 14.1 42.4



#74

N-ethyl acetate

Concen: 19.199 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Tgt Ion: 43 Resp: 174625

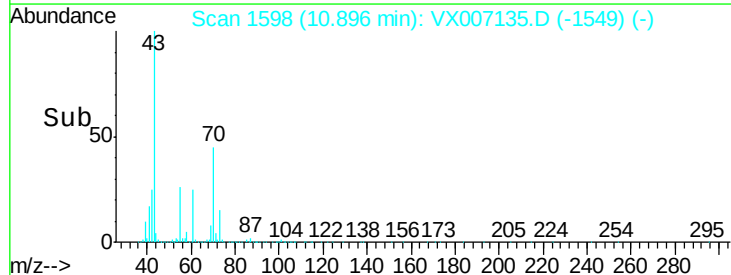
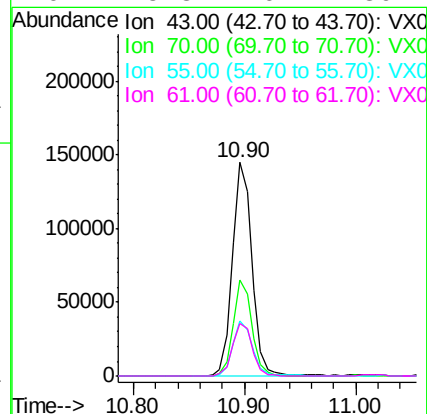
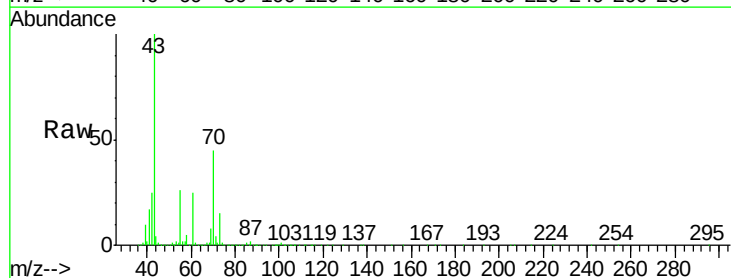
Ion Ratio Lower Upper

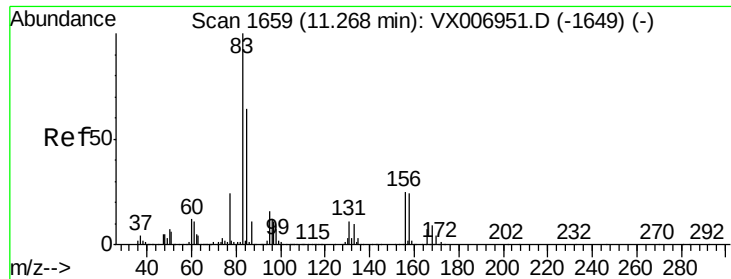
43 100

70 43.5 35.8 53.8

55 26.0 19.4 29.0

61 25.3 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.115 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

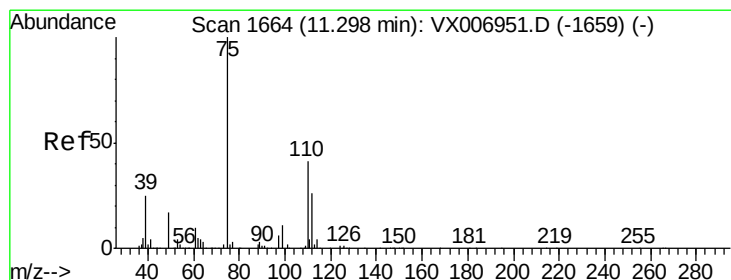
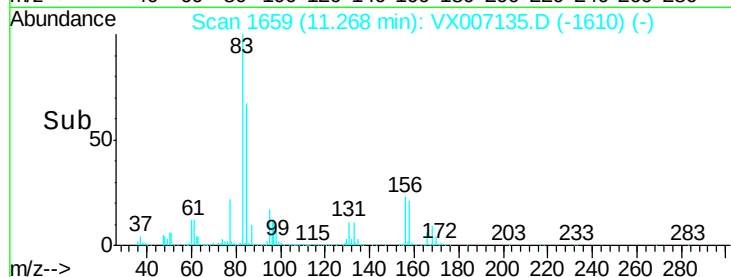
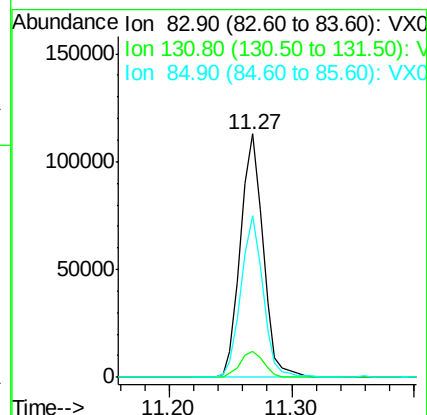
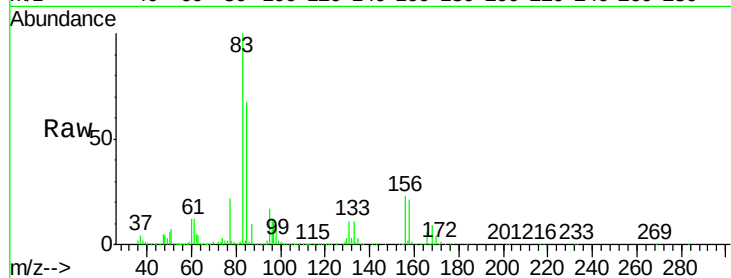
Tot Ion: 83 Resp: 144265

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

85 64.7 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 23.698 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007135.D

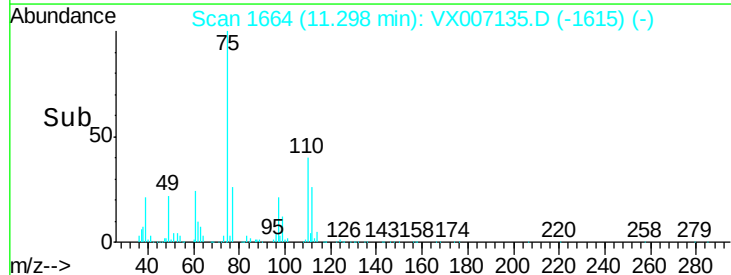
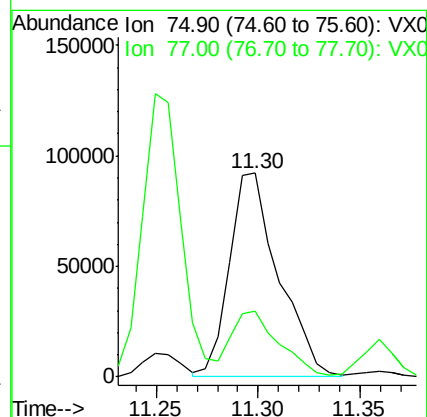
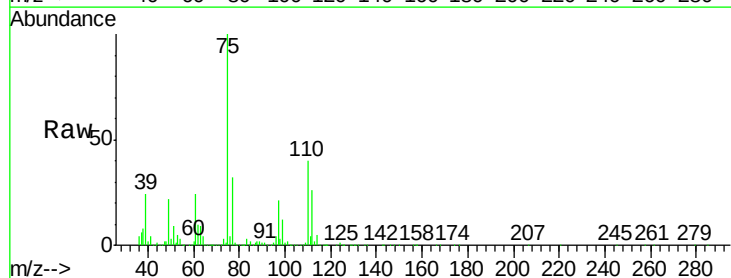
Acq: 18 Jan 2019 15:22

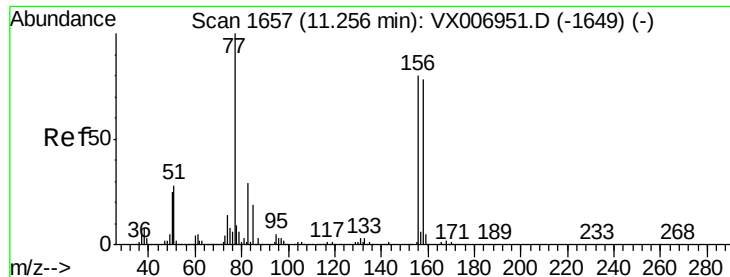
Tgt Ion: 75 Resp: 153855

Ion Ratio Lower Upper

75 100

77 30.8 18.5 55.5





#77

Bromobenzene

Concen: 19.705 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

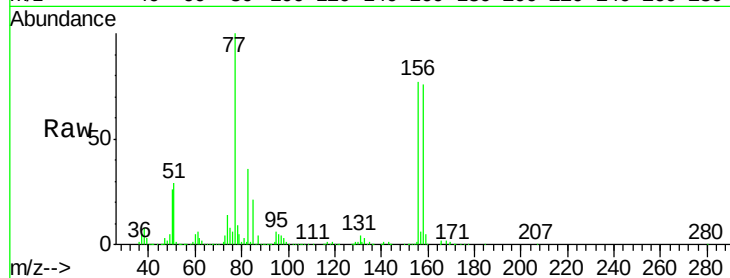
Tot Ion:156 Resp: 122659

Ion Ratio Lower Upper

156 100

77 137.7 68.0 204.0

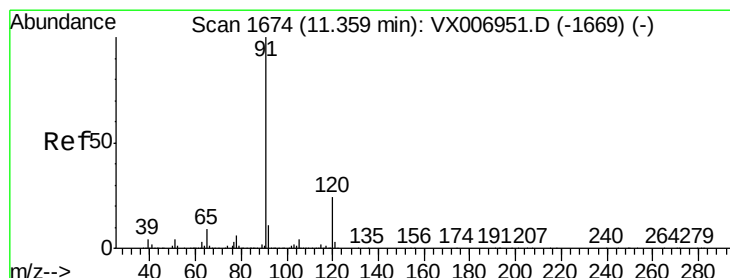
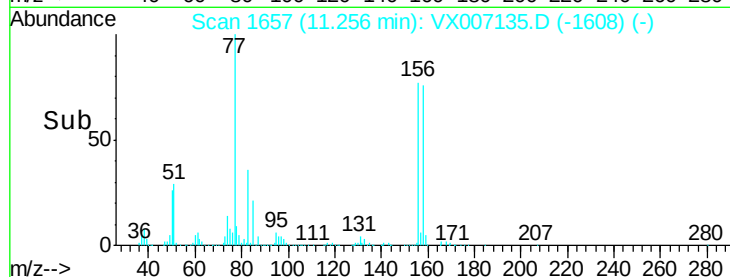
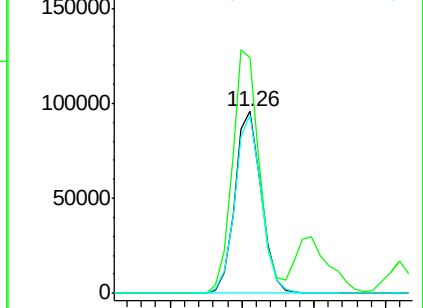
158 97.7 48.3 144.8



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: 19.960 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007135.D

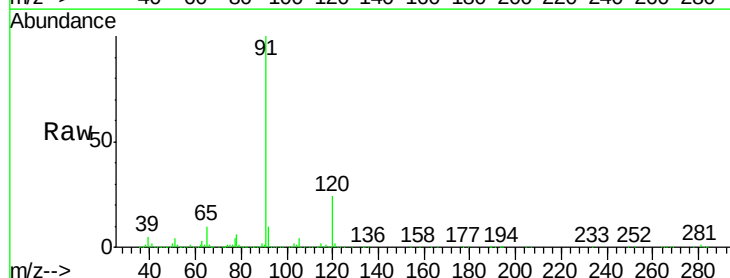
Acq: 18 Jan 2019 15:22

Tgt Ion: 91 Resp: 495011

Ion Ratio Lower Upper

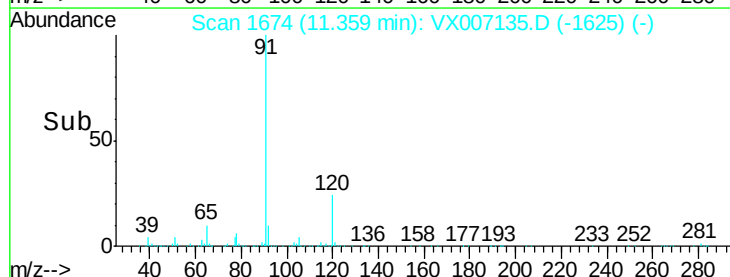
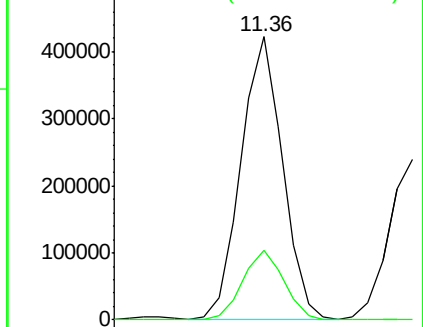
91 100

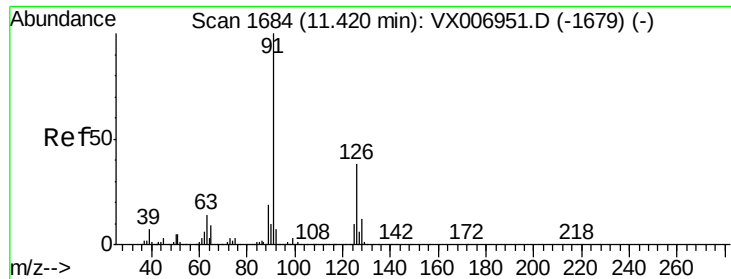
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.647 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

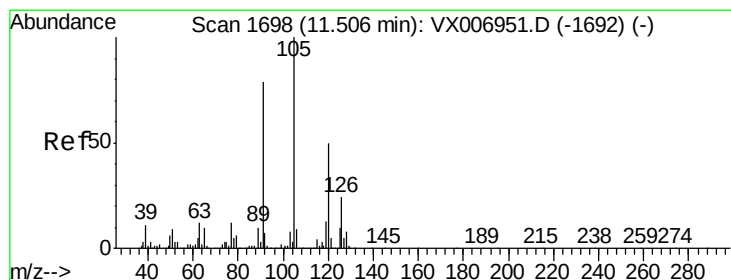
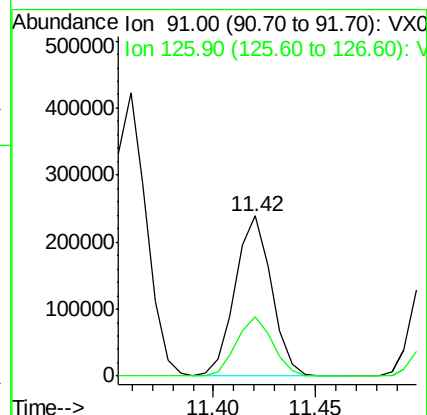
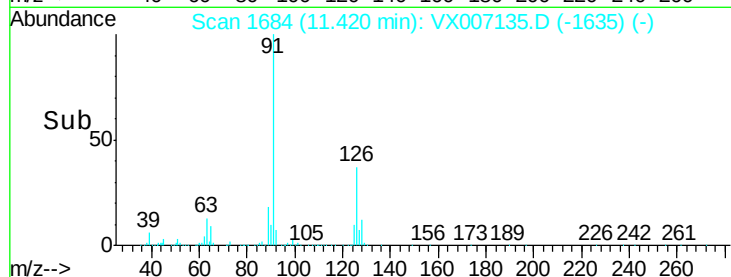
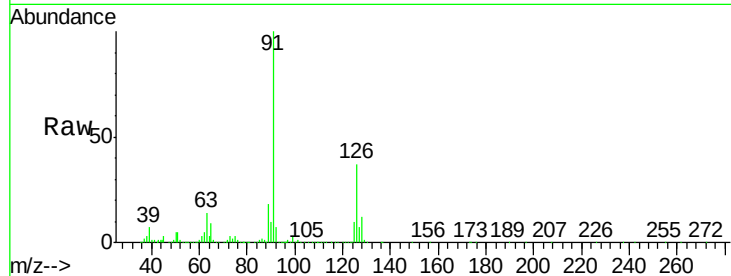
VX0118WBSD01

Tot Ion: 91 Resp: 293309

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.484 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007135.D

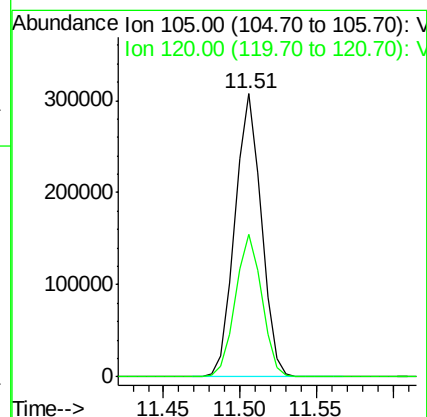
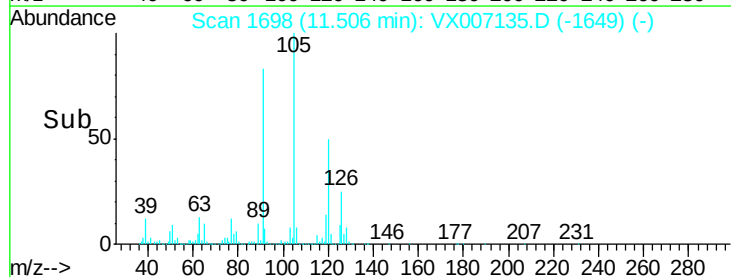
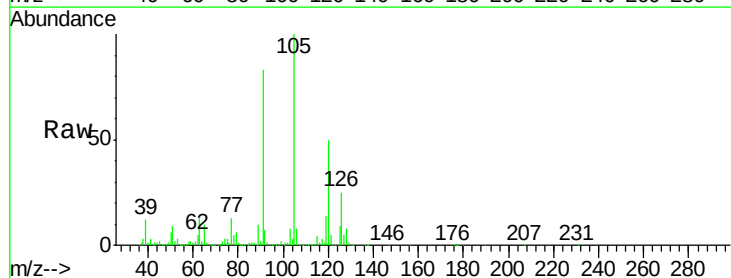
Acq: 18 Jan 2019 15:22

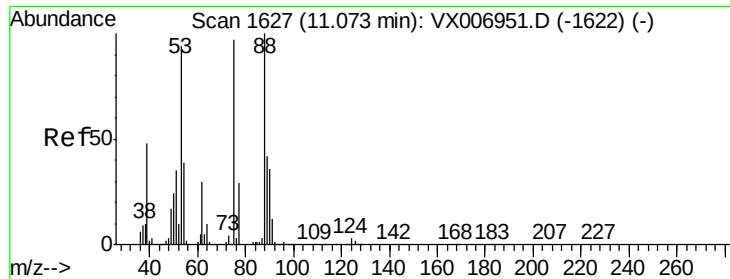
Tgt Ion:105 Resp: 367800

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 16.699 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

VX0118WBSD01

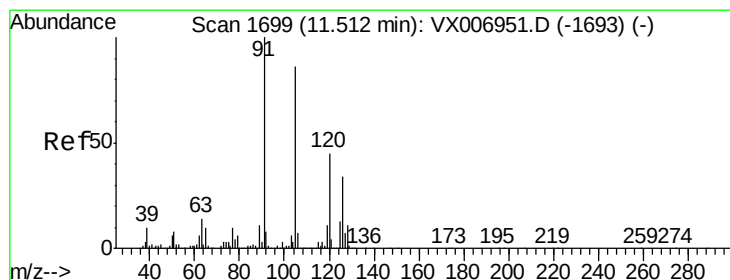
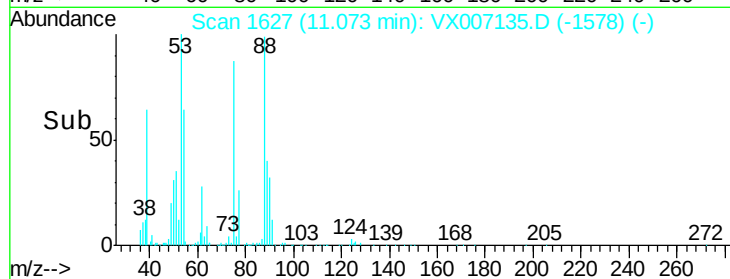
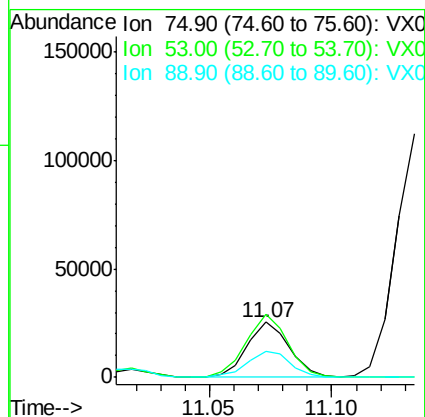
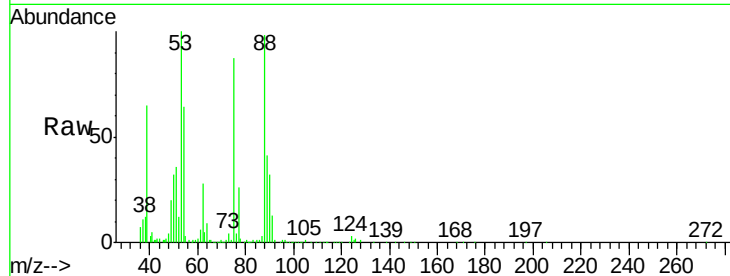
Tot Ion: 75 Resp: 30061

Ion Ratio Lower Upper

75 100

53 115.6 79.7 119.5

89 49.3 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.801 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007135.D

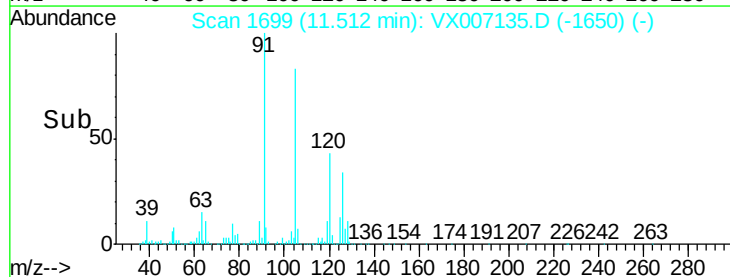
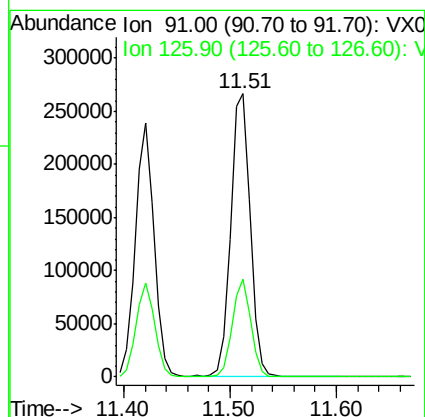
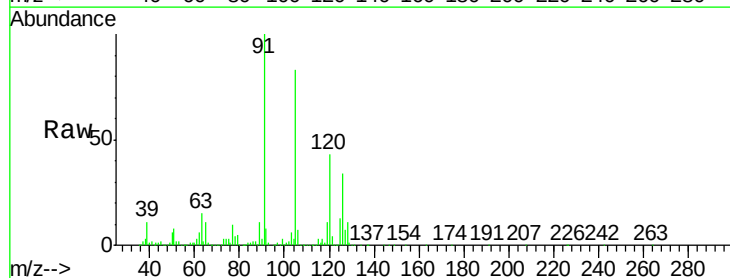
Acq: 18 Jan 2019 15:22

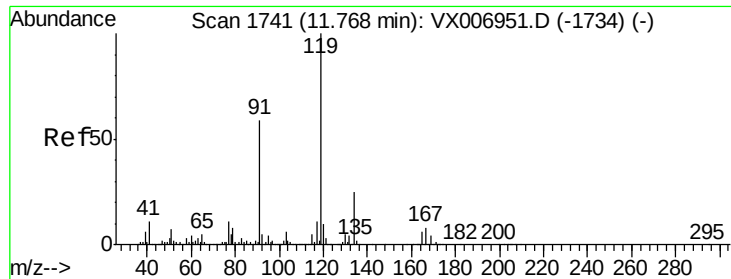
Tgt Ion: 91 Resp: 342255

Ion Ratio Lower Upper

91 100

126 32.8 16.3 48.9

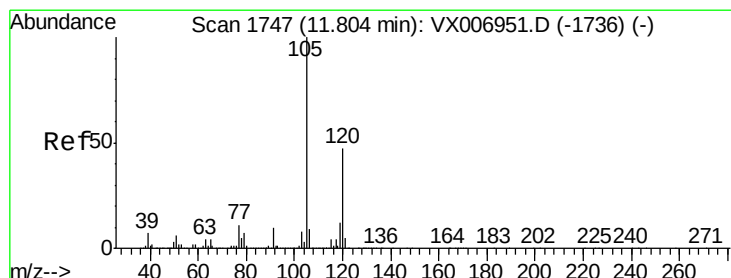
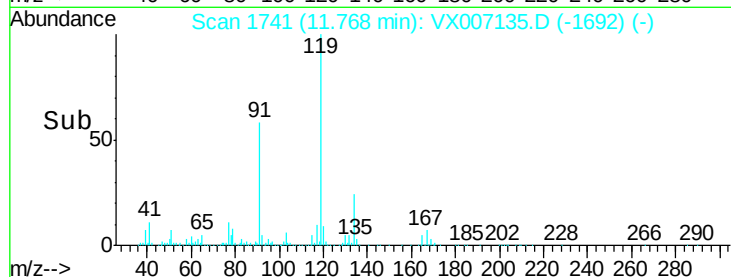
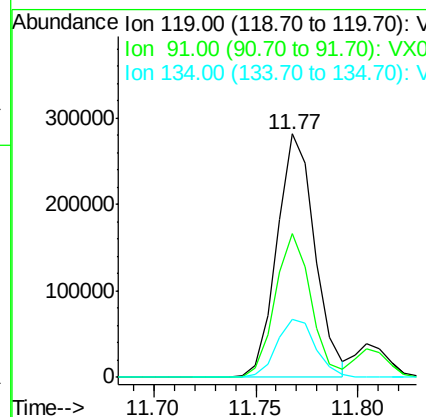
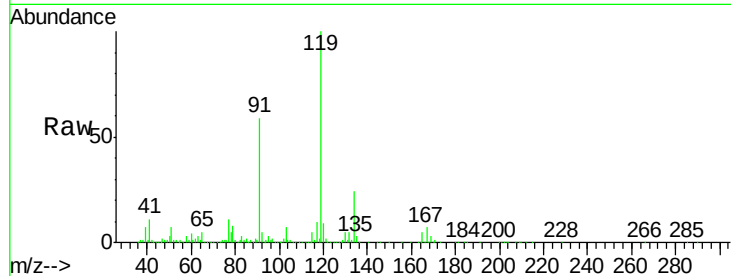




#83
 tert-Butylbenzene
 Concen: 19.399 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

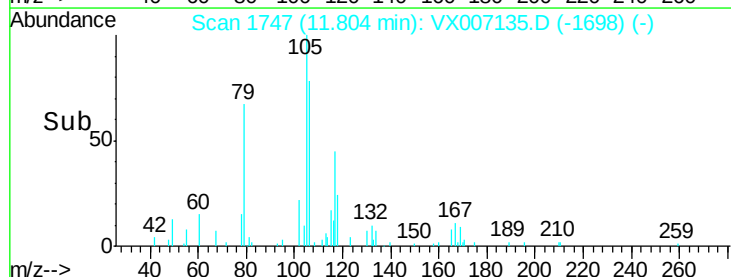
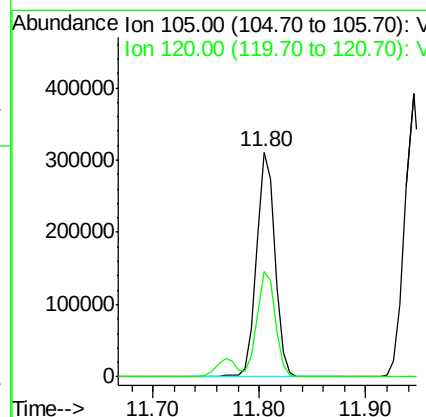
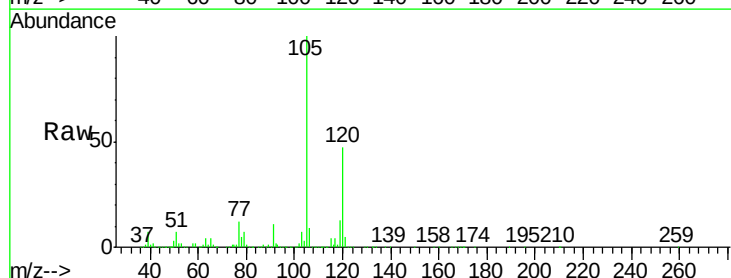
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

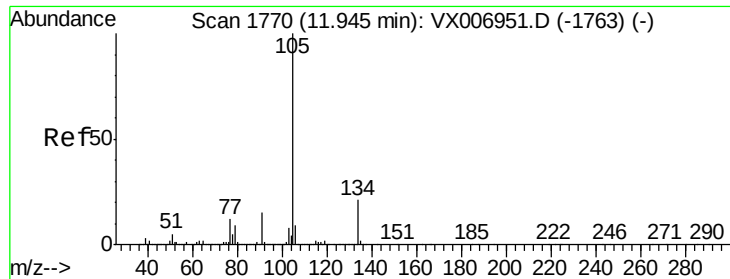
Tot Ion:119 Resp: 365365
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.7 83.1
 134 24.4 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 19.935 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion:105 Resp: 378412
 Ion Ratio Lower Upper
 105 100
 120 46.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.982 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

Instrument :

MSVOA_X

ClientSampleId :

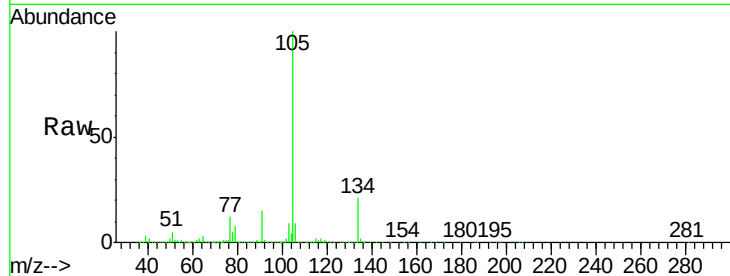
VX0118WBSD01

Tot Ion:105 Resp: 449457

Ion Ratio Lower Upper

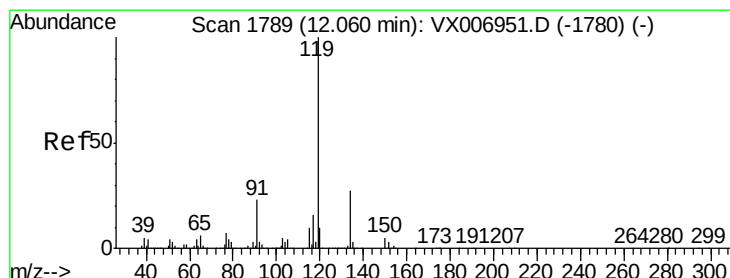
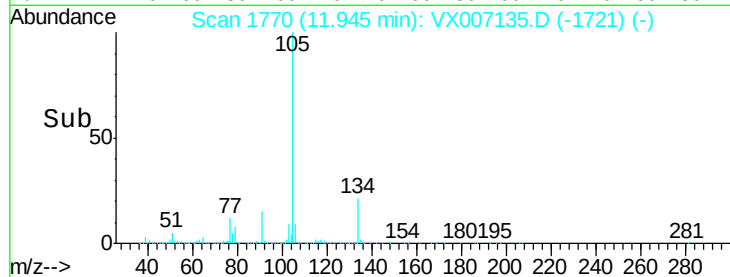
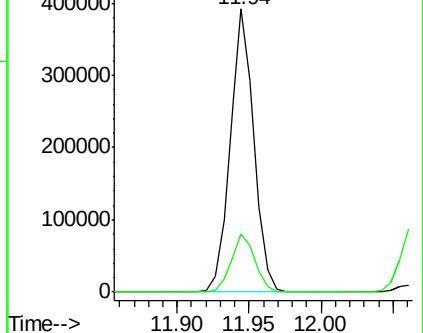
105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.645 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007135.D

Acq: 18 Jan 2019 15:22

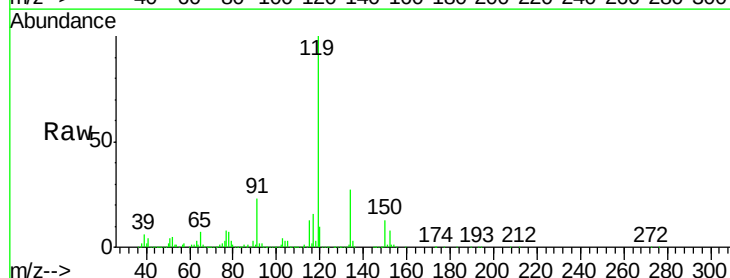
Tgt Ion:119 Resp: 395233

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

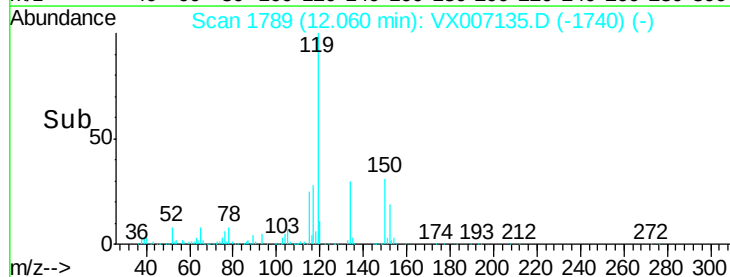
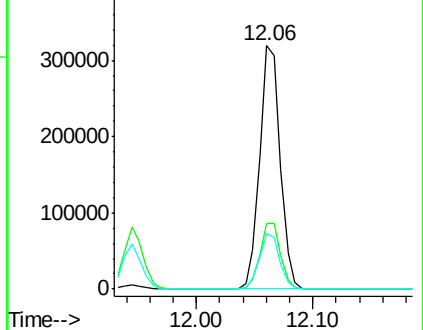
91 22.5 11.3 33.9

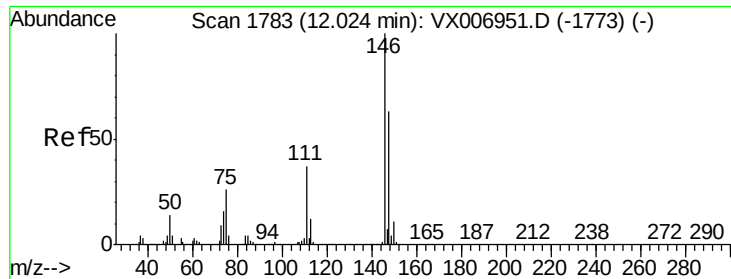


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

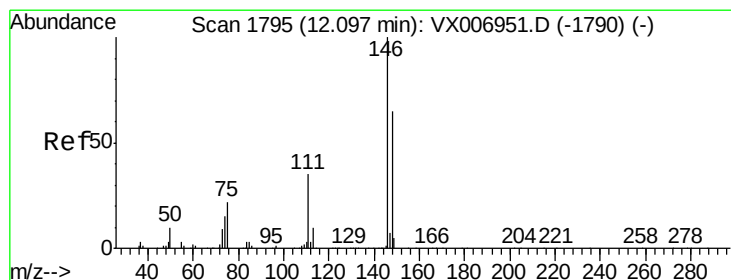
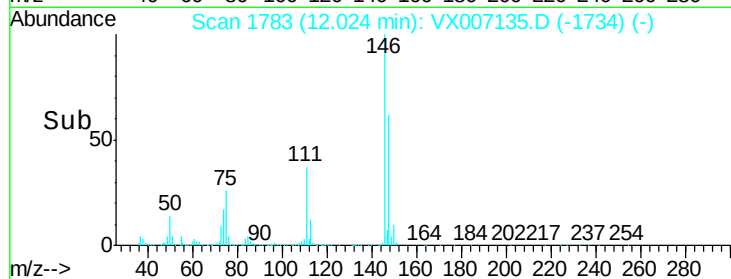
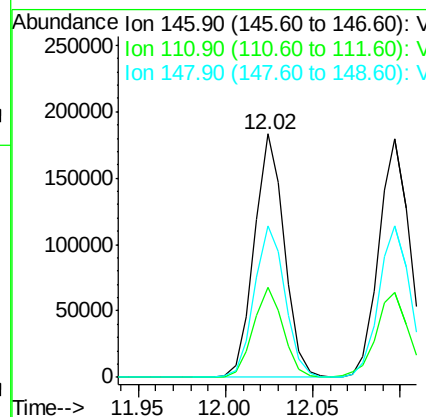
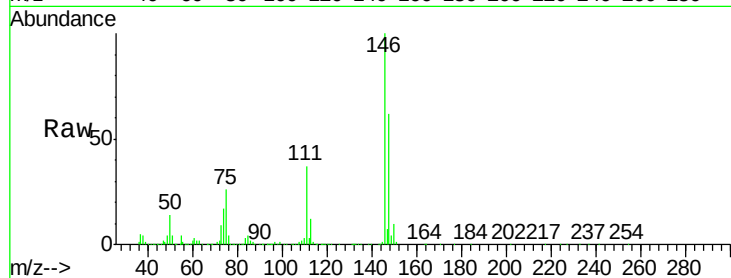




#87
 1,3-Dichlorobenzene
 Concen: 19.523 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

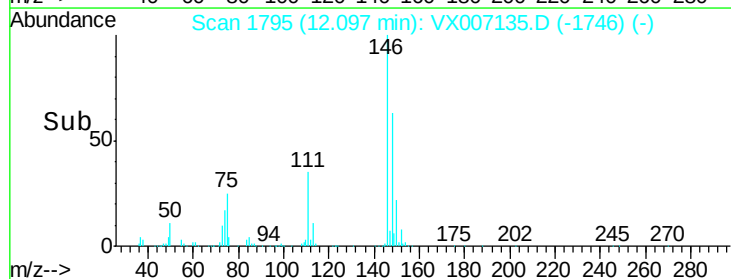
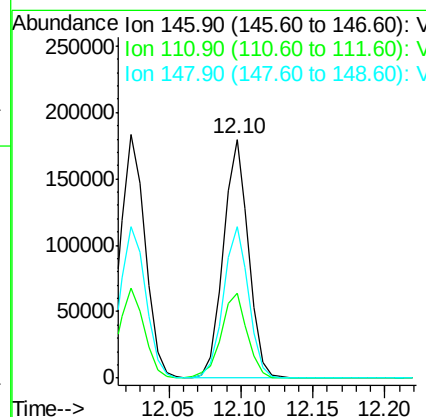
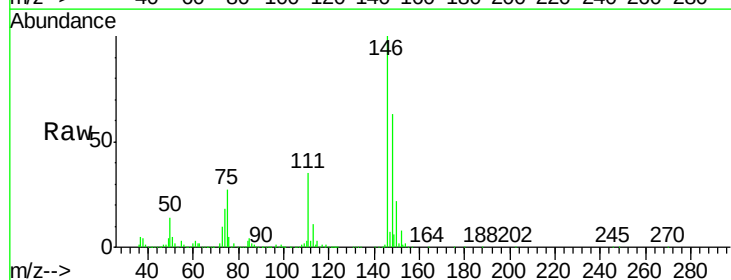
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

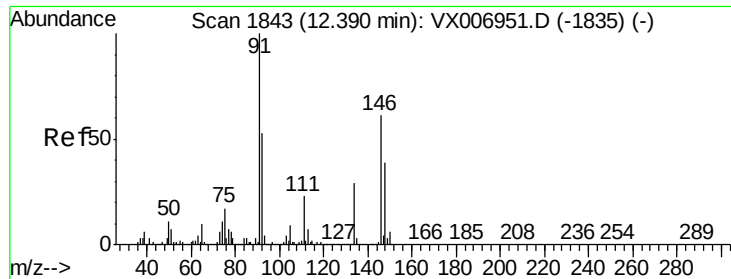
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.6	55.8
148	63.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.677 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.1	54.1
148	63.9	31.9	95.9

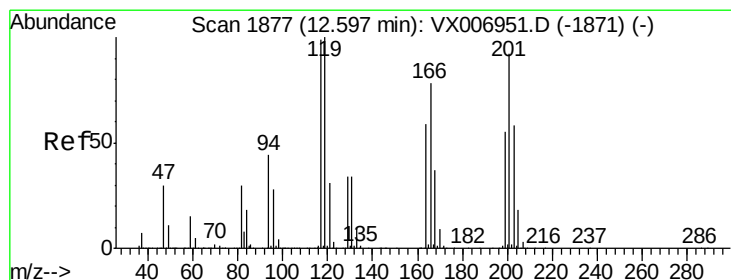
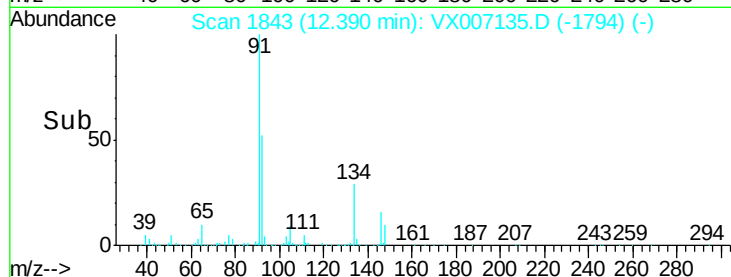
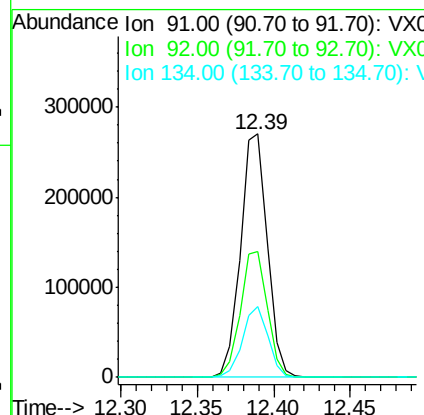
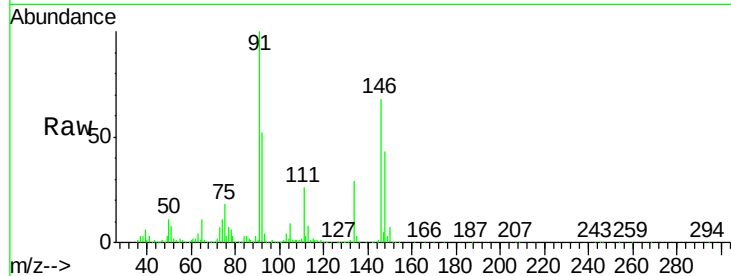




#89
n-Butylbenzene
Concen: 19.131 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

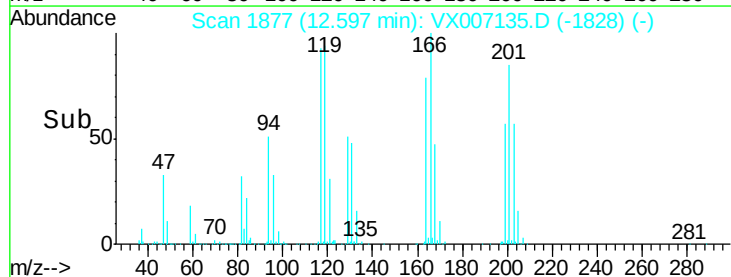
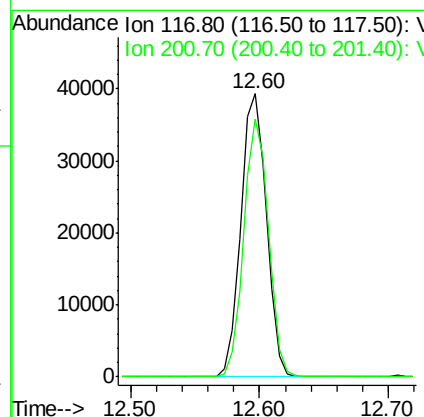
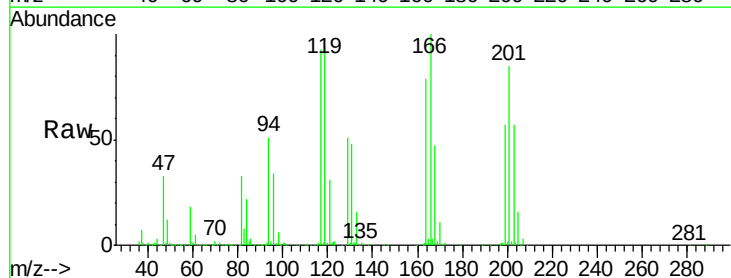
Instrument :
MSVOA_X
ClientSampled :
VX0118WBSD01

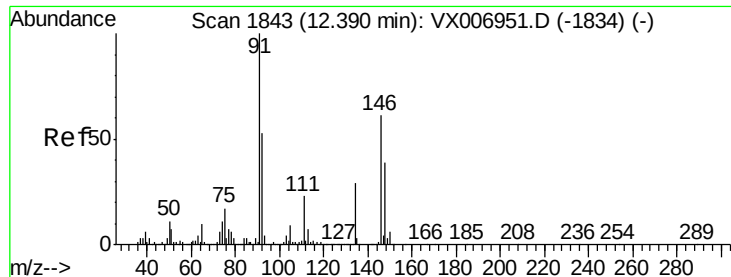
Tot Ion: 91 Resp: 328116
Ion Ratio Lower Upper
91 100
92 52.0 26.8 80.4
134 28.0 14.4 43.2



#90
Hexachloroethane
Concen: 18.814 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion: 117 Resp: 54241
Ion Ratio Lower Upper
117 100
201 87.3 42.9 128.7

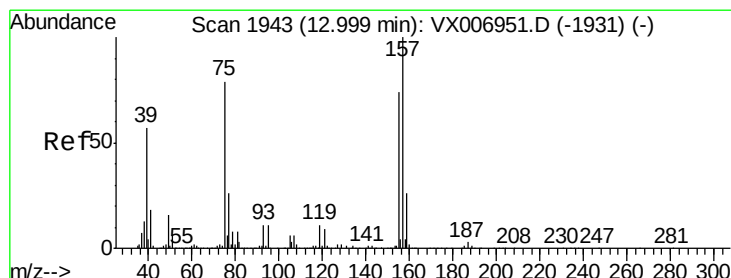
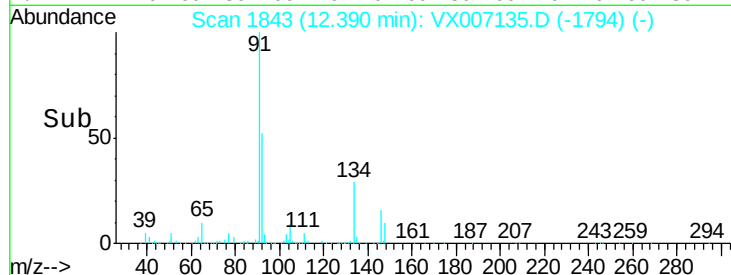
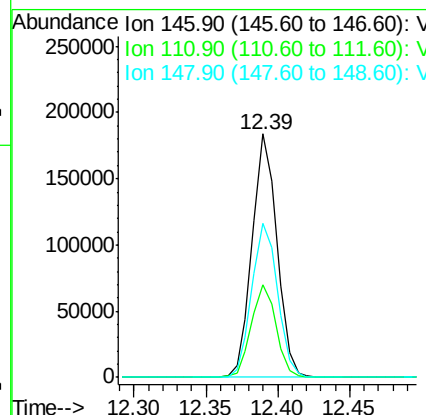
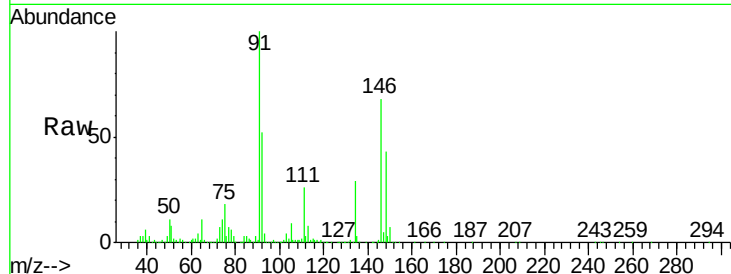




#91
 1,2-Dichlorobenzene
 Concen: 19.724 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

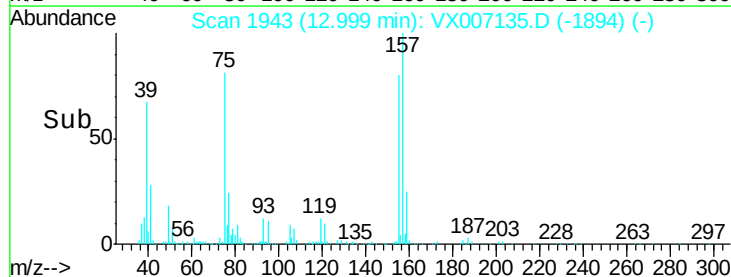
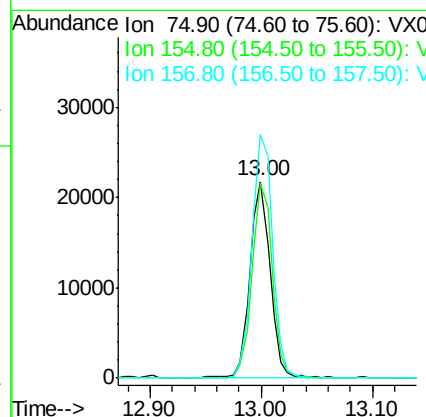
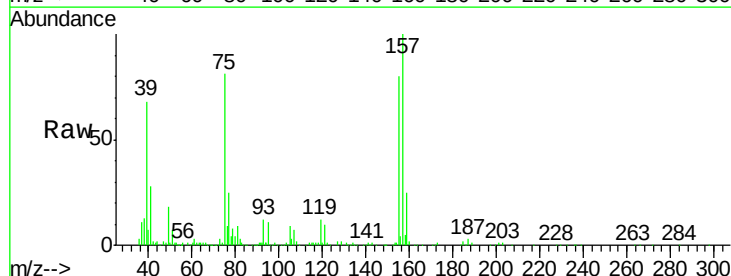
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

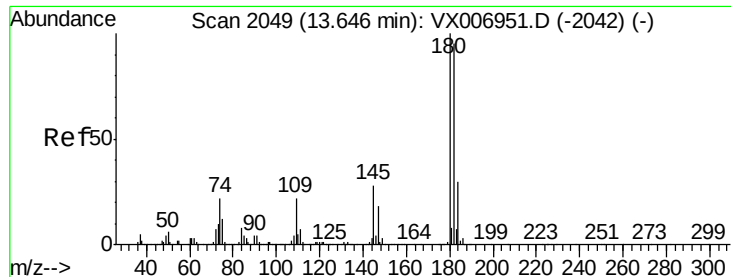
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	65.7	32.3	96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.374 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.4	50.6	151.8
157	126.3	64.6	193.8

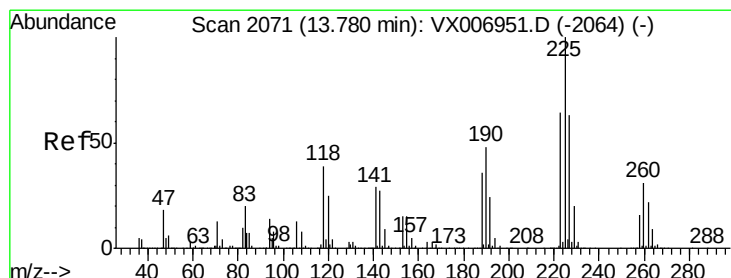
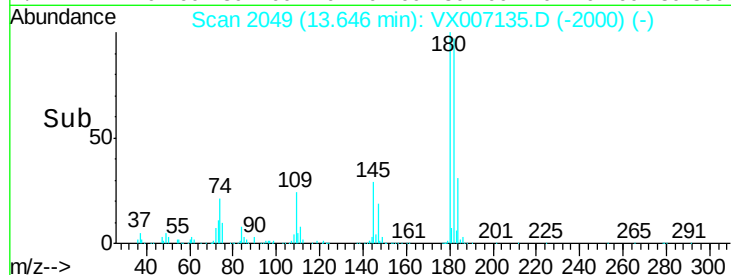
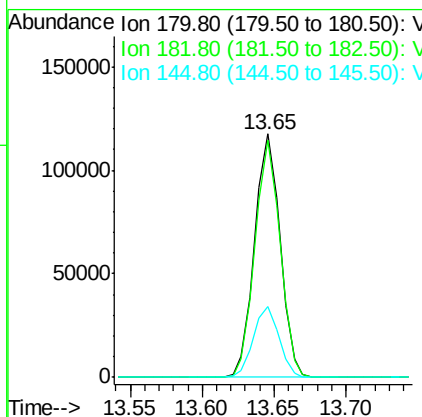
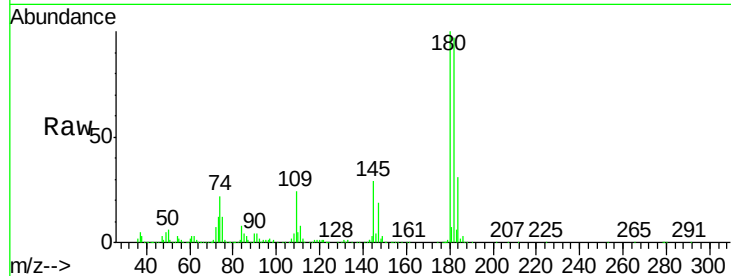




#93
 1,2,4-Trichlorobenzene
 Concen: 18.787 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

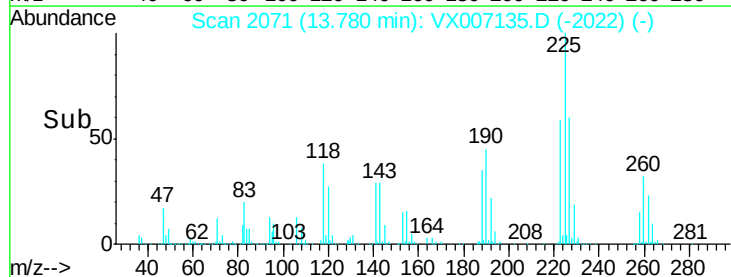
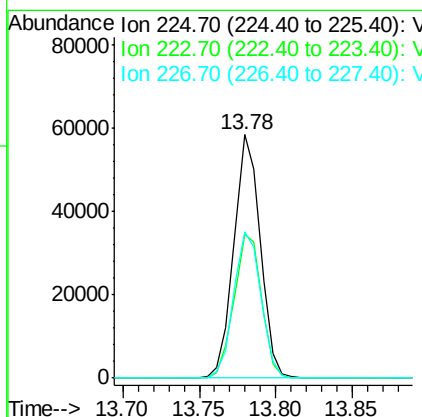
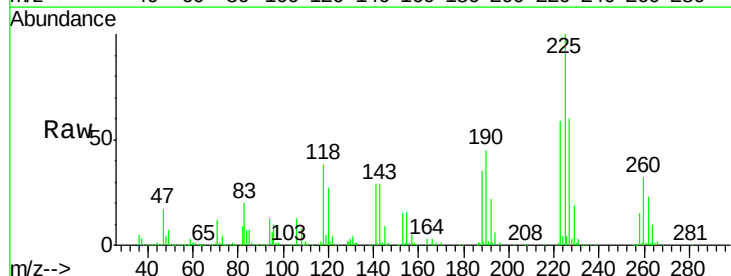
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

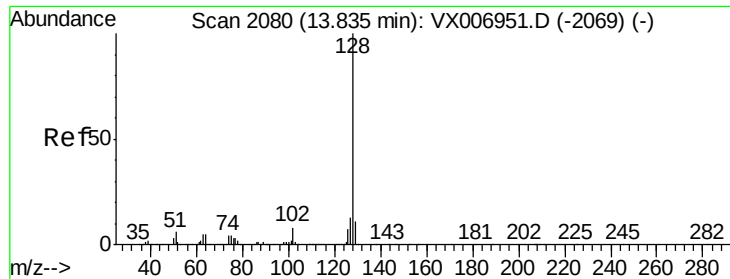
Tot Ion:180 Resp: 143113
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.3 142.0
 145 29.3 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 20.635 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX007135.D
 Acq: 18 Jan 2019 15:22

Tgt Ion:225 Resp: 69755
 Ion Ratio Lower Upper
 225 100
 223 61.6 32.1 96.3
 227 62.2 32.3 96.8

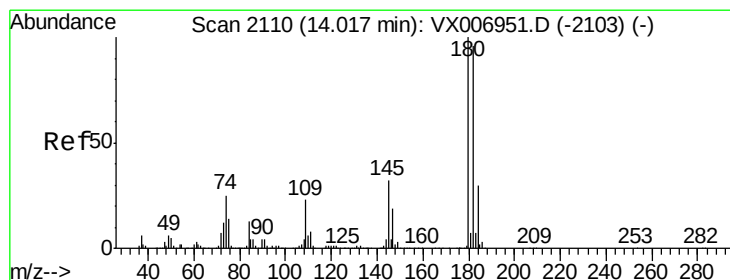
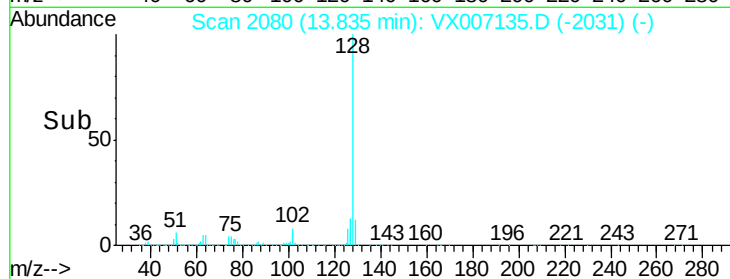
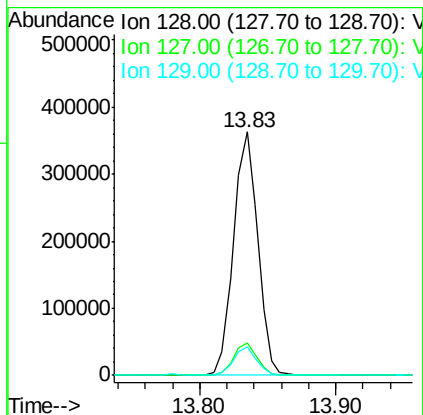
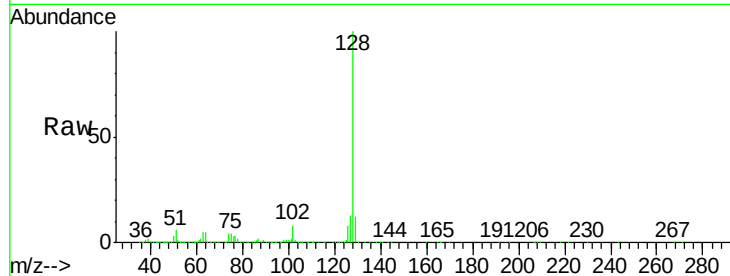




#95
Naphthalene
Concen: 19.427 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Tot Ion:128 Resp: 448442
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.496 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX007135.D
Acq: 18 Jan 2019 15:22

Tgt Ion:180 Resp: 147529
Ion Ratio Lower Upper
180 100
182 95.0 48.5 145.5
145 30.7 16.0 47.9

