

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007198.D
 Acq On : 24 Jan 2019 12:49
 Operator : JC/SP
 Sample : VX0124WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

Quant Time: Jan 25 00:01:23 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	467008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	687324	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	624413	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	315146	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	248649	50.95	ug/l	0.00
Spiked Amount			Recovery	=	101.90%	
35) Dibromofluoromethane	5.50	113	227330	51.65	ug/l	0.00
Spiked Amount			Recovery	=	103.30%	
50) Toluene-d8	8.71	98	805109	49.97	ug/l	0.00
Spiked Amount			Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.13	95	285392	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	70727	18.442	ug/l	99
3) Chloromethane	1.33	50	79616	17.833	ug/l	100
4) Vinyl Chloride	1.41	62	90623	18.870	ug/l	99
5) Bromomethane	1.64	94	91165	17.768	ug/l	94
6) Chloroethane	1.72	64	61273	18.272	ug/l	99
7) Trichlorofluoromethane	1.93	101	148517	19.139	ug/l	98
8) Diethyl Ether	2.19	74	61984	20.078	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90162	19.408	ug/l	99
10) Methyl Iodide	2.51	142	125211	19.981	ug/l	99
11) Tert butyl alcohol	3.07	59	129758	112.705	ug/l	98
12) 1,1-Dichloroethene	2.38	96	81998	19.104	ug/l	99
13) Acrolein	2.29	56	60801	124.023	ug/l	98
14) Allyl chloride	2.73	41	147982	20.117	ug/l	99
15) Acrylonitrile	3.15	53	288291	109.078	ug/l	99
16) Acetone	2.45	43	259350	107.488	ug/l	99
17) Carbon Disulfide	2.57	76	169075	15.300	ug/l	97
18) Methyl Acetate	2.78	43	157241	22.503	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	306946	20.604	ug/l	98
20) Methylene Chloride	2.86	84	96055	20.598	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	88948	18.596	ug/l	97
22) Diisopropyl ether	3.87	45	281521	20.357	ug/l	96
23) Vinyl Acetate	3.82	43	1140314	97.777	ug/l	99
24) 1,1-Dichloroethane	3.70	63	152417	19.711	ug/l	98
25) 2-Butanone	4.70	43	367366	106.409	ug/l	99
26) 2,2-Dichloropropane	4.59	77	109986	18.497	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	101058	19.155	ug/l	98
28) Bromochloromethane	5.02	49	67746	19.996	ug/l	94
29) Tetrahydrofuran	5.15	42	237388	105.805	ug/l	96
30) Chloroform	5.22	83	164016	20.259	ug/l	100
31) Cyclohexane	5.58	56	123284	17.913	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	136104	19.833	ug/l	98
36) 1,1-Dichloropropene	5.80	75	113643	19.017	ug/l	99
37) Ethyl Acetate	4.86	43	133281	20.804	ug/l	99
38) Carbon Tetrachloride	5.78	117	114768	19.089	ug/l	93

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

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 ClientSampleId :
 VX0124WBS01

Quant Time: Jan 25 00:01:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	134634	17.673	ug/l	96
40) Benzene	6.14	78	359712	19.728	ug/l	97
41) Methacrylonitrile	5.07	41	72826	19.733	ug/l	97
42) 1,2-Dichloroethane	6.20	62	124949	19.830	ug/l	99
43) Isopropyl Acetate	6.46	43	206759	20.460	ug/l	98
44) Trichloroethene	7.21	130	106118	19.422	ug/l	97
45) 1,2-Dichloropropane	7.51	63	92826	20.250	ug/l	99
46) Dibromomethane	7.66	93	64930	20.154	ug/l	97
47) Bromodichloromethane	7.90	83	111199	20.278	ug/l	97
48) Methyl methacrylate	7.77	41	105134	20.259	ug/l	98
49) 1,4-Dioxane	7.75	88	51689	431.268	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	717962	110.552	ug/l	98
52) Toluene	8.79	92	228372	19.487	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	119394	19.635	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	131844	19.634	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	100995	21.530	ug/l	97
56) Ethyl methacrylate	9.18	69	139472	20.367	ug/l	94
57) 1,3-Dichloropropane	9.37	76	161302	20.989	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	352242	100.041	ug/l	100
59) 2-Hexanone	9.49	43	541433	109.401	ug/l	99
60) Dibromochloromethane	9.59	129	95601	20.988	ug/l	98
61) 1,2-Dibromoethane	9.67	107	105653	20.459	ug/l	99
64) Tetrachloroethene	9.34	164	107312	19.851	ug/l	96
65) Chlorobenzene	10.14	112	266918	19.599	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	96228	21.004	ug/l	99
67) Ethyl Benzene	10.25	91	427388	19.009	ug/l	99
68) m/p-Xylenes	10.36	106	337982	38.156	ug/l	99
69) o-Xylene	10.70	106	166489	19.272	ug/l	99
70) Styrene	10.71	104	266983	19.514	ug/l	99
71) Bromoform	10.86	173	70261	20.249	ug/l	# 100
73) Isopropylbenzene	11.02	105	441975	19.889	ug/l	99
74) N-amyl acetate	10.90	43	178493	19.950	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	150567	21.342	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	160017	25.056	ug/l	90
77) Bromobenzene	11.26	156	122055	19.934	ug/l	99
78) n-propylbenzene	11.36	91	484331	19.854	ug/l	99
79) 2-Chlorotoluene	11.42	91	293322	19.974	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	358668	19.316	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	35817	19.427	ug/l	92
82) 4-Chlorotoluene	11.51	91	331500	19.497	ug/l	100
83) tert-Butylbenzene	11.77	119	366966	19.808	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	372995	19.976	ug/l	100
85) sec-Butylbenzene	11.94	105	440935	19.929	ug/l	100
86) p-Isopropyltoluene	12.07	119	389294	19.671	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	215786	19.498	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	214600	20.551	ug/l	100
89) n-Butylbenzene	12.39	91	319286	18.926	ug/l	98
90) Hexachloroethane	12.60	117	57806	20.140	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	215820	19.760	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29019	20.798	ug/l	98

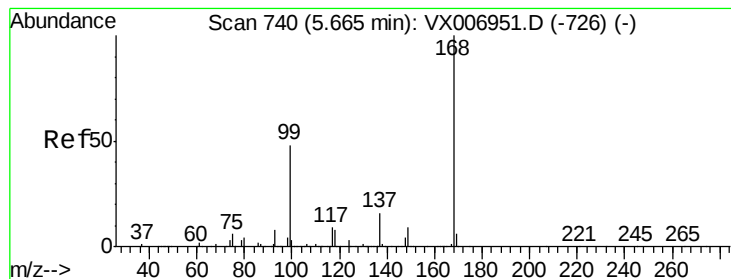
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
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MSVOA_X
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Quant Time: Jan 25 00:01:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : 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	142195	18.977	ug/l	99
94) Hexachlorobutadiene	13.79	225	67441	20.282	ug/l	99
95) Naphthalene	13.83	128	452374	19.923	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	147295	19.788	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: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

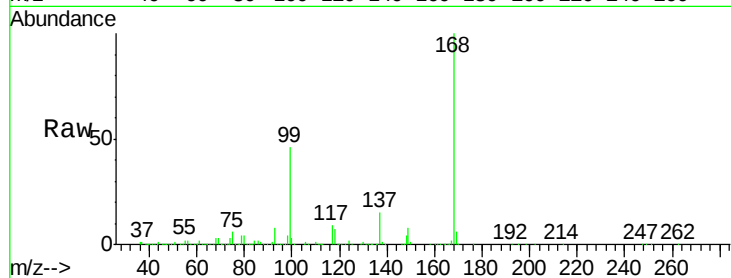
VX0124WBS01

Tot Ion:168 Resp: 467008

Ion Ratio Lower Upper

168 100

99 45.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

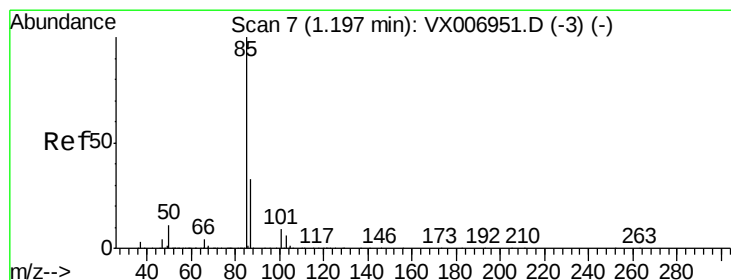
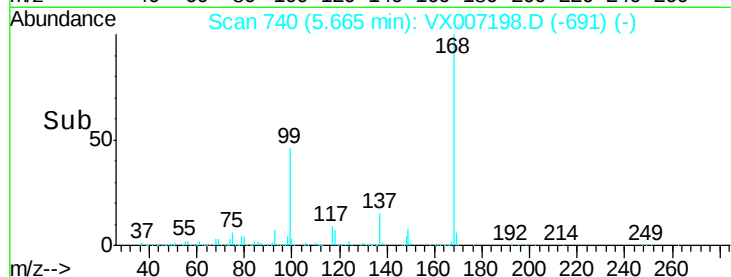
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.442 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007198.D

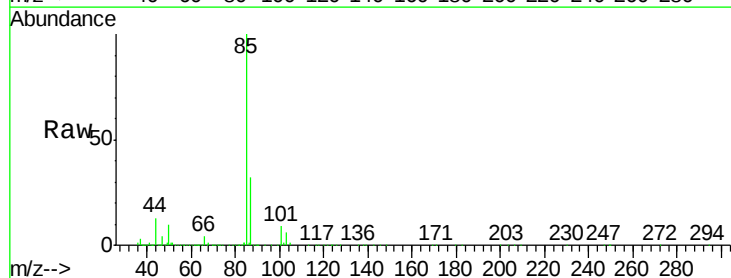
Acq: 24 Jan 2019 12:49

Tgt Ion: 85 Resp: 70727

Ion Ratio Lower Upper

85 100

87 32.3 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

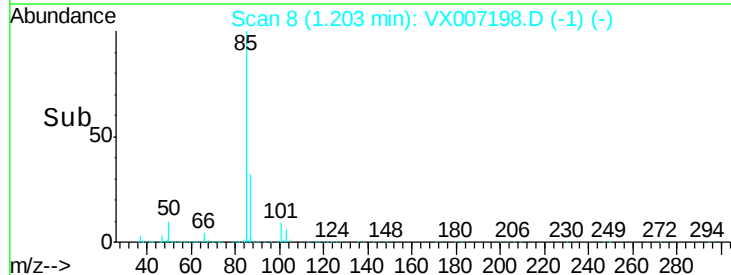
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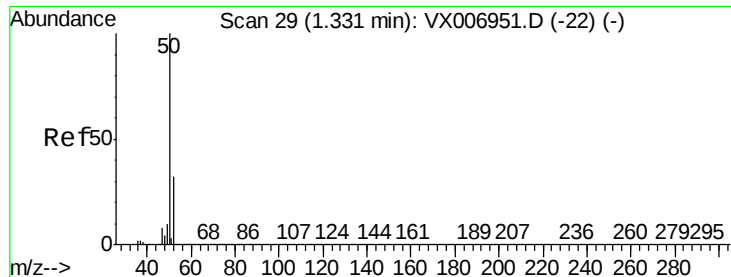
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Time-->

1.15 1.20 1.25 1.30

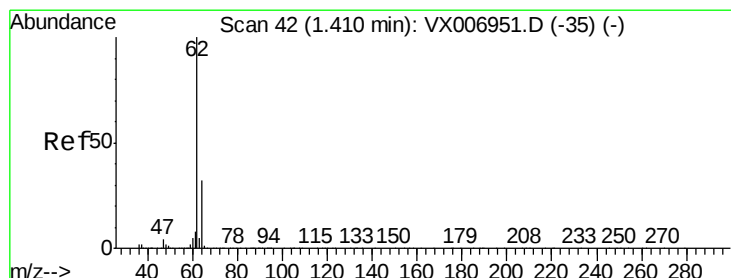
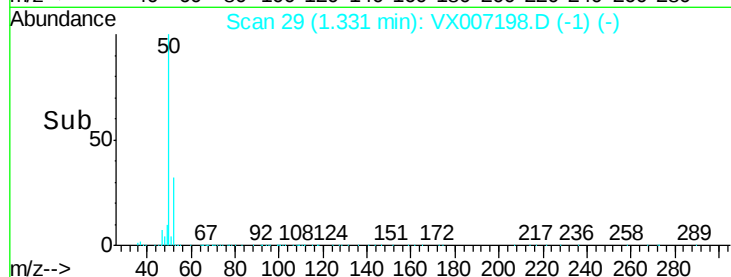
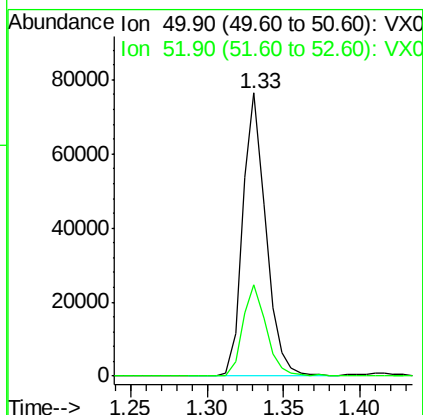
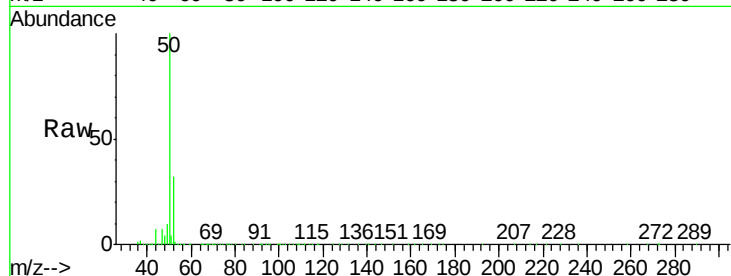




#3
Chloromethane
Concen: 17.833 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

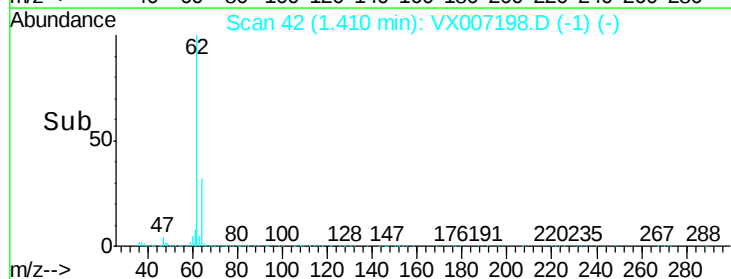
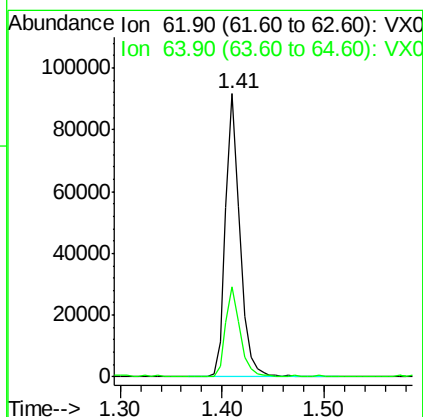
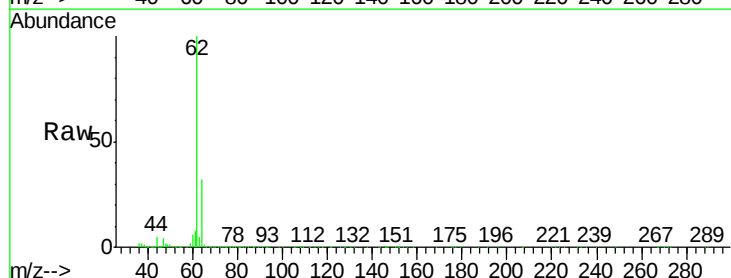
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

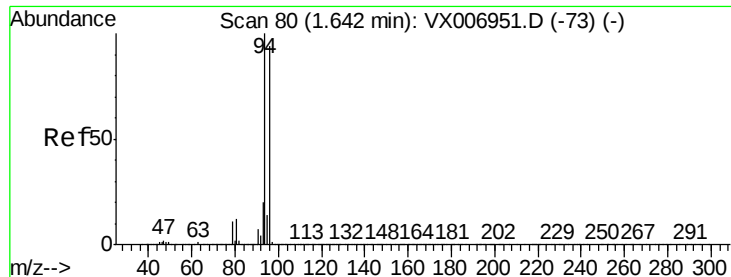
Tot Ion: 50 Resp: 79616
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2



#4
Vinyl Chloride
Concen: 18.870 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 62 Resp: 90623
Ion Ratio Lower Upper
62 100
64 31.9 25.1 37.7





#5

Bromomethane

Concen: 17.768 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

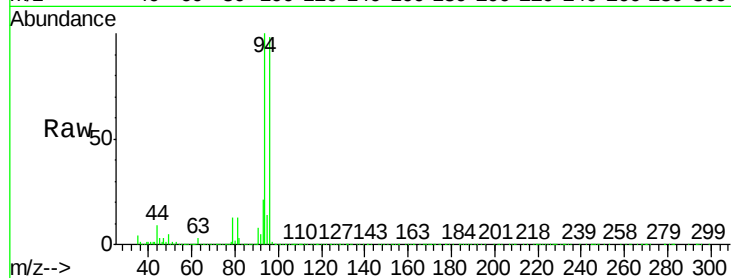
VX0124WBS01

Tot Ion: 94 Resp: 91165

Ion Ratio Lower Upper

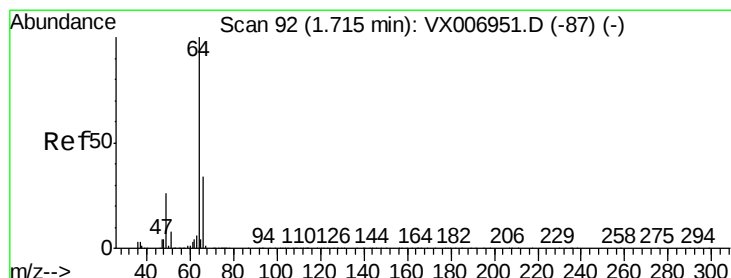
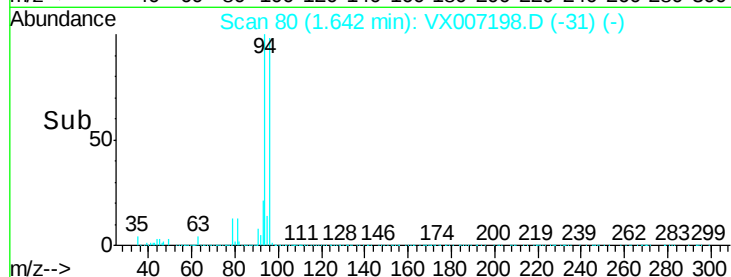
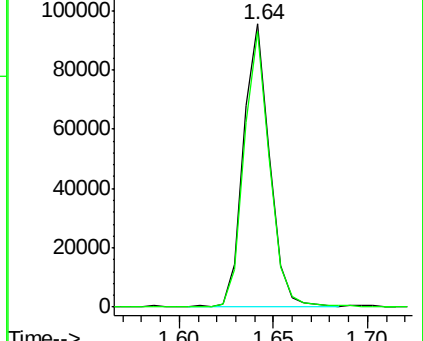
94 100

96 97.4 73.4 110.2



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.272 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX007198.D

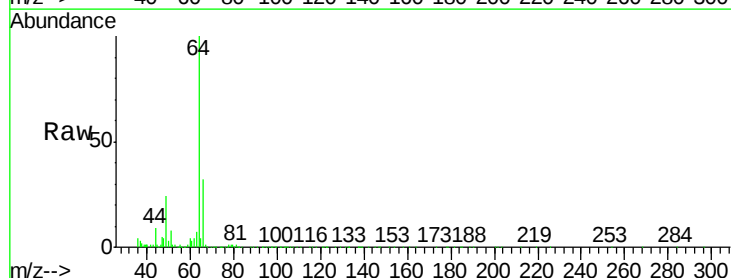
Acq: 24 Jan 2019 12:49

Tgt Ion: 64 Resp: 61273

Ion Ratio Lower Upper

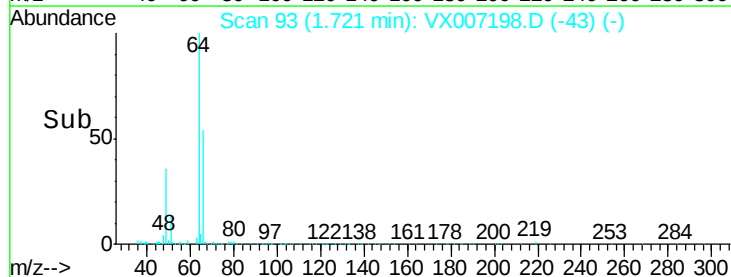
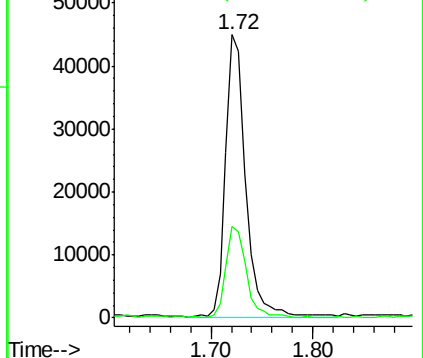
64 100

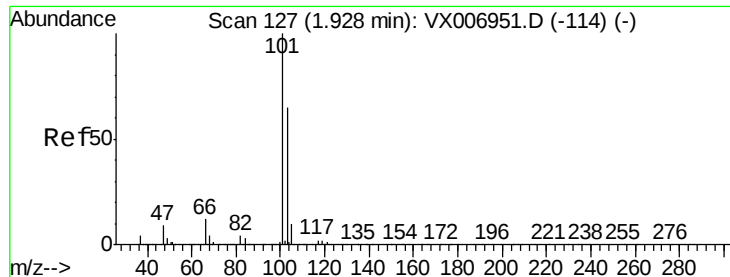
66 32.2 26.4 39.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



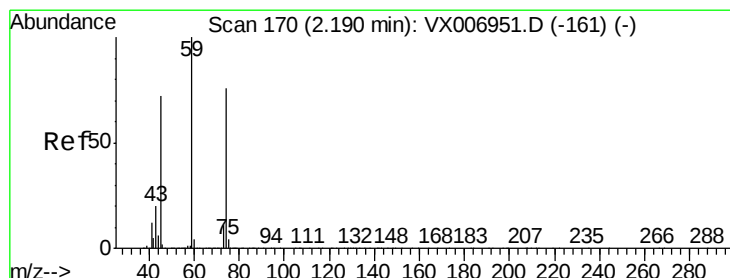
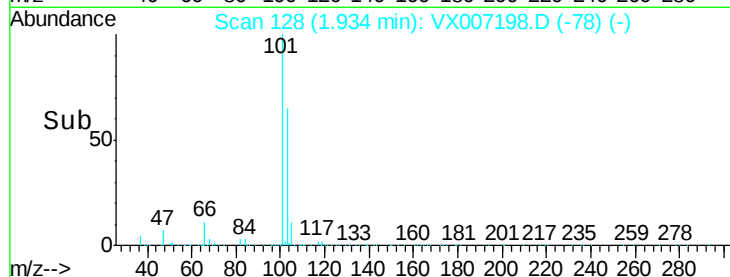
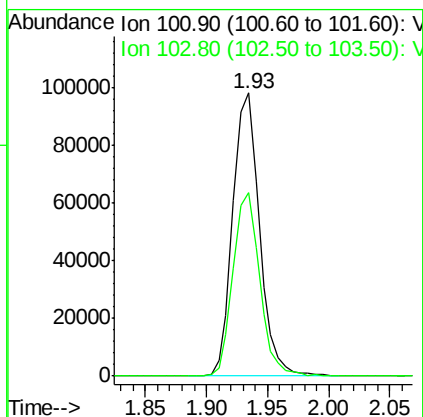
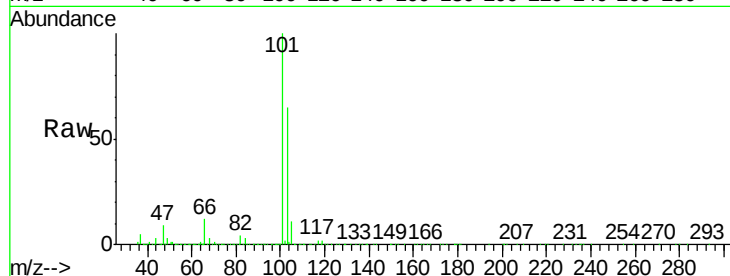


#7

Trichlorofluoromethane
 Concen: 19.139 ug/l
 RT: 1.93 min Scan# 128
 Delta R.T. 0.01 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

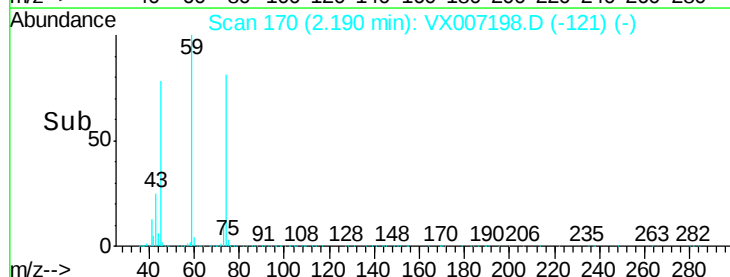
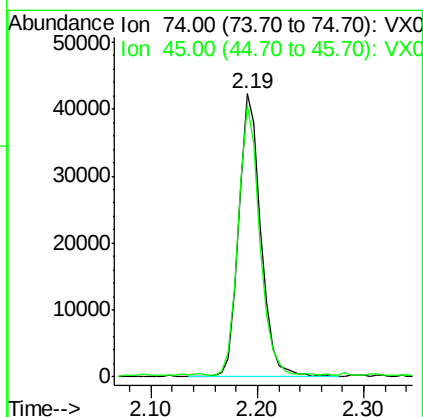
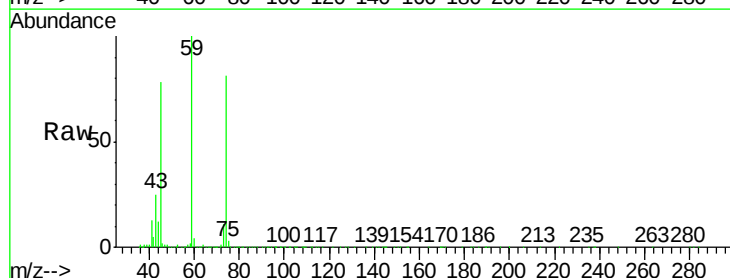
Tot Ion:101 Resp: 148517
 Ion Ratio Lower Upper
 101 100
 103 65.0 53.2 79.8

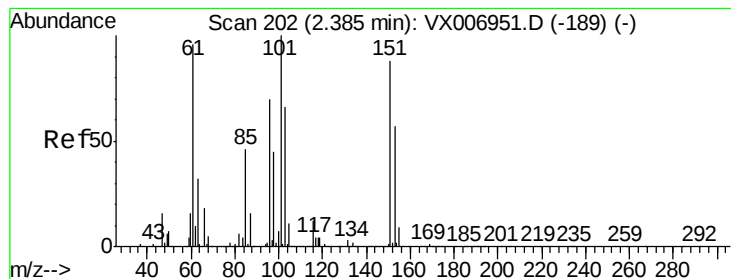


#8

Diethyl Ether
 Concen: 20.078 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion: 74 Resp: 61984
 Ion Ratio Lower Upper
 74 100
 45 93.7 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.408 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

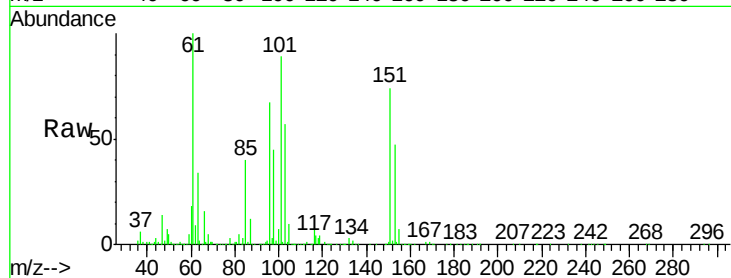
Tot Ion:101 Resp: 90162

Ion Ratio Lower Upper

101 100

85 44.5 35.1 52.7

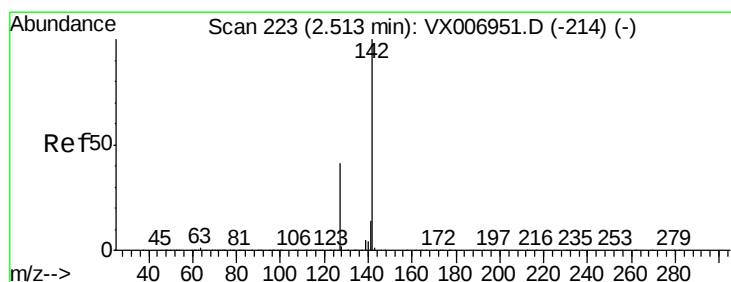
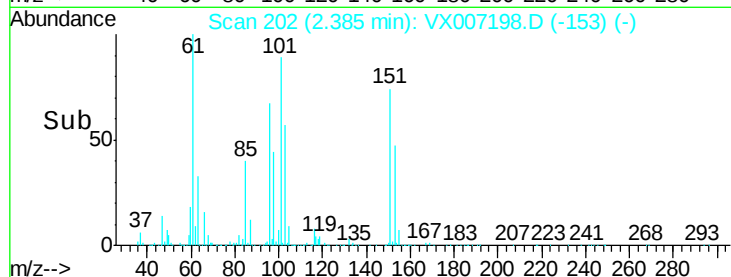
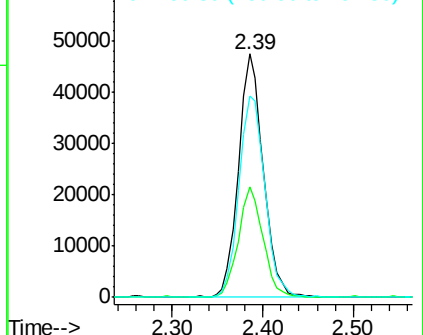
151 86.8 68.9 103.3



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: 19.981 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

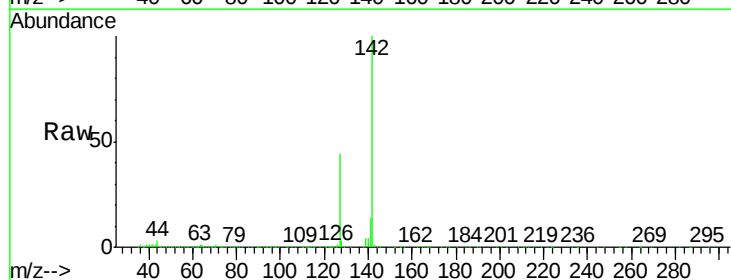
Tgt Ion:142 Resp: 125211

Ion Ratio Lower Upper

142 100

127 42.8 33.9 50.9

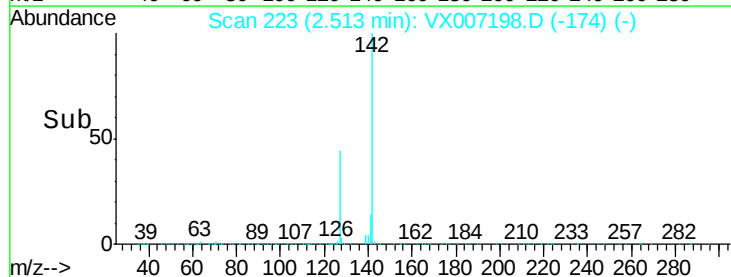
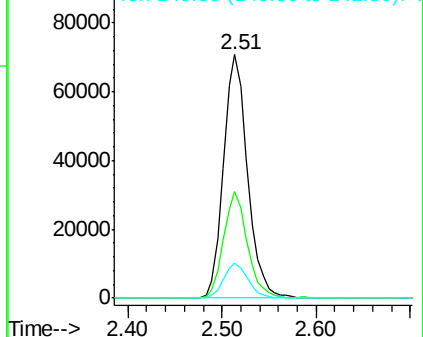
141 14.5 11.4 17.0

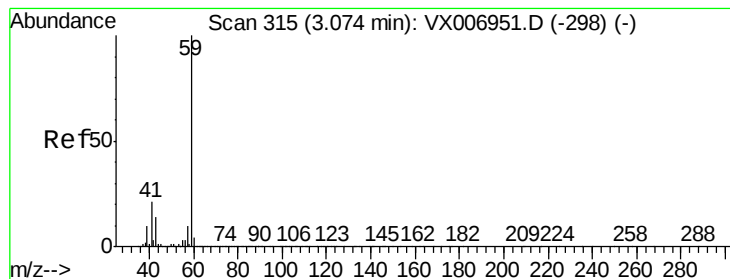


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



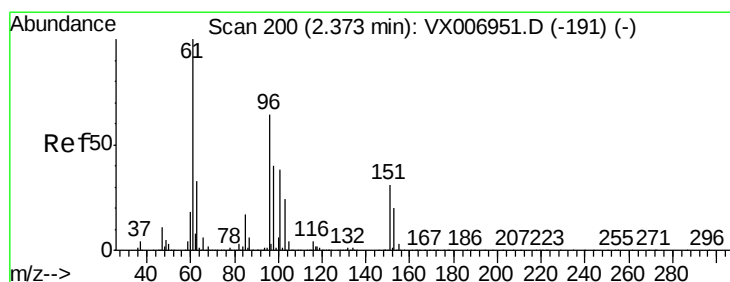
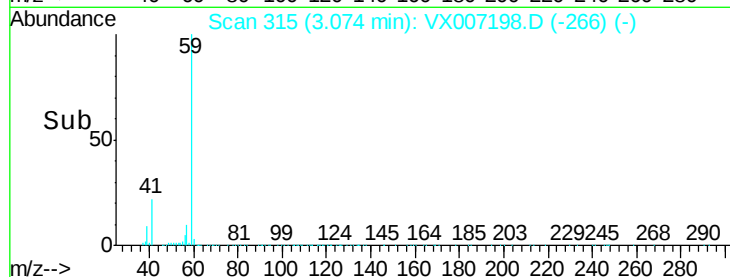
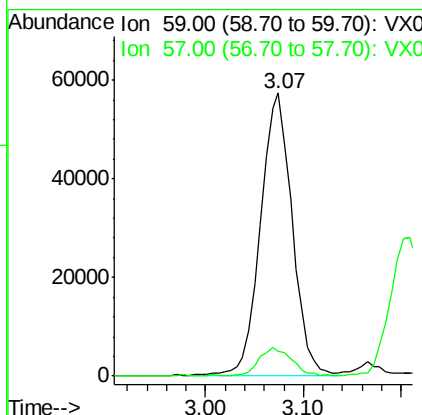
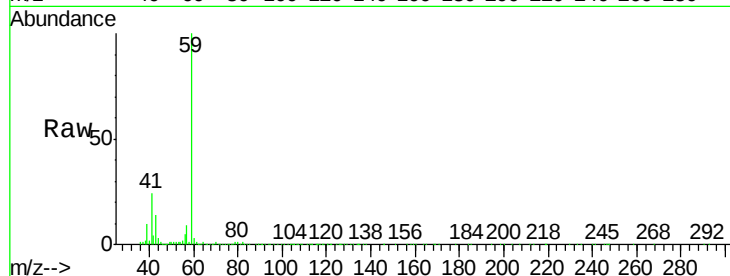


#11

Tert butyl alcohol
 Concen: 112.705 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

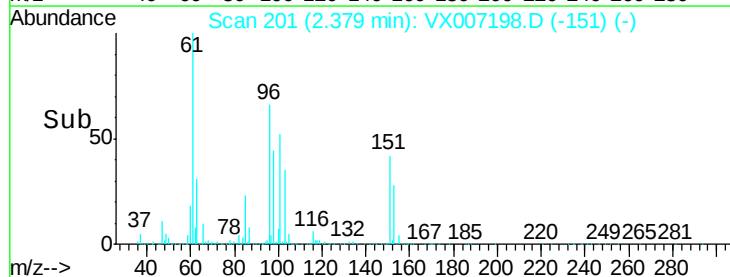
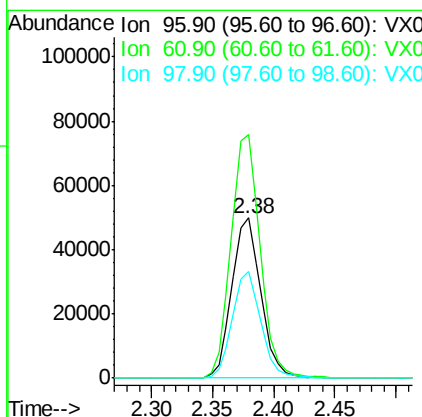
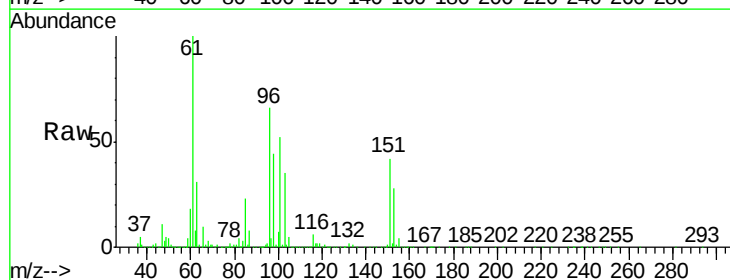
Tot Ion: 59 Resp: 129758
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.5 12.7

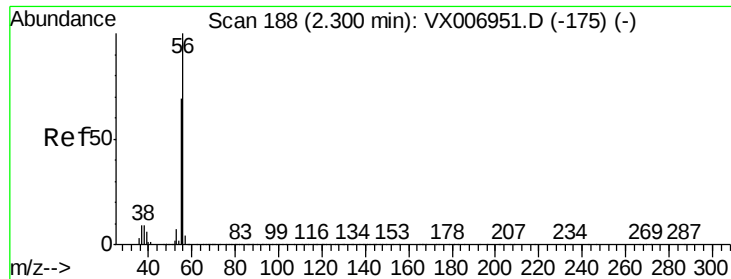


#12

1,1-Dichloroethene
 Concen: 19.104 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. 0.01 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion: 96 Resp: 81998
 Ion Ratio Lower Upper
 96 100
 61 151.7 121.4 182.2
 98 66.1 51.9 77.9





#13

Acrolein

Concen: 124.023 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

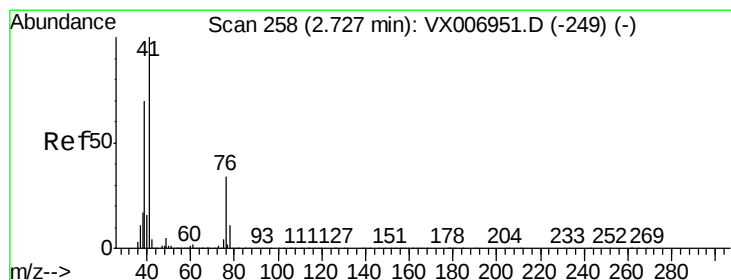
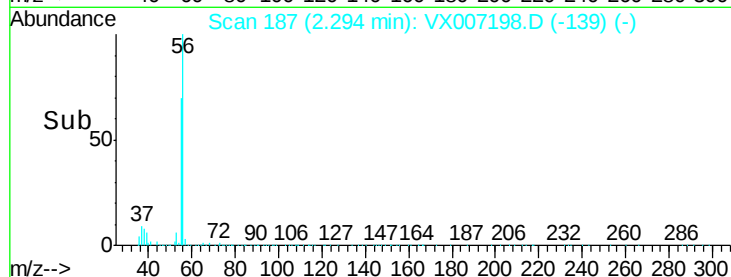
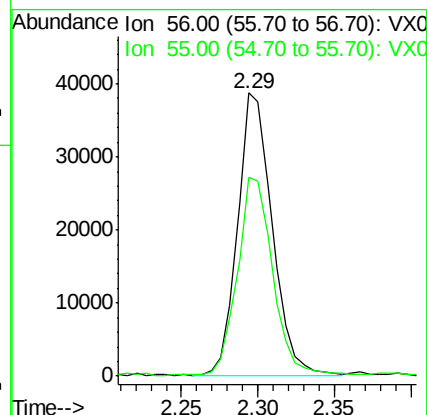
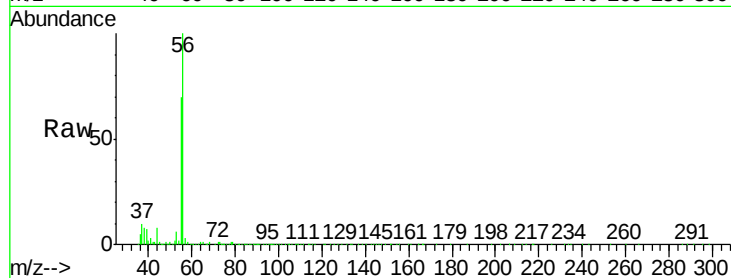
VX0124WBS01

Tot Ion: 56 Resp: 60801

Ion Ratio Lower Upper

56 100

55 71.3 58.2 87.4



#14

Allyl chloride

Concen: 20.117 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

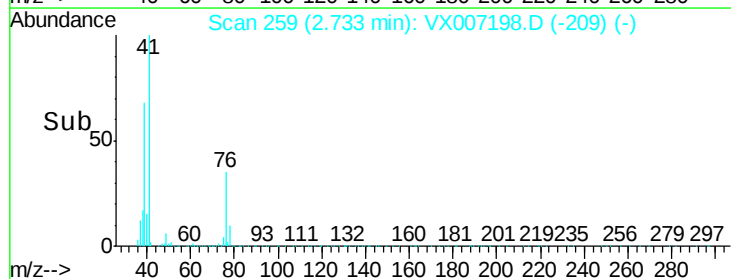
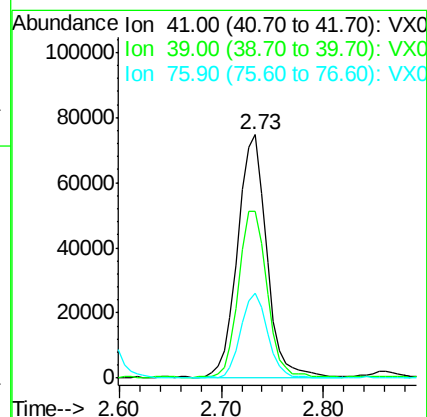
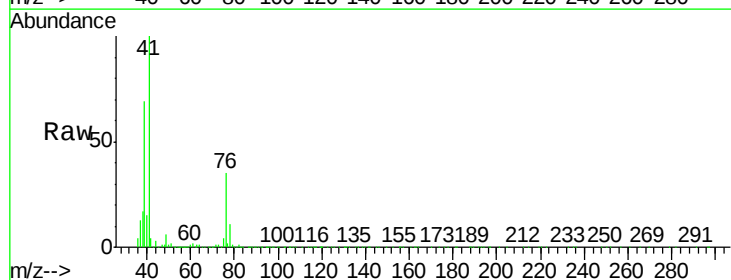
Tgt Ion: 41 Resp: 147982

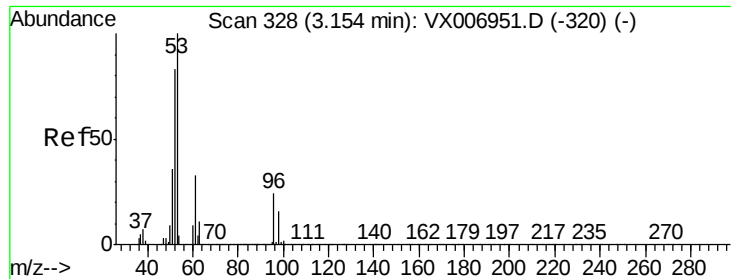
Ion Ratio Lower Upper

41 100

39 67.1 53.6 80.4

76 32.2 27.4 41.2





#15

Acrylonitrile

Concen: 109.078 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

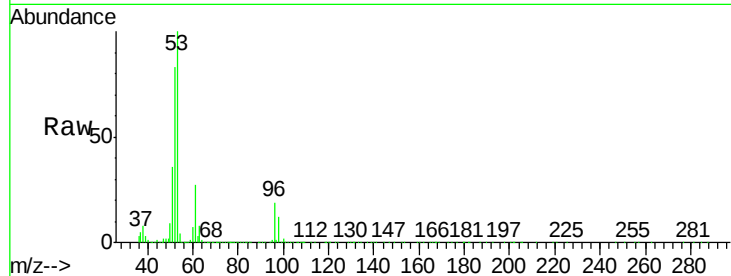
Tot Ion: 53 Resp: 288291

Ion Ratio Lower Upper

53 100

52 81.1 66.0 99.0

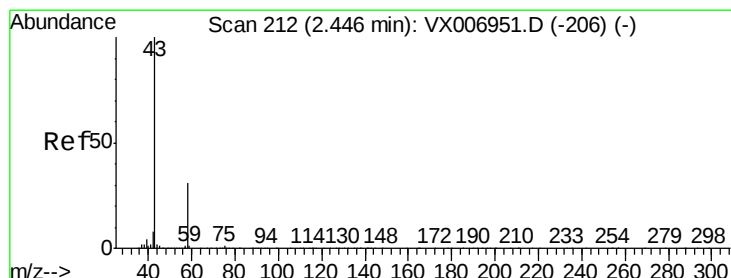
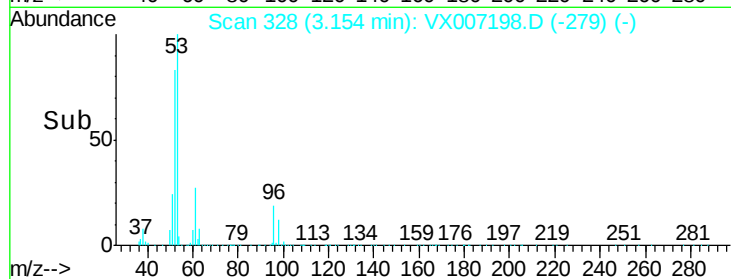
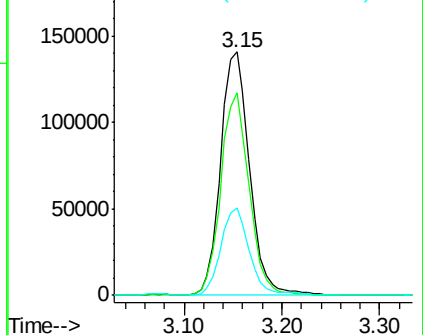
51 35.5 28.6 42.8



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: 107.488 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007198.D

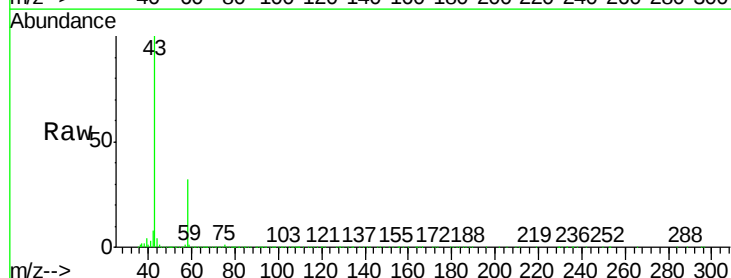
Acq: 24 Jan 2019 12:49

Tgt Ion: 43 Resp: 259350

Ion Ratio Lower Upper

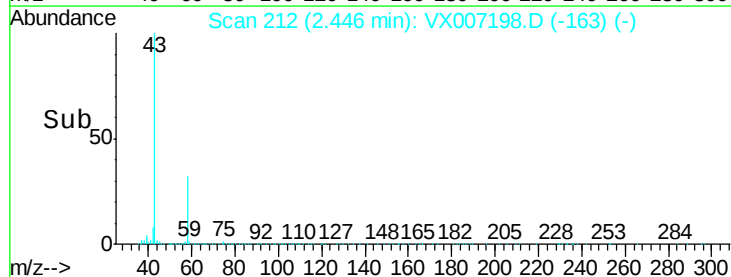
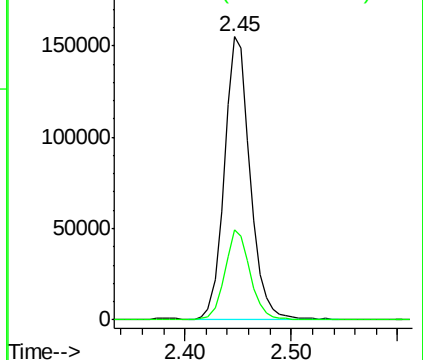
43 100

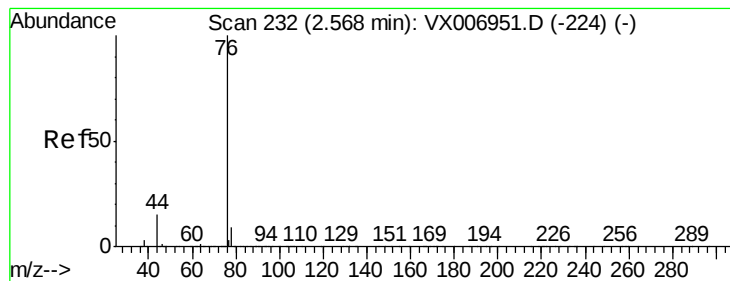
58 32.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 15.300 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

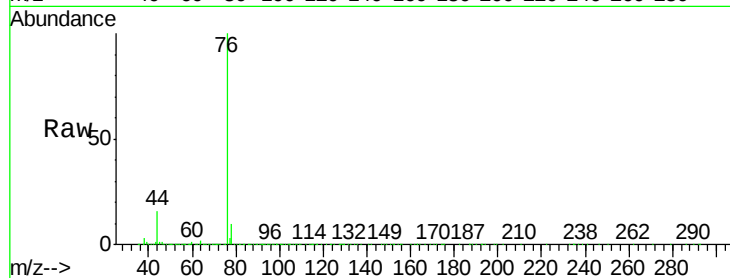
VX0124WBS01

Tot Ion: 76 Resp: 169075

Ion Ratio Lower Upper

76 100

78 9.9 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

100000

80000

60000

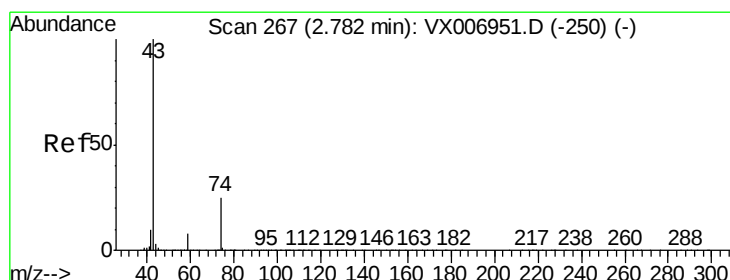
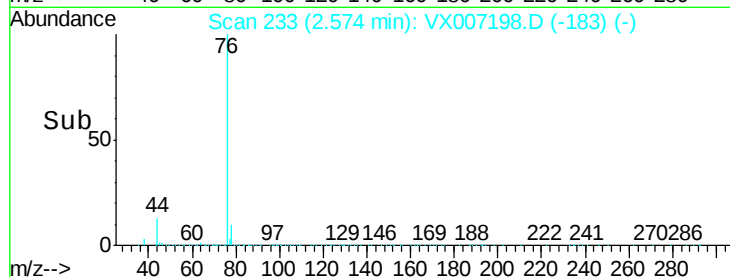
40000

20000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 22.503 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX007198.D

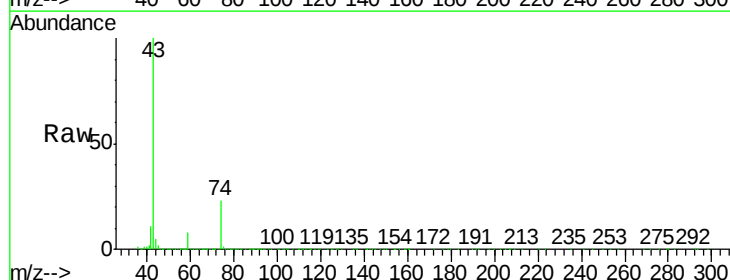
Acq: 24 Jan 2019 12:49

Tgt Ion: 43 Resp: 157241

Ion Ratio Lower Upper

43 100

74 24.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

100000

80000

60000

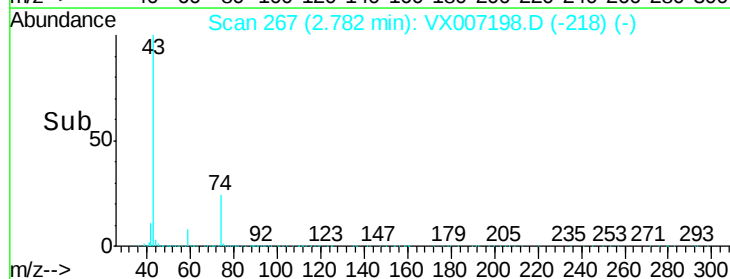
40000

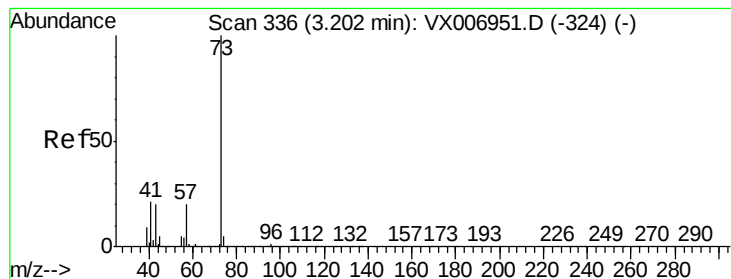
20000

0

Time-->

2.70 2.80 2.90



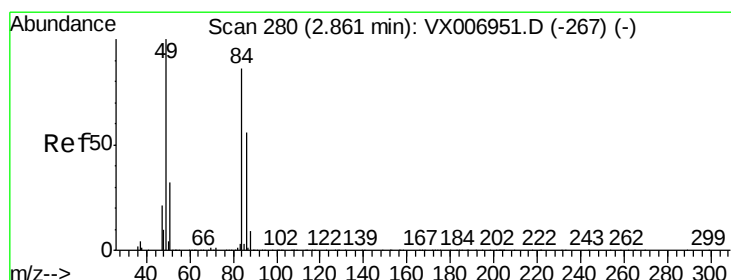
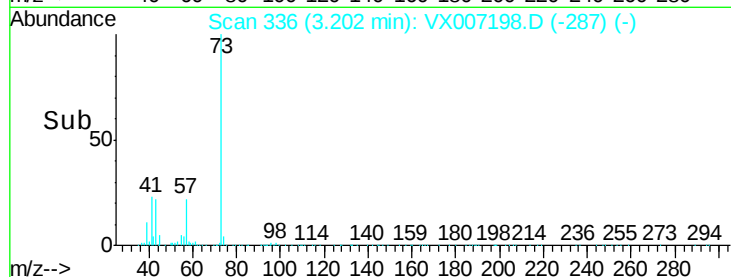
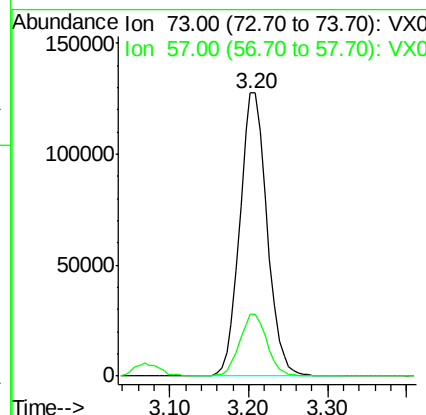
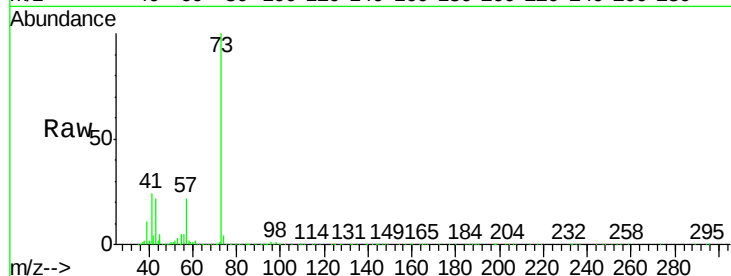


#19

Methyl tert-butyl Ether
 Concen: 20.604 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0124WBS01

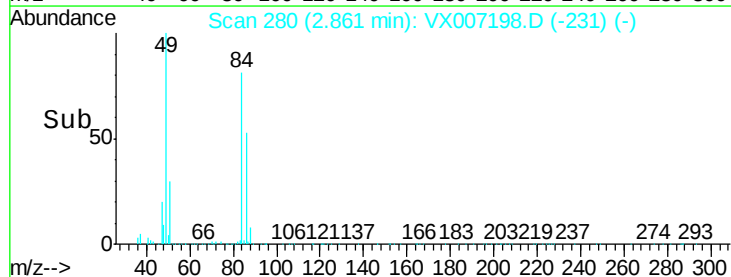
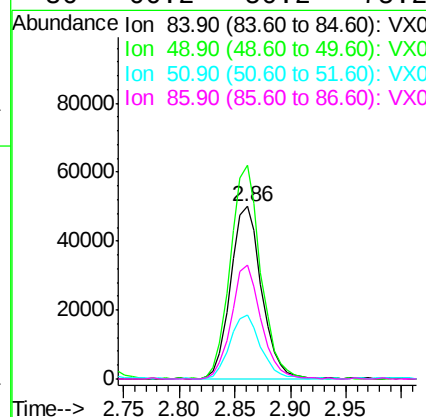
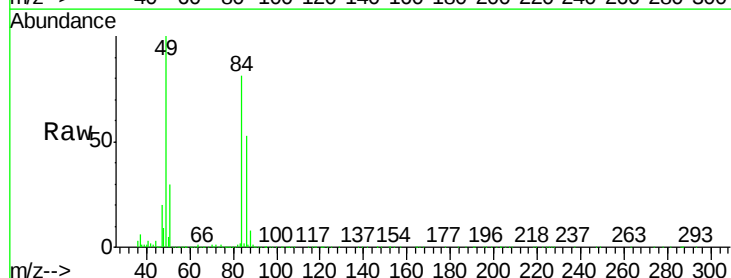
Tot Ion: 73 Resp: 306946
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

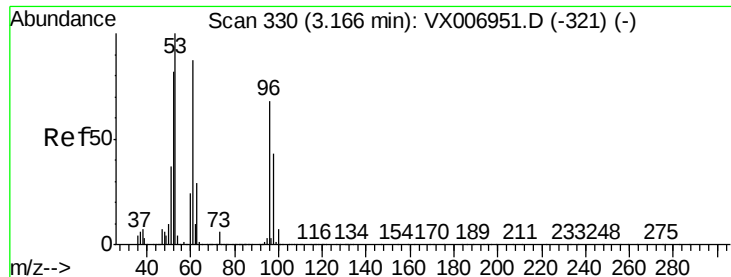


#20

Methylene Chloride
 Concen: 20.598 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion: 84 Resp: 96055
 Ion Ratio Lower Upper
 84 100
 49 123.7 91.8 137.6
 51 36.6 28.5 42.7
 86 66.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.596 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

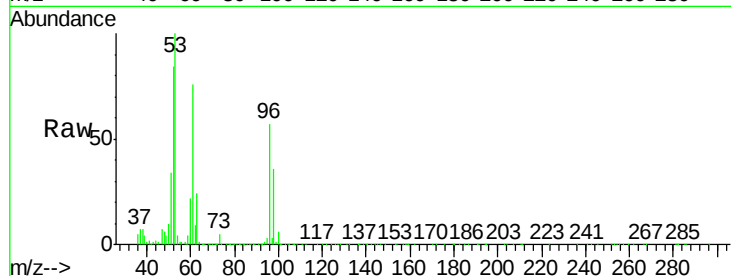
Tot Ion: 96 Resp: 88948

Ion Ratio Lower Upper

96 100

61 133.1 103.7 155.5

98 62.3 51.0 76.6

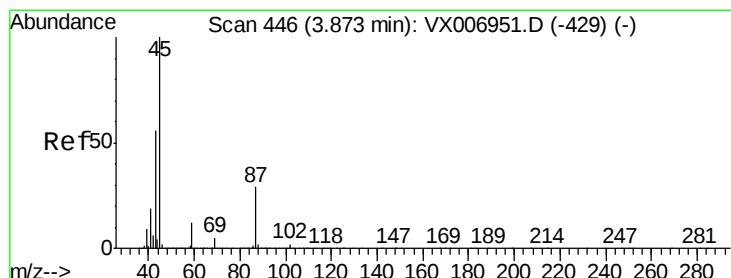
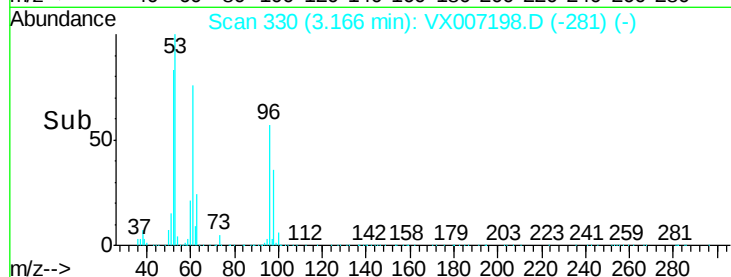
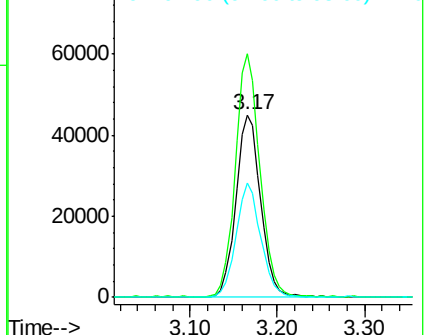


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.357 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Tgt Ion: 45 Resp: 281521

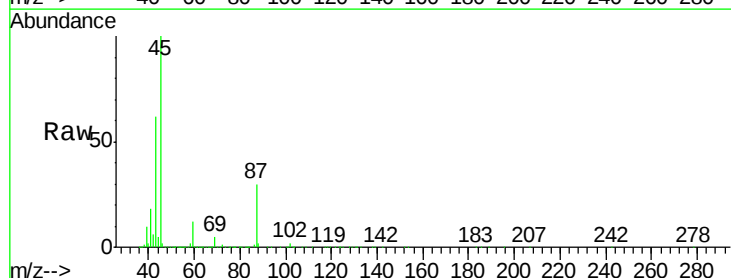
Ion Ratio Lower Upper

45 100

43 61.3 51.2 76.8

87 29.7 25.8 38.6

59 12.2 9.0 13.4



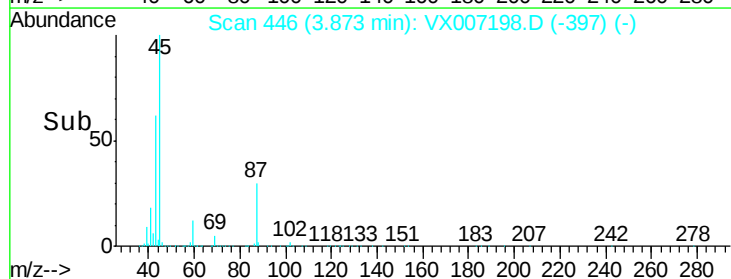
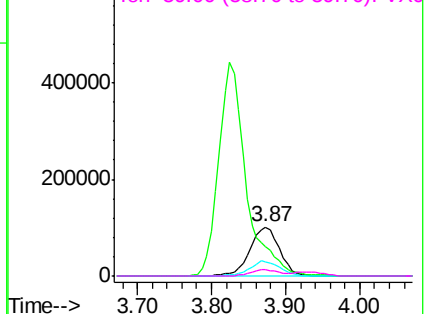
Abundance

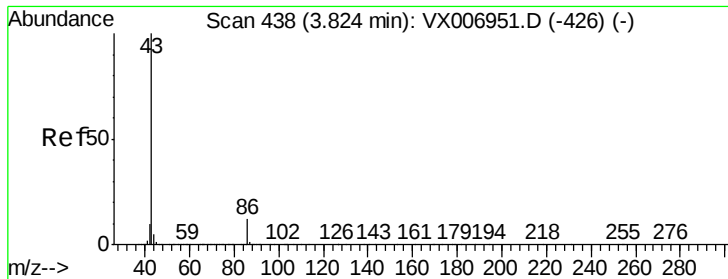
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 97.777 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleID :

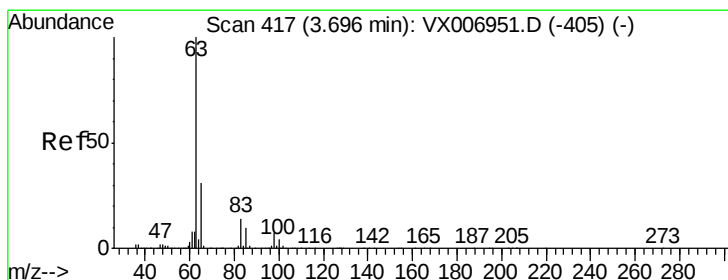
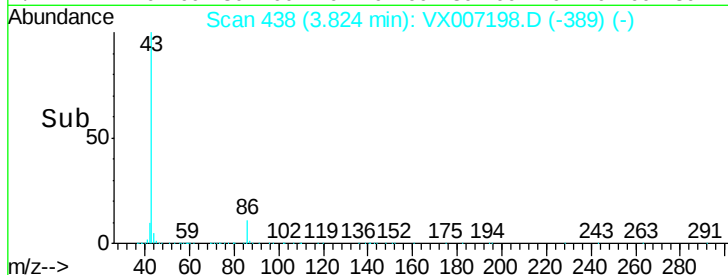
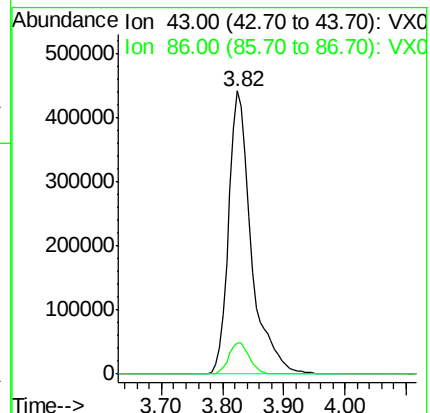
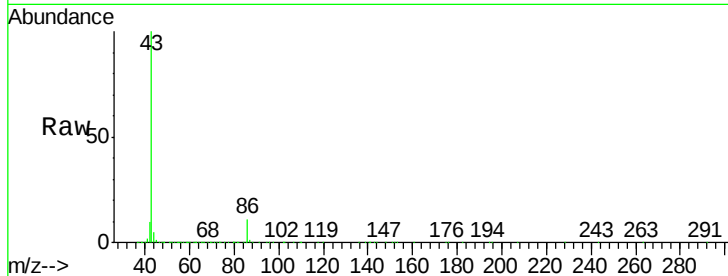
VX0124WBS01

Tot Ion: 43 Resp: 1140314

Ion Ratio Lower Upper

43 100

86 11.0 9.2 13.8



#24

1,1-Dichloroethane

Concen: 19.711 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

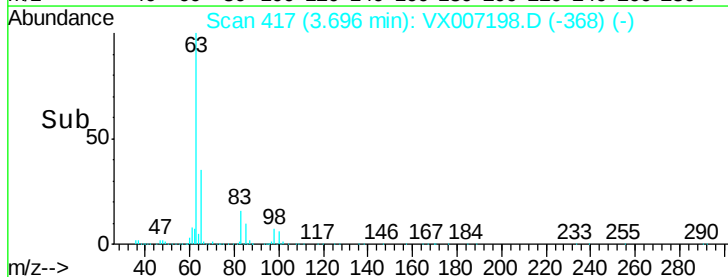
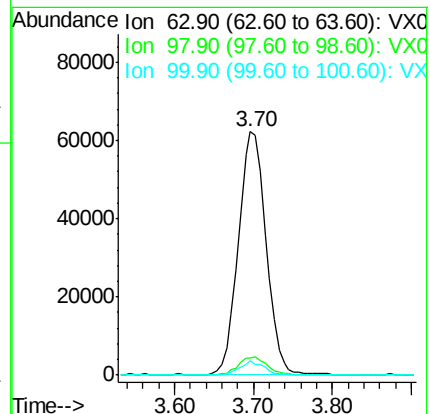
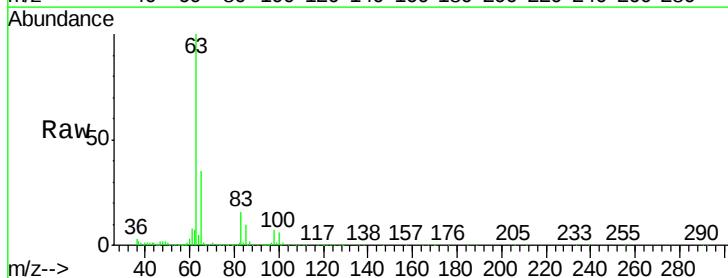
Tgt Ion: 63 Resp: 152417

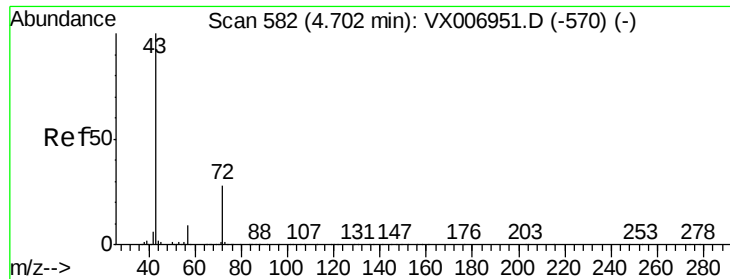
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 6.0 2.4 7.2





#25

2-Butanone

Concen: 106.409 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

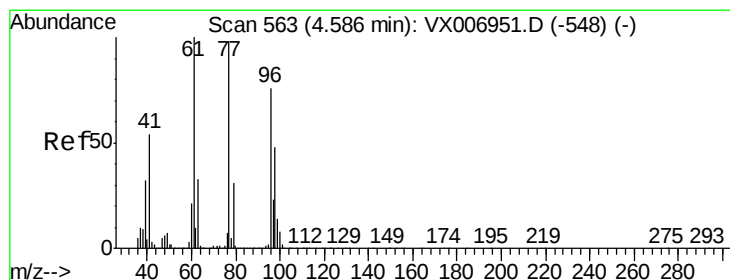
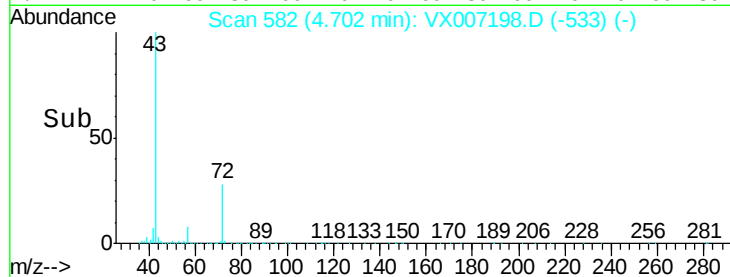
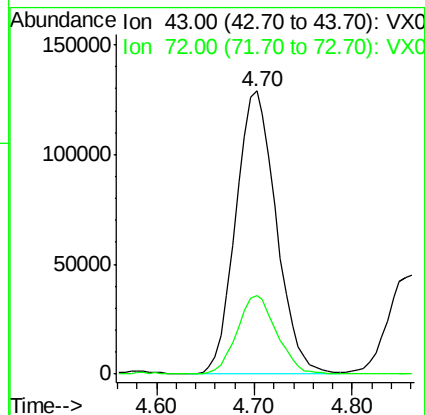
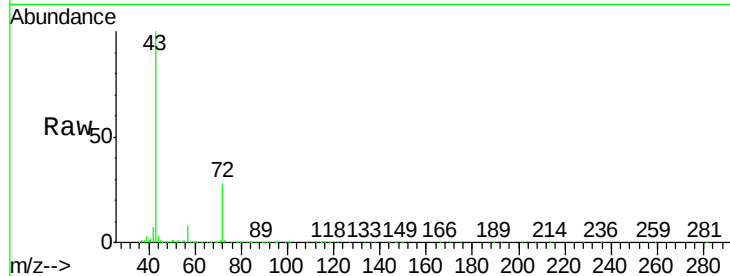
VX0124WBS01

Tot Ion: 43 Resp: 367366

Ion Ratio Lower Upper

43 100

72 27.6 22.4 33.6



#26

2,2-Dichloropropane

Concen: 18.497 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007198.D

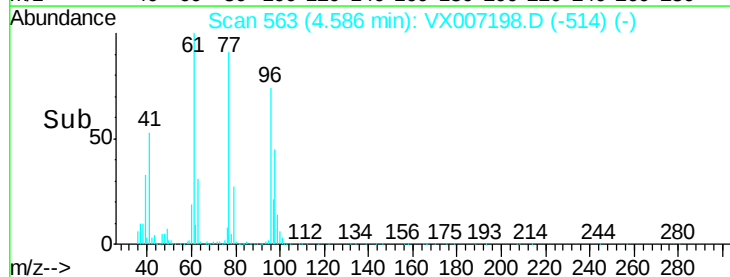
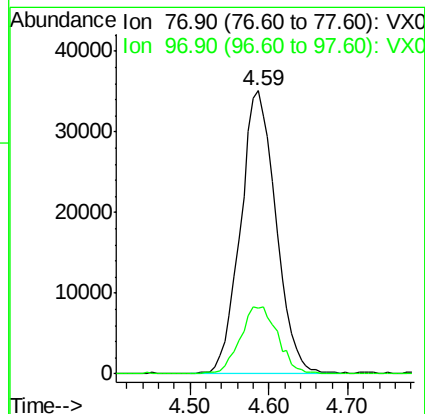
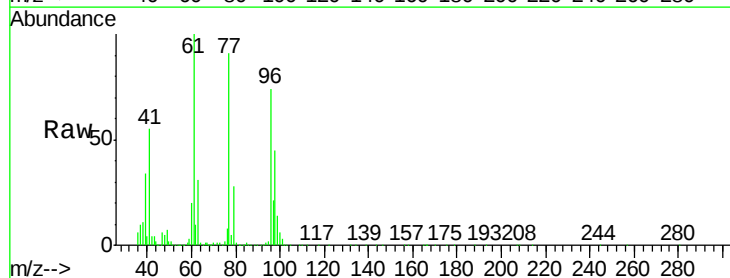
Acq: 24 Jan 2019 12:49

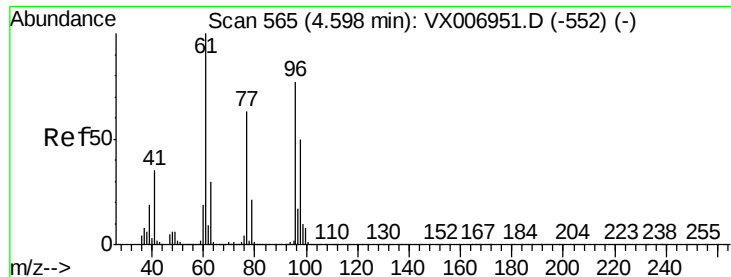
Tgt Ion: 77 Resp: 109986

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4



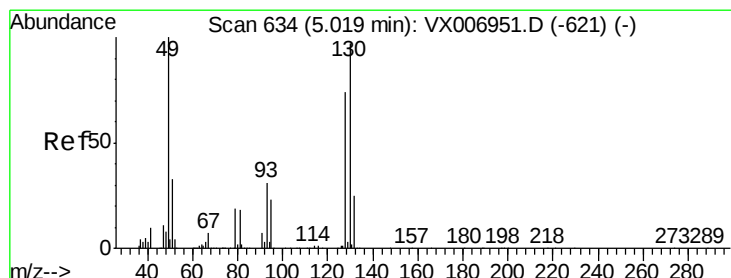
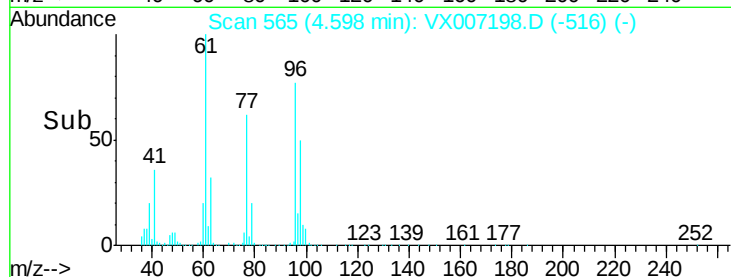
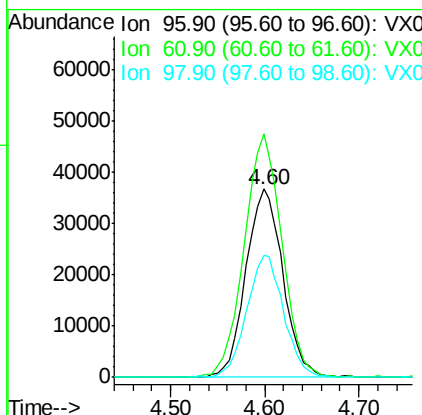
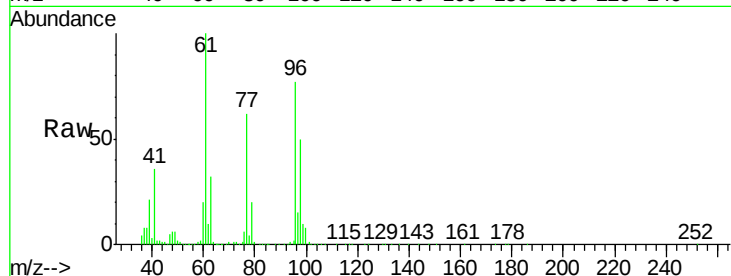


#27

cis-1,2-Dichloroethene
Concen: 19.155 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

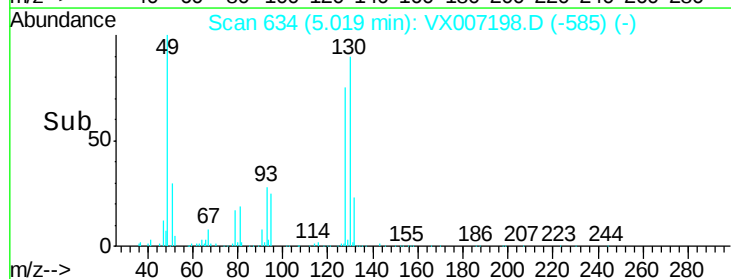
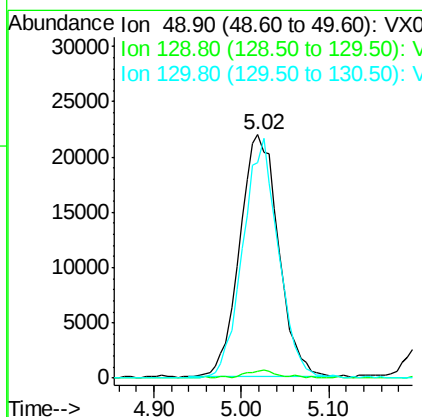
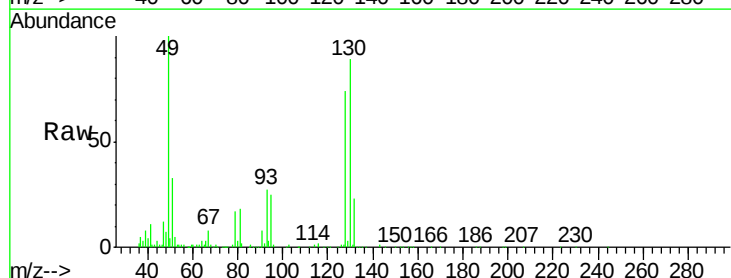
Tot Ion: 96 Resp: 101058
Ion Ratio Lower Upper
96 100
61 131.6 0.0 258.6
98 65.0 0.0 132.0

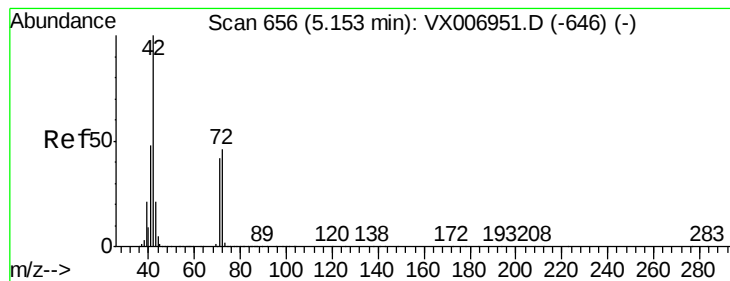


#28

Bromochloromethane
Concen: 19.996 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 49 Resp: 67746
Ion Ratio Lower Upper
49 100
129 2.6 0.0 5.4
130 90.6 77.7 116.5





#29

Tetrahydrofuran

Concen: 105.805 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

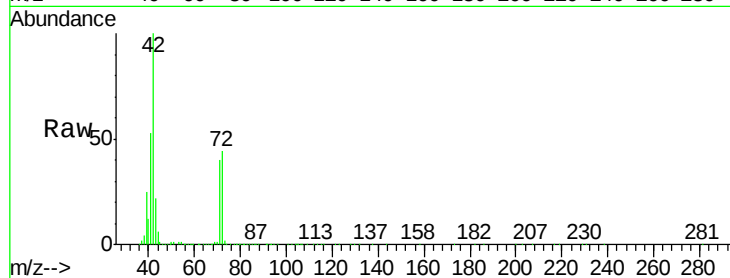
Tot Ion: 42 Resp: 237388

Ion Ratio Lower Upper

42 100

72 45.2 38.9 58.3

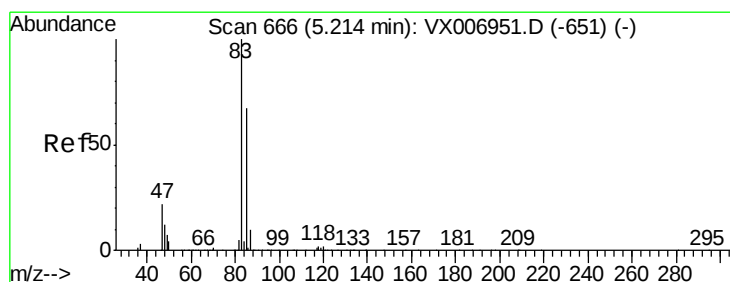
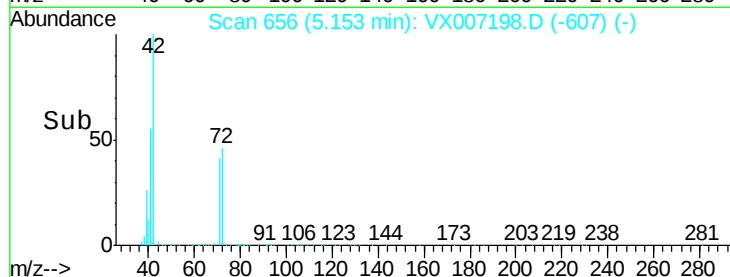
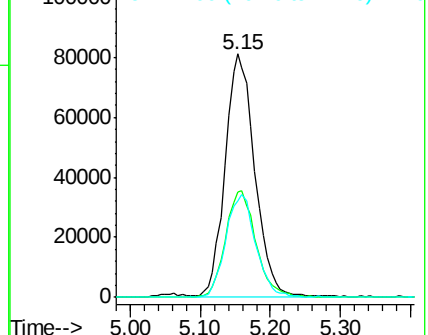
71 42.7 36.2 54.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 20.259 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007198.D

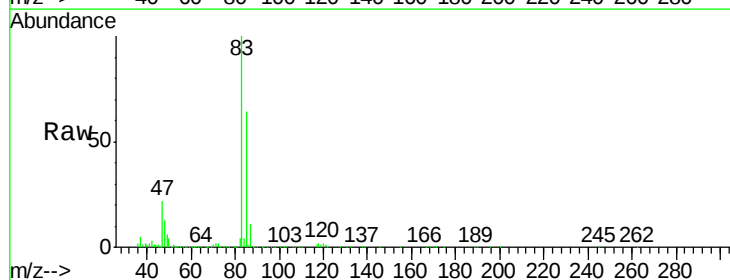
Acq: 24 Jan 2019 12:49

Tgt Ion: 83 Resp: 164016

Ion Ratio Lower Upper

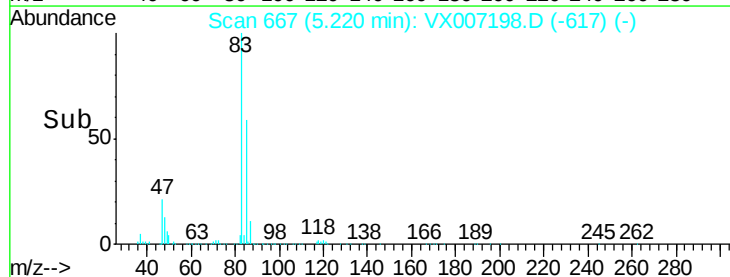
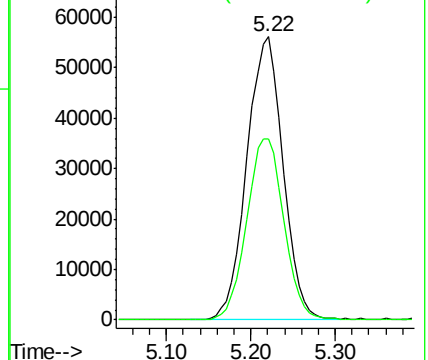
83 100

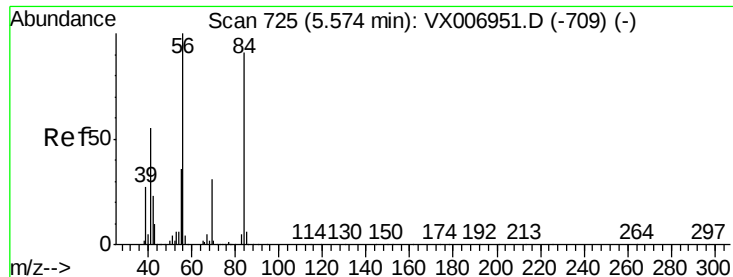
85 63.8 51.2 76.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

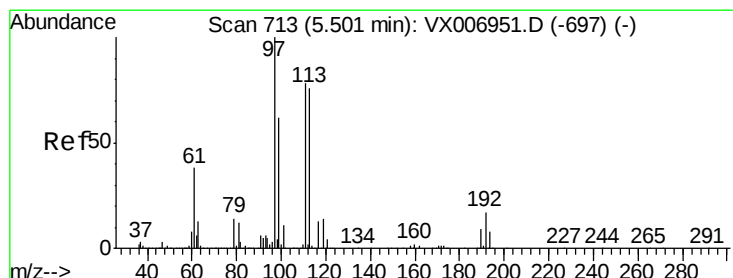
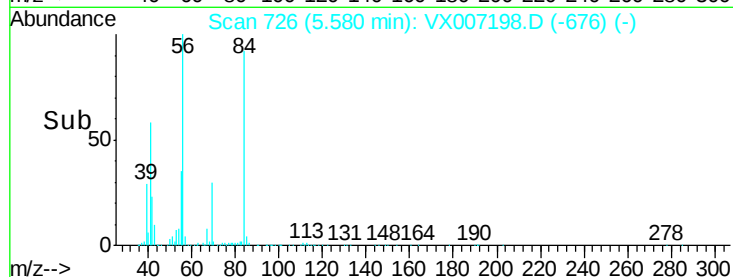
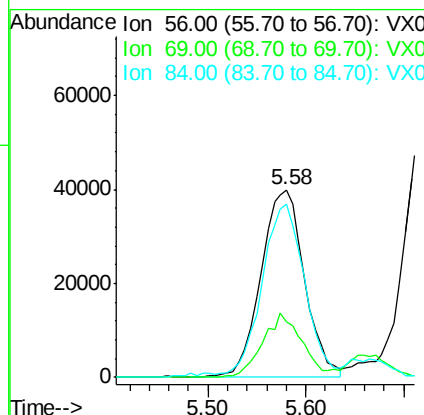
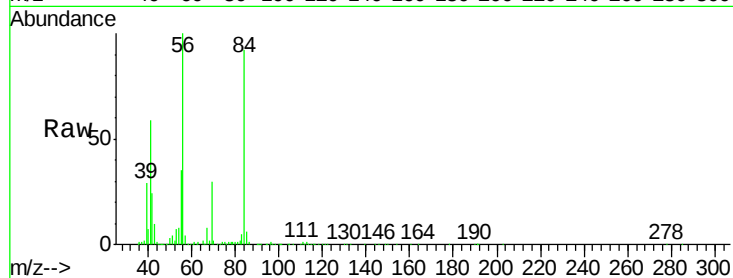




#31
Cyclohexane
Concen: 17.913 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

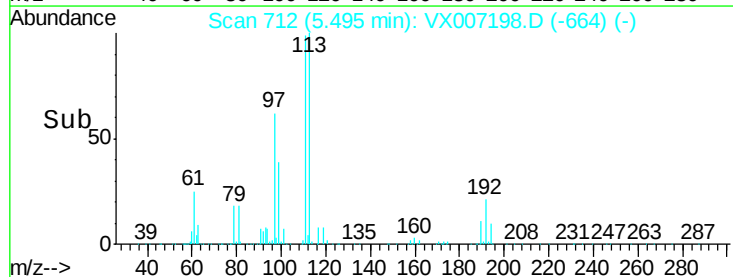
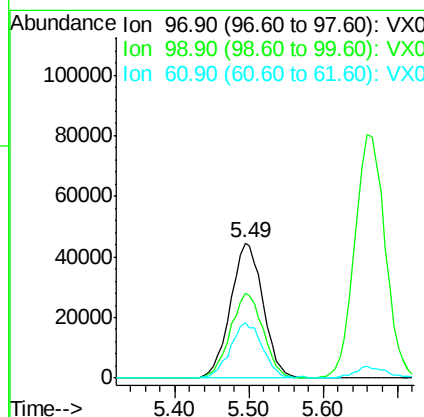
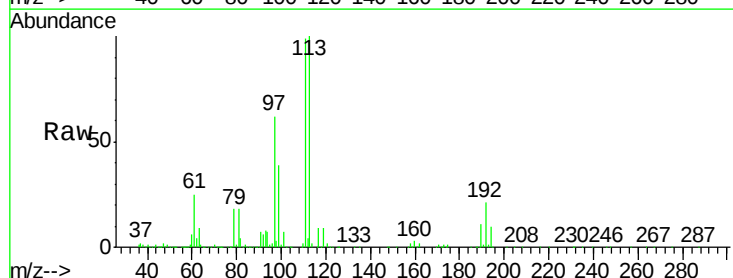
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

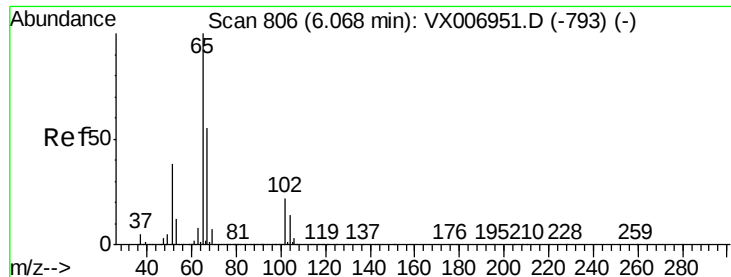
Tot Ion: 56 Resp: 123284
Ion Ratio Lower Upper
56 100
69 29.3 24.4 36.6
84 89.8 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 19.833 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 97 Resp: 136104
Ion Ratio Lower Upper
97 100
99 63.4 51.7 77.5
61 40.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 50.946 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

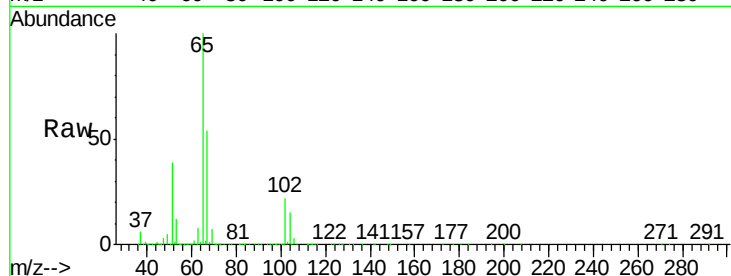
VX0124WBS01

Tot Ion: 65 Resp: 248649

Ion Ratio Lower Upper

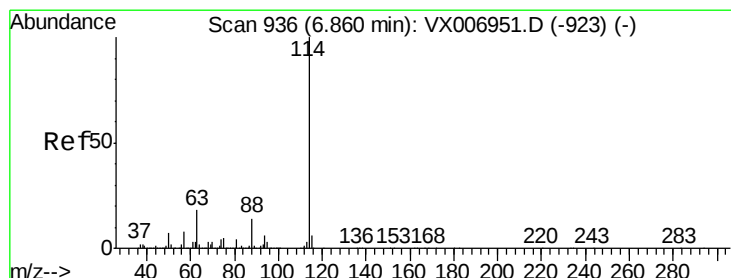
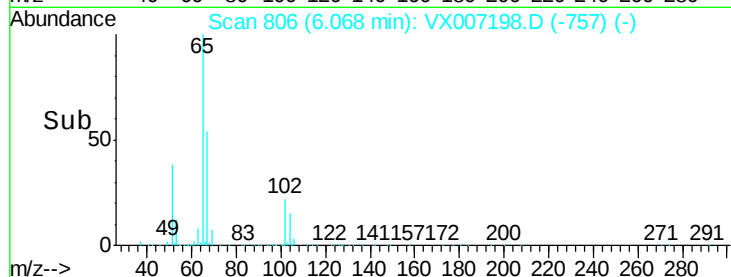
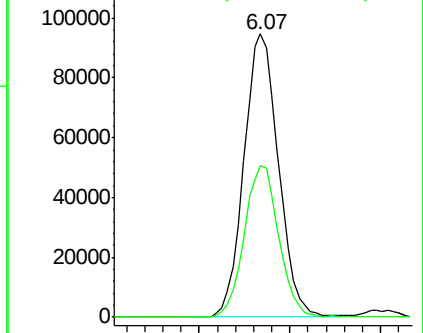
65 100

67 53.3 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

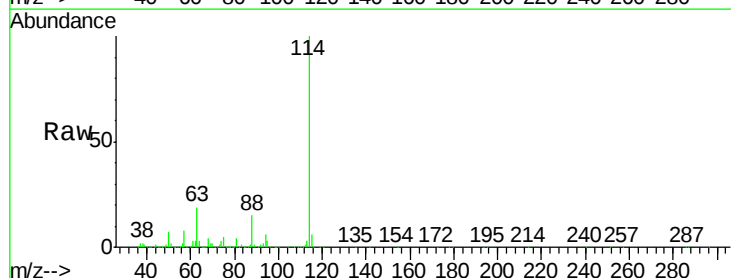
Tgt Ion: 114 Resp: 687324

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

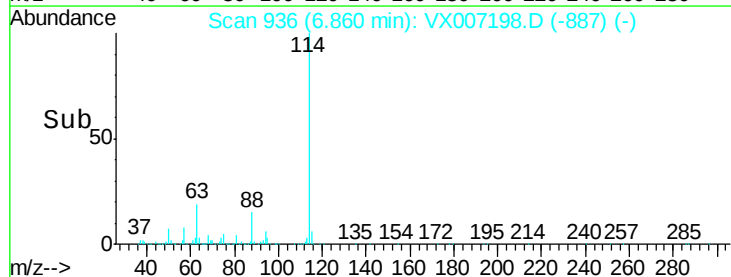
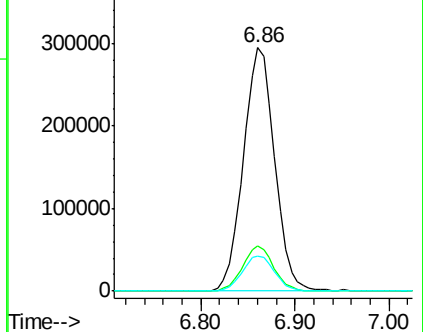
88 14.6 0.0 28.8

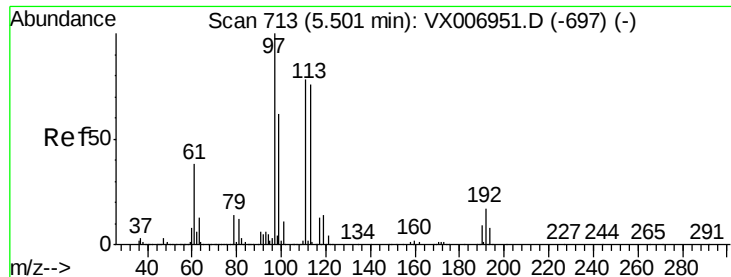


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

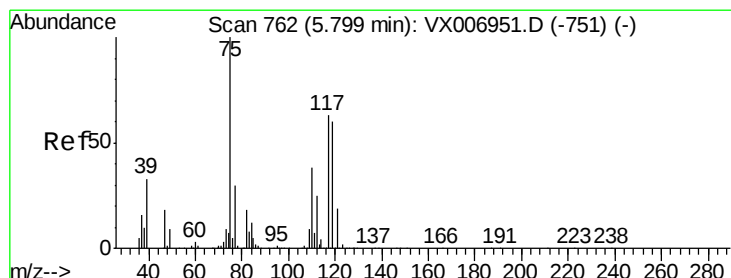
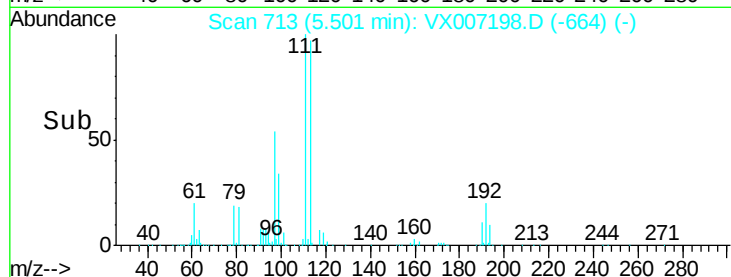
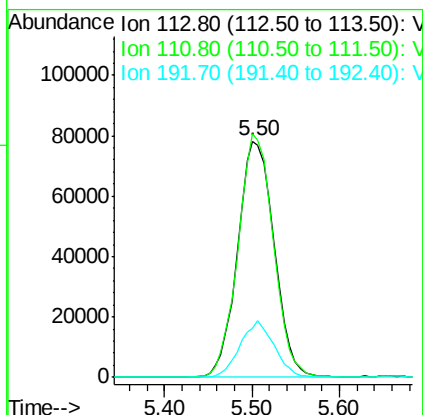
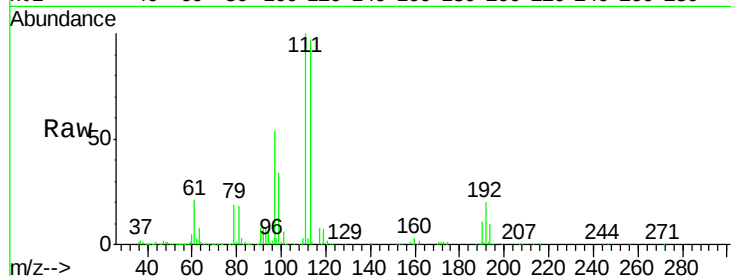




#35
 Dibromofluoromethane
 Concen: 51.647 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

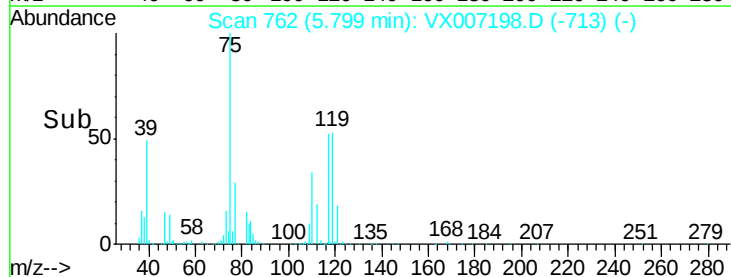
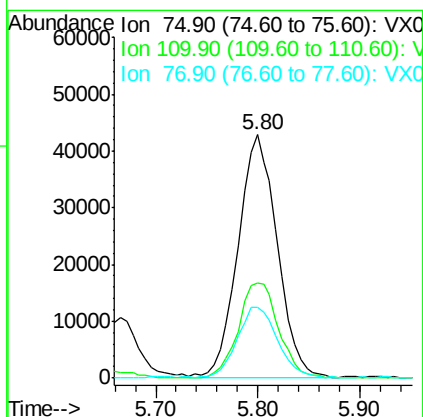
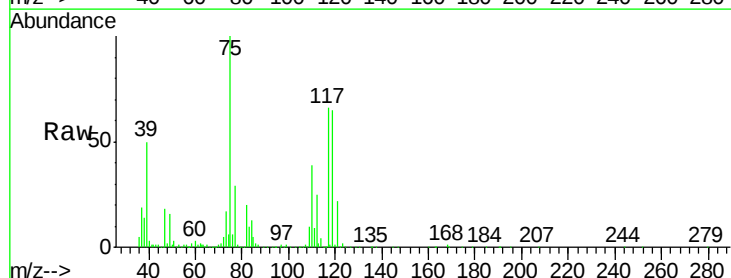
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

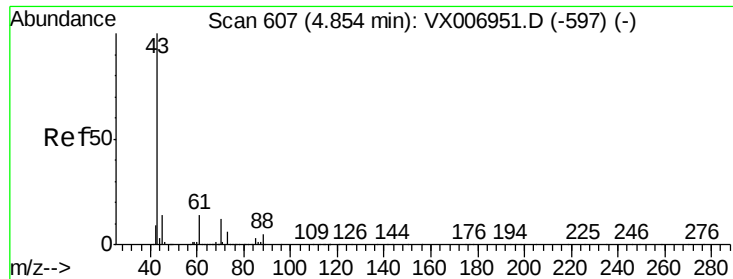
Tot Ion:113 Resp: 227330
 Ion Ratio Lower Upper
 113 100
 111 100.0 81.6 122.4
 192 22.4 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 19.017 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion: 75 Resp: 113643
 Ion Ratio Lower Upper
 75 100
 110 40.9 20.2 60.5
 77 30.1 24.8 37.2

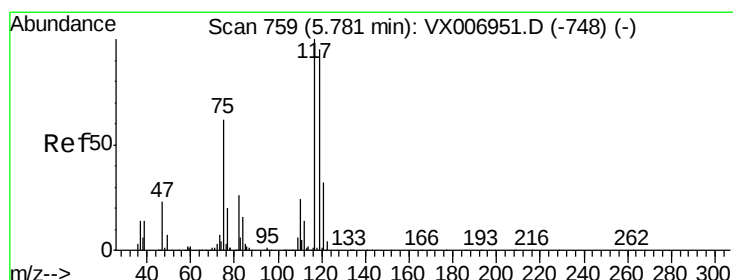
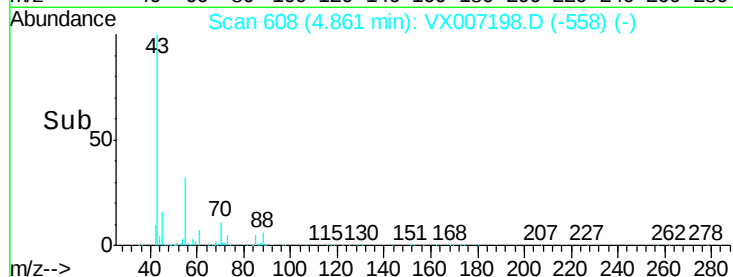
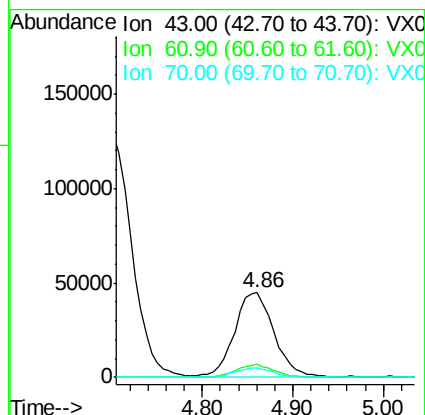
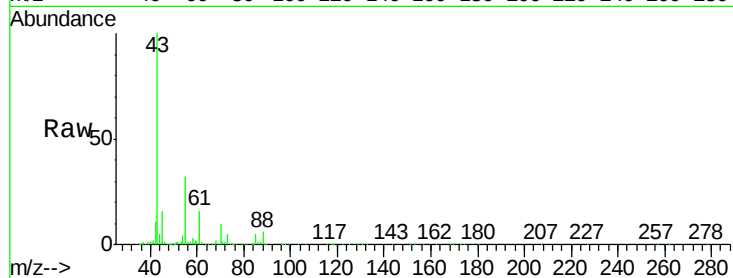




#37
Ethyl Acetate
Concen: 20.804 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

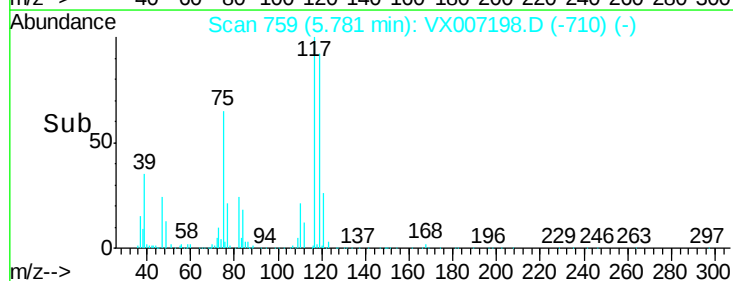
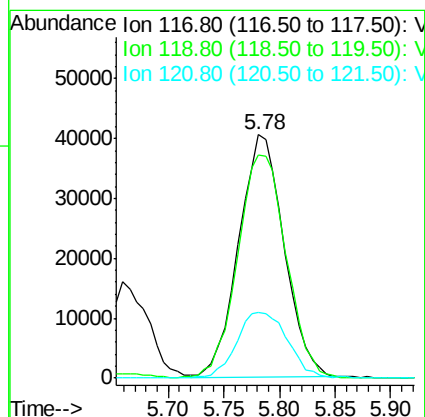
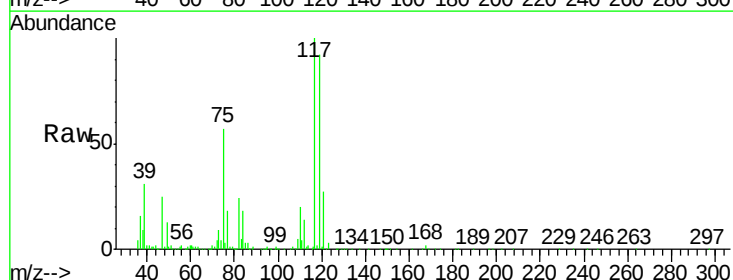
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

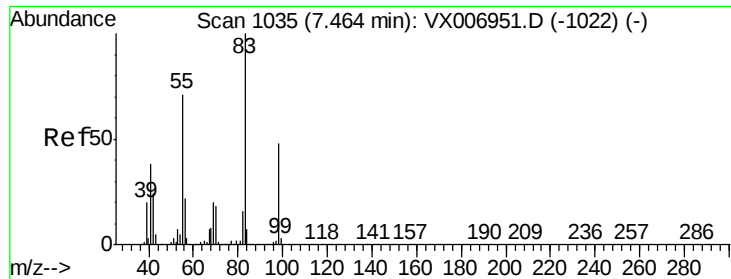
Tot Ion: 43 Resp: 133281
Ion Ratio Lower Upper
43 100
61 14.2 11.9 17.9
70 11.8 9.7 14.5



#38
Carbon Tetrachloride
Concen: 19.089 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 117 Resp: 114768
Ion Ratio Lower Upper
117 100
119 91.7 79.4 119.2
121 26.7 24.0 36.0

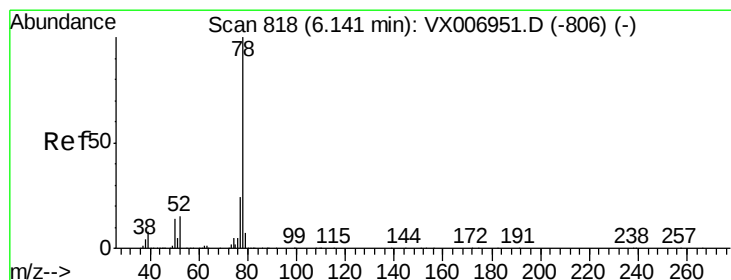
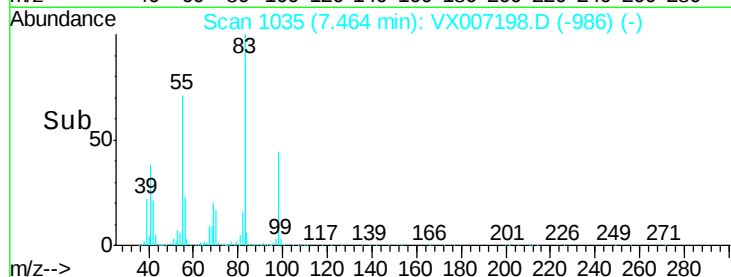
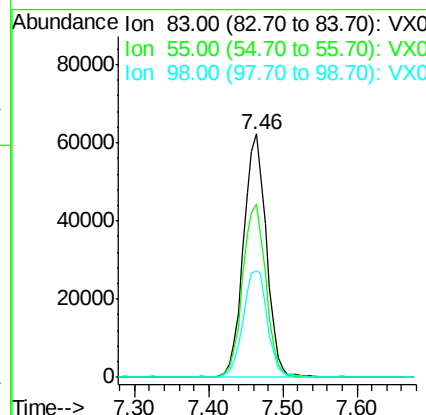
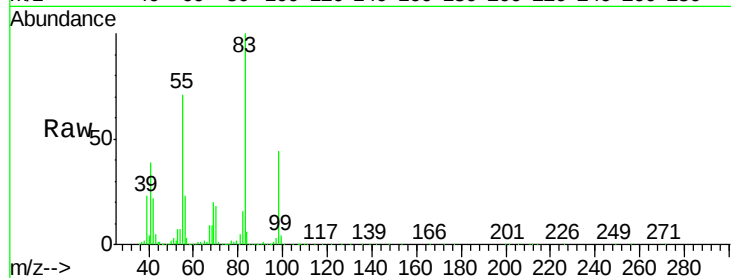




#39
Methvlcvclohexane
Concen: 17.673 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

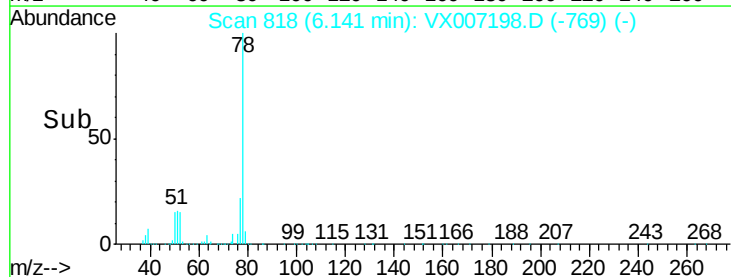
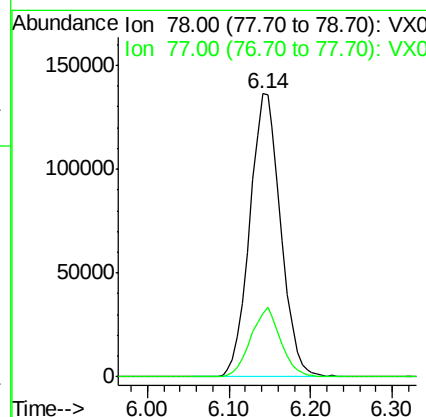
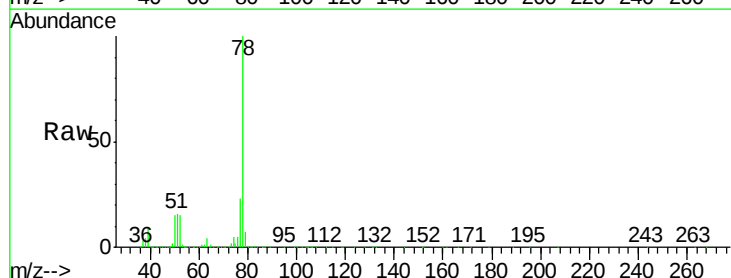
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

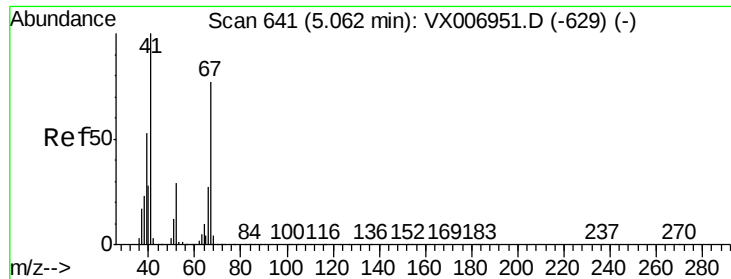
Tot Ion: 83 Resp: 134634
Ion Ratio Lower Upper
83 100
55 71.2 54.9 82.3
98 43.6 37.9 56.9



#40
Benzene
Concen: 19.728 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 78 Resp: 359712
Ion Ratio Lower Upper
78 100
77 22.6 19.2 28.8





#41

Methacrylonitrile

Concen: 19.733 ug/l

RT: 5.07 min Scan# 642

Delta R.T. 0.01 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

Tot Ion: 41 Resp: 72826

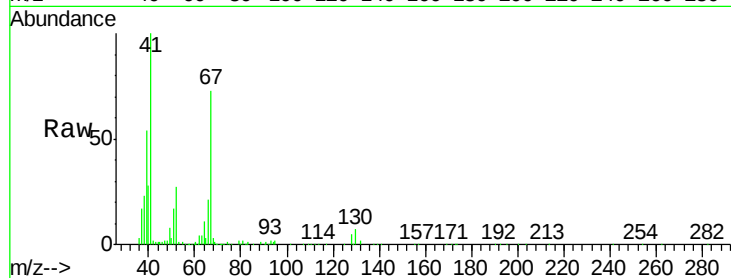
Ion Ratio Lower Upper

41 100

39 56.6 42.8 64.2

67 75.8 62.1 93.1

52 29.9 23.4 35.0

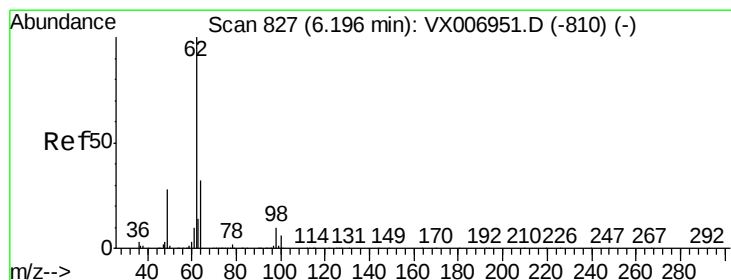
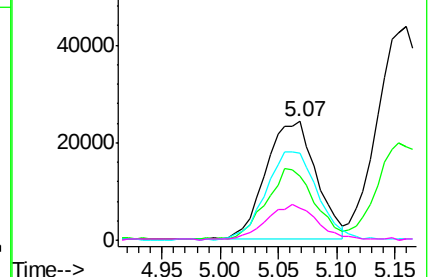
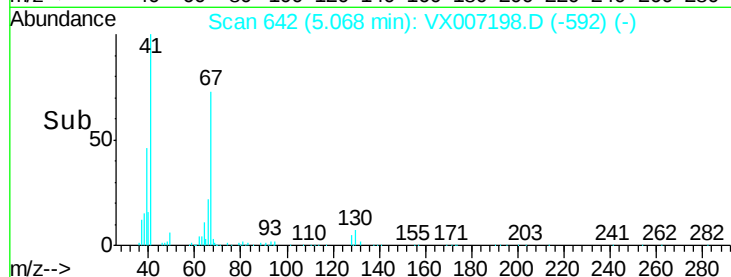


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 19.830 ug/l

RT: 6.20 min Scan# 828

Delta R.T. 0.01 min

Lab File: VX007198.D

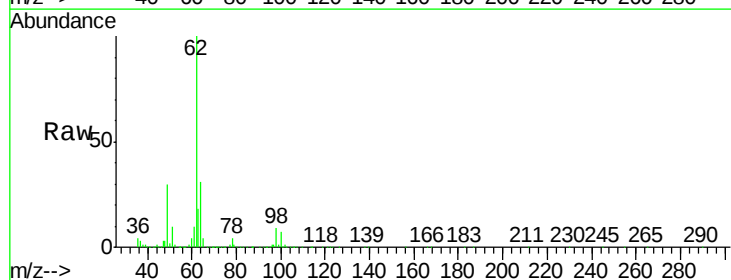
Acq: 24 Jan 2019 12:49

Tgt Ion: 62 Resp: 124949

Ion Ratio Lower Upper

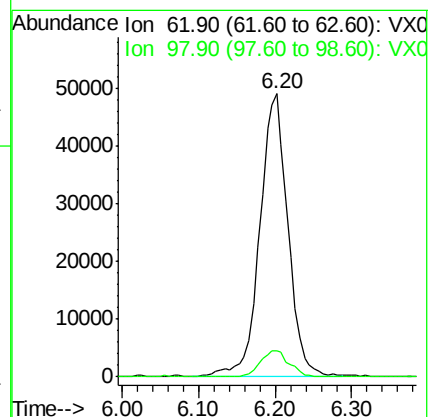
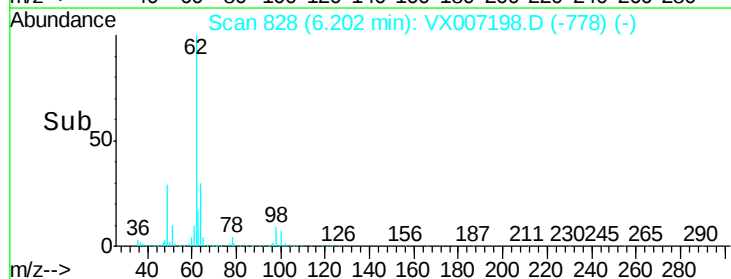
62 100

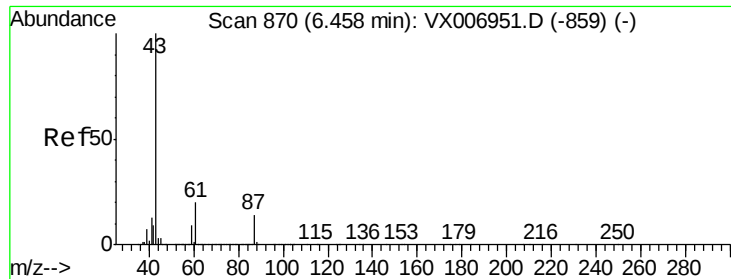
98 9.7 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



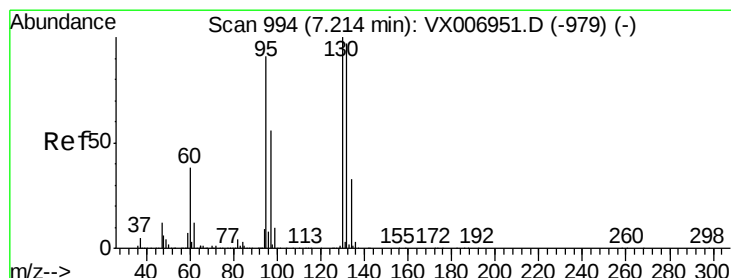
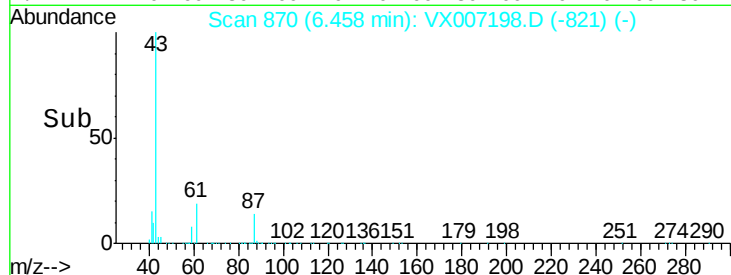
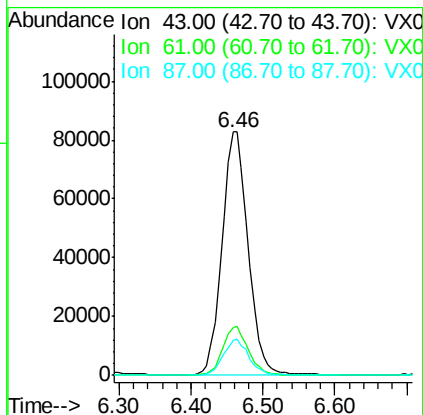
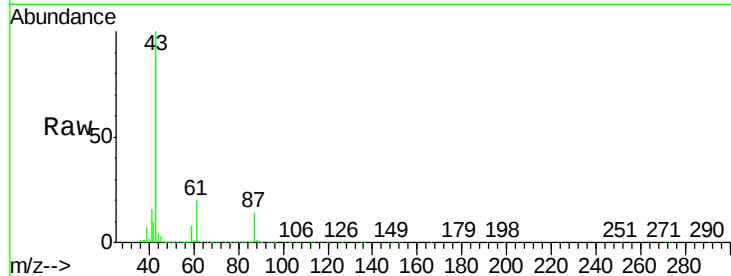


#43

Isopropyl Acetate
 Concen: 20.460 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

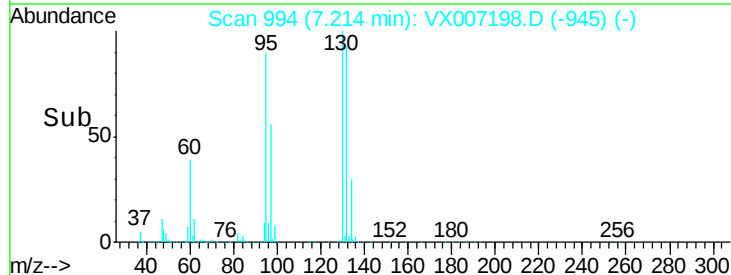
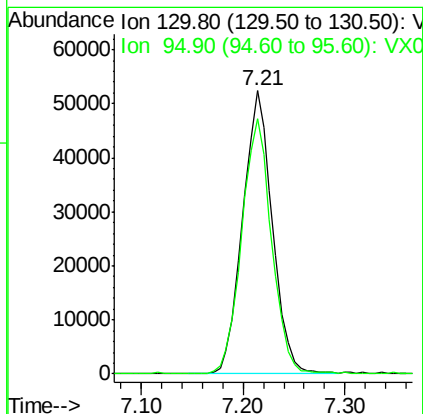
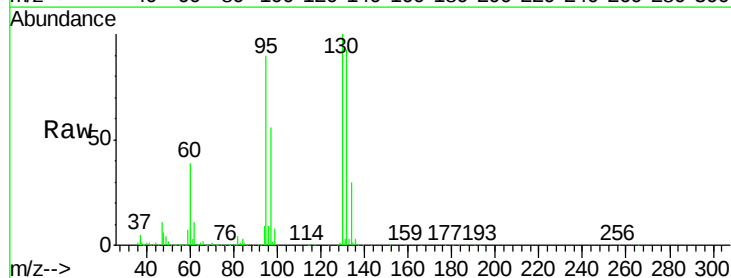
Tot Ion	43	Resp	206759
Ion Ratio	Lower	Upper	
43	100		
61	19.8	16.8	25.2
87	14.6	12.4	18.6

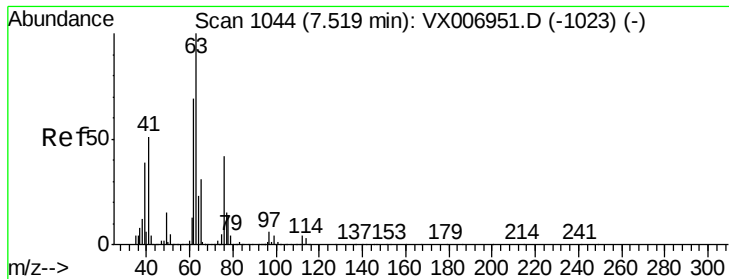


#44

Trichloroethene
 Concen: 19.422 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion	130	Resp	106118
Ion Ratio	Lower	Upper	
130	100		
95	90.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 20.250 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

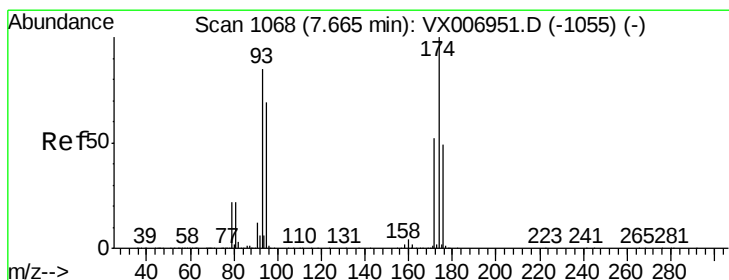
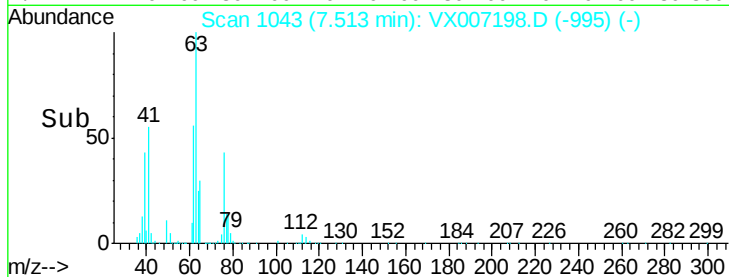
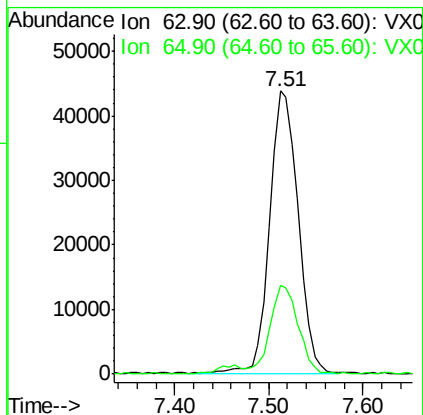
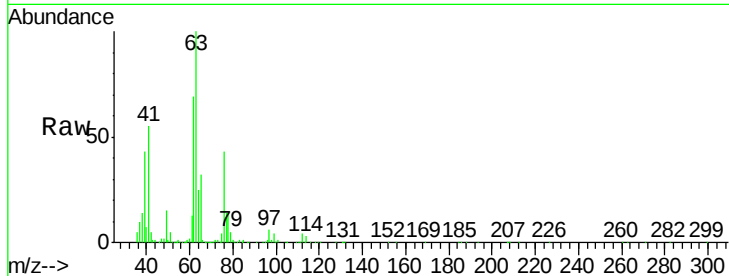
VX0124WBS01

Tot Ion: 63 Resp: 92826

Ion Ratio Lower Upper

63 100

65 31.3 25.4 38.0



#46

Dibromomethane

Concen: 20.154 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

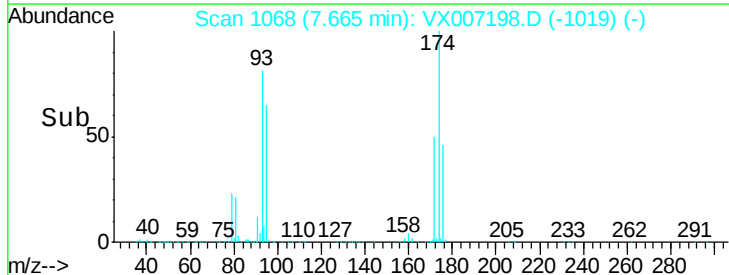
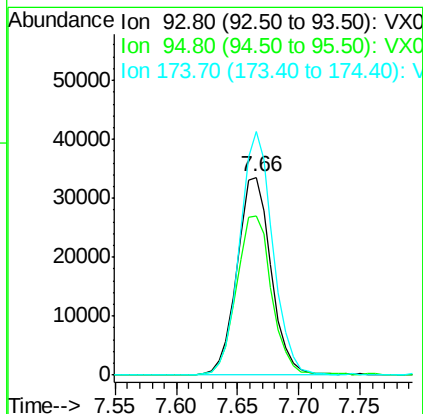
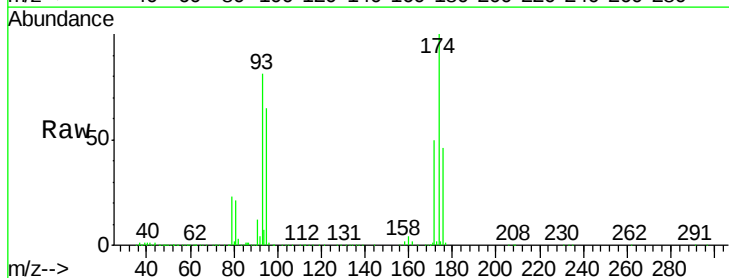
Tgt Ion: 93 Resp: 64930

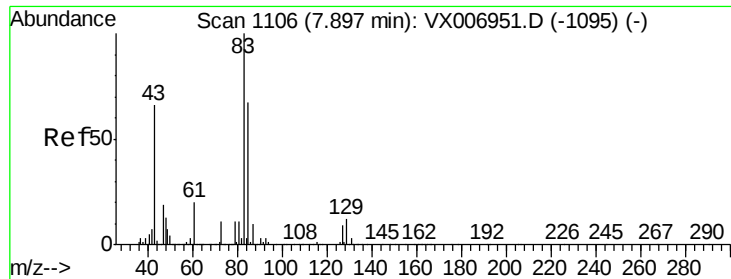
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 119.5 91.0 136.4





#47

Bromodichloromethane

Concen: 20.278 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

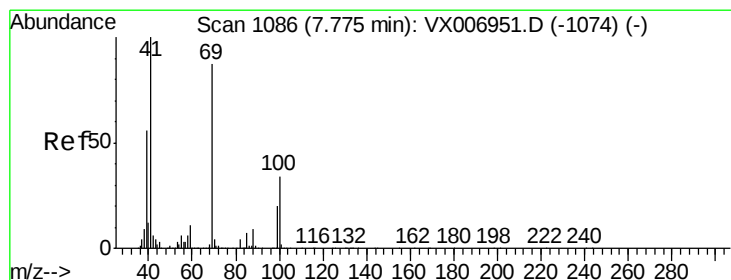
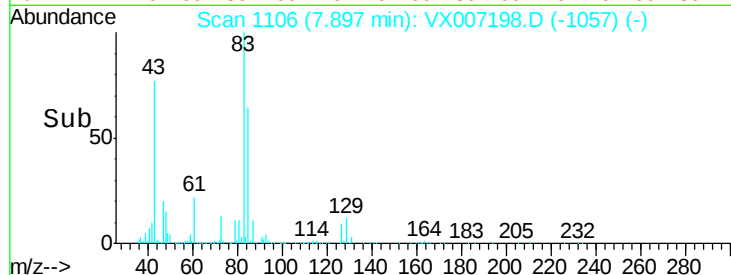
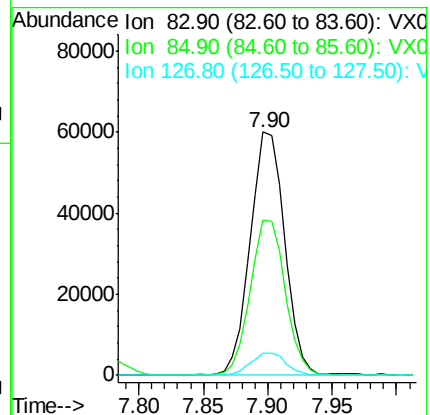
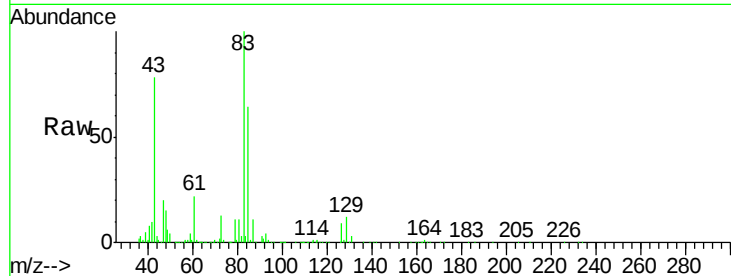
Tot Ion: 83 Resp: 111199

Ion Ratio Lower Upper

83 100

85 63.6 53.2 79.8

127 9.0 7.8 11.6



#48

Methyl methacrylate

Concen: 20.259 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

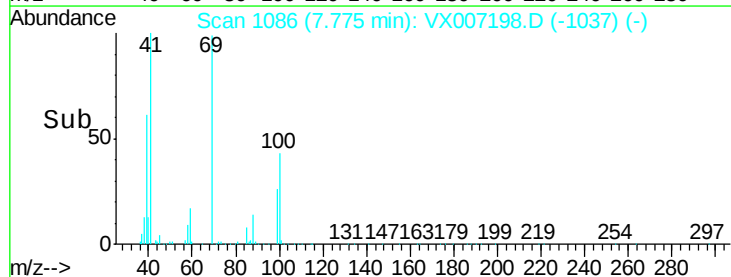
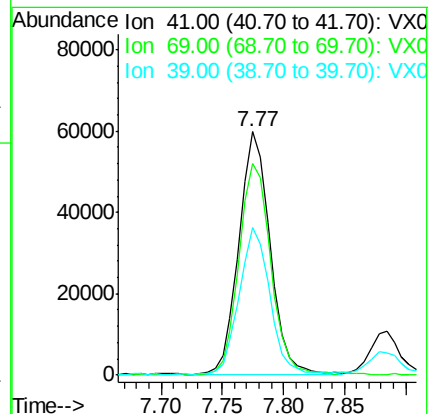
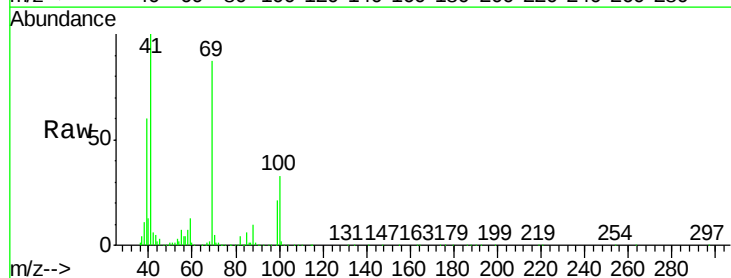
Tgt Ion: 41 Resp: 105134

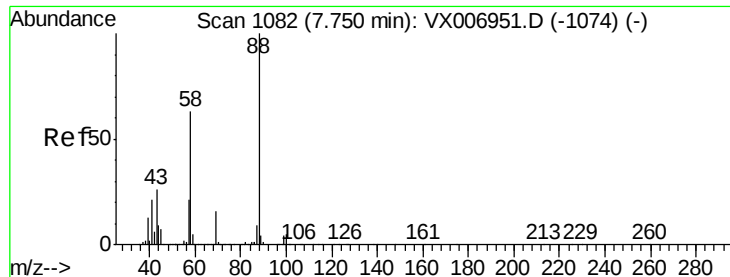
Ion Ratio Lower Upper

41 100

69 89.2 72.4 108.6

39 59.7 45.8 68.8





#49

1,4-Dioxane

Concen: 431.268 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS01

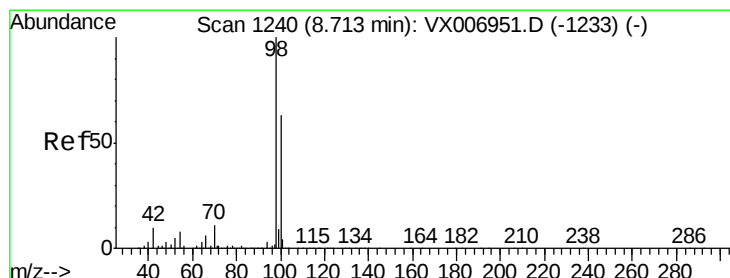
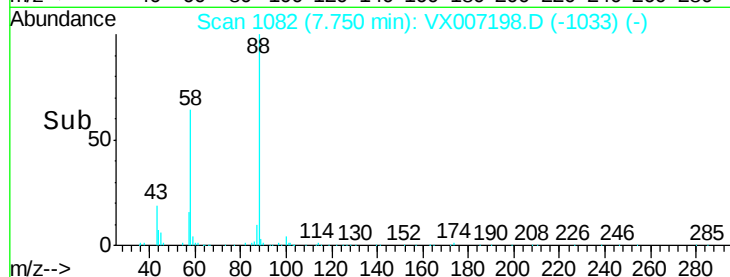
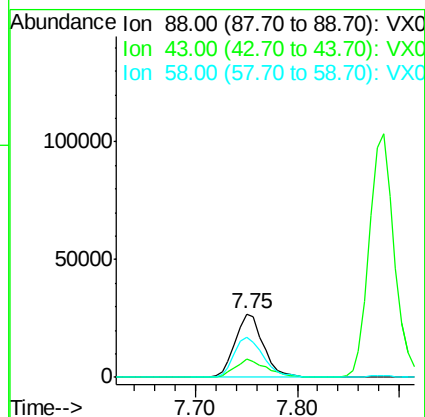
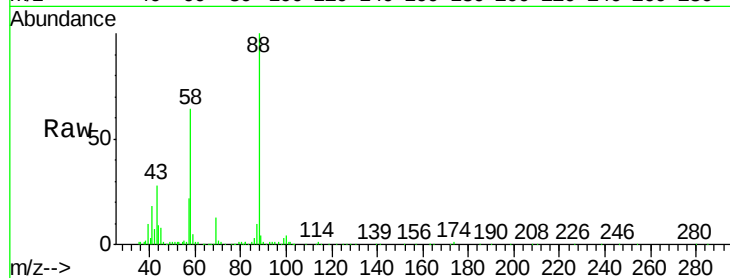
Tot Ion: 88 Resp: 51689

Ion Ratio Lower Upper

88 100

43 30.1 22.2 33.4

58 64.2 51.0 76.4



#50

Toluene-d8

Concen: 49.972 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007198.D

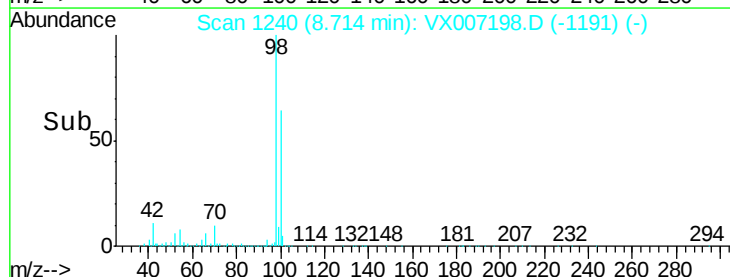
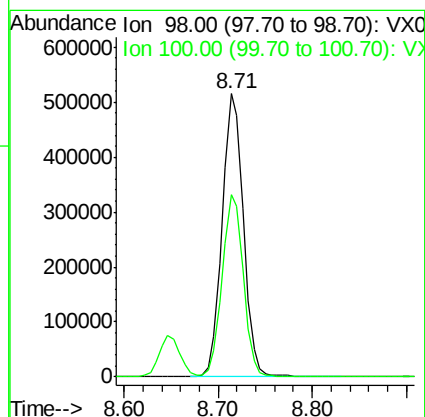
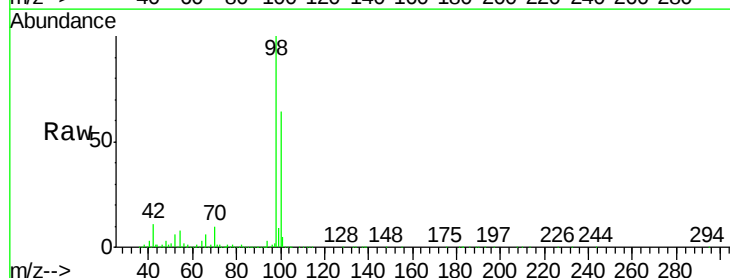
Acq: 24 Jan 2019 12:49

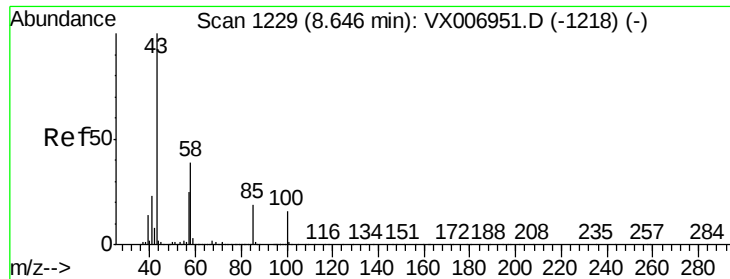
Tgt Ion: 98 Resp: 805109

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

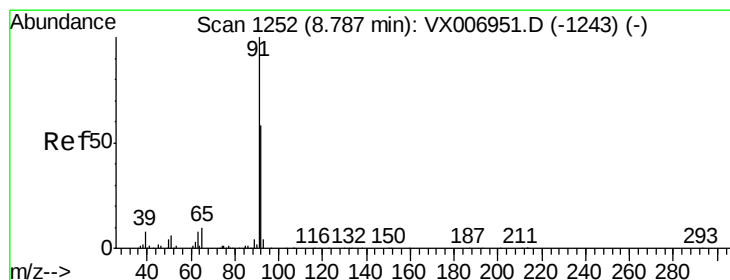
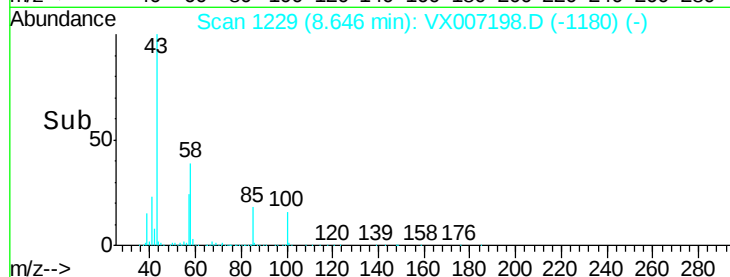
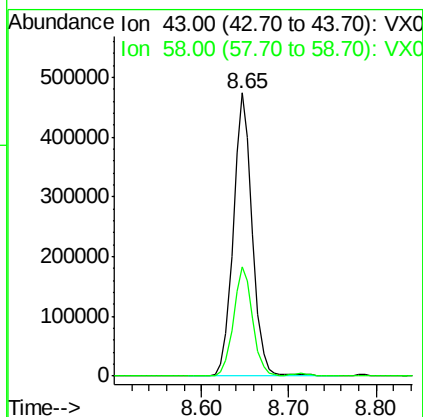
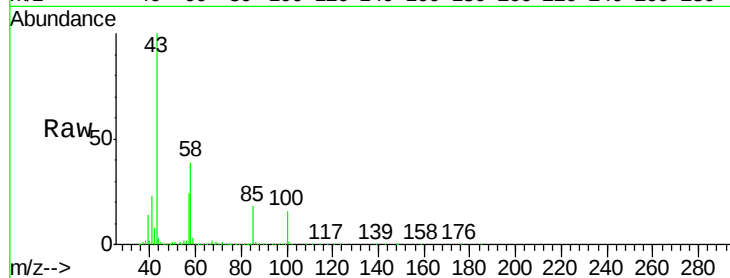




#51
 4-Methyl-2-Pentanone
 Concen: 110.552 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

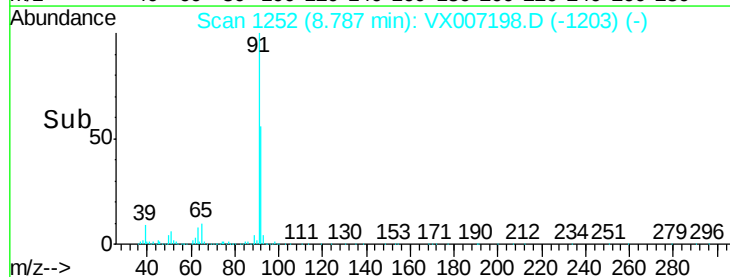
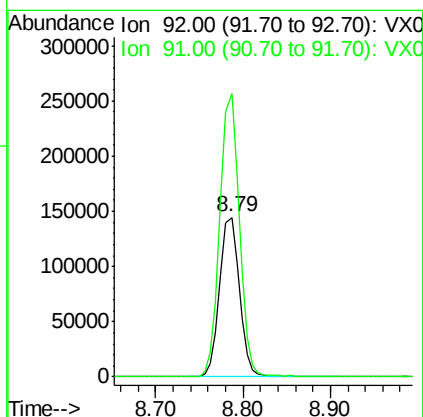
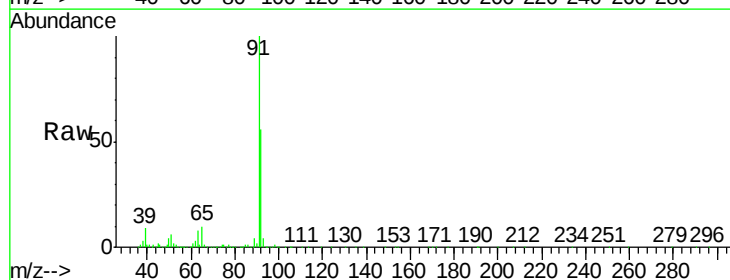
Instrument :
 MSVOA_X
 ClientSampled :
 VX0124WBS01

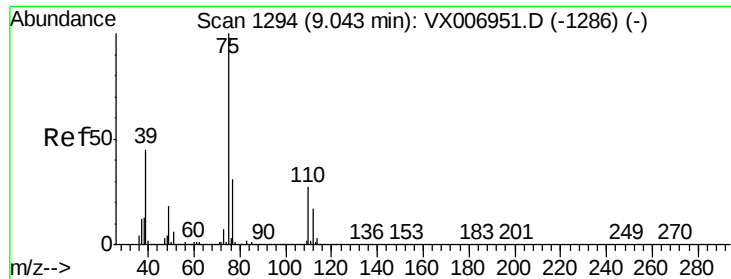
Tot Ion: 43 Resp: 717962
 Ion Ratio Lower Upper
 43 100
 58 38.5 31.8 47.6



#52
 Toluene
 Concen: 19.487 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion: 92 Resp: 228372
 Ion Ratio Lower Upper
 92 100
 91 174.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 19.635 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

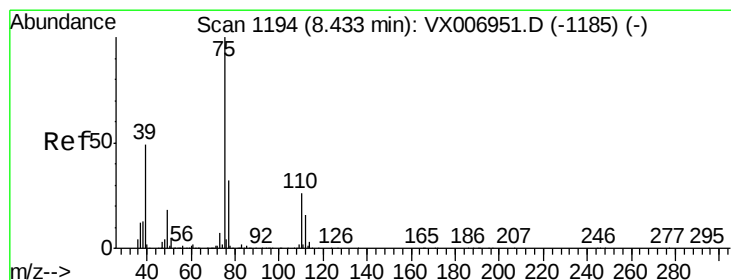
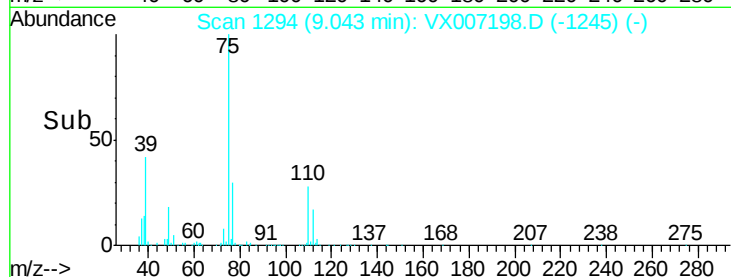
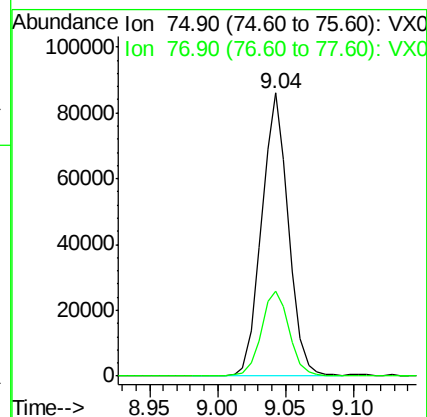
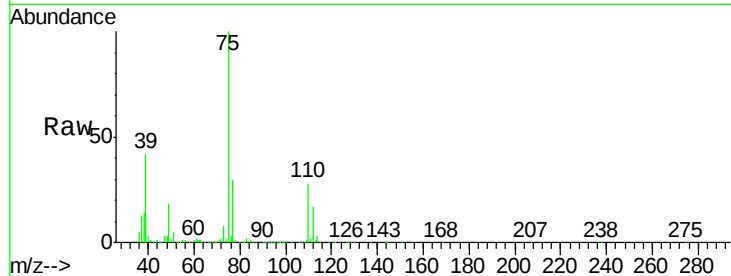
VX0124WBS01

Tot Ion: 75 Resp: 119394

Ion Ratio Lower Upper

75 100

77 29.9 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 19.634 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

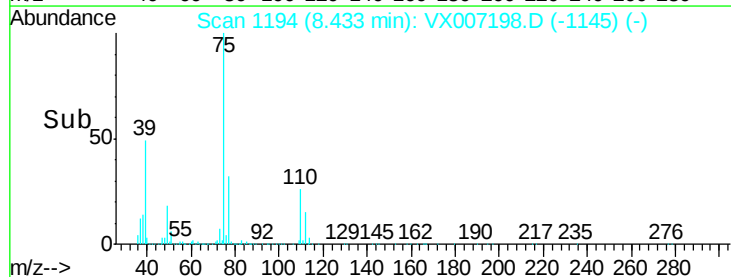
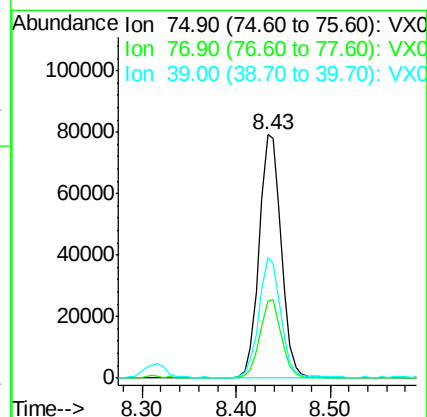
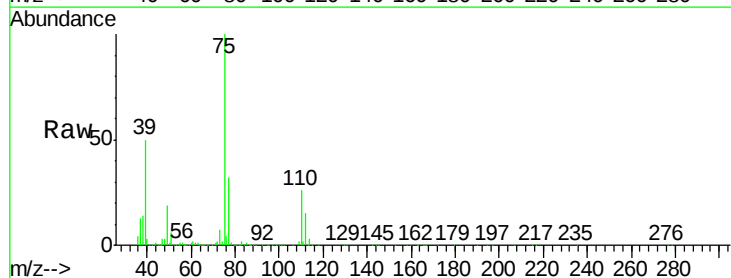
Tgt Ion: 75 Resp: 131844

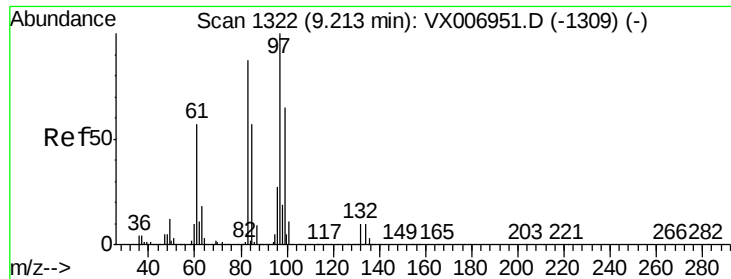
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 49.3 36.7 55.1

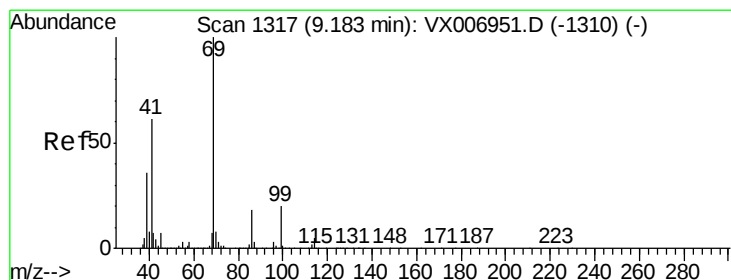
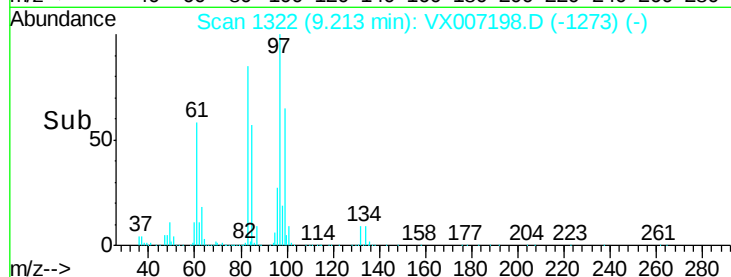
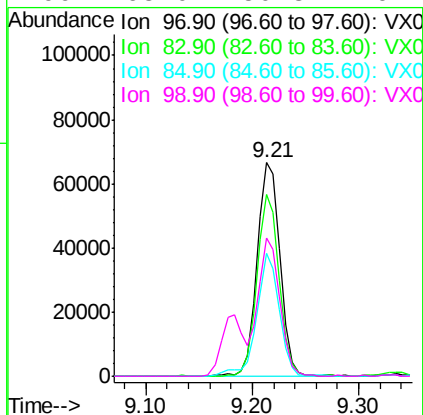
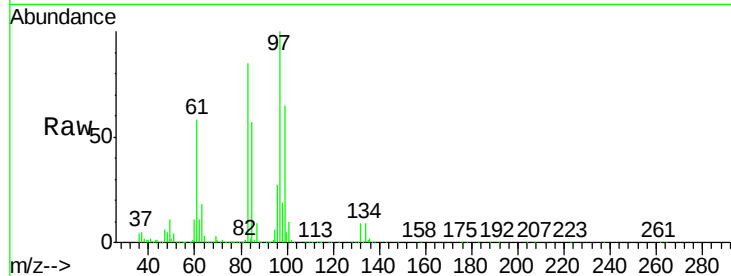




#55
 1,1,2-Trichloroethane
 Concen: 21.530 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

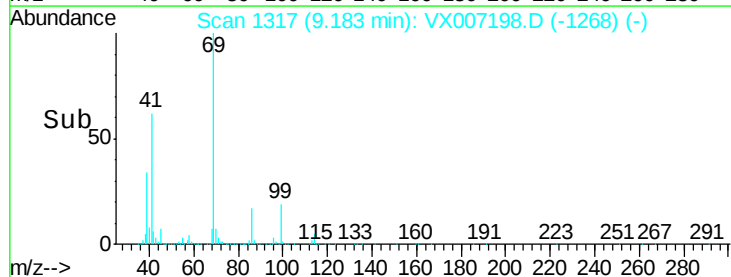
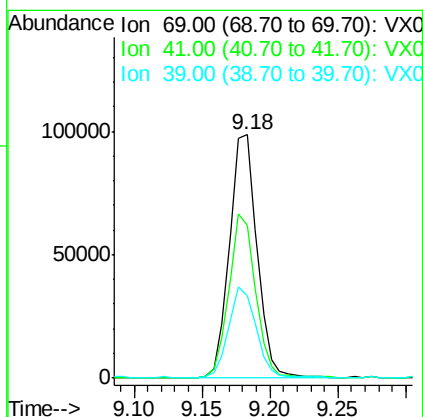
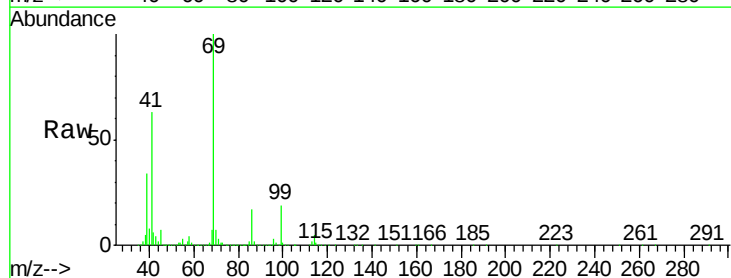
Instrument :
 MSVOA_X
 ClientSampled :
 VX0124WBS01

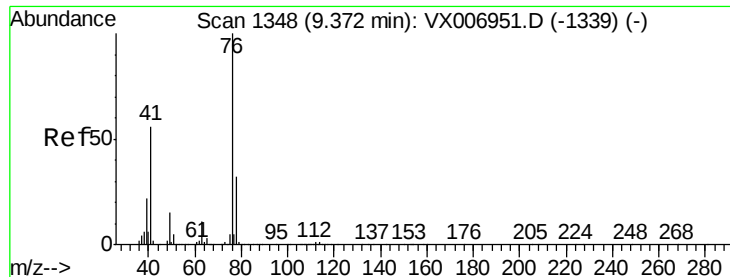
Tot Ion:	97	Resp:	100995
Ion	Ratio	Lower	Upper
97	100		
83	85.1	66.6	99.8
85	57.3	42.7	64.1
99	65.0	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 20.367 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion:	69	Resp:	139472
Ion	Ratio	Lower	Upper
69	100		
41	65.3	48.7	73.1
39	37.5	27.0	40.6





#57

1,3-Dichloropropane

Concen: 20.989 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

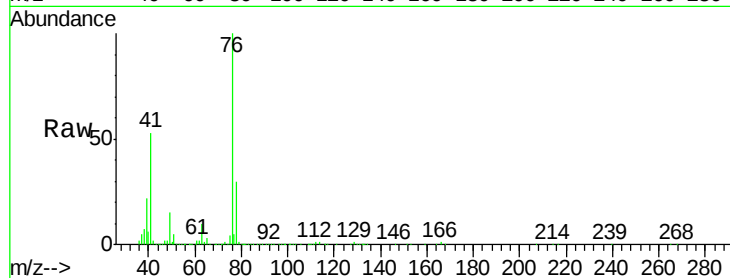
VX0124WBS01

Tot Ion: 76 Resp: 161302

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

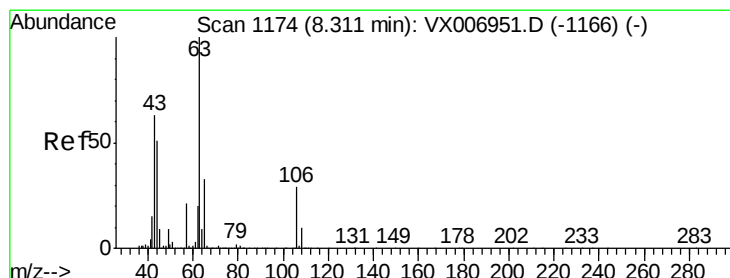
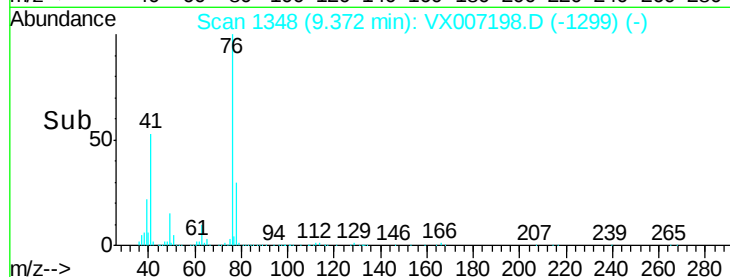
100000

50000

0

Time-->

9.30 9.35 9.40 9.45



#58

2-Chloroethyl Vinyl ether

Concen: 100.041 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX007198.D

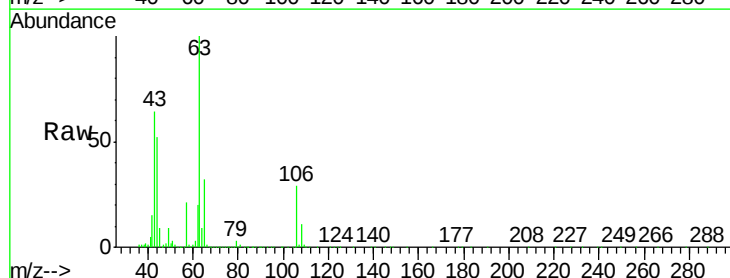
Acq: 24 Jan 2019 12:49

Tgt Ion: 63 Resp: 352242

Ion Ratio Lower Upper

63 100

106 30.7 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

250000

200000

150000

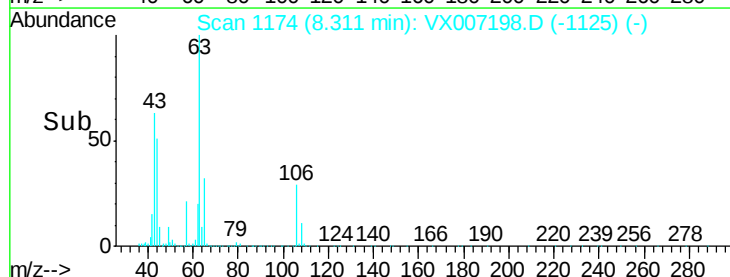
100000

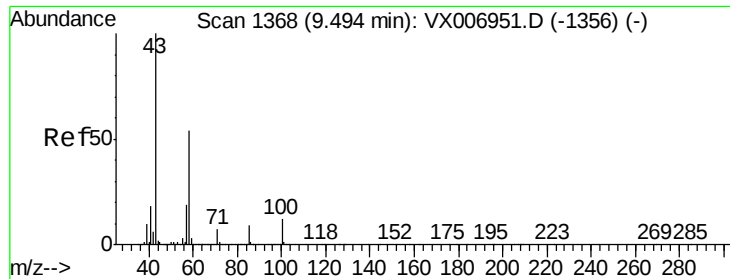
50000

0

Time-->

8.20 8.30 8.40

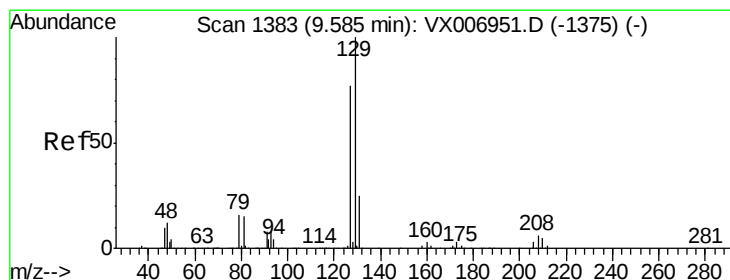
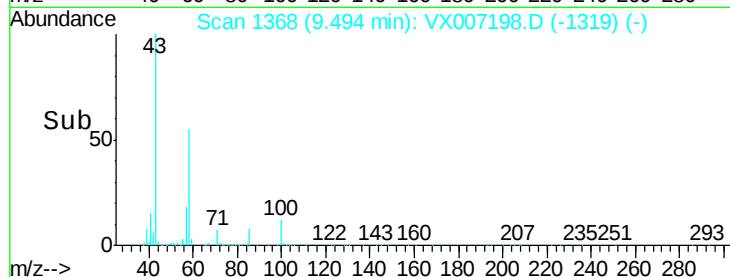
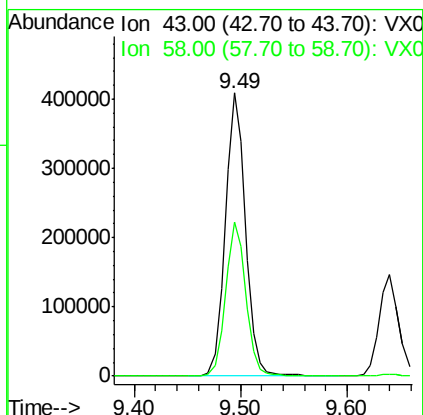
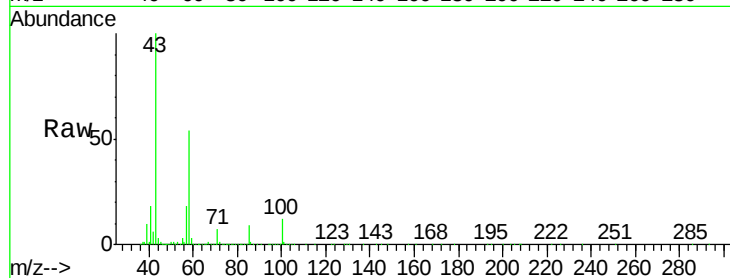




#59
2-Hexanone
Concen: 109.401 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

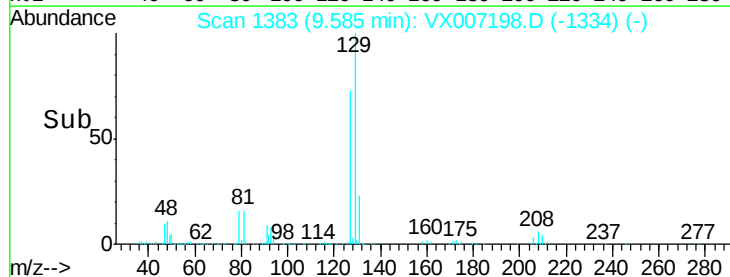
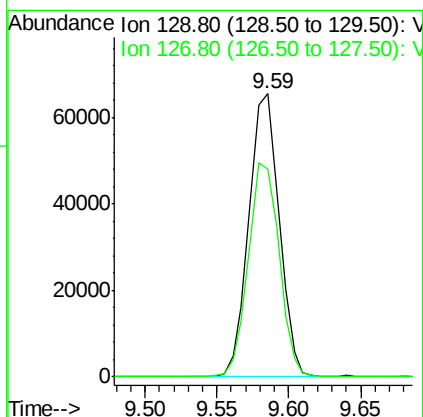
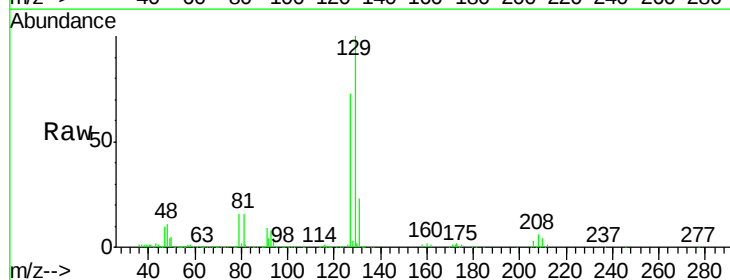
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

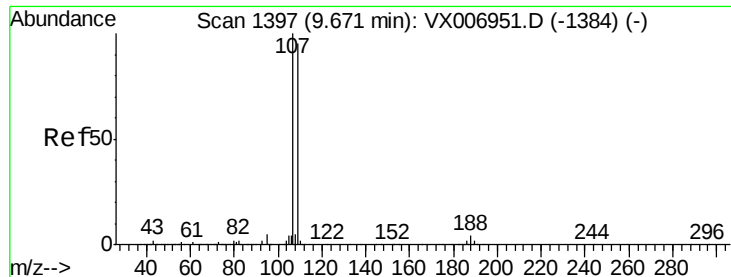
Tot Ion: 43 Resp: 541433
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1



#60
Dibromochloromethane
Concen: 20.988 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 129 Resp: 95601
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 20.459 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

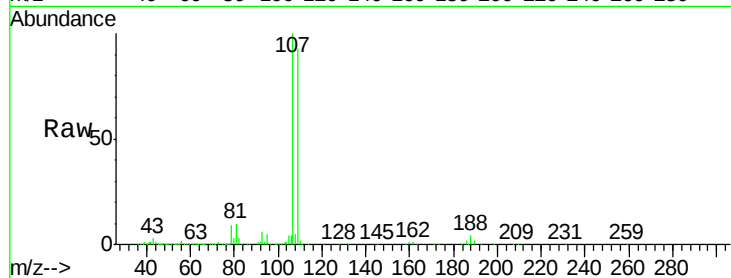
VX0124WBS01

Tot Ion:107 Resp: 105653

Ion Ratio Lower Upper

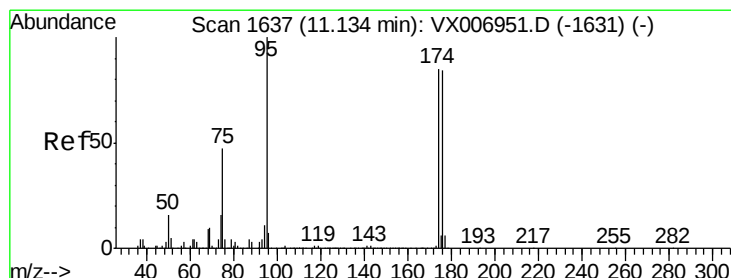
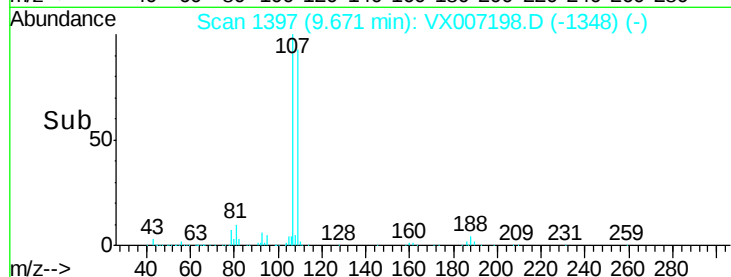
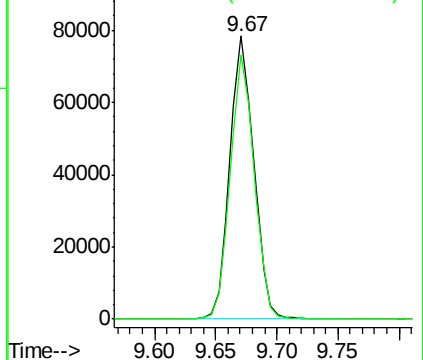
107 100

109 94.1 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: 50.811 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

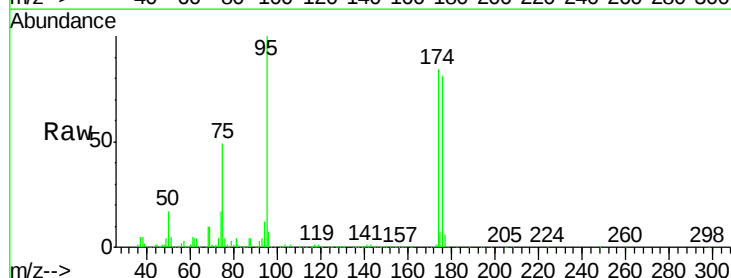
Tgt Ion: 95 Resp: 285392

Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

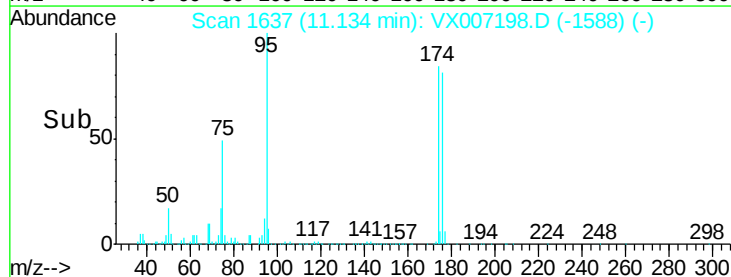
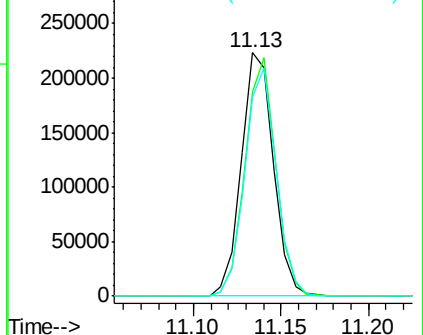
176 91.6 0.0 178.8

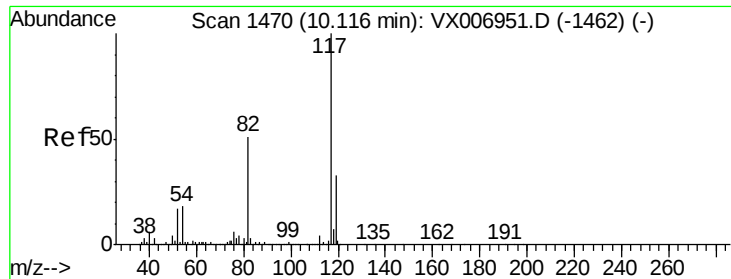


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

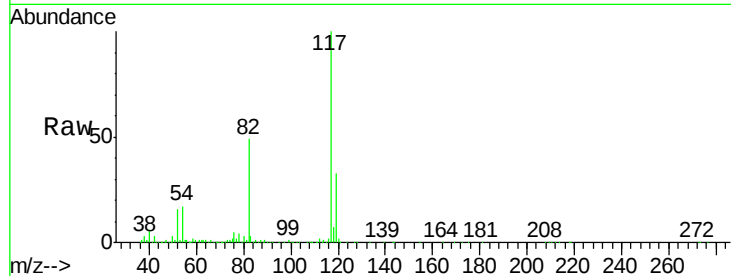




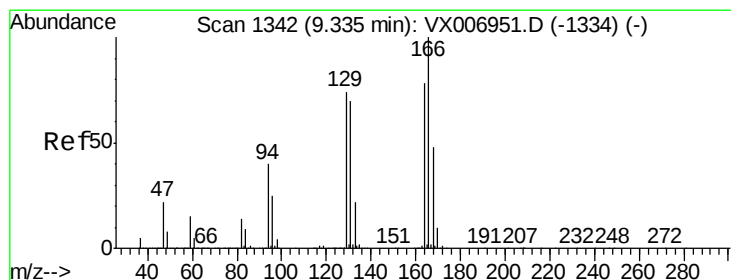
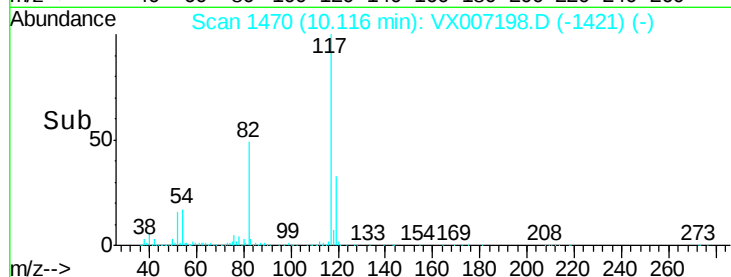
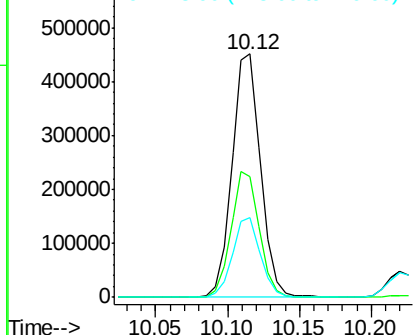
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

Tot Ion:117 Resp: 624413
Ion Ratio Lower Upper
117 100
82 49.4 41.0 61.6
119 32.5 25.4 38.0

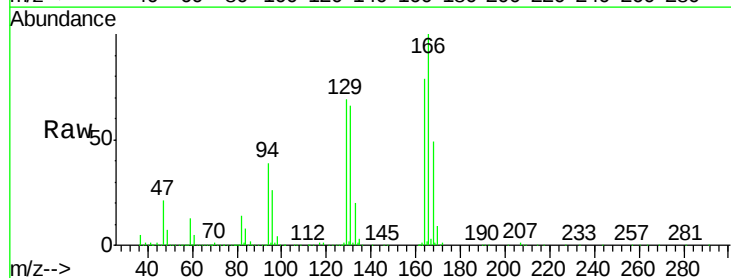


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

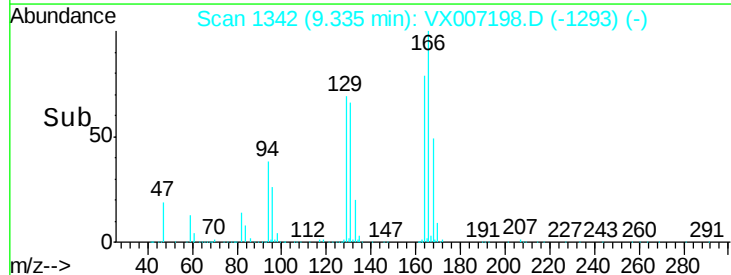
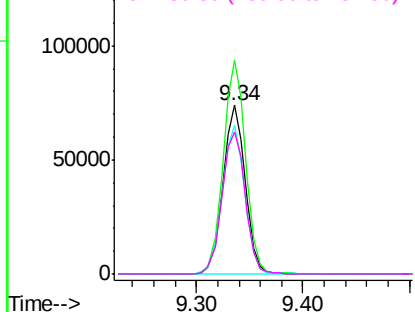


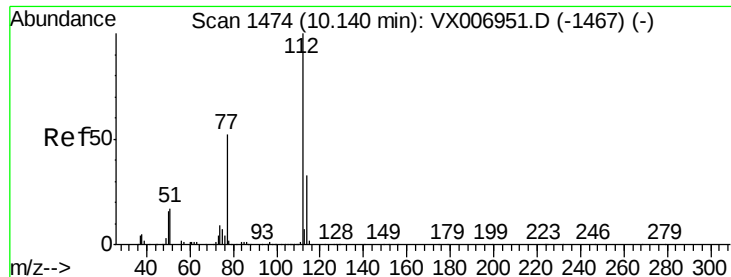
#64
Tetrachloroethene
Concen: 19.851 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion:164 Resp: 107312
Ion Ratio Lower Upper
164 100
166 126.7 102.5 153.7
129 88.0 75.1 112.7
131 84.1 72.7 109.1



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.599 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

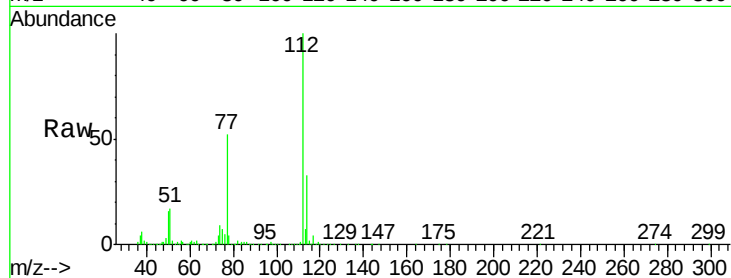
VX0124WBS01

Tot Ion:112 Resp: 266918

Ion Ratio Lower Upper

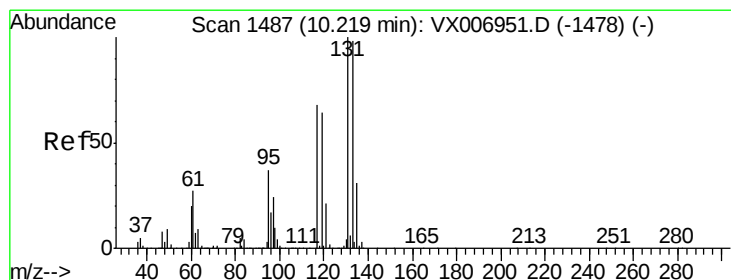
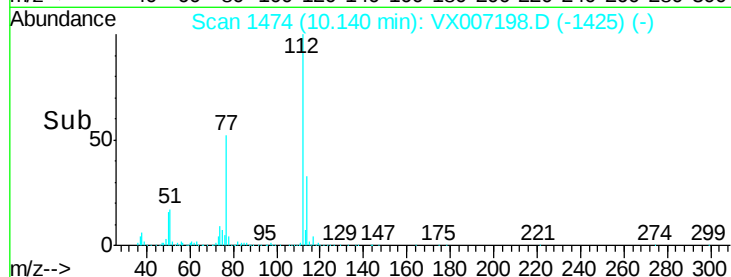
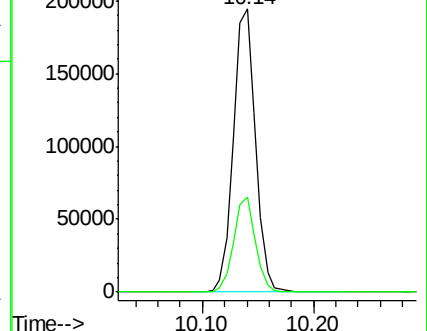
112 100

114 33.4 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: 21.004 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

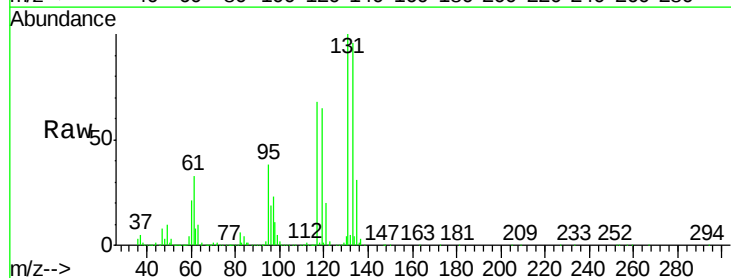
Tgt Ion:131 Resp: 96228

Ion Ratio Lower Upper

131 100

133 95.8 48.0 144.2

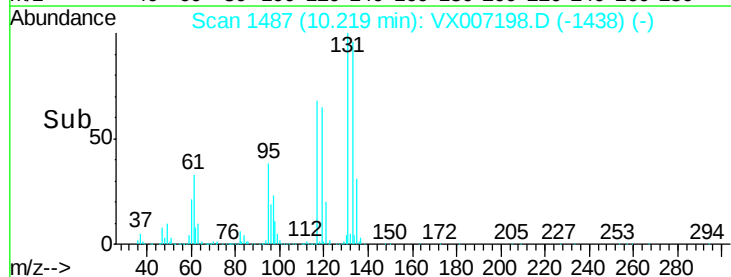
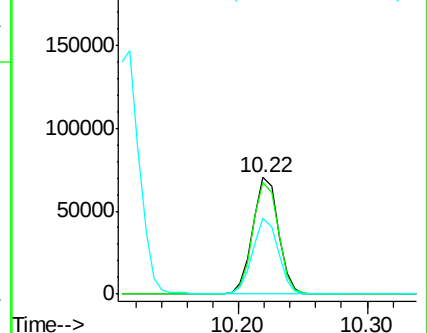
119 64.2 32.6 97.8

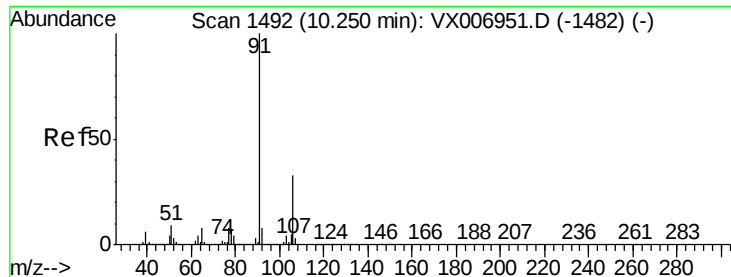


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.009 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

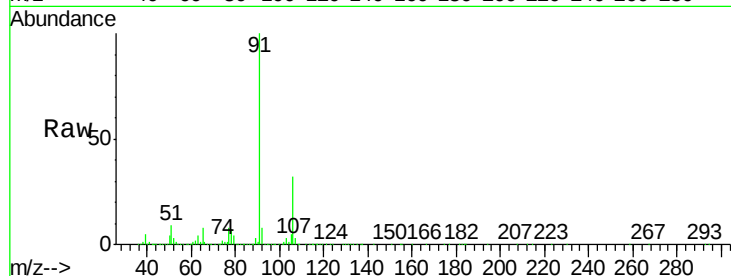
VX0124WBS01

Tot Ion: 91 Resp: 427388

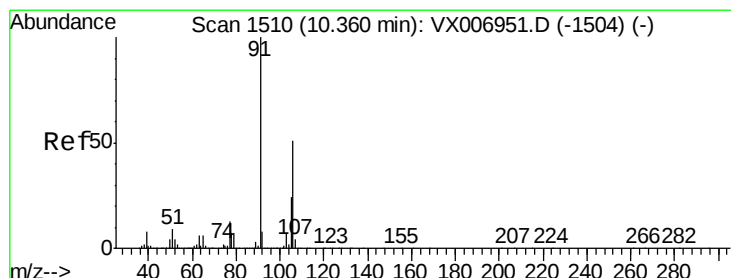
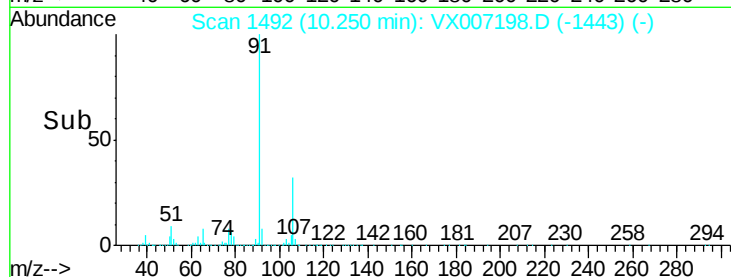
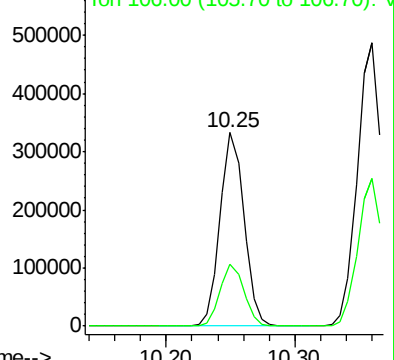
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



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



#68

m/p-Xylenes

Concen: 38.156 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007198.D

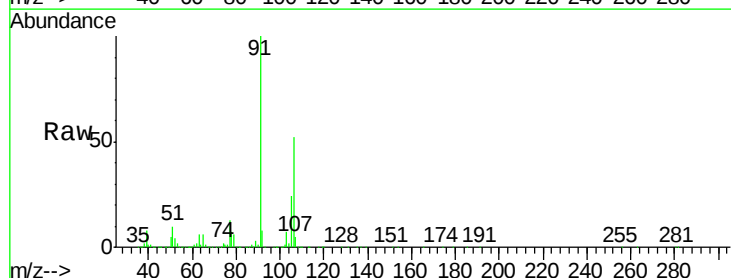
Acq: 24 Jan 2019 12:49

Tgt Ion: 106 Resp: 337982

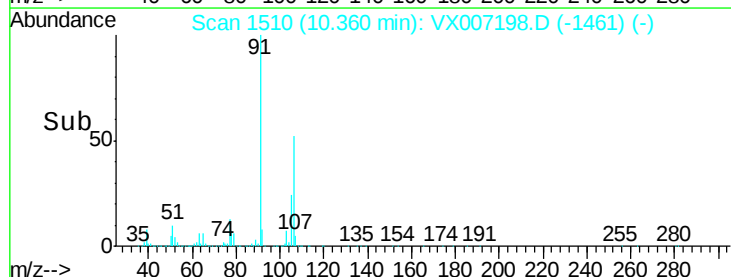
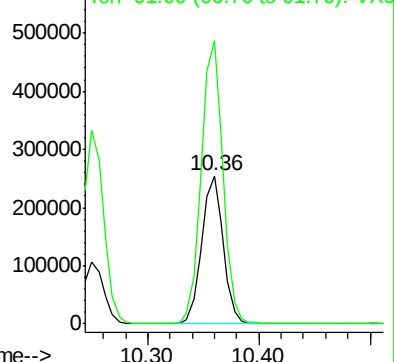
Ion Ratio Lower Upper

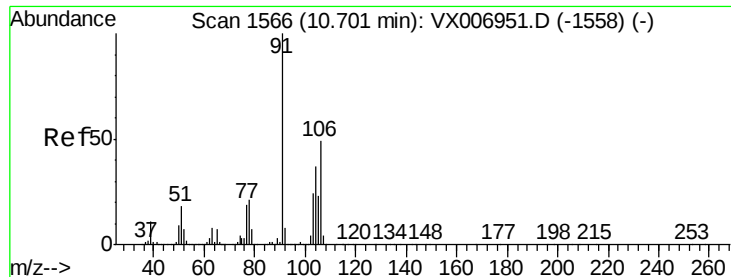
106 100

91 193.0 155.8 233.6



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

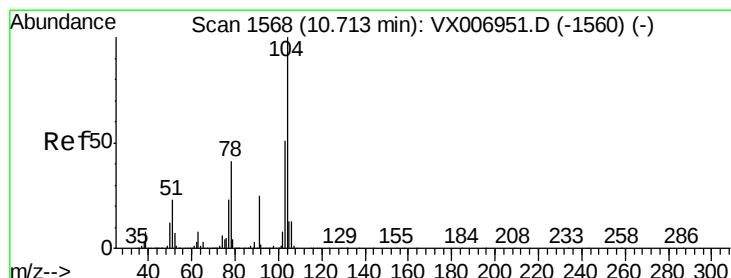
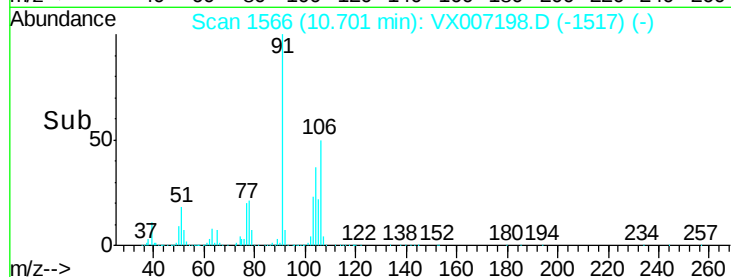
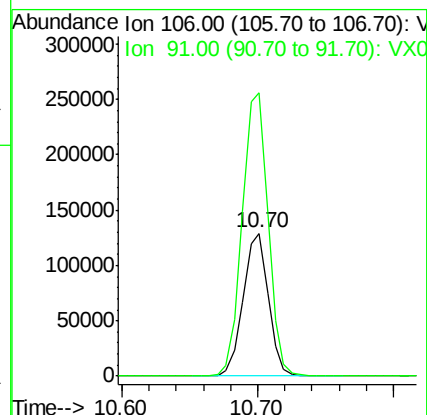
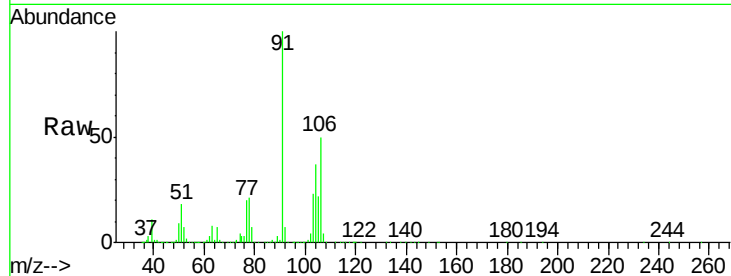




#69
o-Xylene
Concen: 19.272 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

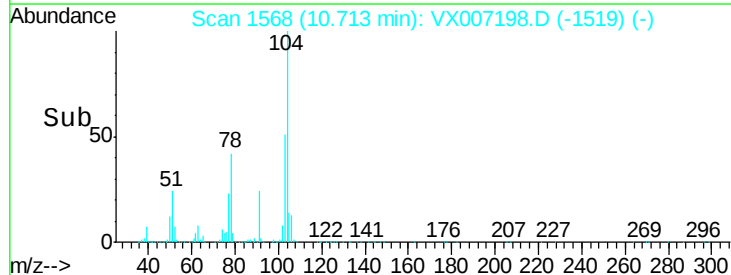
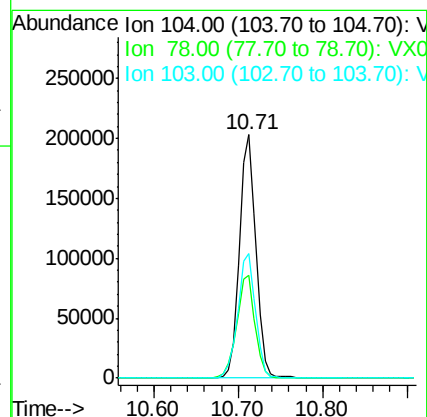
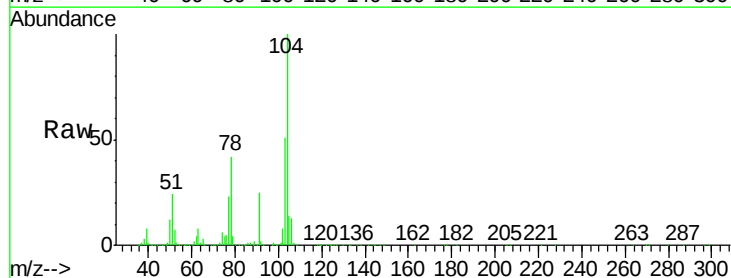
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

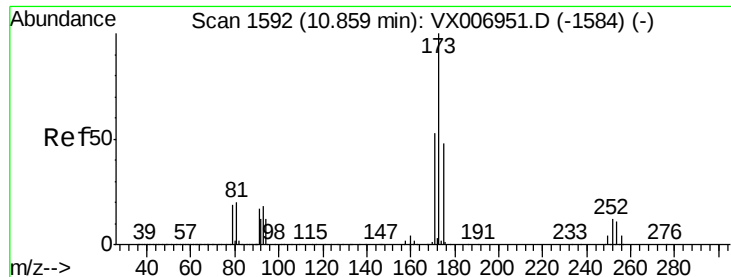
Tot Ion:106 Resp: 166489
Ion Ratio Lower Upper
106 100
91 204.1 101.3 303.7



#70
Styrene
Concen: 19.514 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion:104 Resp: 266983
Ion Ratio Lower Upper
104 100
78 47.3 37.7 56.5
103 56.0 43.8 65.8





#71

Bromoform

Concen: 20.249 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

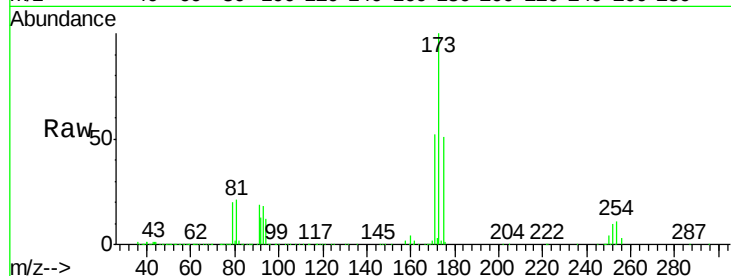
Tot Ion:173 Resp: 70261

Ion Ratio Lower Upper

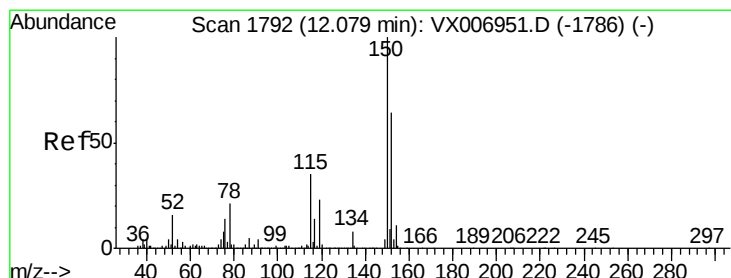
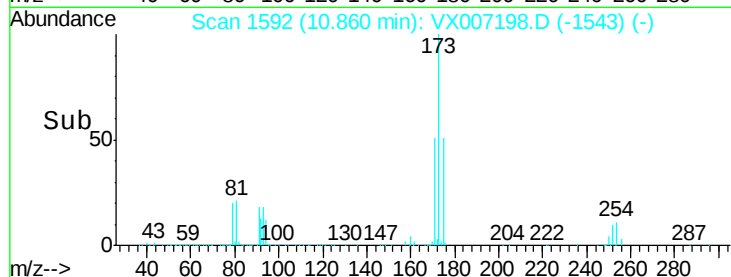
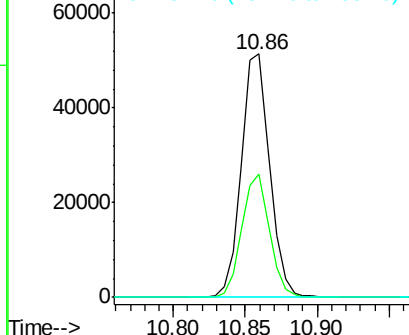
173 100

175 49.1 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: VX007198.D

Acq: 24 Jan 2019 12:49

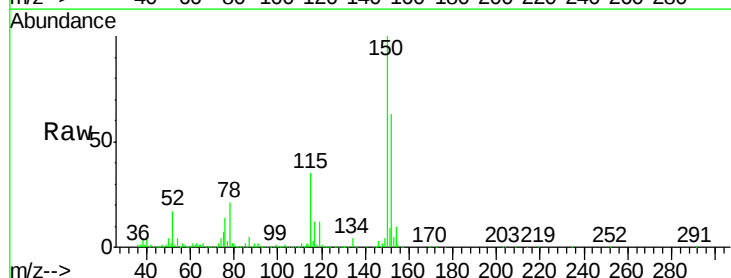
Tgt Ion:152 Resp: 315146

Ion Ratio Lower Upper

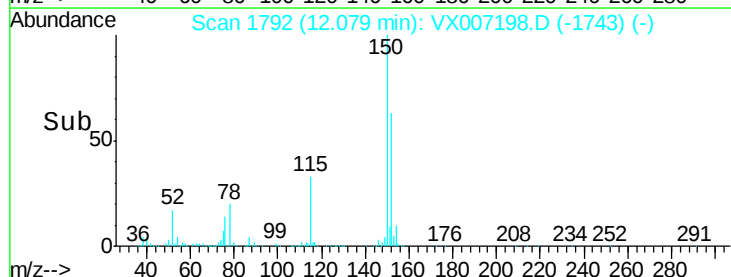
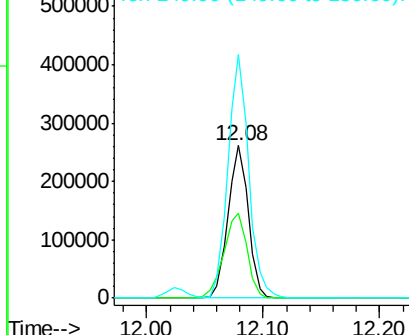
152 100

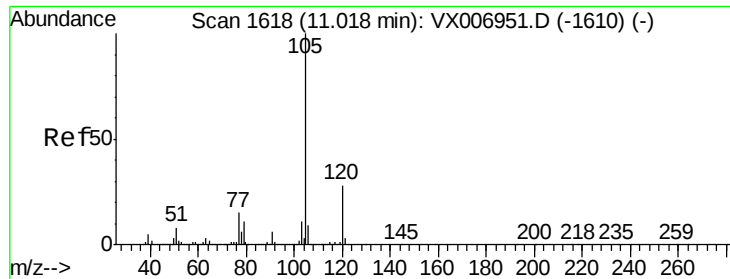
115 63.9 39.1 117.2

150 164.3 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: 19.889 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

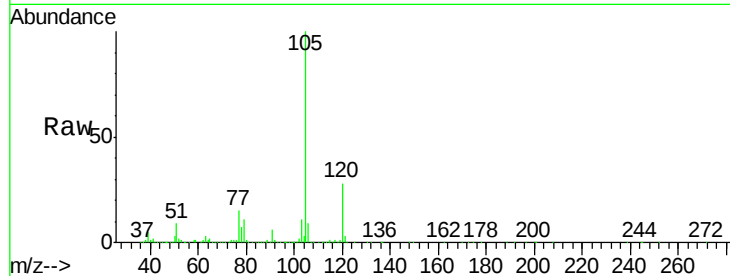
VX0124WBS01

Tot Ion:105 Resp: 441975

Ion Ratio Lower Upper

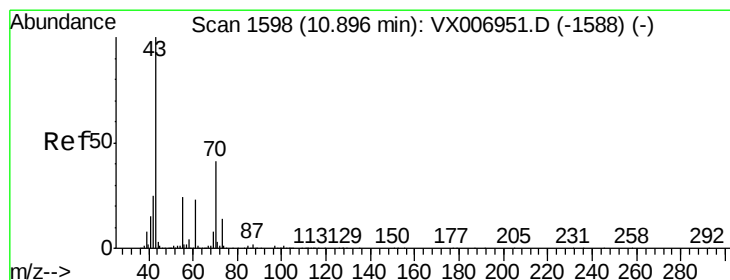
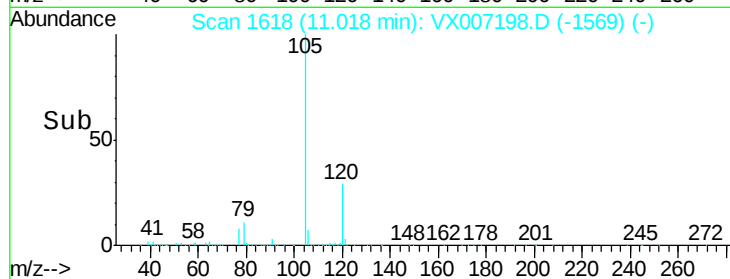
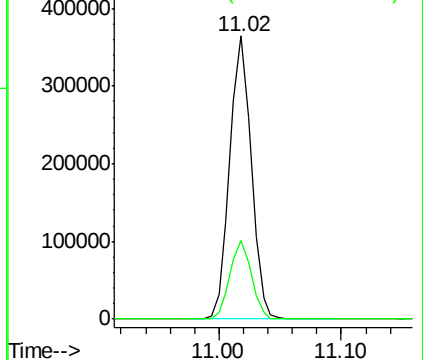
105 100

120 27.8 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.950 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Tgt Ion: 43 Resp: 178493

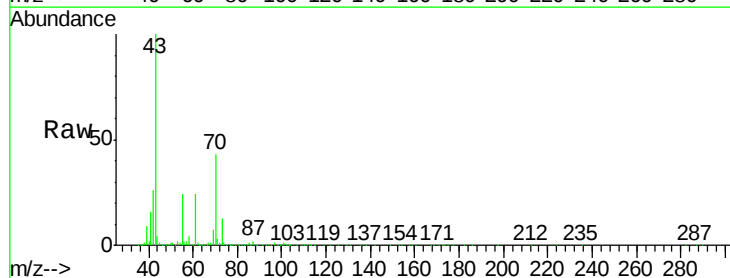
Ion Ratio Lower Upper

43 100

70 43.5 35.8 53.8

55 25.1 19.4 29.0

61 24.7 20.1 30.1

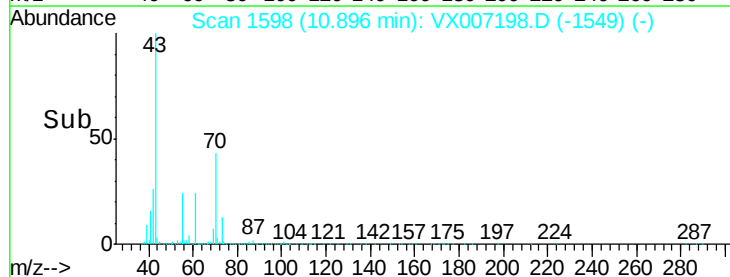
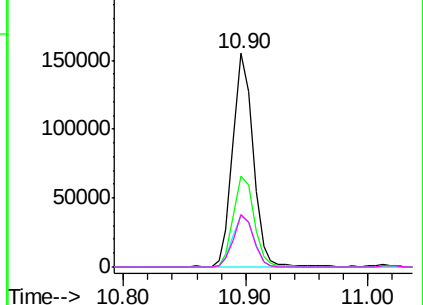


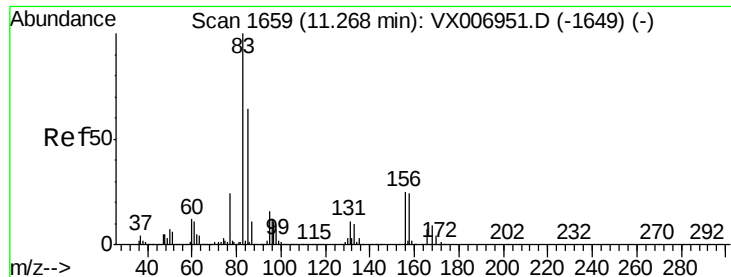
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.342 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

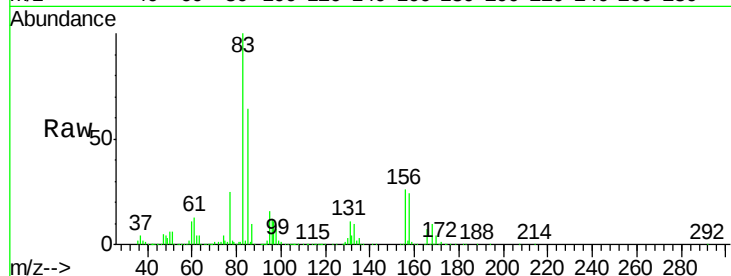
Tot Ion: 83 Resp: 150567

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.1

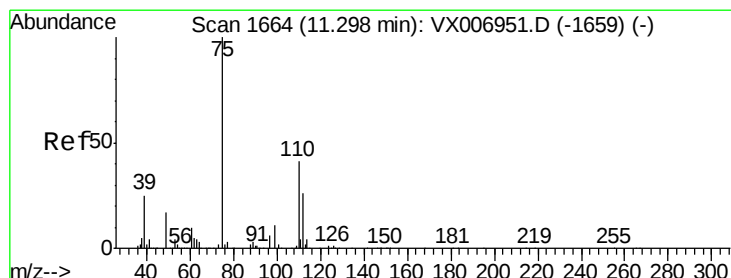
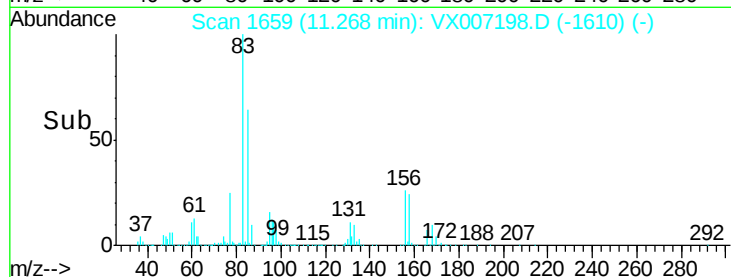
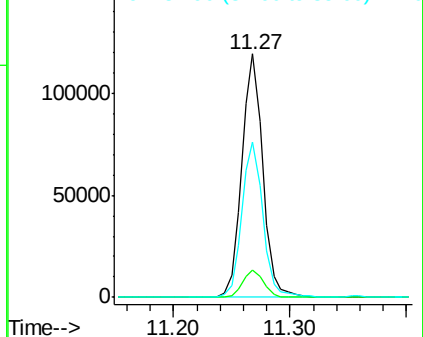
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.056 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX007198.D

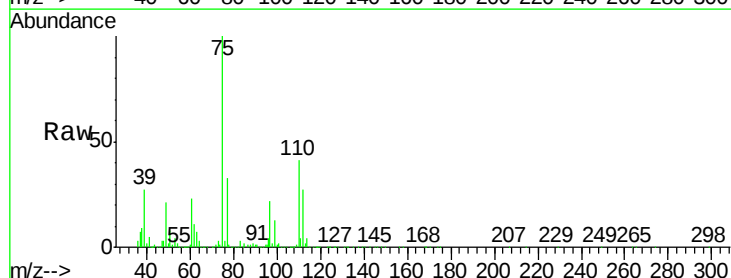
Acq: 24 Jan 2019 12:49

Tgt Ion: 75 Resp: 160017

Ion Ratio Lower Upper

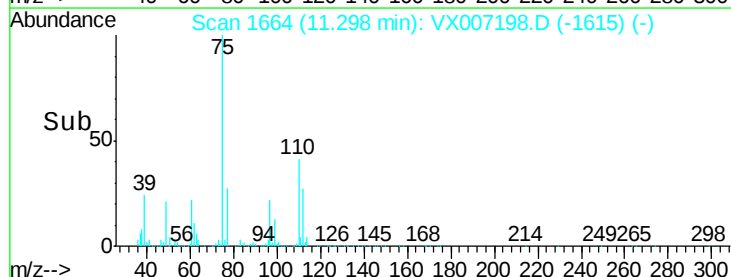
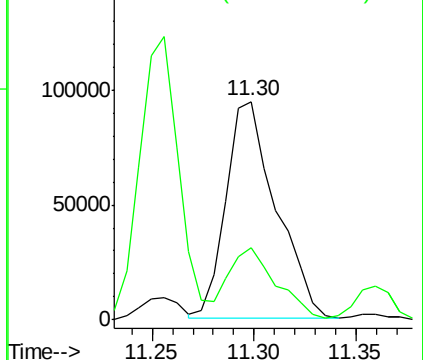
75 100

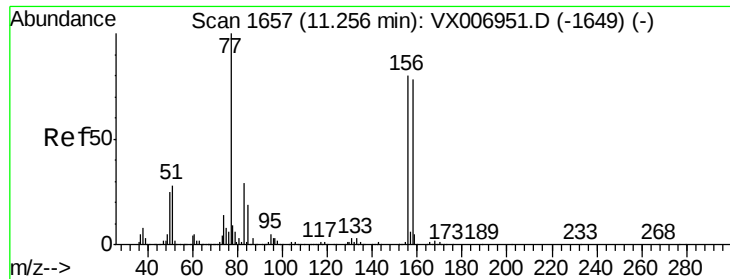
77 31.2 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.934 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

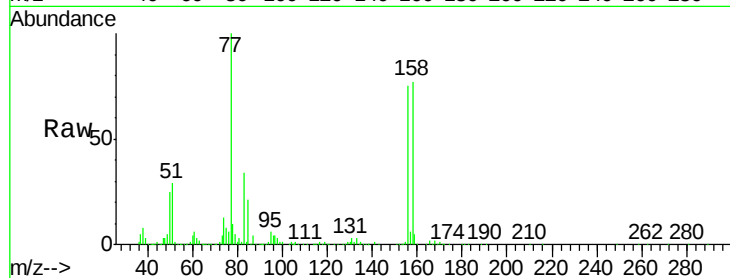
Tot Ion:156 Resp: 122055

Ion Ratio Lower Upper

156 100

77 135.1 68.0 204.0

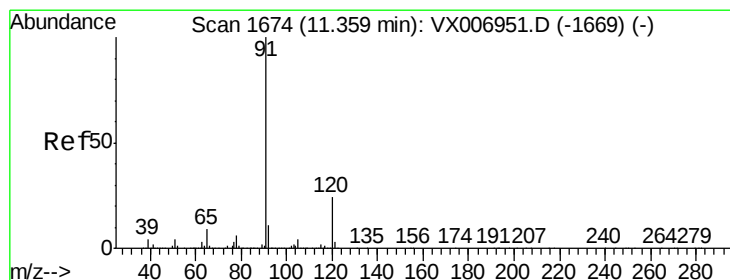
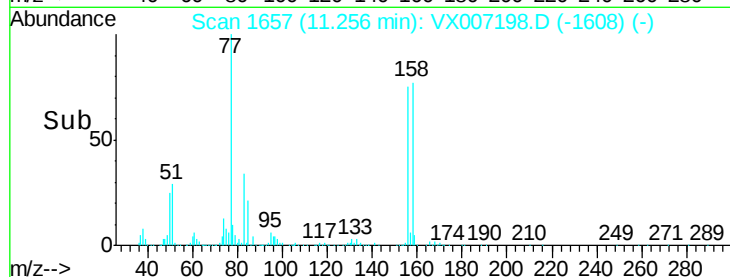
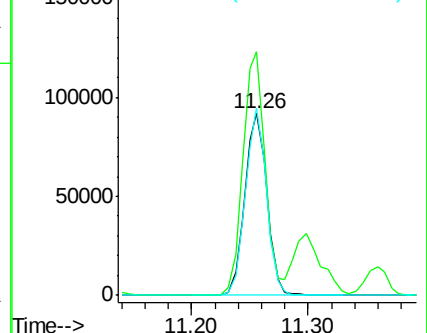
158 97.8 48.3 144.8



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: 19.854 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007198.D

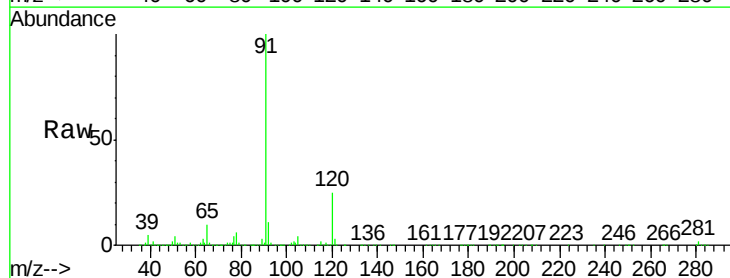
Acq: 24 Jan 2019 12:49

Tgt Ion: 91 Resp: 484331

Ion Ratio Lower Upper

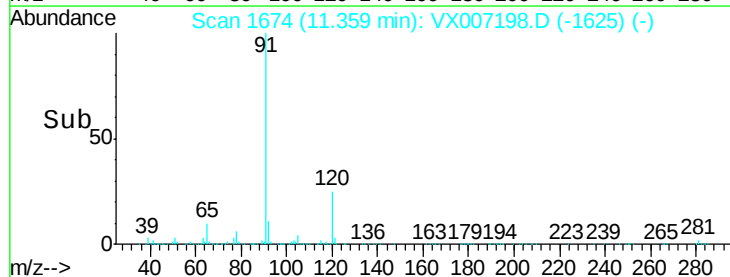
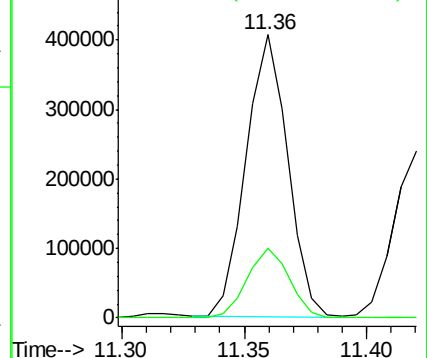
91 100

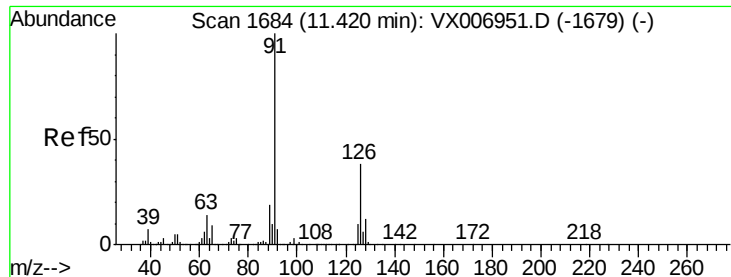
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.974 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

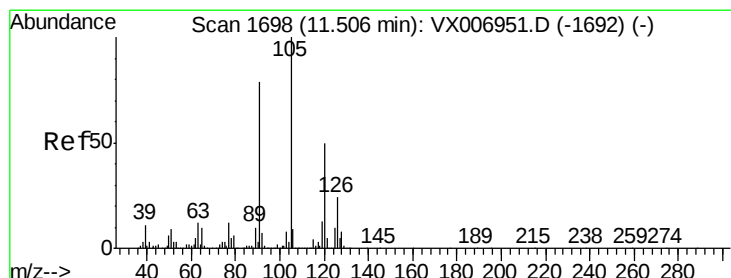
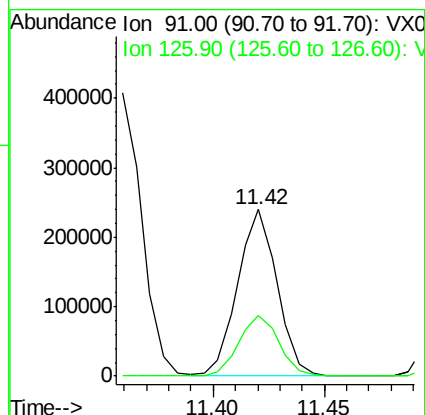
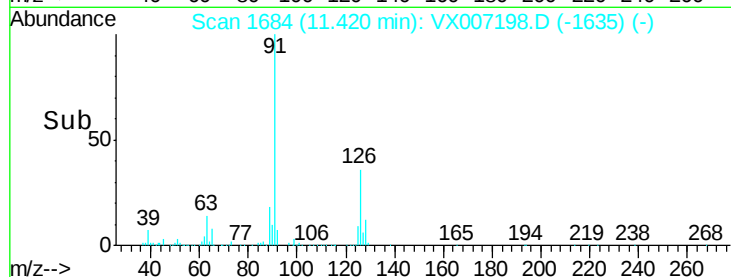
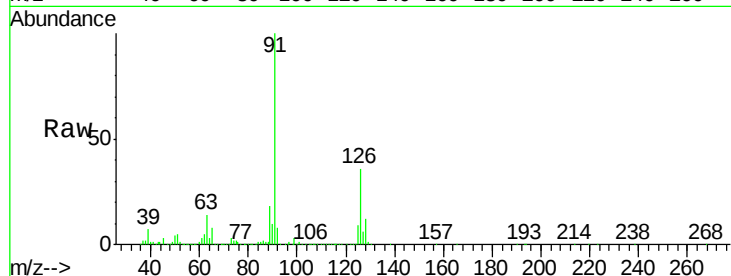
VX0124WBS01

Tot Ion: 91 Resp: 293322

Ion Ratio Lower Upper

91 100

126 37.6 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 19.316 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007198.D

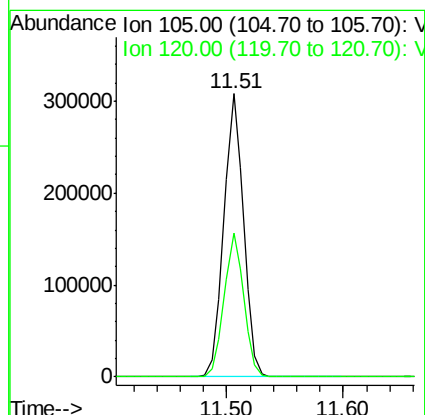
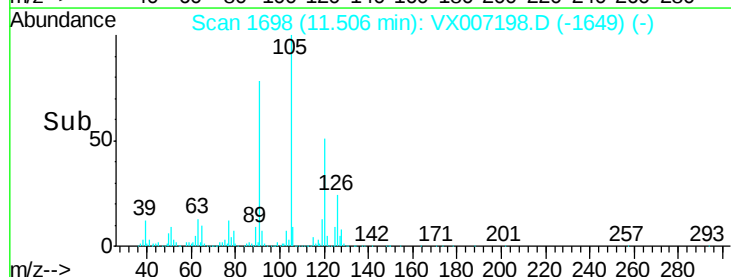
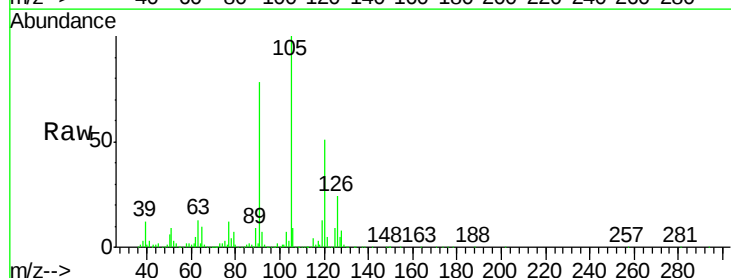
Acq: 24 Jan 2019 12:49

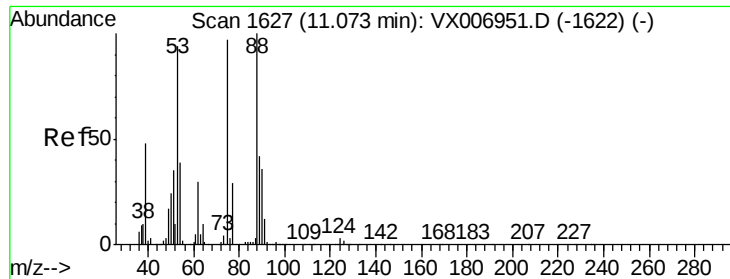
Tgt Ion: 105 Resp: 358668

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.427 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampled :

VX0124WBS01

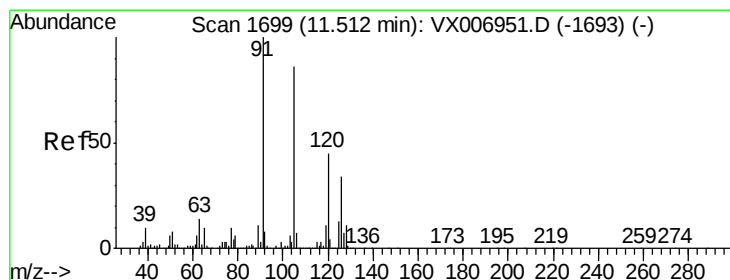
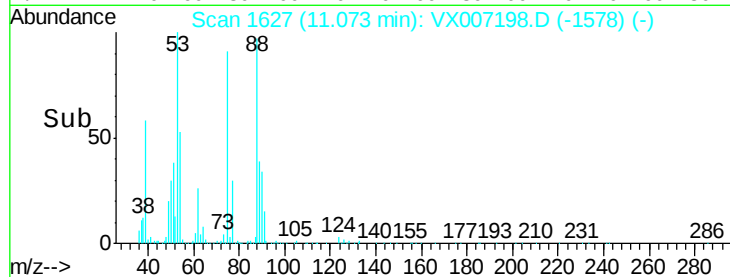
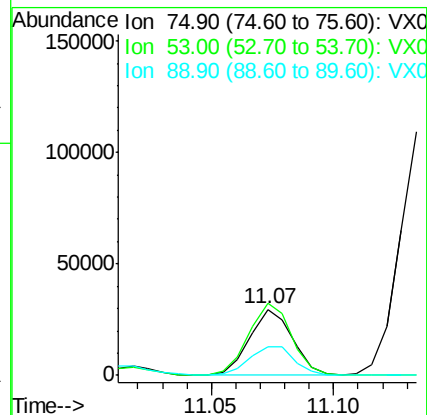
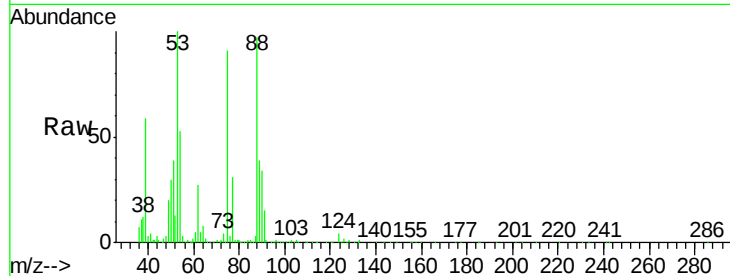
Tot Ion: 75 Resp: 35817

Ion Ratio Lower Upper

75 100

53 110.3 79.7 119.5

89 46.6 38.0 57.0



#82

4-Chlorotoluene

Concen: 19.497 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX007198.D

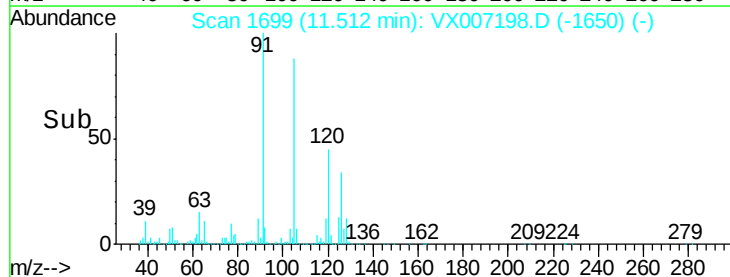
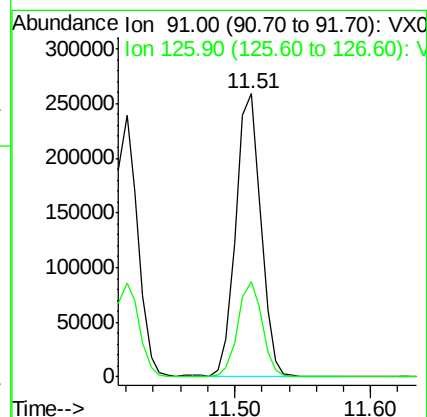
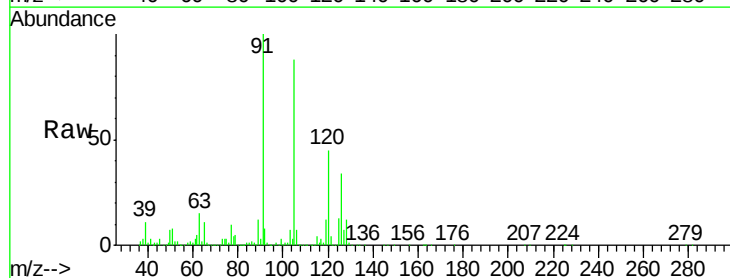
Acq: 24 Jan 2019 12:49

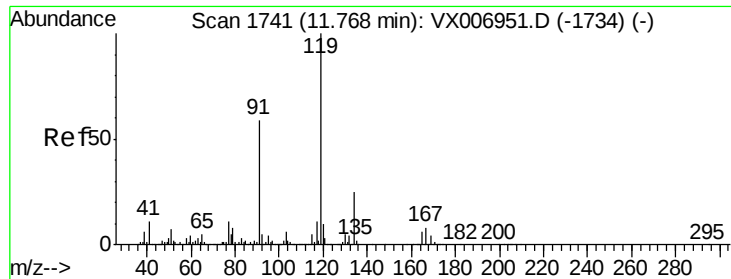
Tgt Ion: 91 Resp: 331500

Ion Ratio Lower Upper

91 100

126 32.6 16.3 48.9





#83

tert-Butylbenzene

Concen: 19.808 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

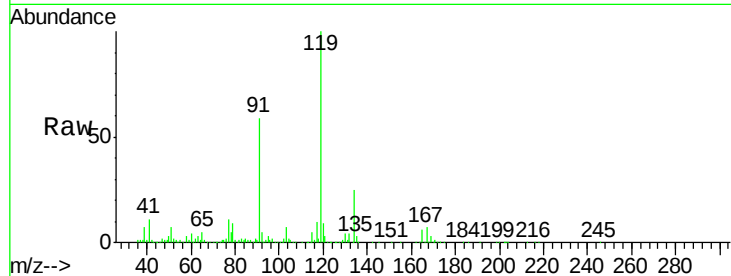
Tot Ion:119 Resp: 366966

Ion Ratio Lower Upper

119 100

91 55.3 27.7 83.1

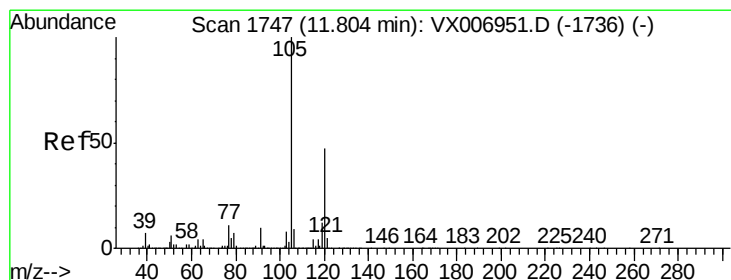
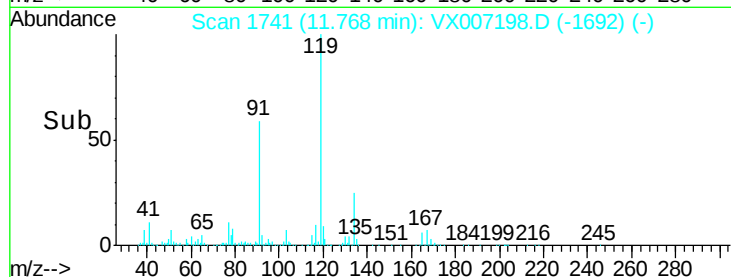
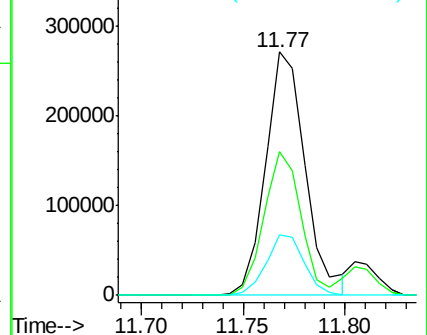
134 23.8 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.976 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX007198.D

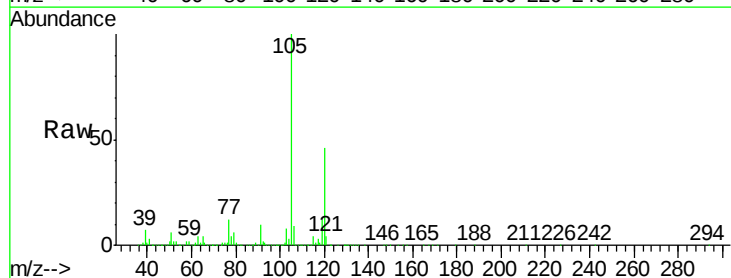
Acq: 24 Jan 2019 12:49

Tgt Ion:105 Resp: 372995

Ion Ratio Lower Upper

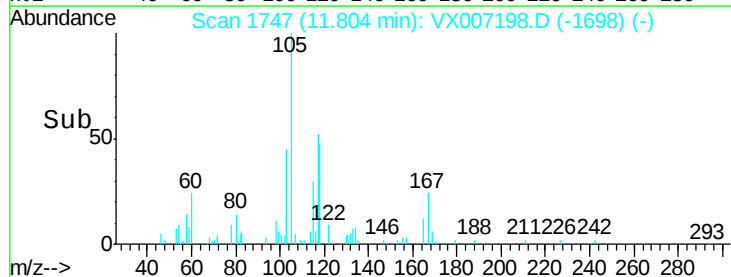
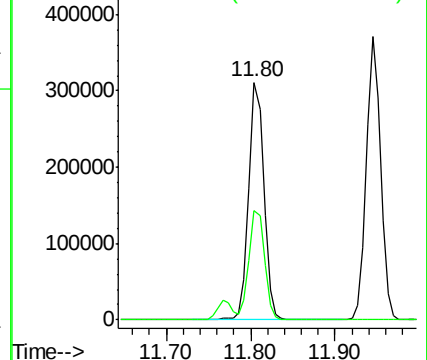
105 100

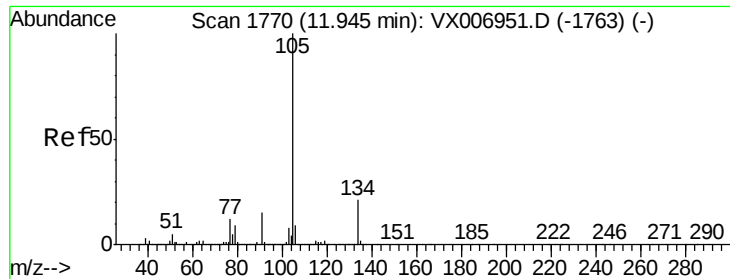
120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.929 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

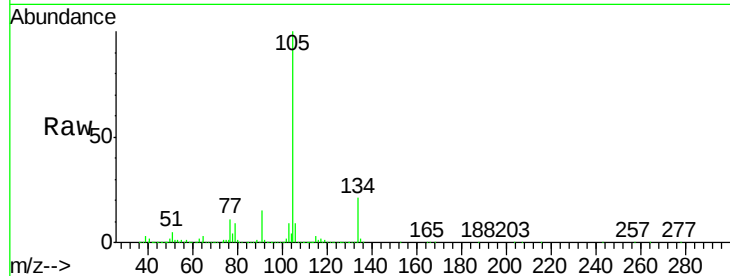
VX0124WBS01

Tot Ion:105 Resp: 440935

Ion Ratio Lower Upper

105 100

134 21.3 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

400000

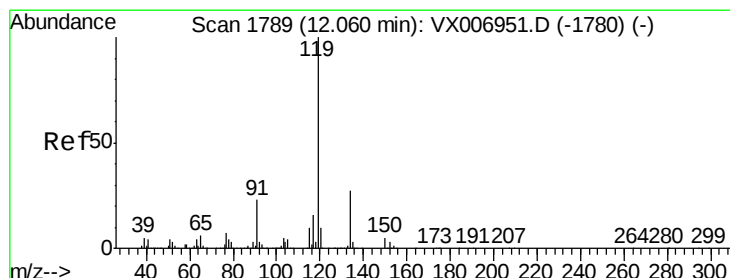
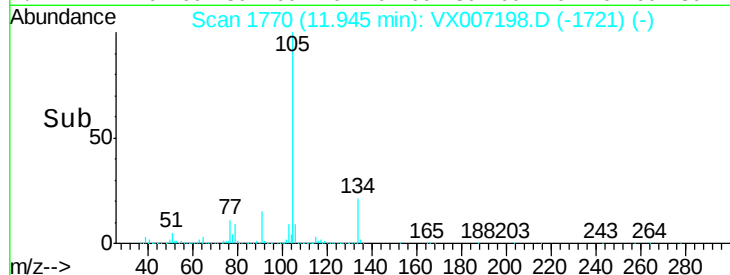
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 19.671 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

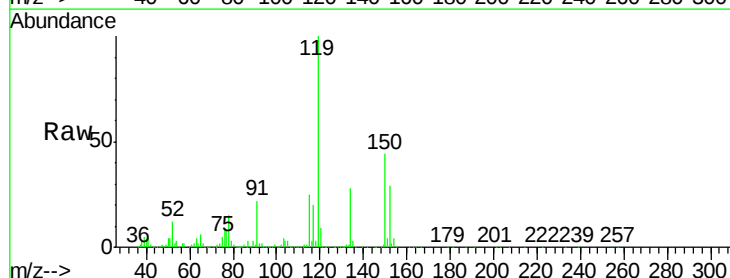
Tgt Ion:119 Resp: 389294

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.7 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

400000

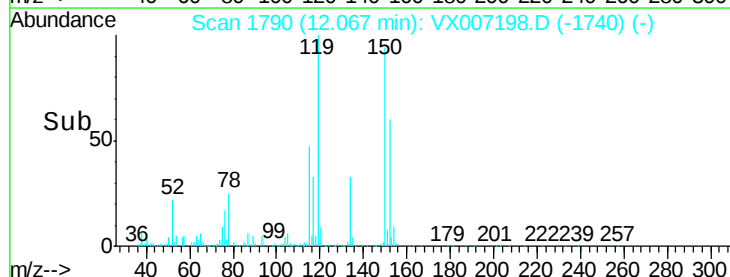
300000

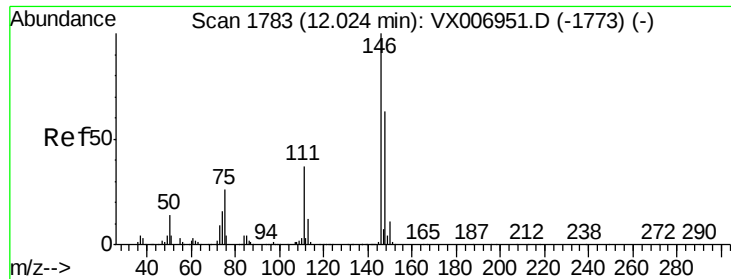
200000

100000

0

Time-->

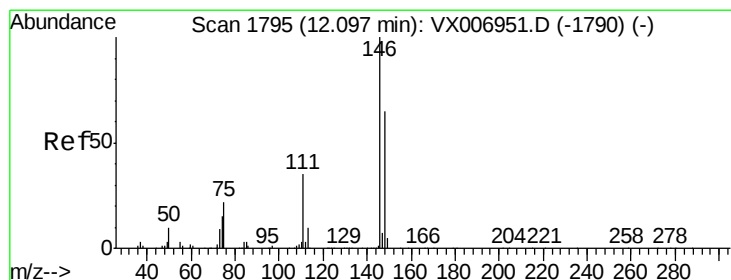
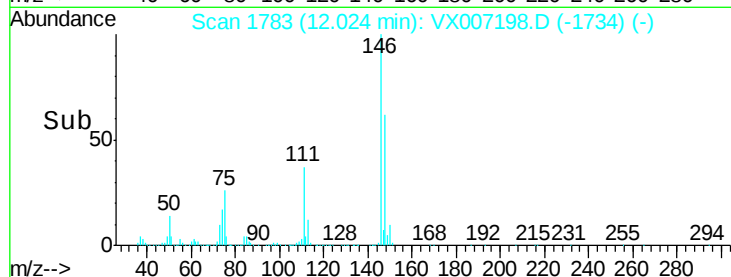
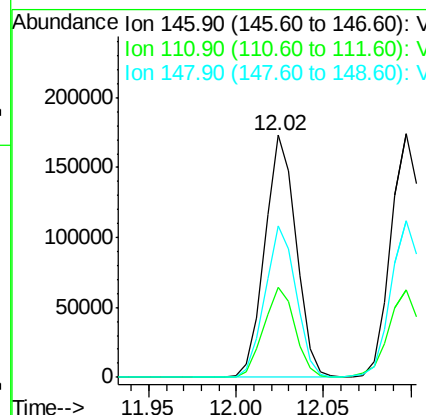
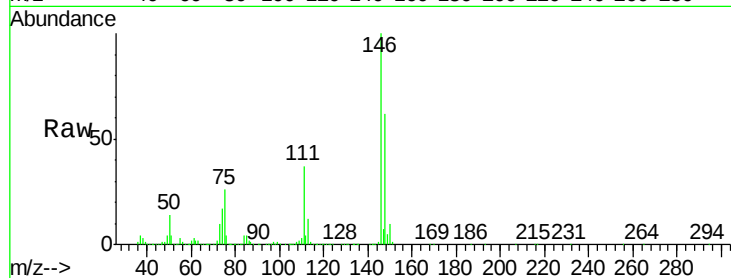




#87
 1,3-Dichlorobenzene
 Concen: 19.498 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

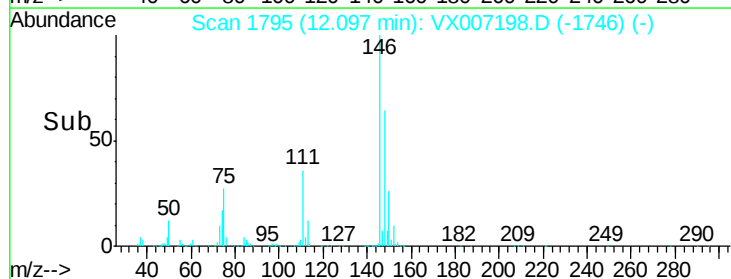
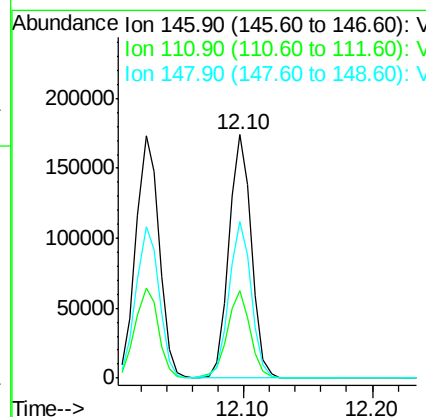
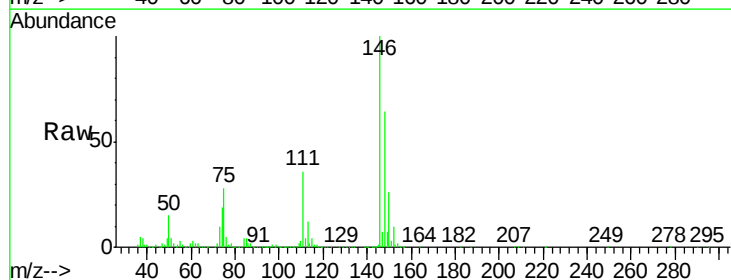
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

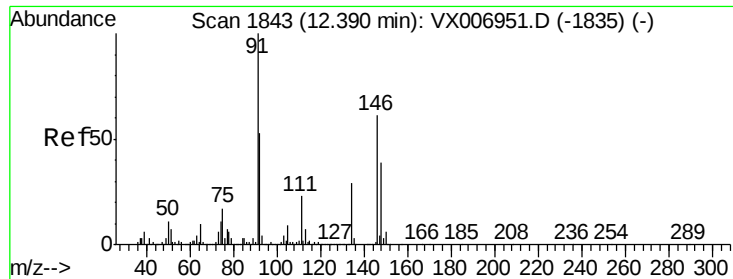
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.8
148	62.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.551 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	63.9	31.9	95.9

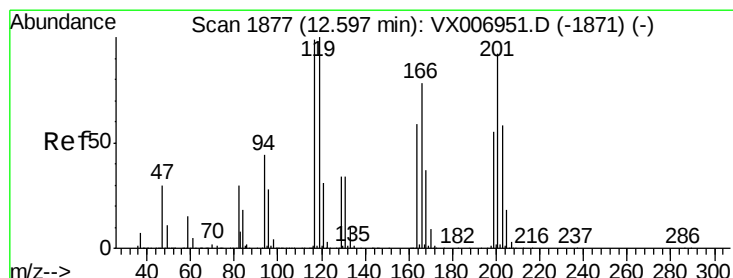
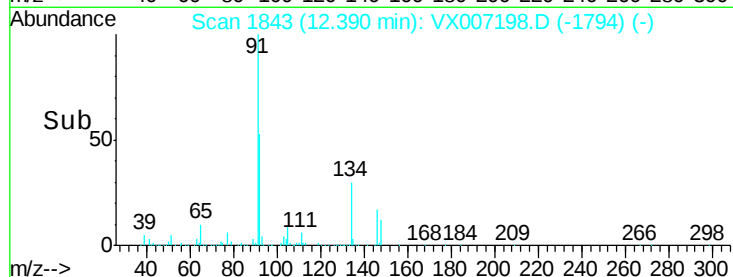
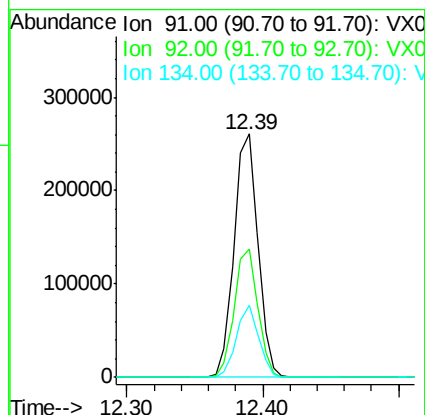
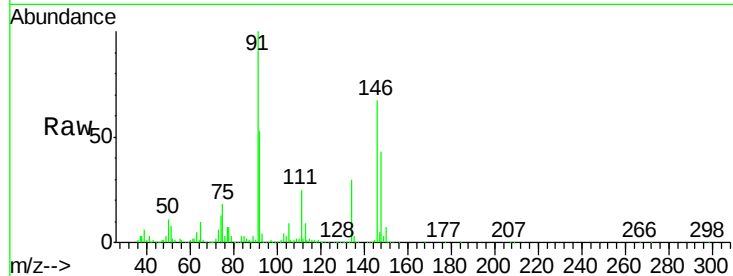




#89
n-Butylbenzene
Concen: 18.926 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

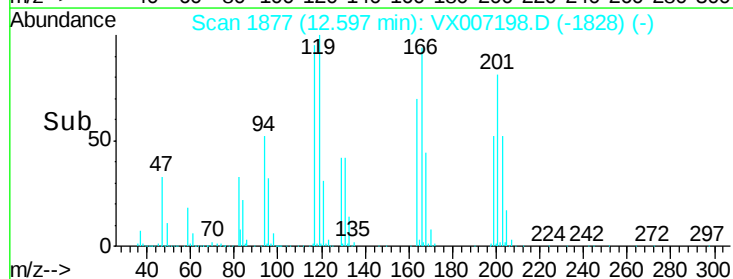
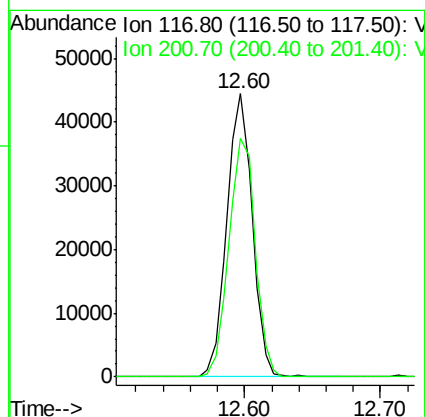
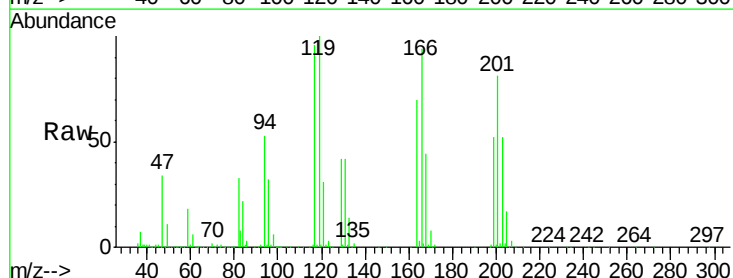
Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

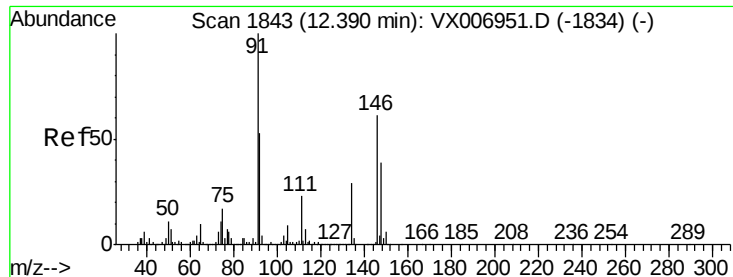
Tot Ion: 91 Resp: 319286
Ion Ratio Lower Upper
91 100
92 52.3 26.8 80.4
134 27.9 14.4 43.2



#90
Hexachloroethane
Concen: 20.140 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion: 117 Resp: 57806
Ion Ratio Lower Upper
117 100
201 87.7 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 19.760 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

Instrument :

MSVOA_X

ClientSampleId :

VX0124WBS01

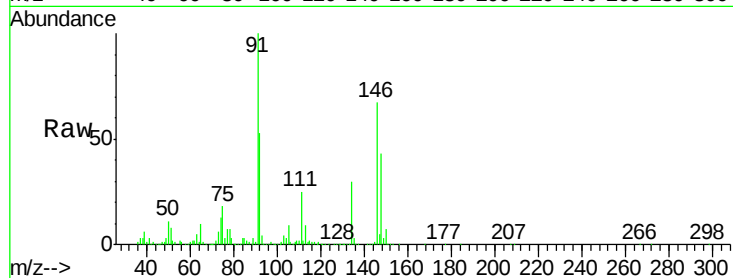
Tot Ion:146 Resp: 215820

Ion Ratio Lower Upper

146 100

111 37.8 19.4 58.2

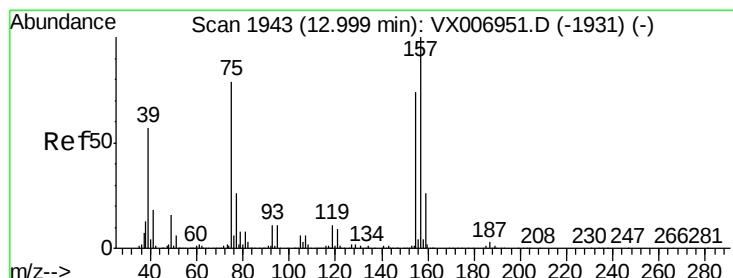
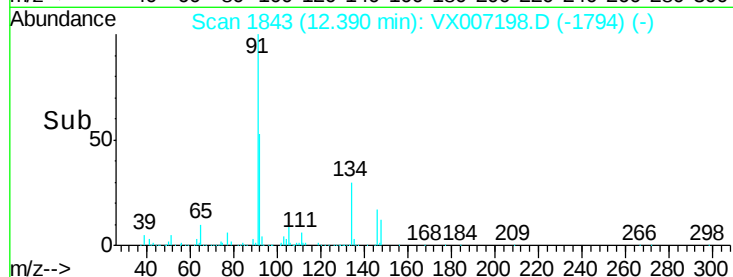
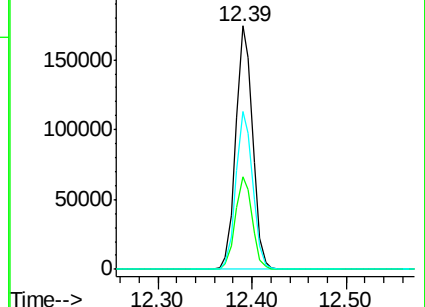
148 64.7 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.798 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX007198.D

Acq: 24 Jan 2019 12:49

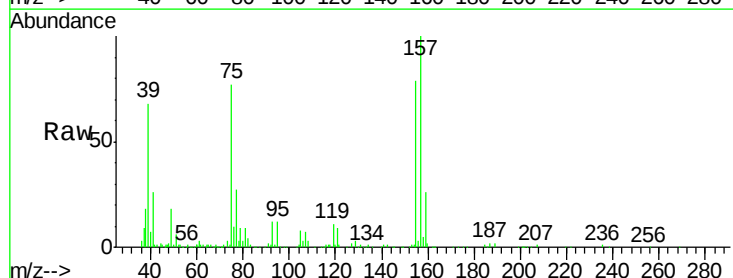
Tgt Ion: 75 Resp: 29019

Ion Ratio Lower Upper

75 100

155 101.5 50.6 151.8

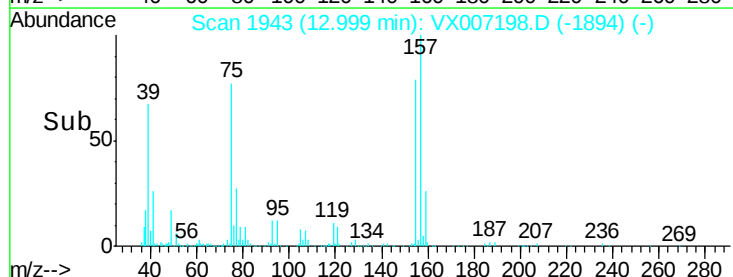
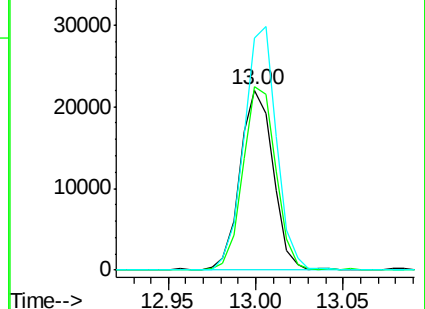
157 133.0 64.6 193.8

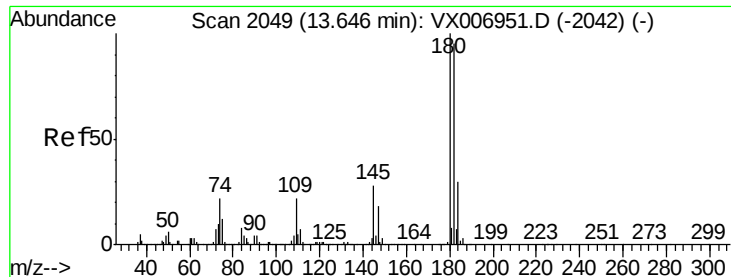


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

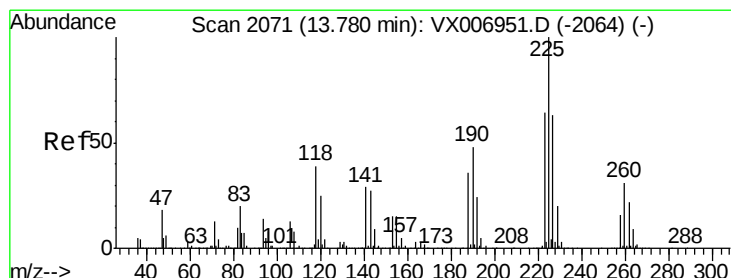
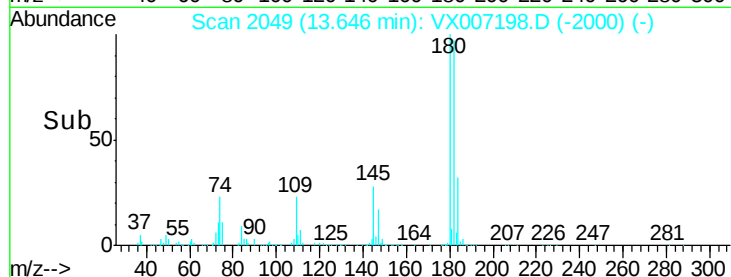
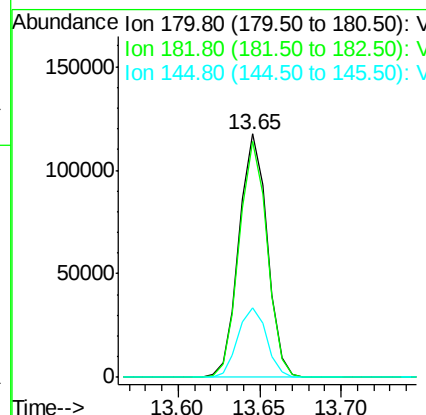
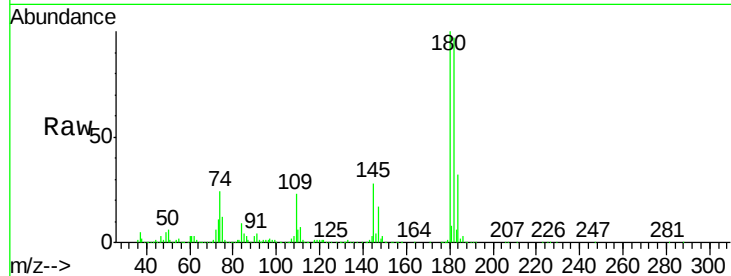




#93
 1,2,4-Trichlorobenzene
 Concen: 18.977 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

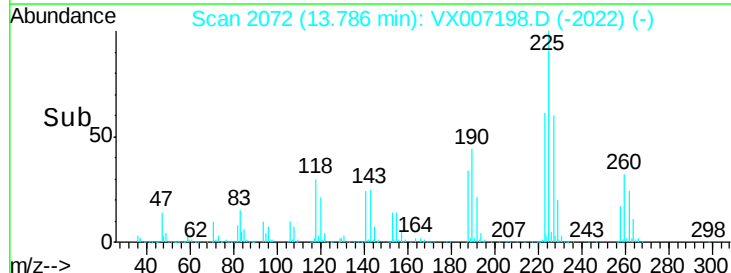
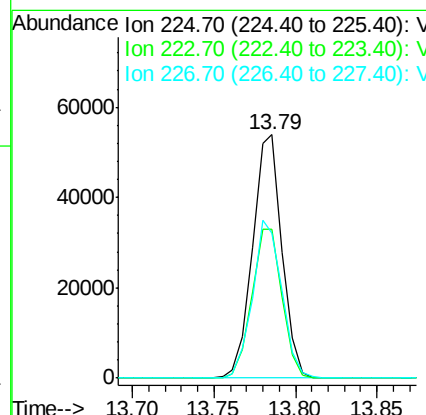
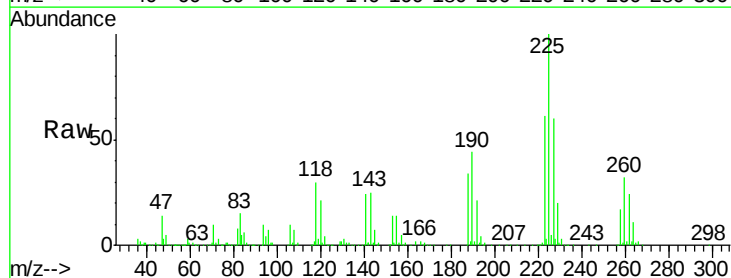
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0124WBS01

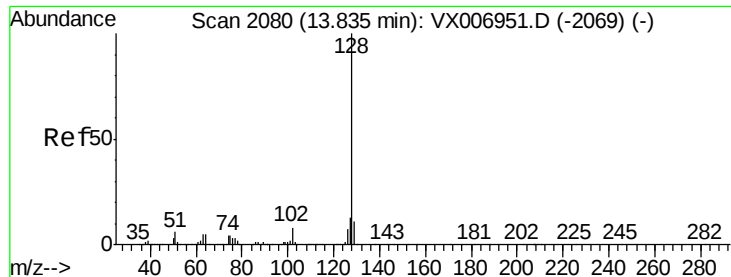
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.3	142.0
145	29.2	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 20.282 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.01 min
 Lab File: VX007198.D
 Acq: 24 Jan 2019 12:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	64.8	32.3	96.8

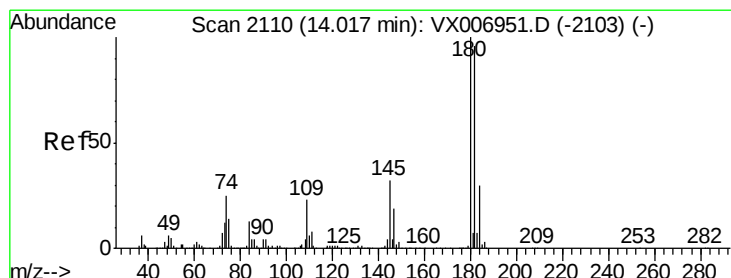
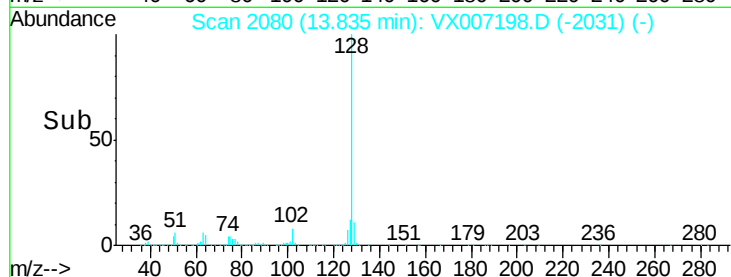
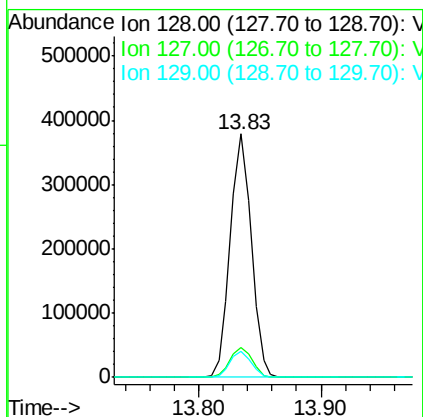
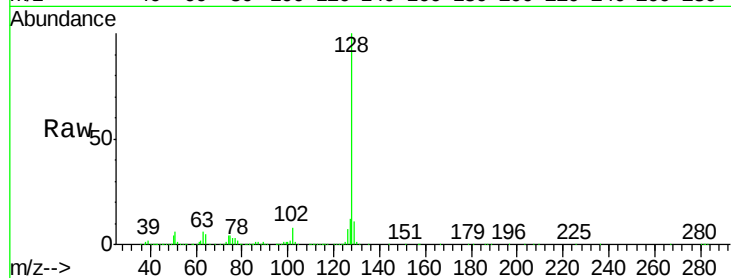




#95
Naphthalene
Concen: 19.923 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Instrument :
MSVOA_X
ClientSampleId :
VX0124WBS01

Tot Ion:128 Resp: 452374
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.788 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX007198.D
Acq: 24 Jan 2019 12:49

Tgt Ion:180 Resp: 147295
Ion Ratio Lower Upper
180 100
182 95.4 48.5 145.5
145 29.9 16.0 47.9

