

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010320\
 Data File : VX014404.D
 Acq On : 03 Jan 2020 16:37
 Operator : JC/SP
 Sample : K6476-06
 Misc : 7.22g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:33:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	546090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	822722	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	742567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	373439	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	291837	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
35) Dibromofluoromethane	5.50	113	232355	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
50) Toluene-d8	8.71	98	978628	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	11.14	95	359873	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

					Qvalue
5) Bromomethane	1.63	94	3046	0.620	ug/l 92
6) Chloroethane	1.67	64	8865	2.076	ug/l # 72
10) Methyl Iodide	2.48	142	740	2.724	ug/l # 73
11) Tert butyl alcohol	3.00	59	10183	7.614	ug/l # 72
13) Acrolein	2.30	56	444	0.580	ug/l # 70
15) Acrylonitrile	3.12	53	755	0.242	ug/l # 56
16) Acetone	2.48	43	6125	1.524	ug/l # 64
17) Carbon Disulfide	2.53	76	4977	1.086	ug/l 97
18) Methyl Acetate	2.78	43	7625	0.958	ug/l # 71
20) Methylene Chloride	2.84	84	2453	0.388	ug/l # 69
25) 2-Butanone	4.70	43	12461	2.515	ug/l 98
28) Bromochloromethane	4.99	49	174	0.497	ug/l # 1
31) Cyclohexane	5.56	56	25008	2.704	ug/l 94
36) 1,1-Dichloropropene	5.65	75	35971	4.765	ug/l # 51
37) Ethyl Acetate	4.70	43	12461	1.495	ug/l # 71
38) Carbon Tetrachloride	5.65	117	46812	6.807	ug/l # 16
39) Methylcyclohexane	7.45	83	73304	7.864	ug/l 94
43) Isopropyl Acetate	6.47	43	3716	0.269	ug/l # 71
49) 1,4-Dioxane	7.73	88	209	1.520	ug/l # 21
51) 4-Methyl-2-Pentanone	8.67	43	10975	1.267	ug/l # 61
55) 1,1,2-Trichloroethane	9.16	97	19644	3.338	ug/l # 20
56) Ethyl methacrylate	9.16	69	4422	0.478	ug/l # 1
59) 2-Hexanone	9.44	43	52854	7.578	ug/l # 29
65) Chlorobenzene	10.14	112	299452	18.966	ug/l 98
69) o-Xylene	10.70	106	2240	0.219	ug/l 81
73) Isopropylbenzene	11.01	105	16379	0.623	ug/l 95
74) N-amyl acetate	10.88	43	82238	6.673	ug/l # 44
75) 1,1,2,2-Tetrachloroethane	11.27	83	131907	14.471	ug/l # 26
76) 1,2,3-Trichloropropane	11.14	75	166352	20.519	ug/l # 40
78) n-propylbenzene	11.35	91	11259	0.382	ug/l 97
79) 2-Chlorotoluene	11.48	91	5374	0.300	ug/l 96
81) trans-1,4-Dichloro-2-buten	11.14	75	166352	57.915	ug/l # 12
82) 4-Chlorotoluene	11.53	91	4238	0.204	ug/l # 39
83) tert-Butylbenzene	11.76	119	34859	1.619	ug/l 77

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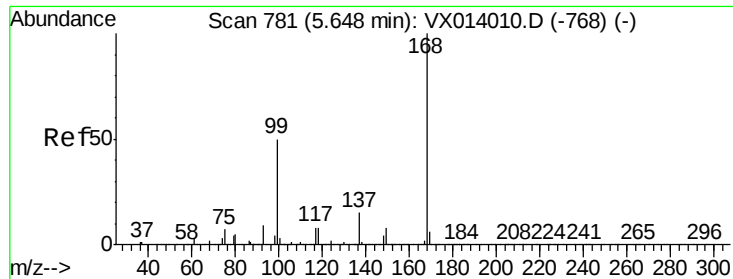
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 02:33:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

84) 1,2,4-Trimethylbenzene	11.81	105	7100	0.320	ug/l	96
85) sec-Butylbenzene	11.94	105	180640	7.106	ug/l	91
86) p-Isopropyltoluene	12.23	119	74504	3.204	ug/l	89
87) 1,3-Dichlorobenzene	12.03	146	29810	2.351	ug/l #	1
88) 1,4-Dichlorobenzene	12.09	146	45685	3.544	ug/l #	31
89) n-Butylbenzene	12.39	91	246157	12.406	ug/l	89
90) Hexachloroethane	12.59	117	8173	1.957	ug/l #	7
91) 1,2-Dichlorobenzene	12.39	146	21019	1.647	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.03	75	608	0.301	ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	3817	0.460	ug/l #	1
95) Naphthalene	13.81	128	21771	0.893	ug/l #	1
96) 1,2,3-Trichlorobenzene	13.98	180	2161	0.264	ug/l #	1

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

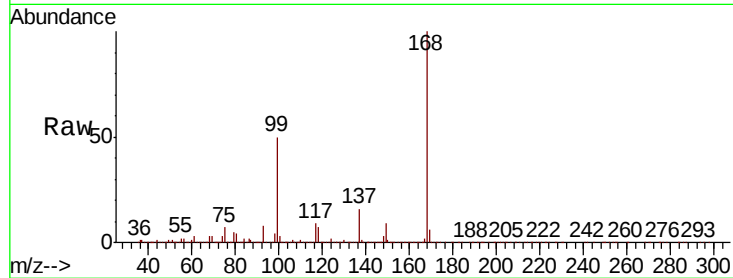
ClientSampleId :

Tot Ion:168 Resp: 546090

Ion Ratio Lower Upper

168 100

99 49.5 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

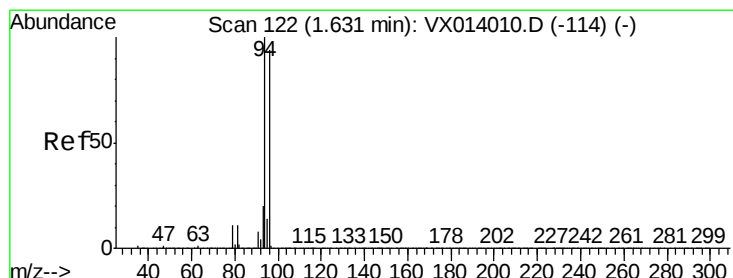
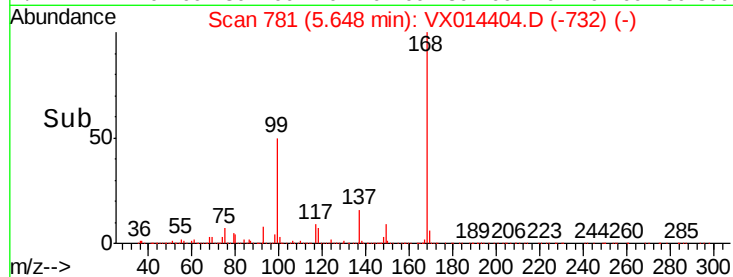
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.620 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX014404.D

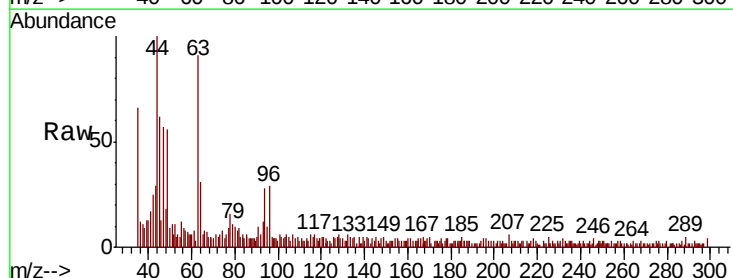
Acq: 03 Jan 2020 16:37

Tgt Ion: 94 Resp: 3046

Ion Ratio Lower Upper

94 100

96 86.5 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

2000

1500

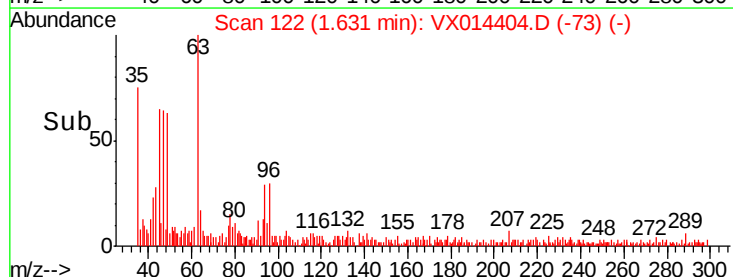
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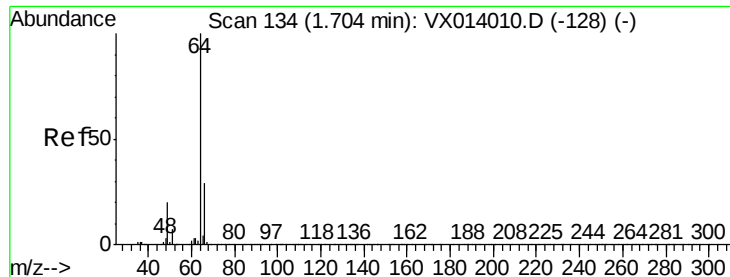
500

0

Time-->

1.55 1.60 1.65 1.70





#6

Chloroethane

Concen: 2.076 ug/l

RT: 1.67 min Scan# 129

Delta R.T. -0.03 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

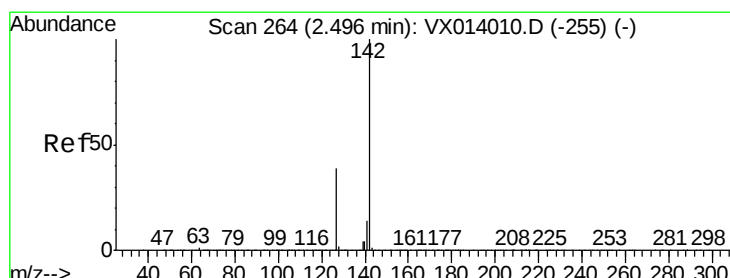
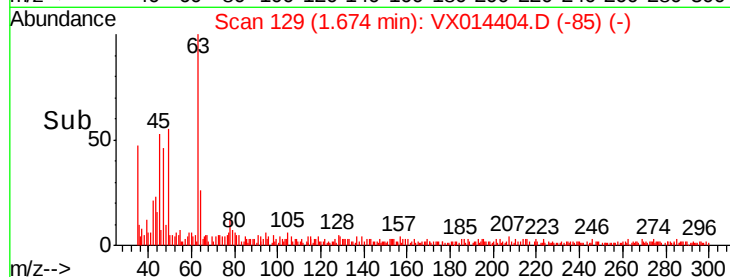
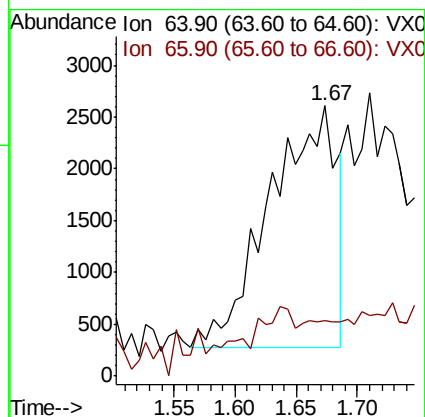
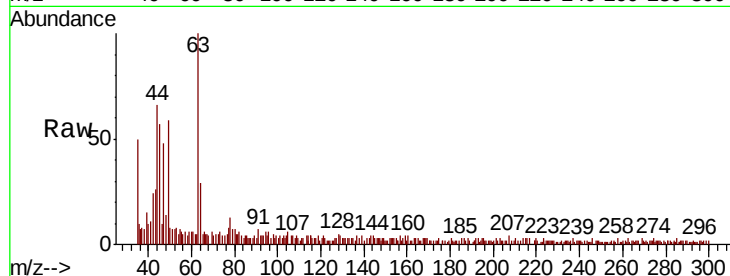
ClientSampleId :

Tot Ion: 64 Resp: 8865

Ion Ratio Lower Upper

64 100

66 14.1 23.4 35.2#



#10

Methyl Iodide

Concen: 2.724 ug/l

RT: 2.48 min Scan# 262

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

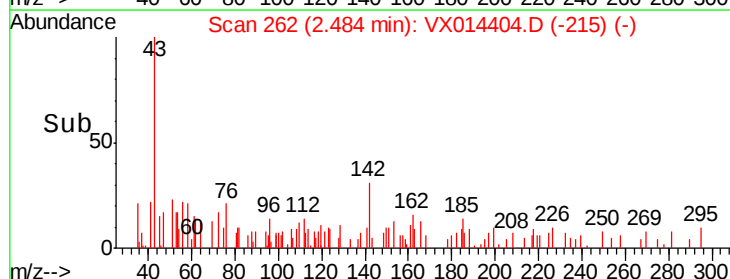
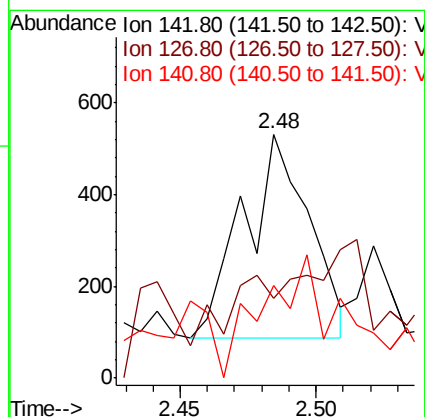
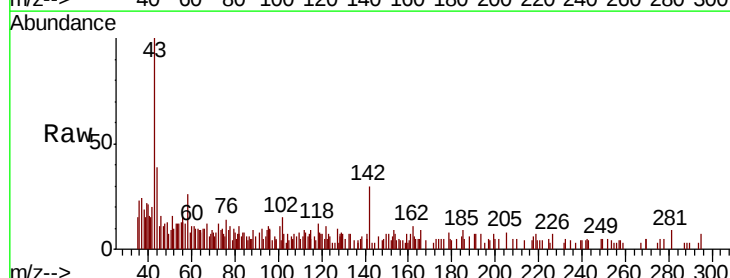
Tgt Ion: 142 Resp: 740

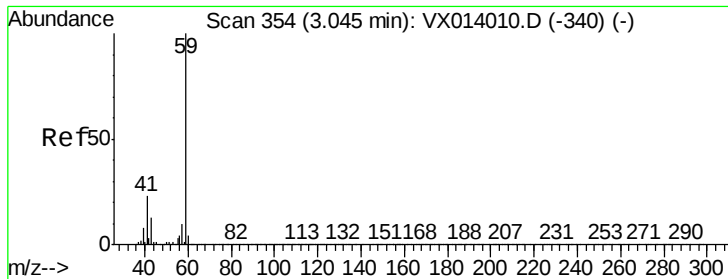
Ion Ratio Lower Upper

142 100

127 25.0 31.6 47.4#

141 0.0 11.6 17.4#

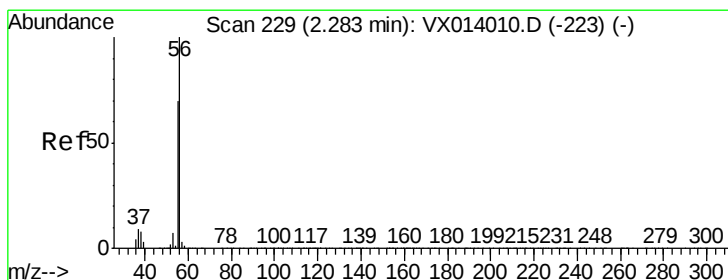
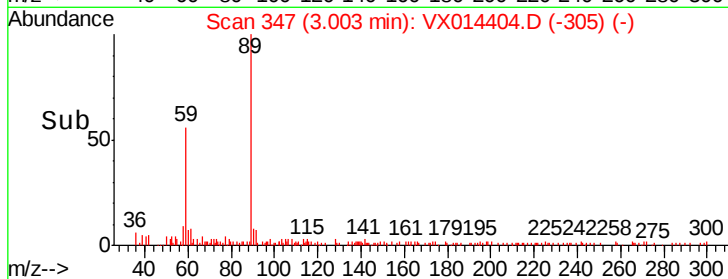
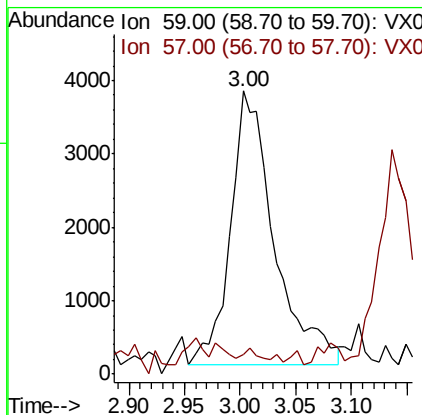
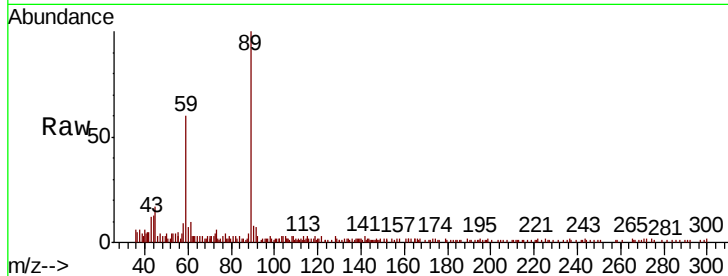




#11
Tert butyl alcohol
Concen: 7.614 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

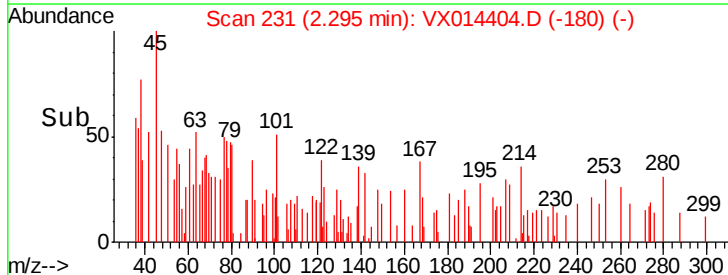
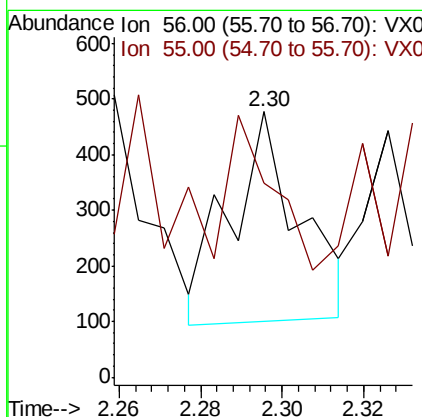
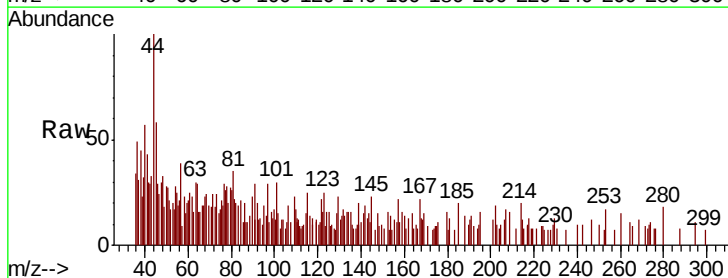
Instrument :
MSVOA_X
ClientSampled :

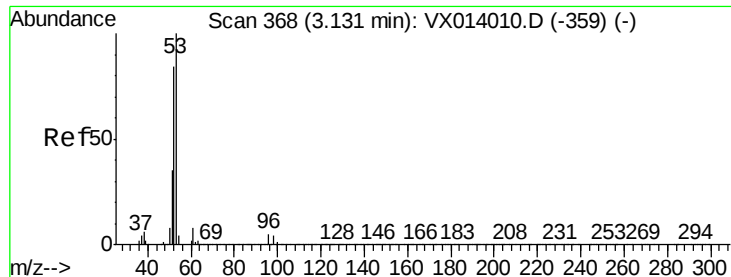
Tot Ion: 59 Resp: 10183
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#



#13
Acrolein
Concen: 0.580 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion: 56 Resp: 444
Ion Ratio Lower Upper
56 100
55 45.9 56.9 85.3#





#15

Acrylonitrile

Concen: 0.242 ug/l

RT: 3.12 min Scan# 366

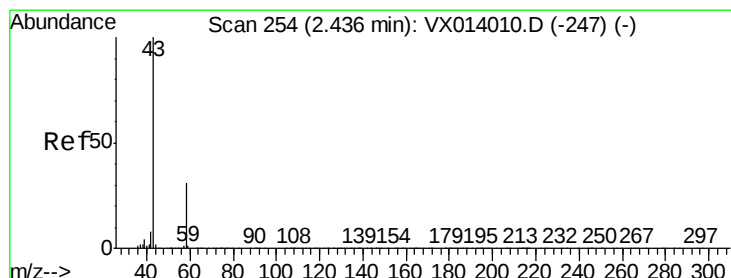
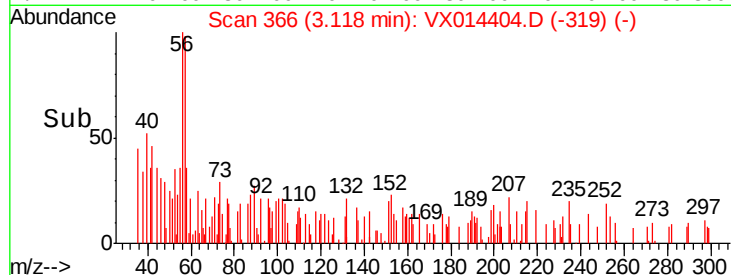
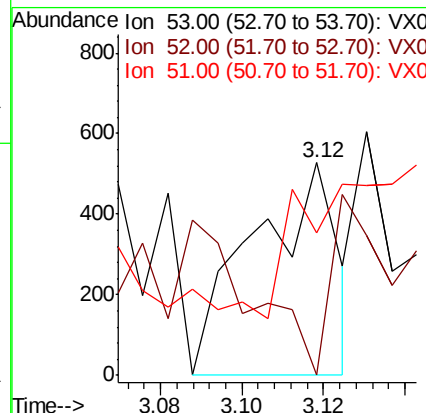
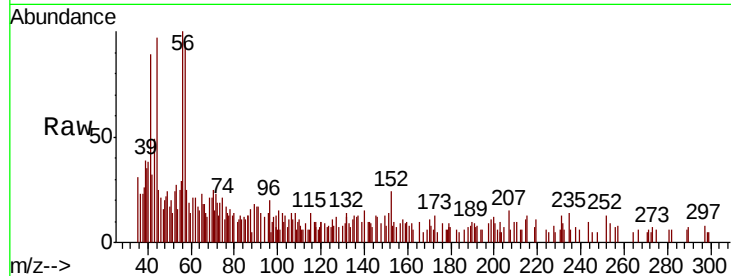
Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	53	Resp:	755
Ion	Ratio	Lower	Upper
53	100		
52	49.4	66.5	99.7#
51	0.0	28.1	42.1#



#16

Acetone

Concen: 1.524 ug/l

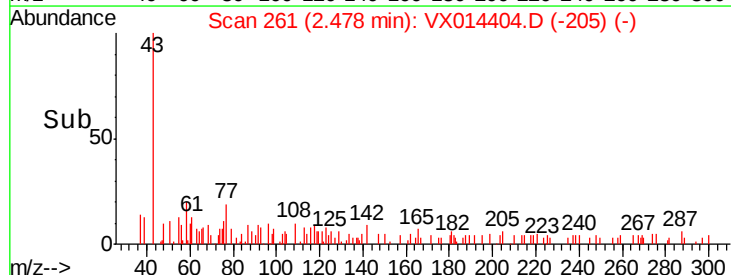
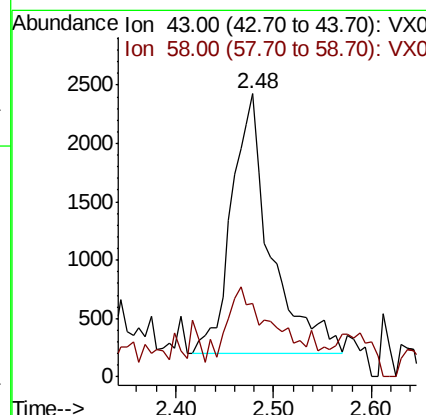
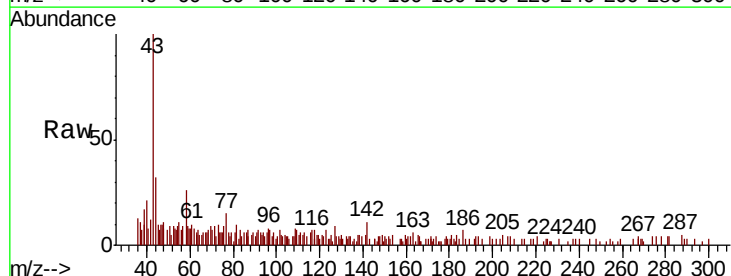
RT: 2.48 min Scan# 261

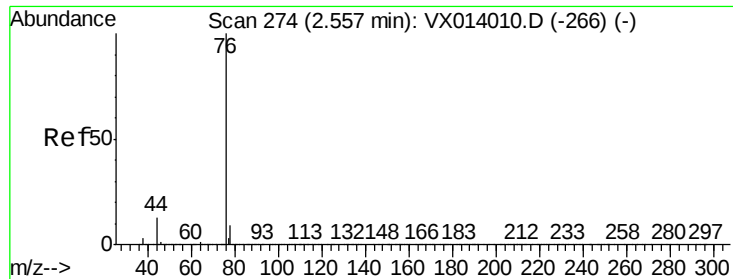
Delta R.T. 0.04 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Tgt Ion:	43	Resp:	6125
Ion	Ratio	Lower	Upper
43	100		
58	11.5	24.9	37.3#

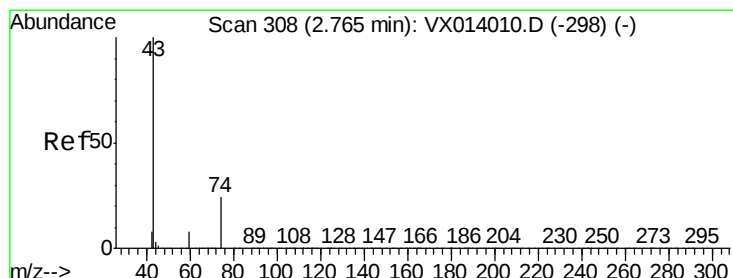
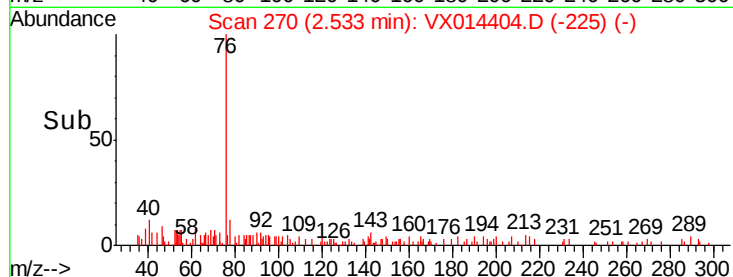
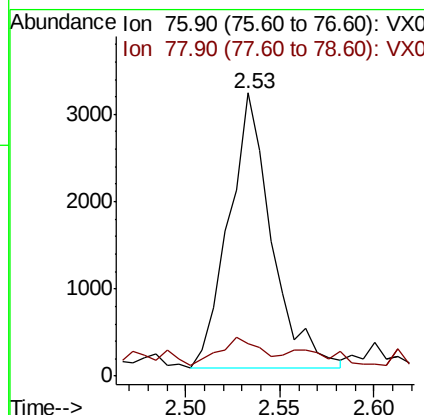
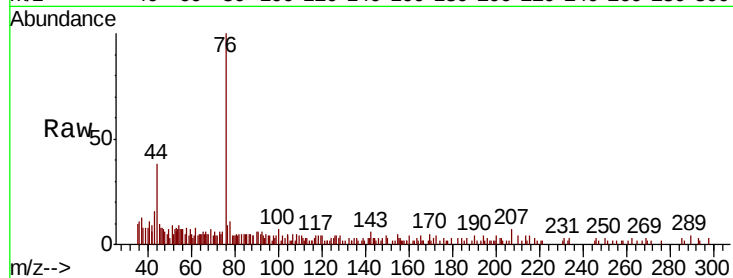




#17
Carbon Disulfide
Concen: 1.086 ug/l
RT: 2.53 min Scan# 270
Delta R.T. -0.02 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

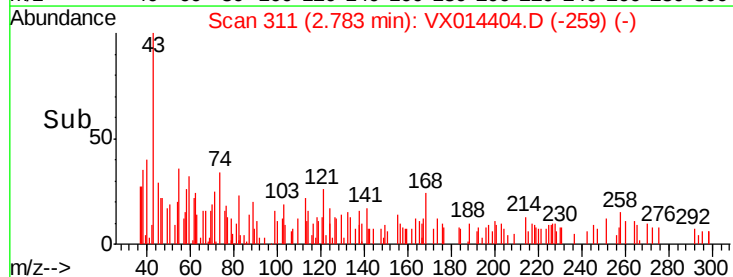
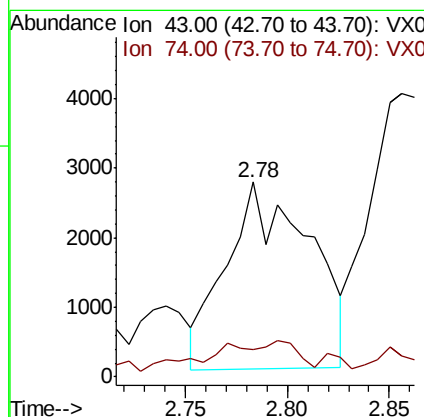
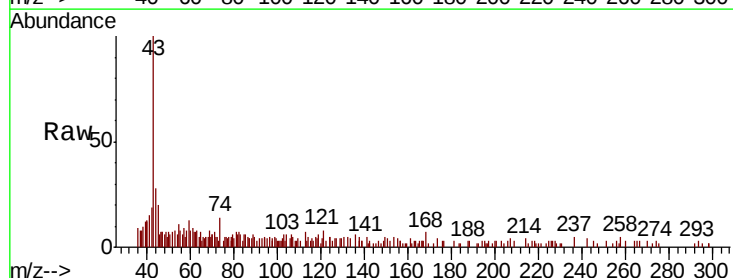
Instrument :
MSVOA_X
ClientSampleId :

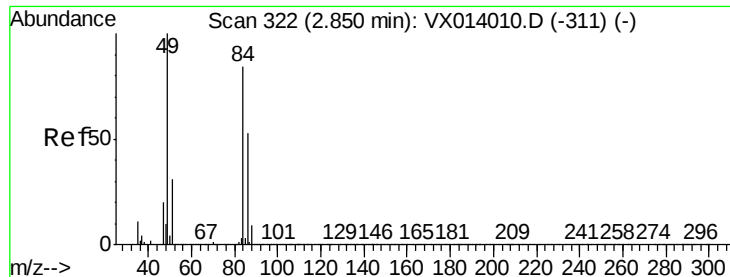
Tot Ion: 76 Resp: 4977
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8



#18
Methyl Acetate
Concen: 0.958 ug/l
RT: 2.78 min Scan# 311
Delta R.T. 0.02 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion: 43 Resp: 7625
Ion Ratio Lower Upper
43 100
74 10.1 19.5 29.3#

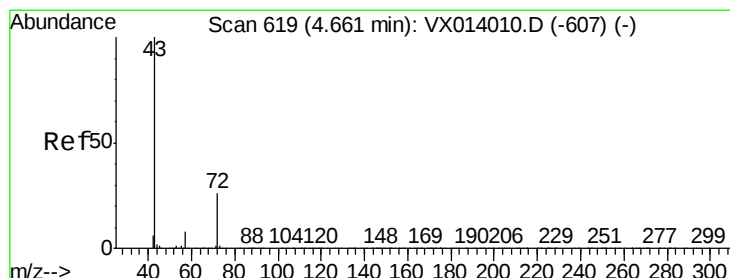
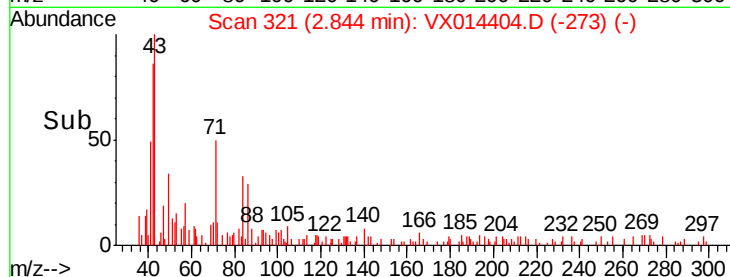
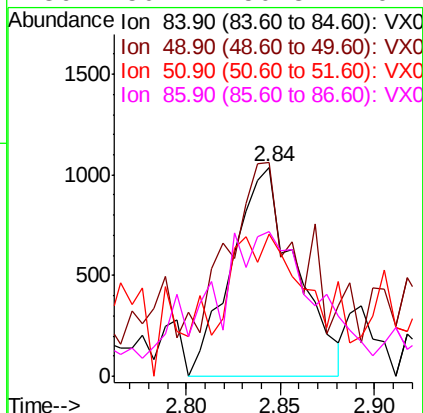
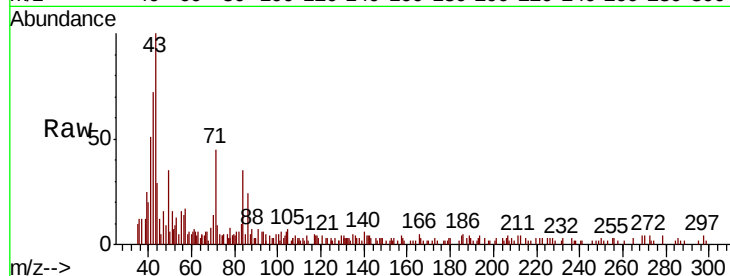




#20
Methvlene Chloride
Concen: 0.388 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

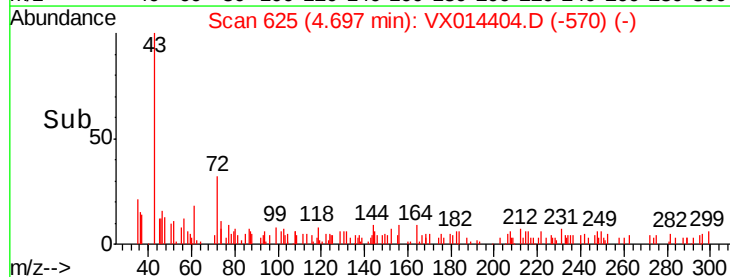
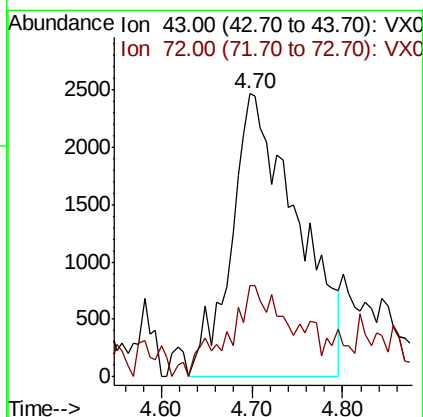
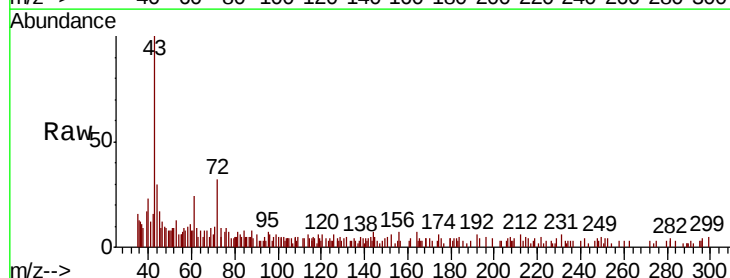
Instrument :
MSVOA_X
ClientSampleId :

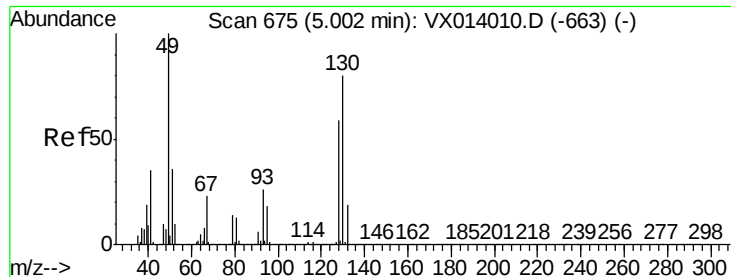
Tot Ion: 84 Resp: 2453
Ion Ratio Lower Upper
84 100
49 71.6 95.8 143.6#
51 48.6 29.8 44.8#
86 50.7 50.8 76.2#



#25
2-Butanone
Concen: 2.515 ug/l
RT: 4.70 min Scan# 625
Delta R.T. 0.04 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion: 43 Resp: 12461
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.4





#28

Bromochloromethane

Concen: 0.497 ug/l

RT: 4.99 min Scan# 673

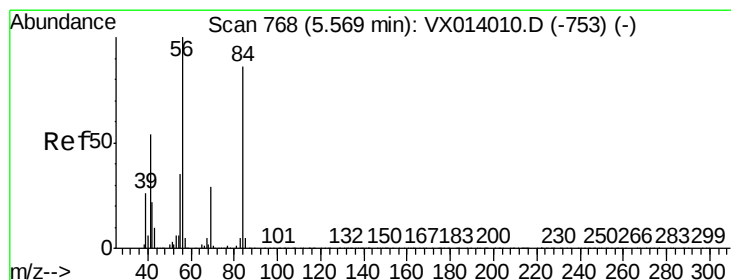
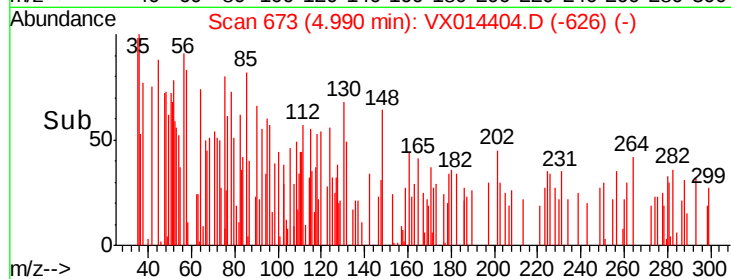
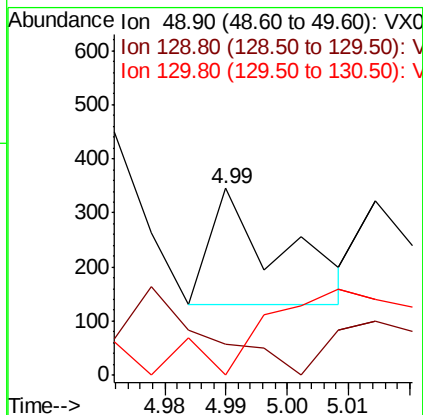
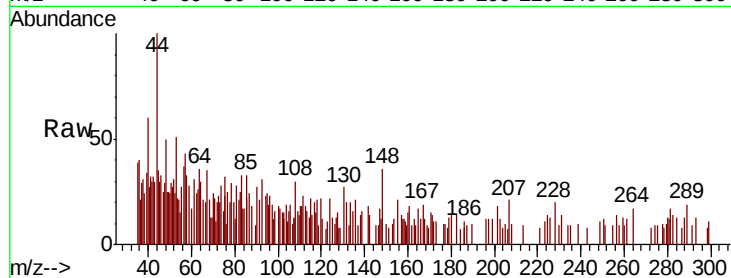
Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 49 Resp: 174
Ion Ratio Lower Upper
49 100
129 0.0 0.0 5.0
130 216.7 64.6 97.0#



#31

Cyclohexane

Concen: 2.704 ug/l

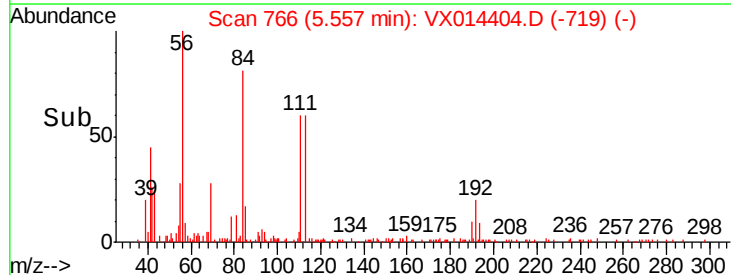
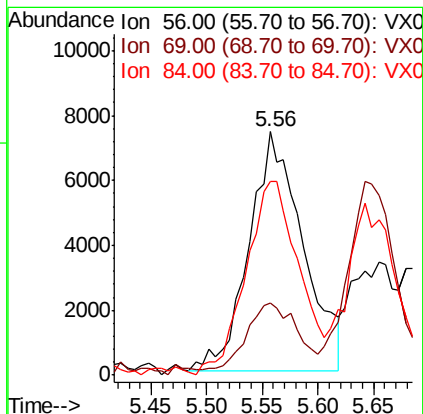
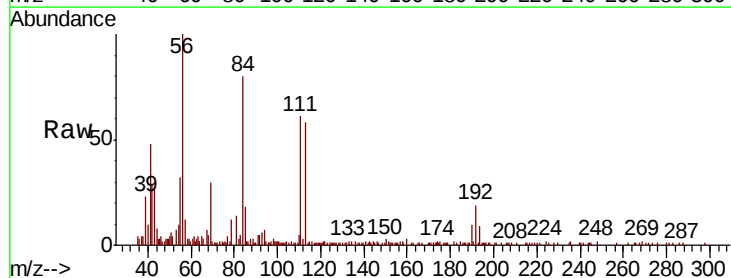
RT: 5.56 min Scan# 766

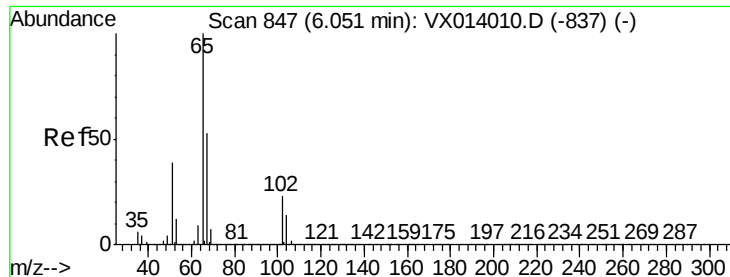
Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Tgt Ion: 56 Resp: 25008
Ion Ratio Lower Upper
56 100
69 27.6 23.2 34.8
84 79.8 69.2 103.8





#33

1,2-Dichloroethane-d4

Concen: 47.153 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

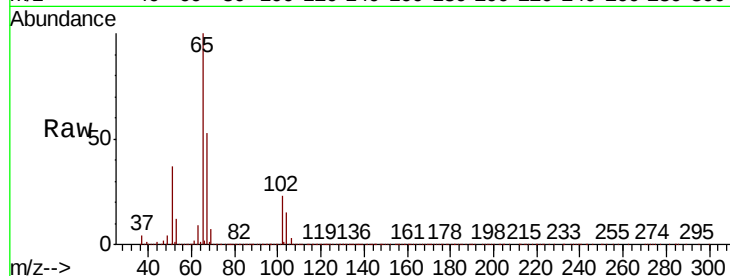
ClientSampled :

Tot Ion: 65 Resp: 291837

Ion Ratio Lower Upper

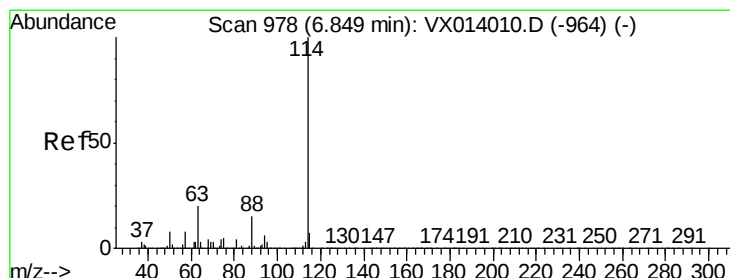
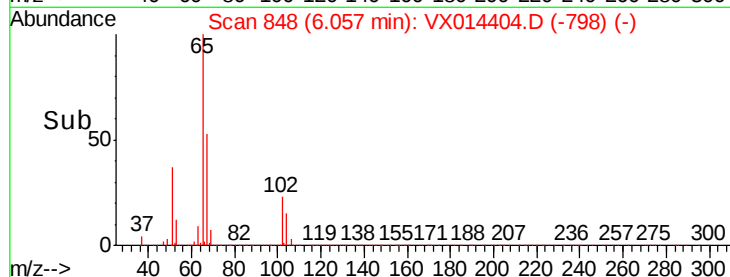
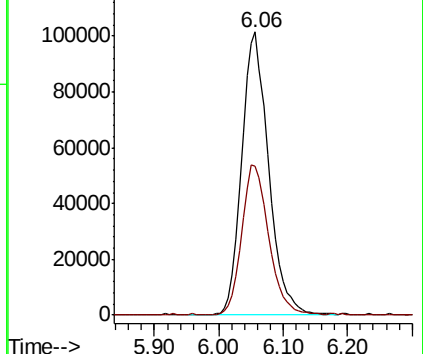
65 100

67 53.1 0.0 106.4



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: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

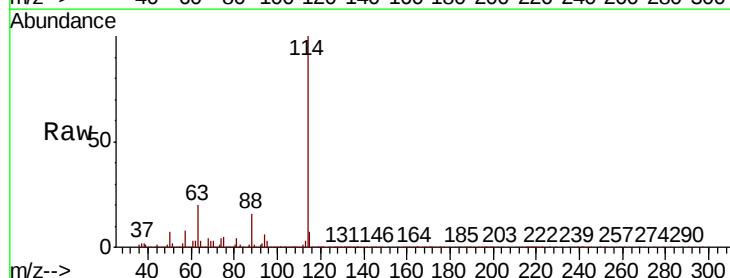
Tgt Ion: 114 Resp: 822722

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

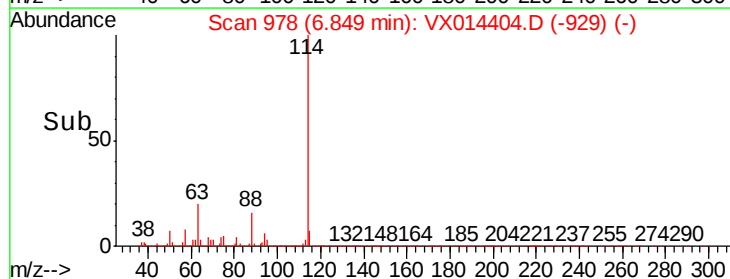
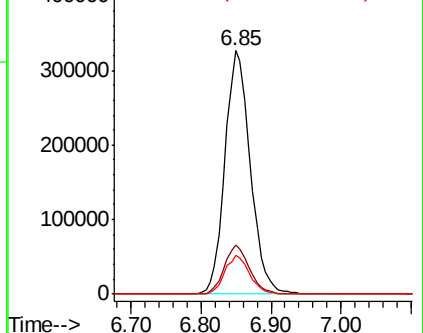
88 15.7 0.0 30.4

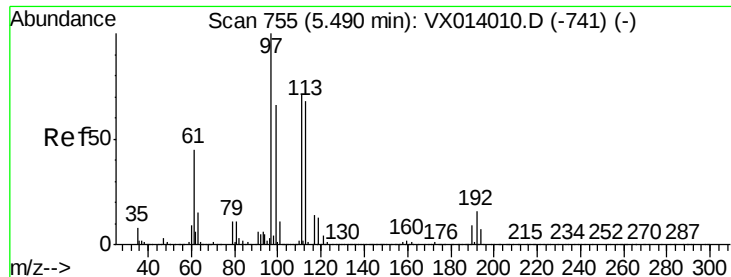


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.459 ug/l

RT: 5.50 min Scan# 756

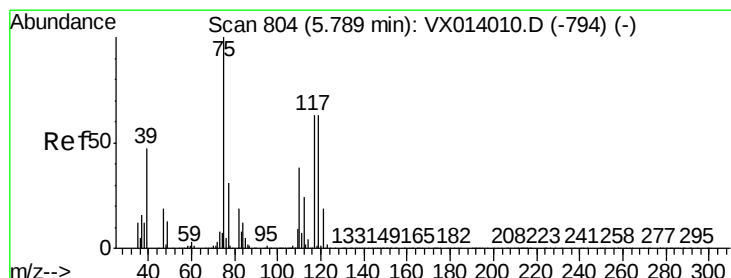
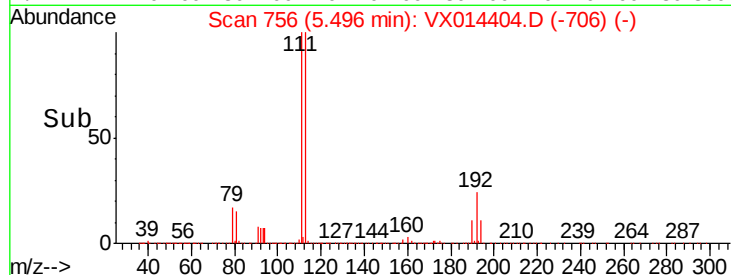
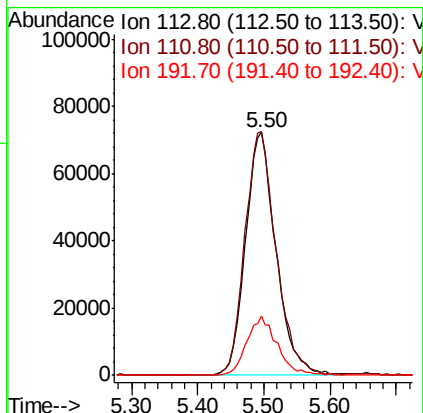
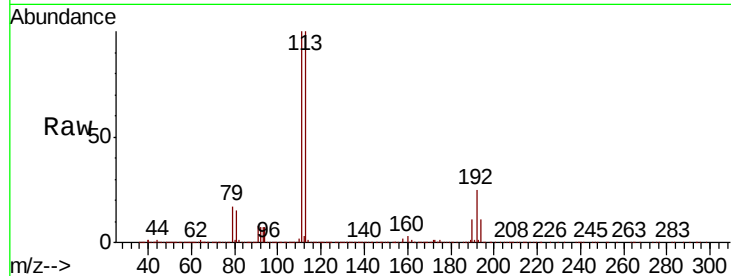
Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	113	Resp:	232355
Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	24.1	19.3	28.9



#36

1,1-Dichloropropene

Concen: 4.765 ug/l

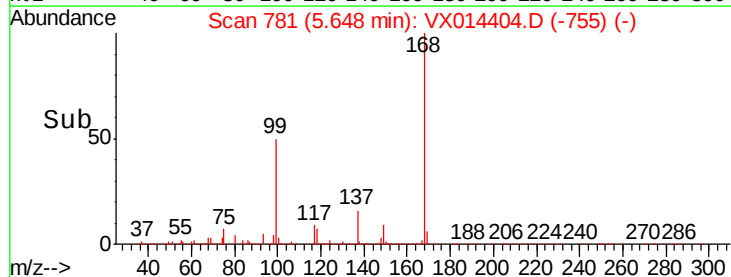
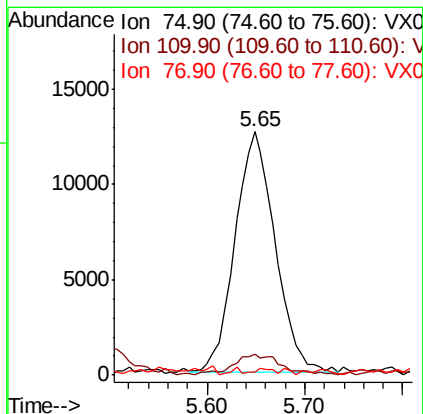
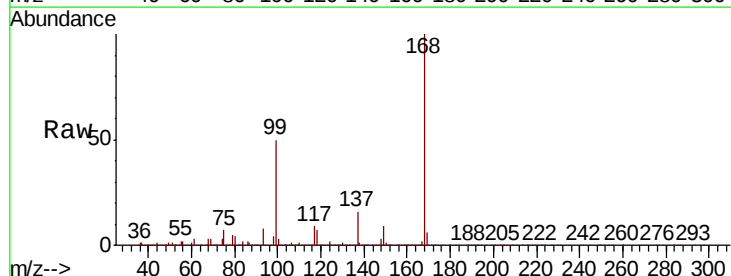
RT: 5.65 min Scan# 781

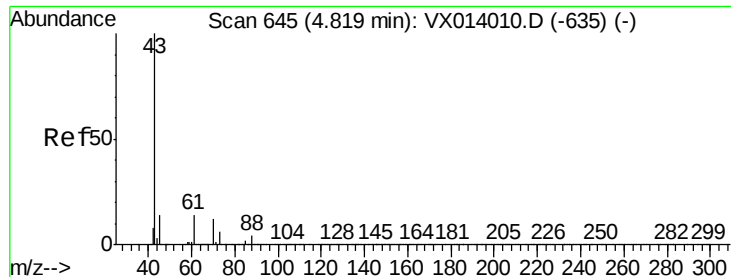
Delta R.T. -0.14 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Tgt Ion:	75	Resp:	35971
Ion	Ratio	Lower	Upper
75	100		
110	10.4	18.3	54.9#
77	0.7	24.8	37.2#

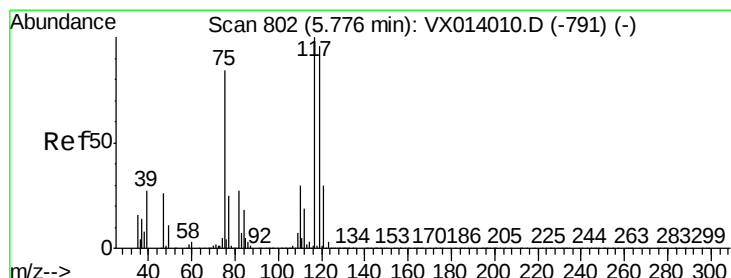
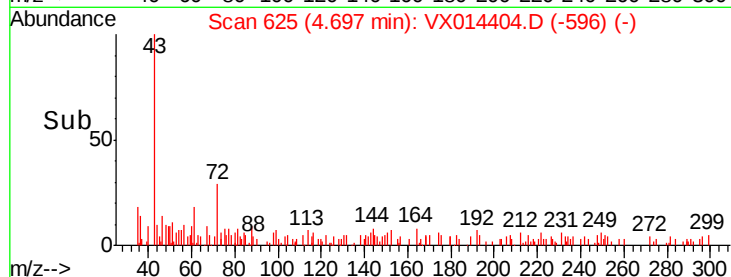
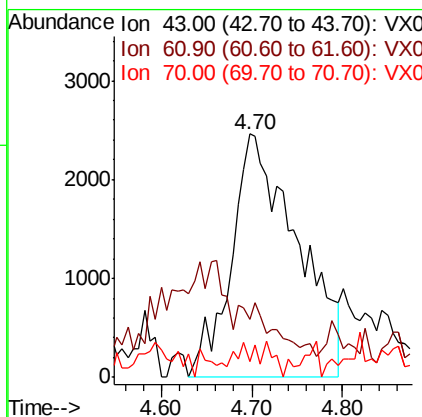
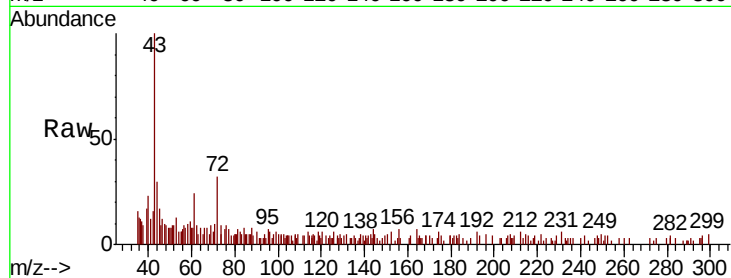




#37
Ethyl Acetate
Concen: 1.495 ug/l
RT: 4.70 min Scan# 625
Delta R.T. -0.12 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

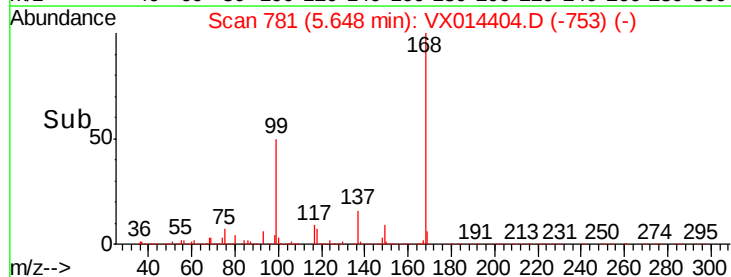
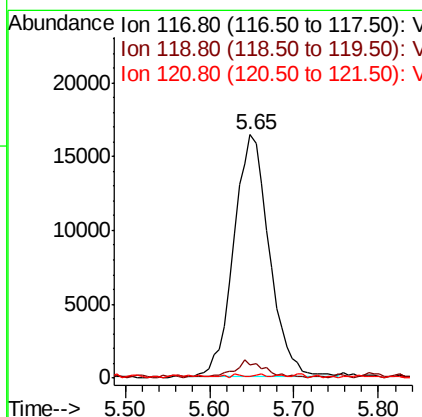
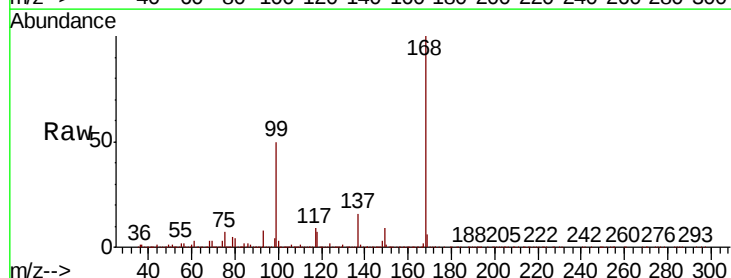
Instrument :
MSVOA_X
ClientSampleId :

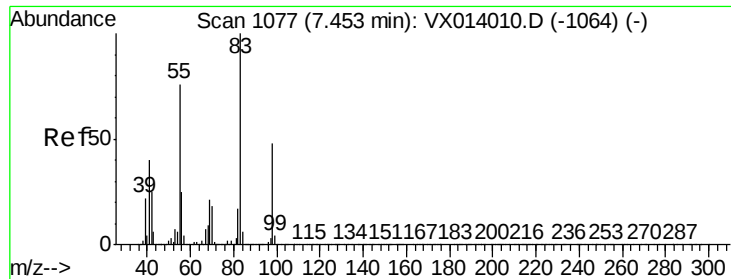
Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.8	16.2#
70	1.5	8.6	12.8#



#38
Carbon Tetrachloride
Concen: 6.807 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.6	76.2	114.4#
121	0.8	23.6	35.4#

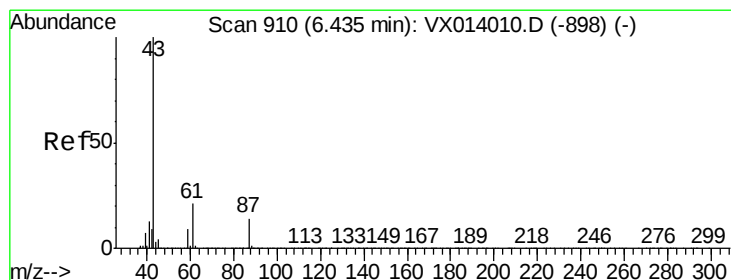
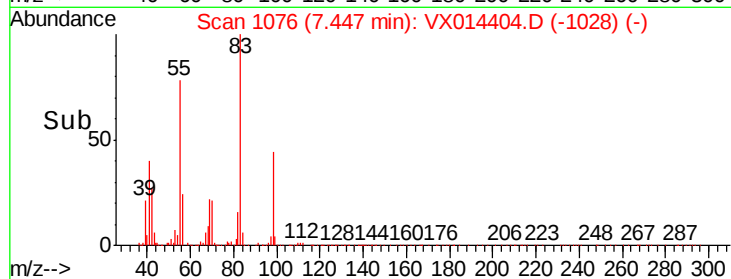
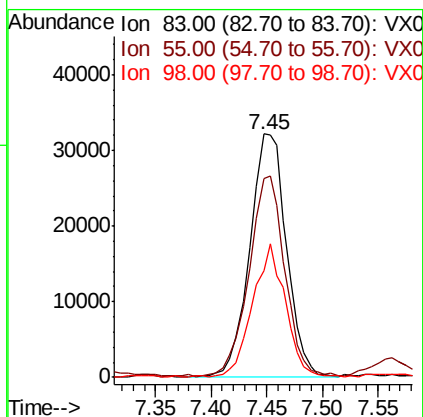
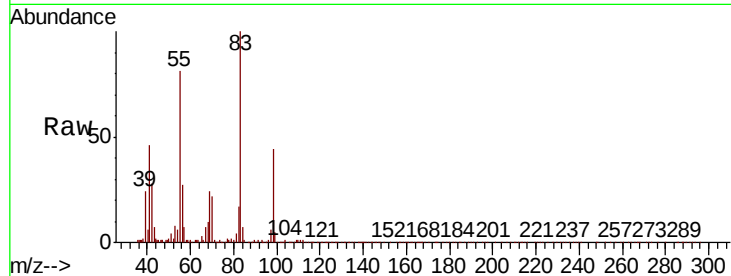




#39
Methylcyclohexane
Concen: 7.864 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

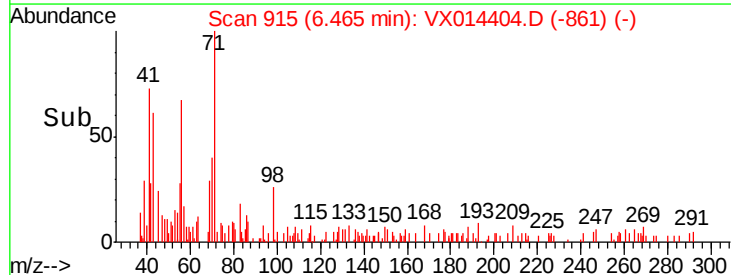
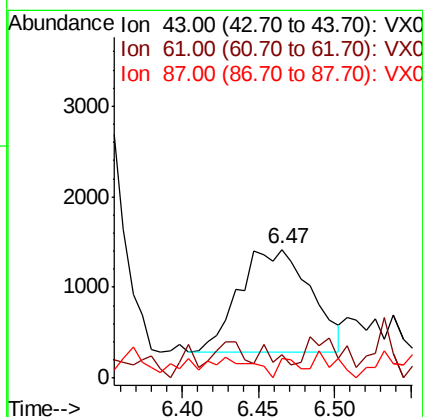
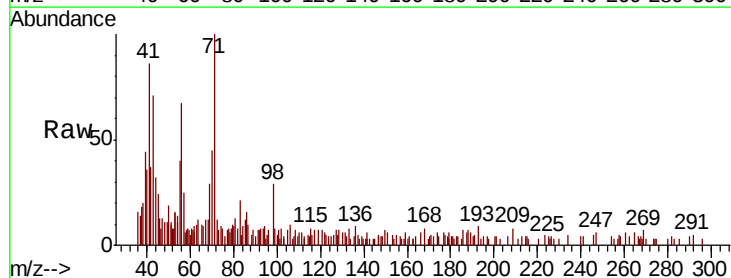
Instrument :
MSVOA_X
ClientSampleId :

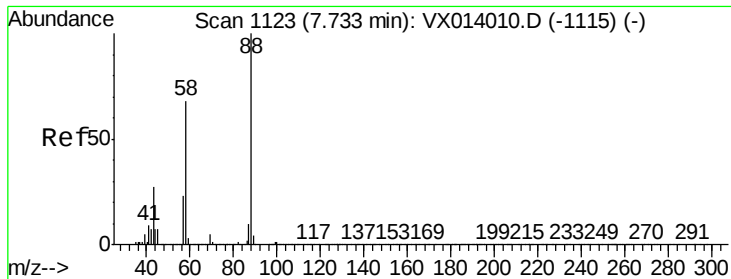
Tot Ion: 83 Resp: 73304
Ion Ratio Lower Upper
83 100
55 81.0 61.0 91.6
98 43.6 38.6 57.8



#43
Isopropyl Acetate
Concen: 0.269 ug/l
RT: 6.47 min Scan# 915
Delta R.T. 0.03 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion: 43 Resp: 3716
Ion Ratio Lower Upper
43 100
61 4.0 16.4 24.6#
87 6.1 10.7 16.1#





#49

1,4-Dioxane

Concen: 1.520 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

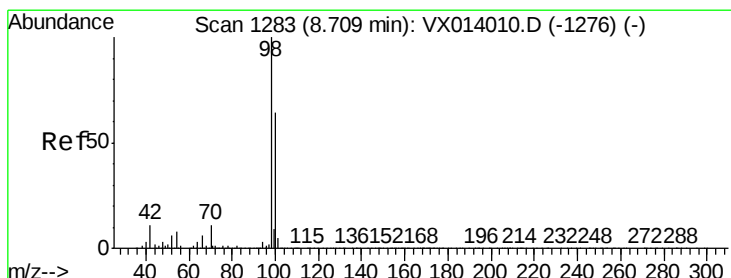
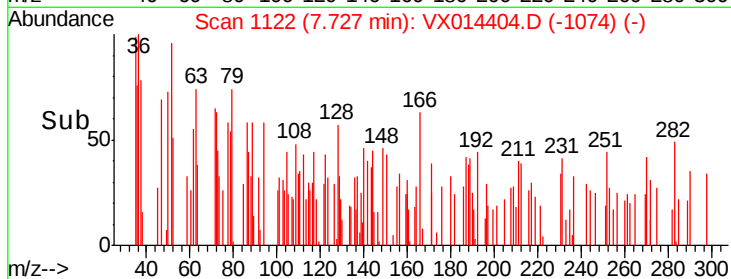
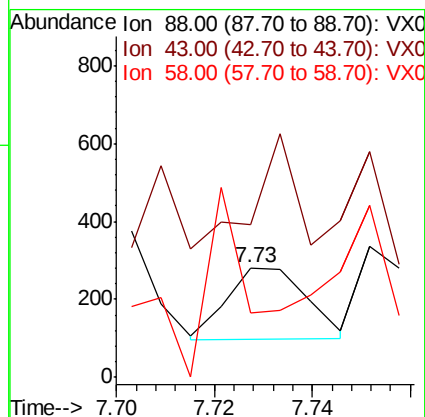
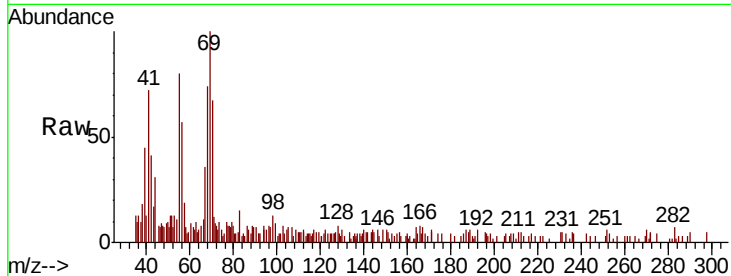
Tot Ion: 88 Resp: 209

Ion Ratio Lower Upper

88 100

43 0.0 26.5 39.7#

58 144.5 56.8 85.2#



#50

Toluene-d8

Concen: 50.261 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014404.D

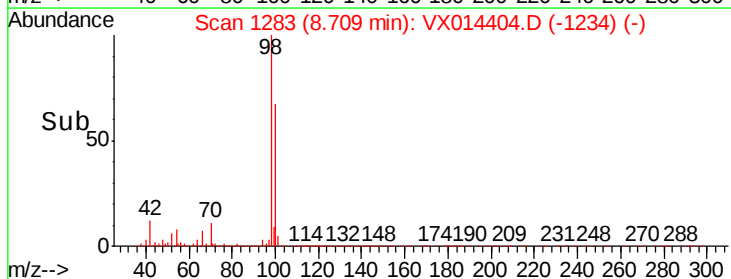
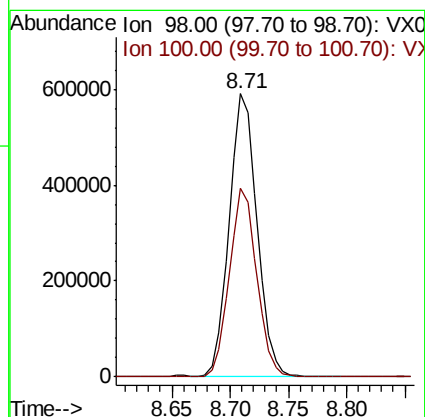
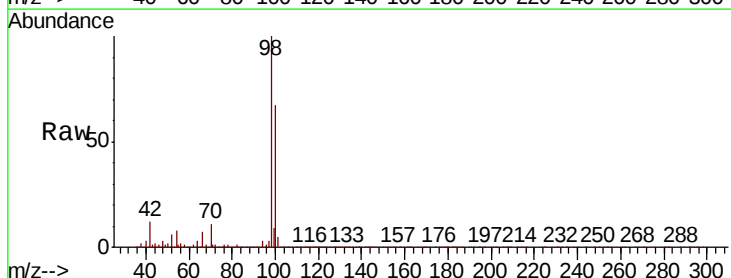
Acq: 03 Jan 2020 16:37

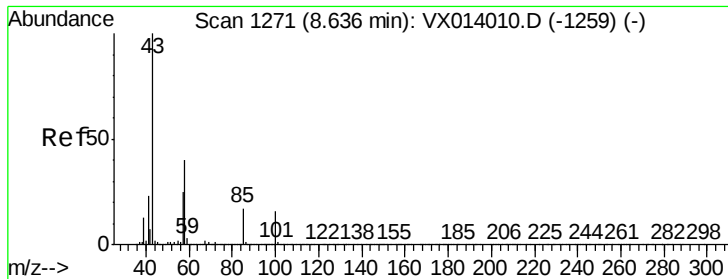
Tgt Ion: 98 Resp: 978628

Ion Ratio Lower Upper

98 100

100 65.7 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.267 ug/l

RT: 8.67 min Scan# 1276

Delta R.T. 0.03 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

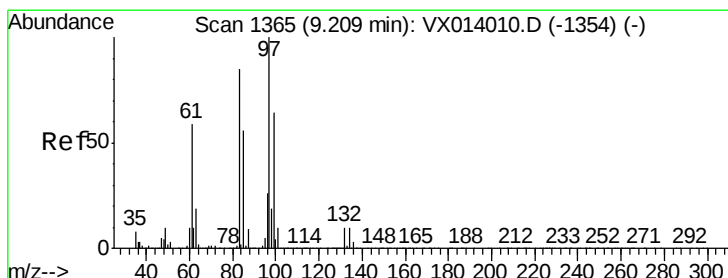
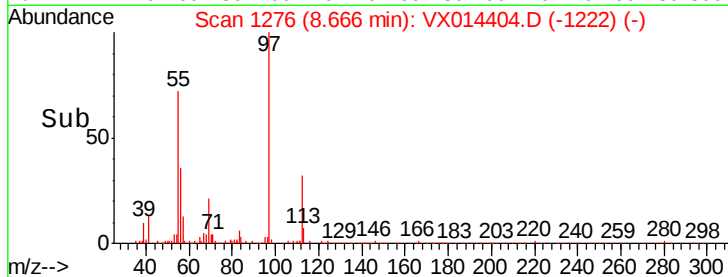
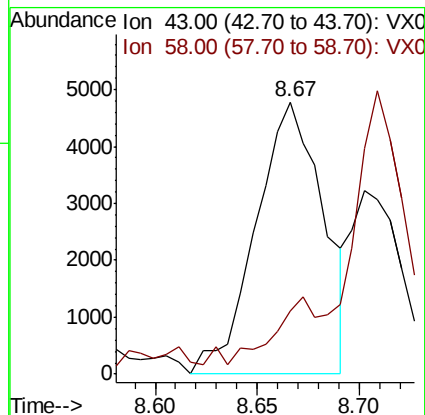
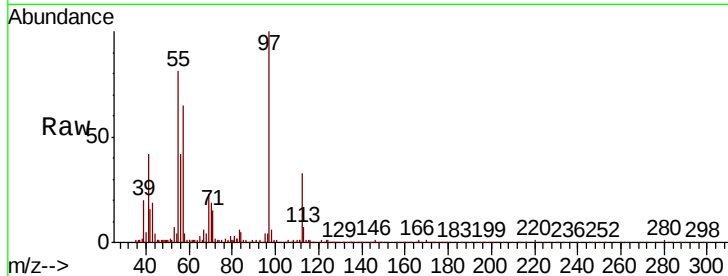
ClientSampled :

Tot Ion: 43 Resp: 10975

Ion Ratio Lower Upper

43 100

58 16.0 32.2 48.2#



#55

1,1,2-Trichloroethane

Concen: 3.338 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Tgt Ion: 97 Resp: 19644

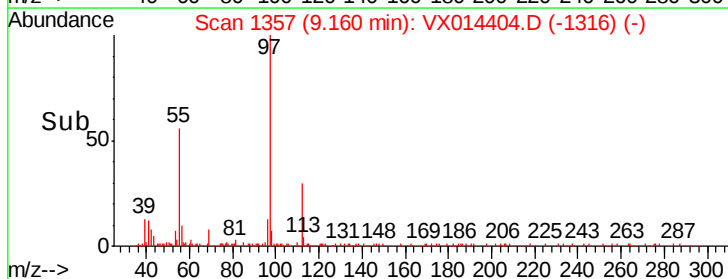
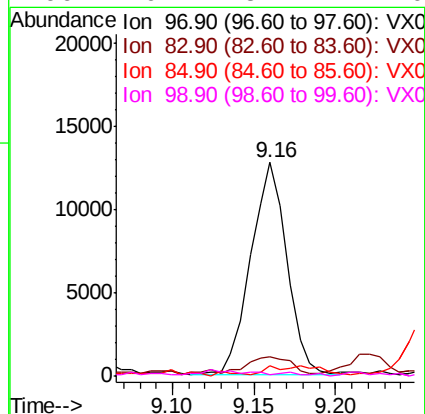
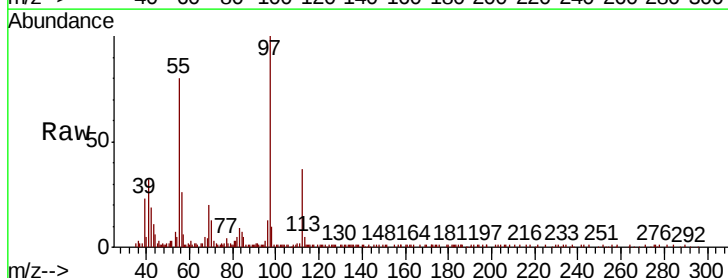
Ion Ratio Lower Upper

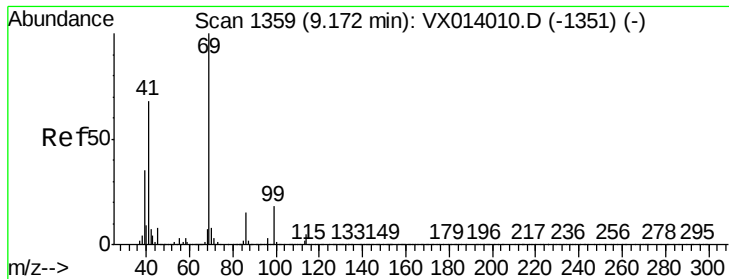
97 100

83 7.8 68.2 102.4#

85 3.5 44.6 66.8#

99 0.2 51.4 77.0#





#56

Ethyl methacrylate

Concen: 0.478 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampled :

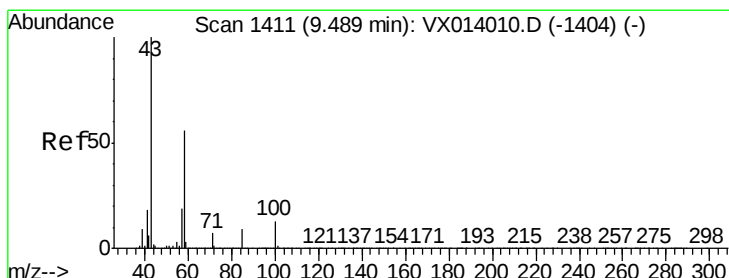
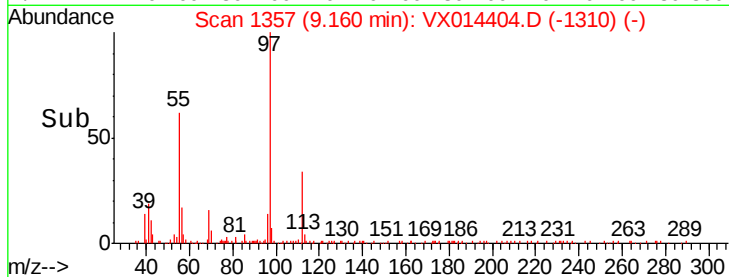
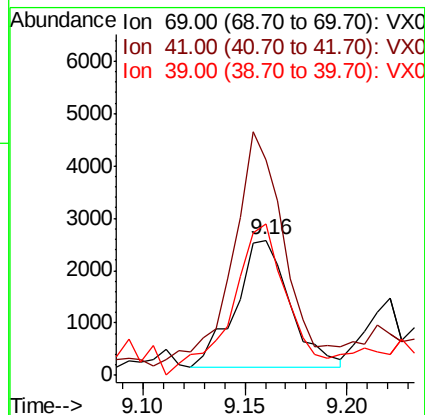
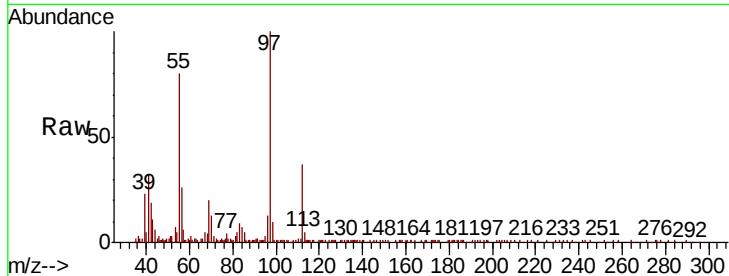
Tot Ion: 69 Resp: 4422

Ion Ratio Lower Upper

69 100

41 177.7 54.8 82.2#

39 123.9 28.3 42.5#



#59

2-Hexanone

Concen: 7.578 ug/l

RT: 9.44 min Scan# 1403

Delta R.T. -0.05 min

Lab File: VX014404.D

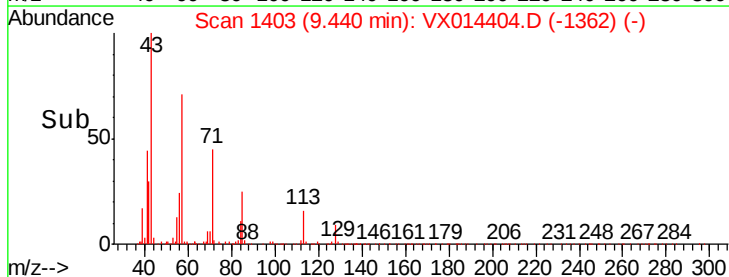
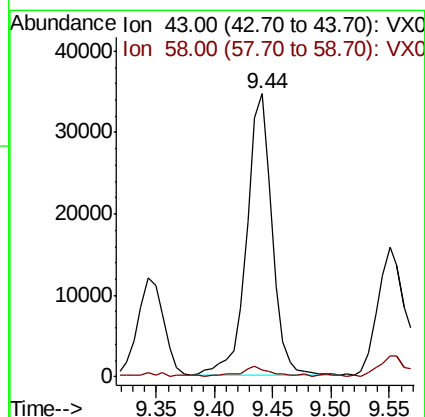
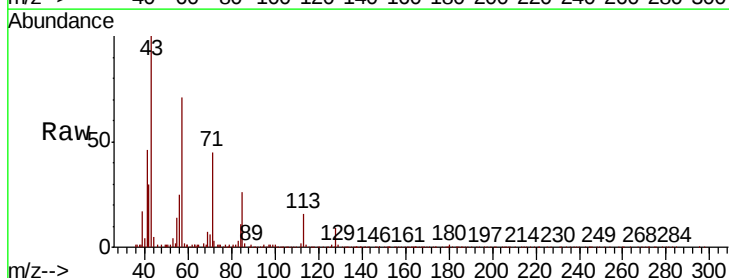
Acq: 03 Jan 2020 16:37

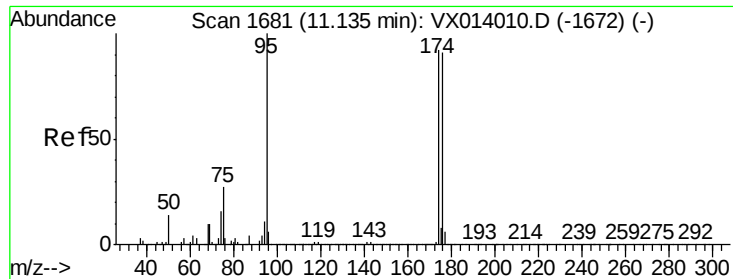
Tgt Ion: 43 Resp: 52854

Ion Ratio Lower Upper

43 100

58 4.3 28.0 84.0#

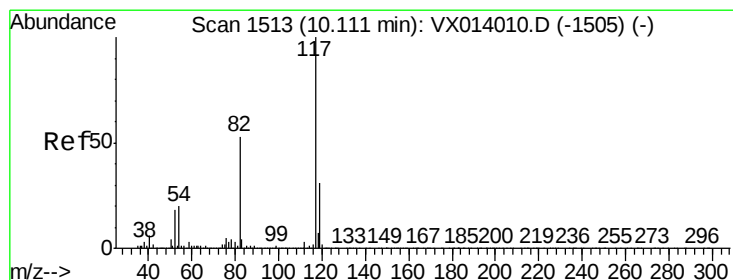
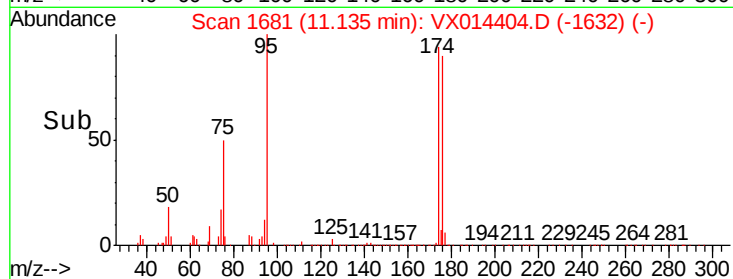
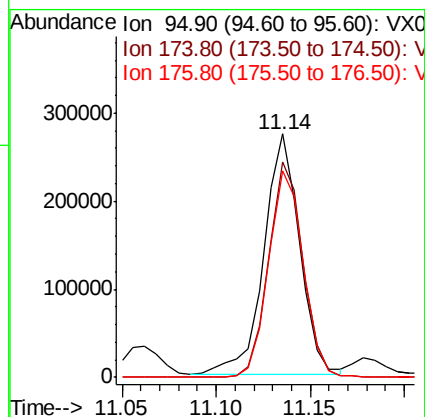
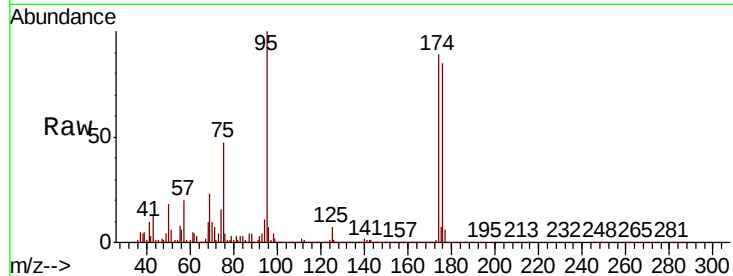




#62
4-Bromofluorobenzene
Concen: 50.561 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

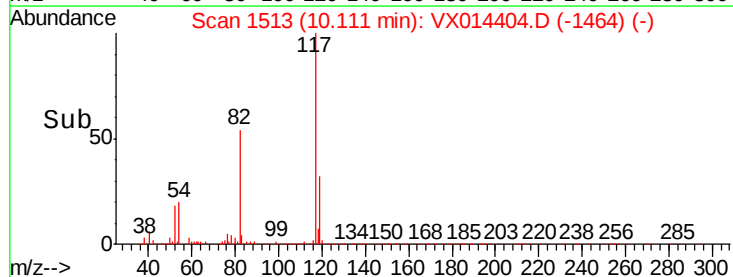
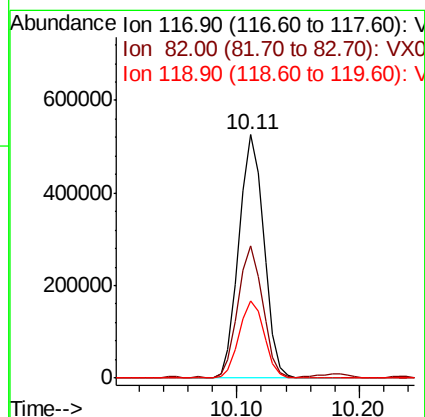
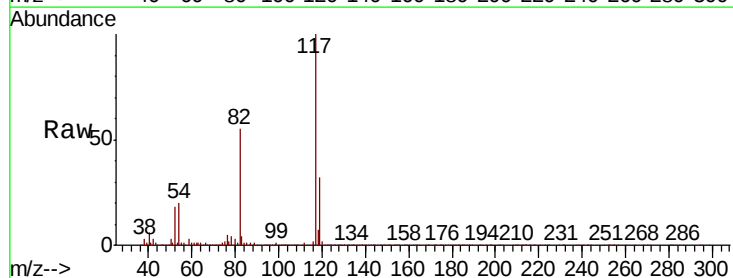
Instrument :
MSVOA_X
ClientSampleId :

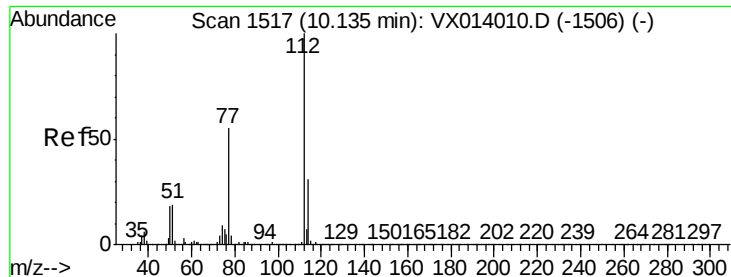
Tot Ion	Ratio	Lower	Upper
95	100		
174	85.5	0.0	175.8
176	83.2	0.0	173.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.2	63.4
119	31.9	25.1	37.7





#65

Chlorobenzene

Concen: 18.966 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

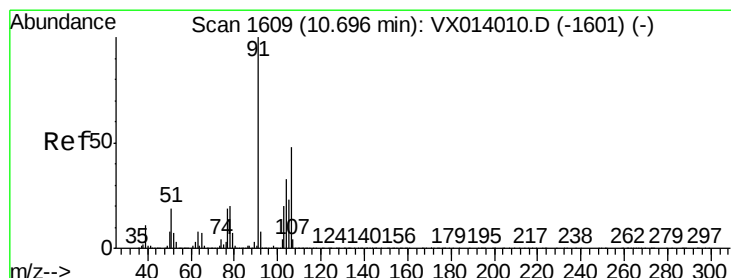
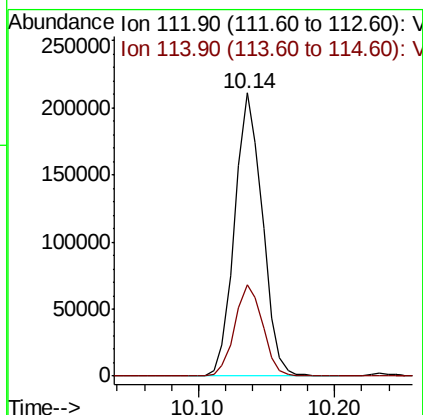
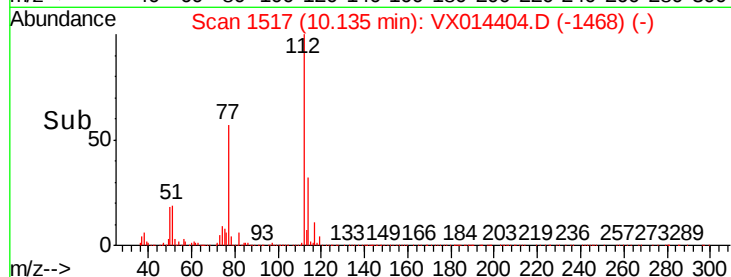
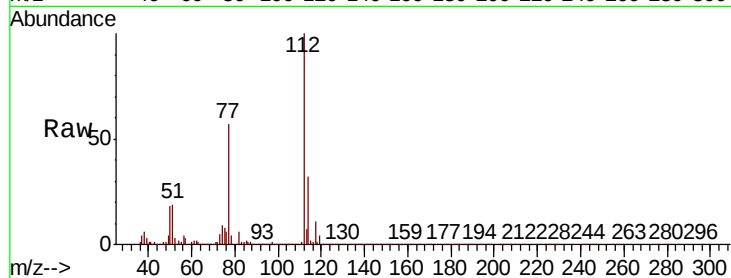
ClientSampled :

Tot Ion:112 Resp: 299452

Ion Ratio Lower Upper

112 100

114 32.2 24.9 37.3



#69

o-Xylene

Concen: 0.219 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX014404.D

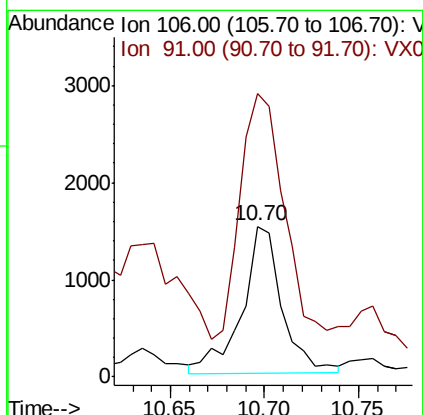
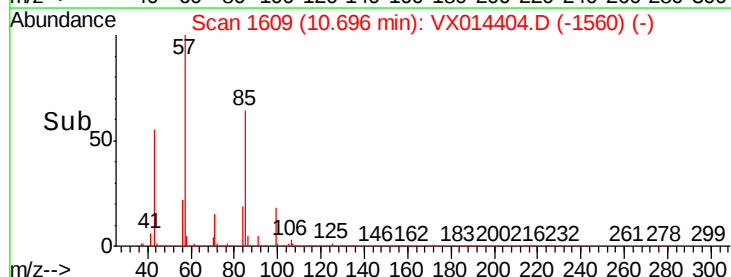
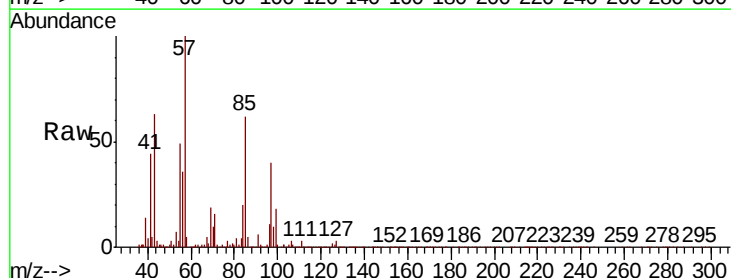
Acq: 03 Jan 2020 16:37

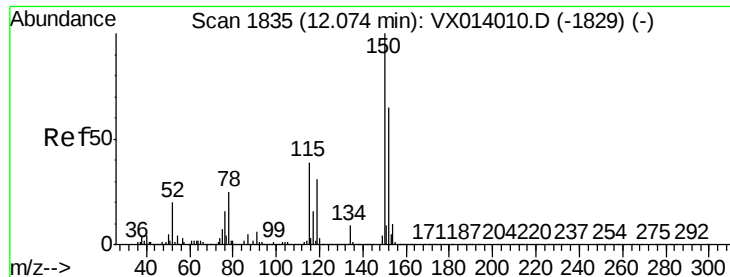
Tgt Ion:106 Resp: 2240

Ion Ratio Lower Upper

106 100

91 179.2 104.2 312.6



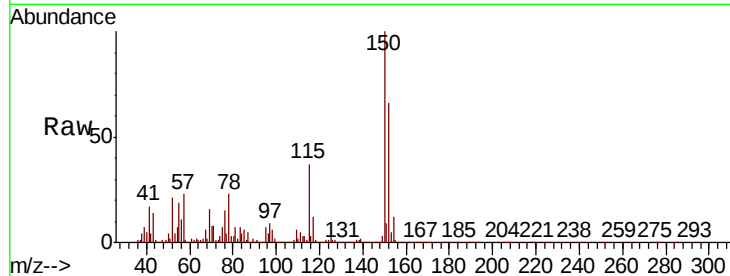


#72

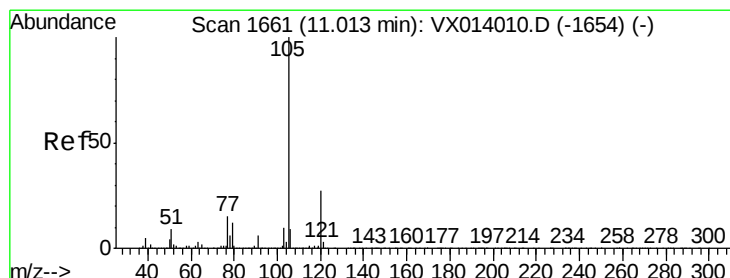
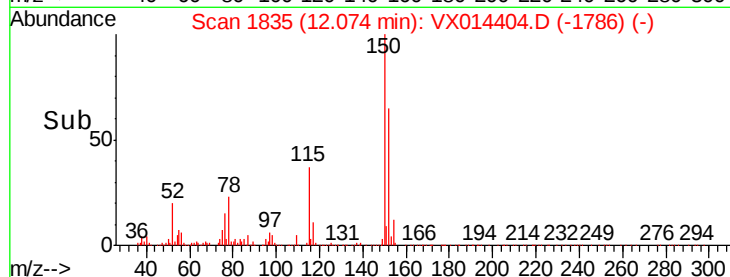
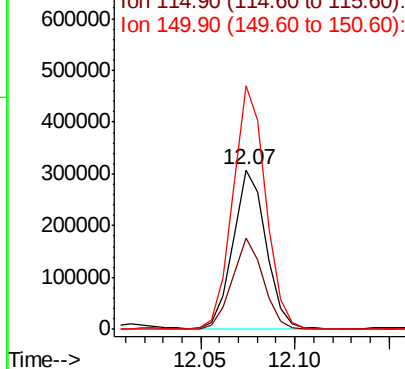
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.7	38.3	114.9
150	151.8	0.0	345.4



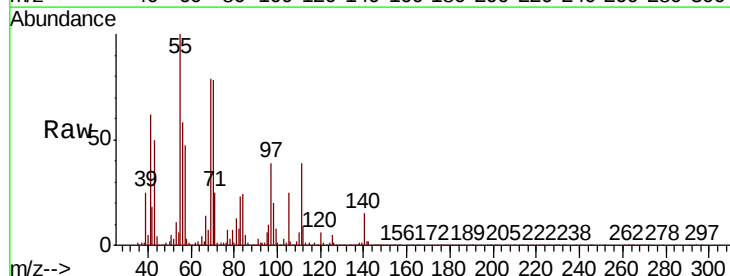
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



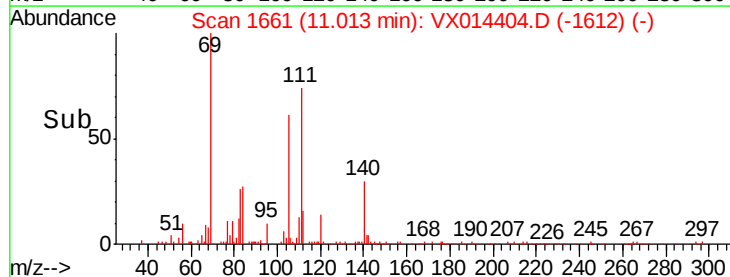
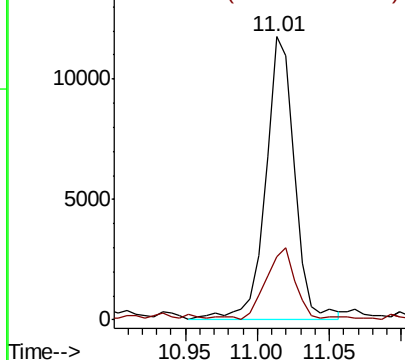
#73

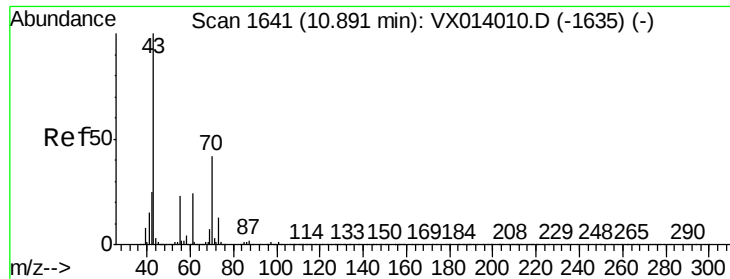
Isopropylbenzene
Concen: 0.623 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.2	13.5	40.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 6.673 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 82238

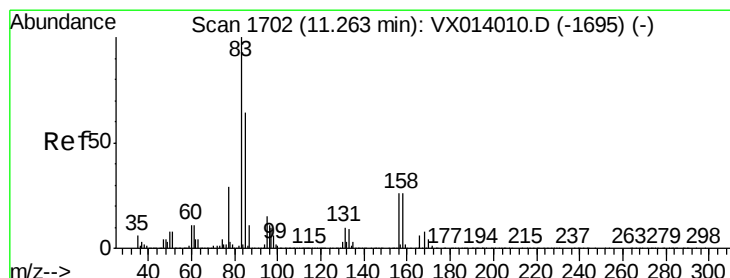
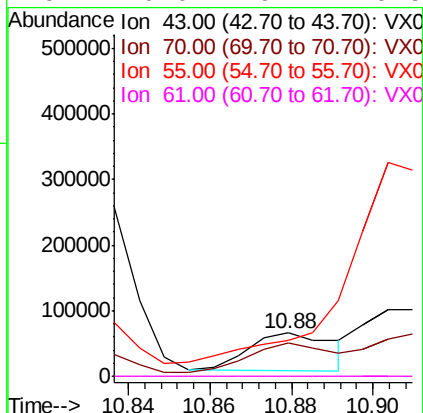
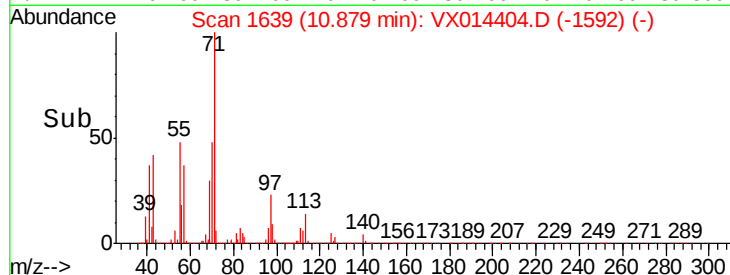
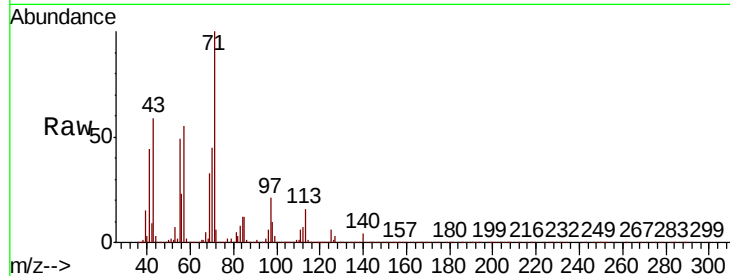
Ion Ratio Lower Upper

43 100

70 84.3 34.4 51.6#

55 0.0 19.1 28.7#

61 0.0 19.7 29.5#



#75

1,1,2,2-Tetrachloroethane

Concen: 14.471 ug/l

RT: 11.27 min Scan# 1703

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

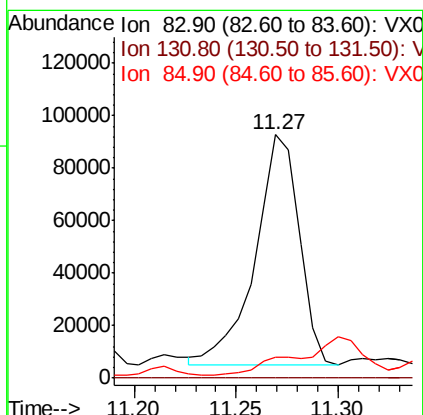
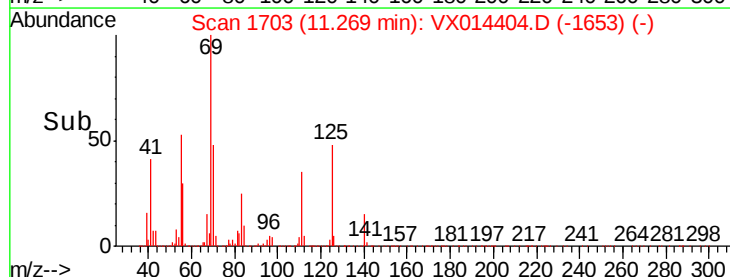
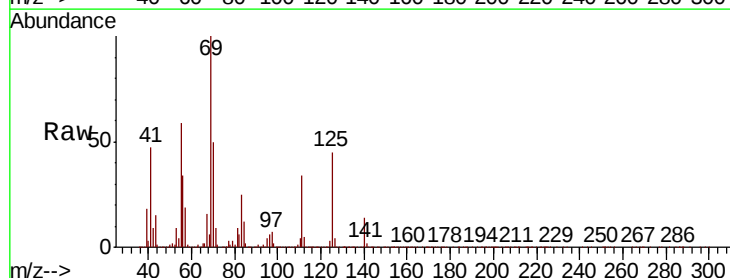
Tgt Ion: 83 Resp: 131907

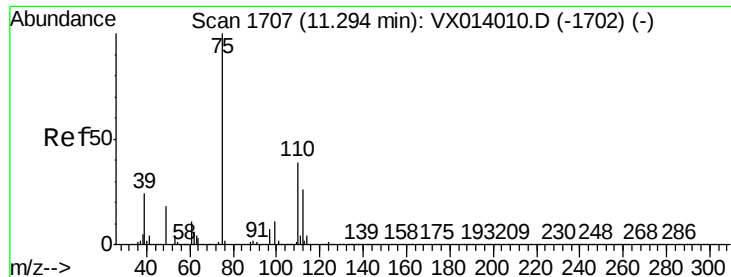
Ion Ratio Lower Upper

83 100

131 0.2 5.1 15.2#

85 0.0 31.9 95.7#





#76

1,2,3-Trichloropropane

Concen: 20.519 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

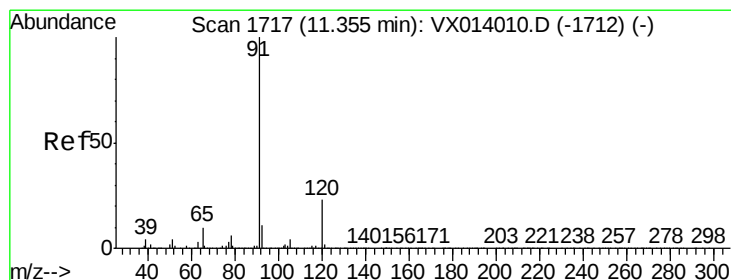
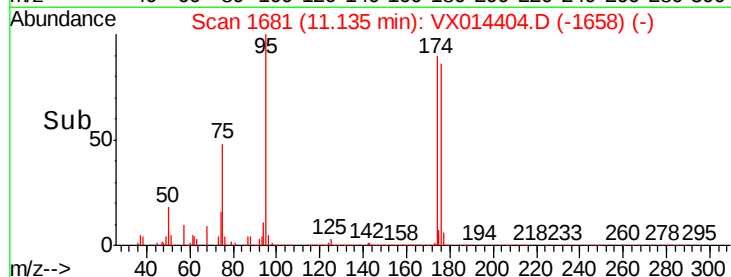
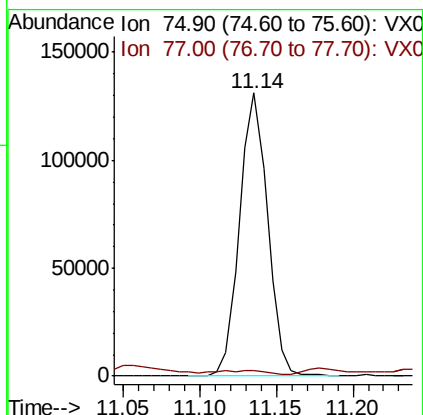
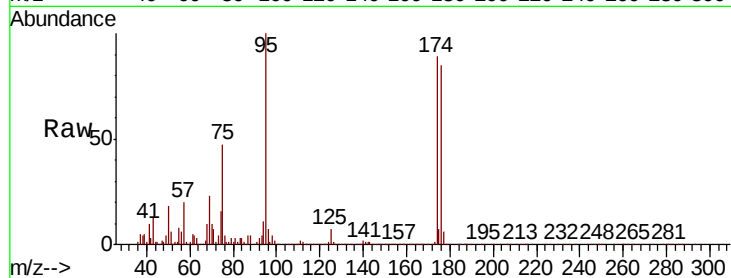
ClientSampleId :

Tot Ion: 75 Resp: 166352

Ion Ratio Lower Upper

75 100

77 2.3 19.3 57.8#



#78

n-propylbenzene

Concen: 0.382 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX014404.D

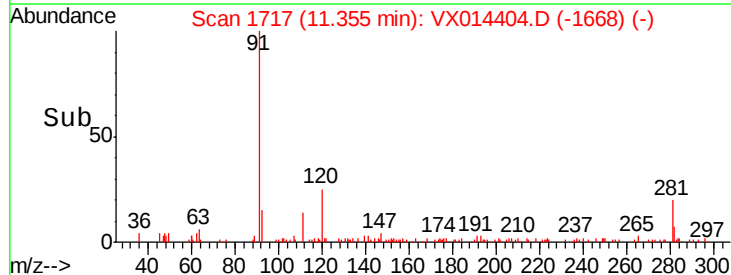
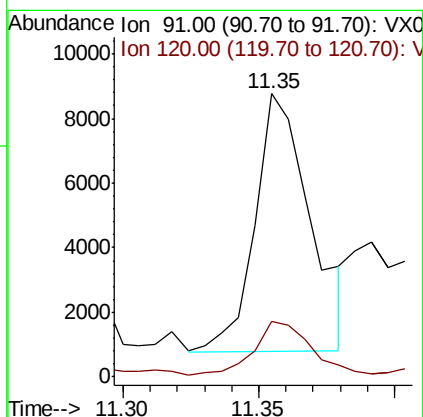
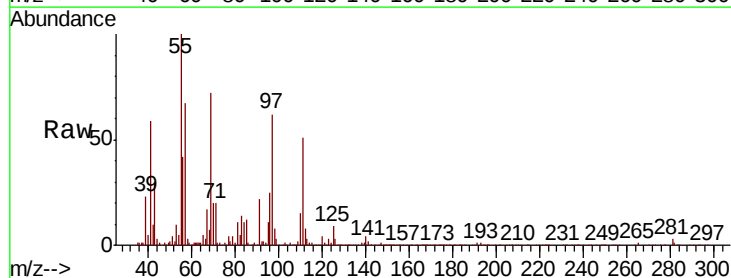
Acq: 03 Jan 2020 16:37

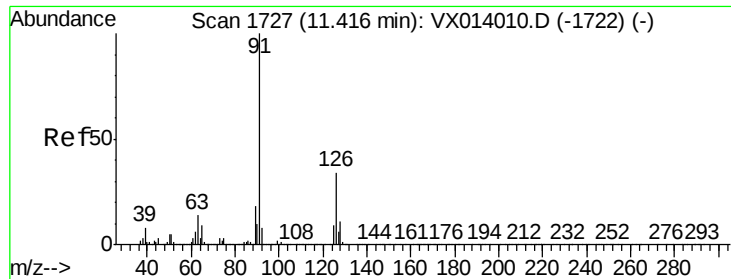
Tgt Ion: 91 Resp: 11259

Ion Ratio Lower Upper

91 100

120 22.1 11.7 35.0





#79

2-Chlorotoluene

Concen: 0.300 ug/l

RT: 11.48 min Scan# 1737

Delta R.T. 0.06 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

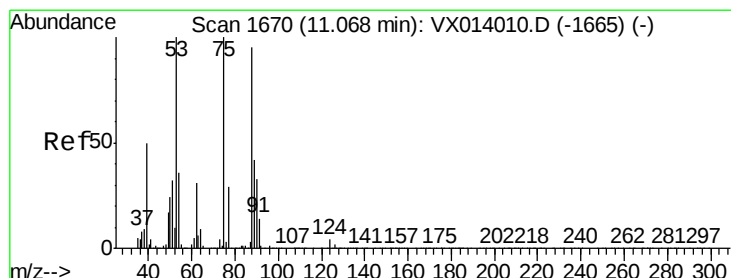
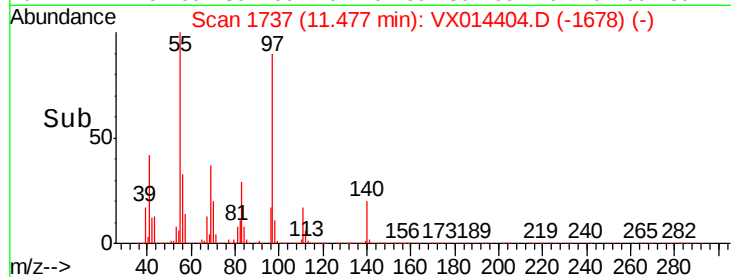
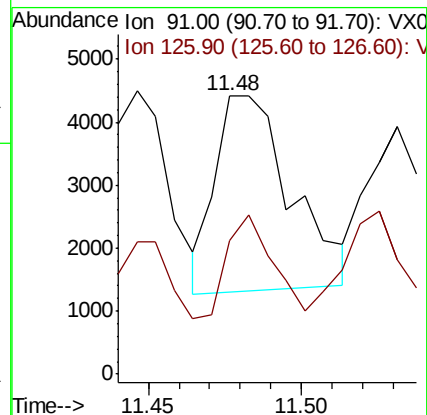
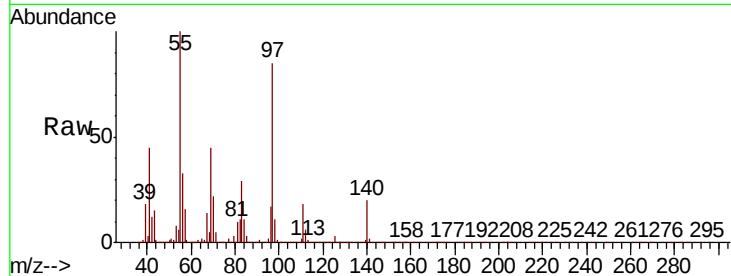
ClientSampled :

Tot Ion: 91 Resp: 5374

Ion Ratio Lower Upper

91 100

126 32.3 17.2 51.6



#81

trans-1,4-Dichloro-2-butene

Concen: 57.915 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

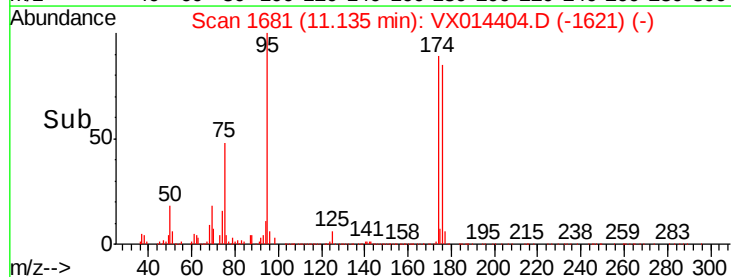
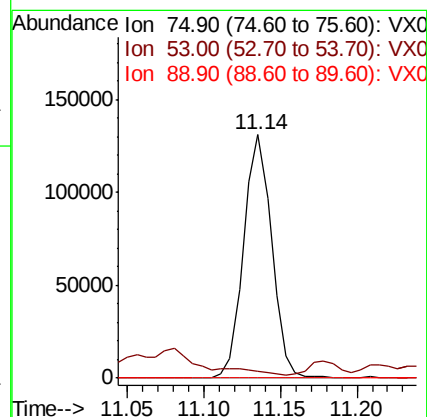
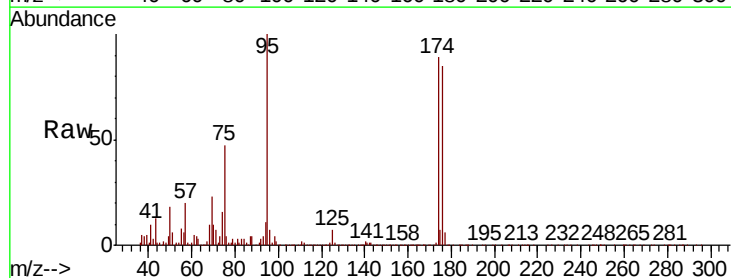
Tgt Ion: 75 Resp: 166352

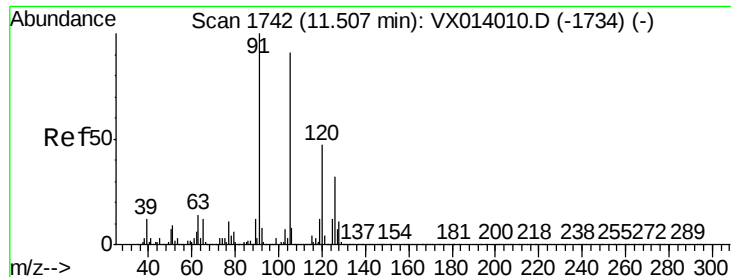
Ion Ratio Lower Upper

75 100

53 0.0 76.7 115.1#

89 0.4 34.6 51.8#





#82

4-Chlorotoluene

Concen: 0.204 ug/l

RT: 11.53 min Scan# 1746

Delta R.T. 0.02 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

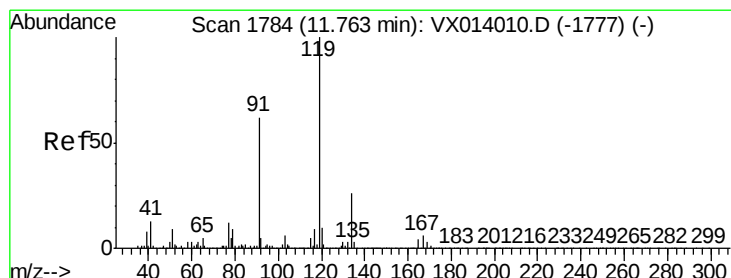
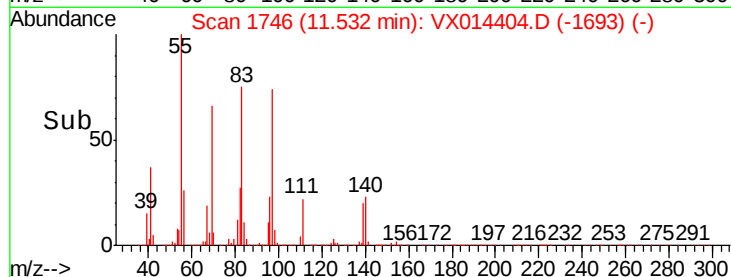
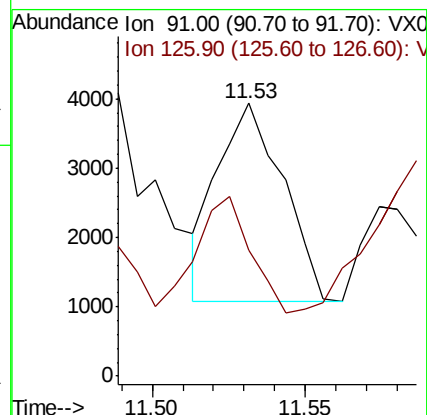
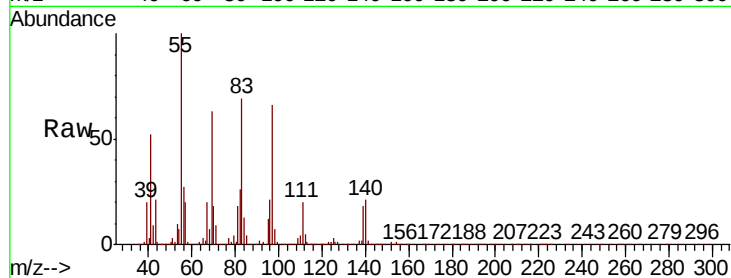
ClientSampled :

Tot Ion: 91 Resp: 4238

Ion Ratio Lower Upper

91 100

126 64.7 15.6 46.8#



#83

tert-Butylbenzene

Concen: 1.619 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

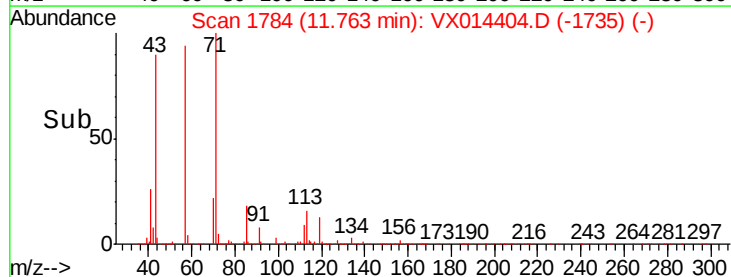
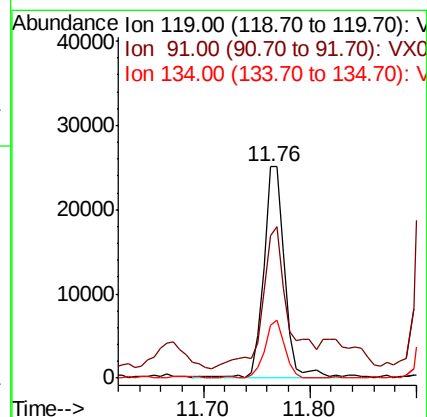
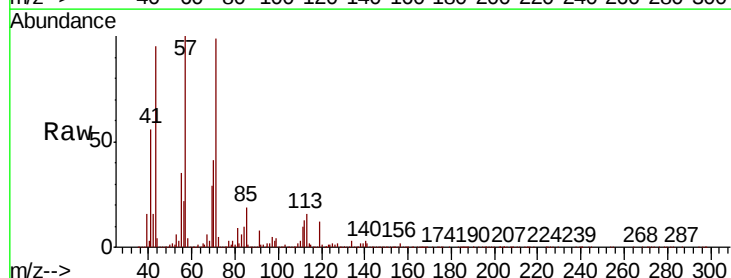
Tgt Ion: 119 Resp: 34859

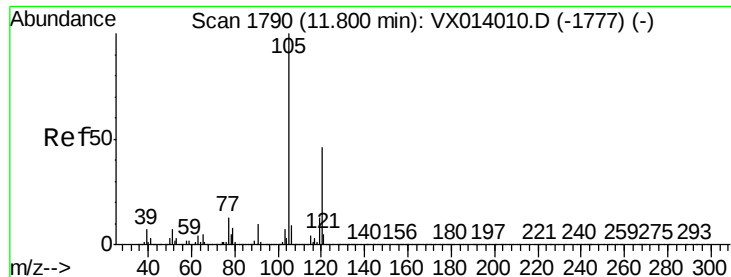
Ion Ratio Lower Upper

119 100

91 80.9 28.5 85.6

134 25.0 12.2 36.6

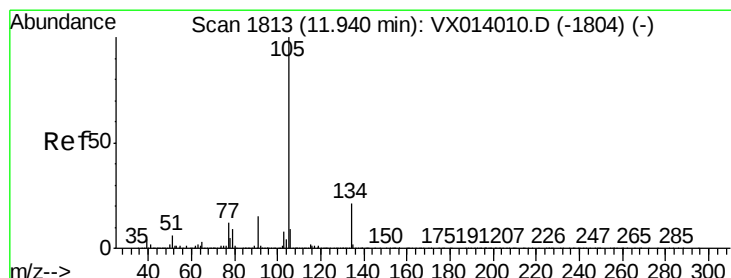
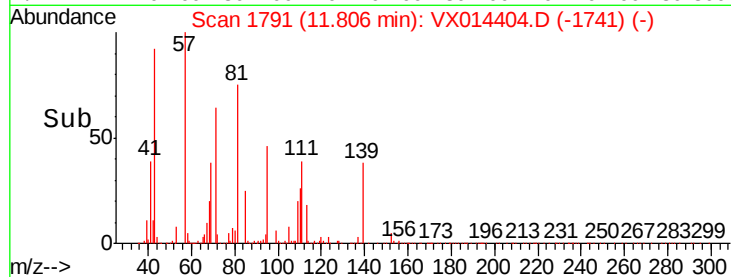
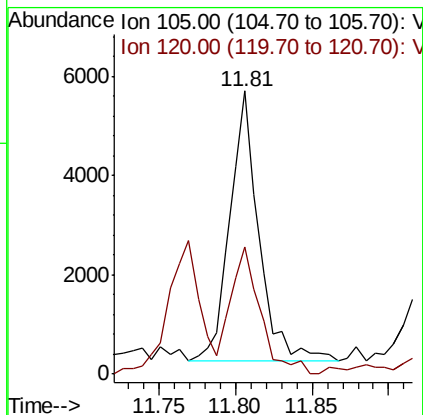
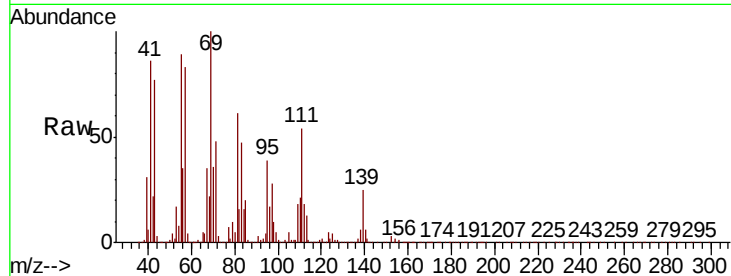




#84
 1,2,4-Trimethylbenzene
 Concen: 0.320 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.01 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

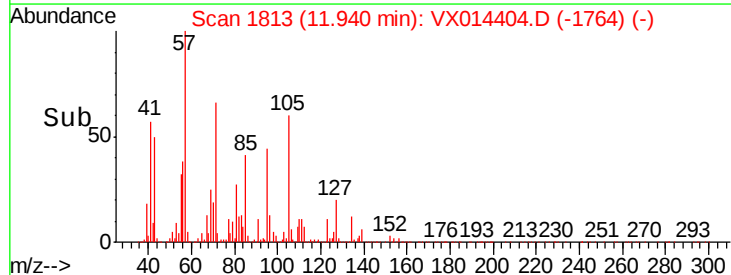
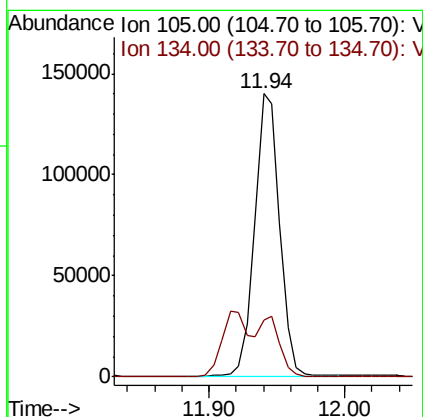
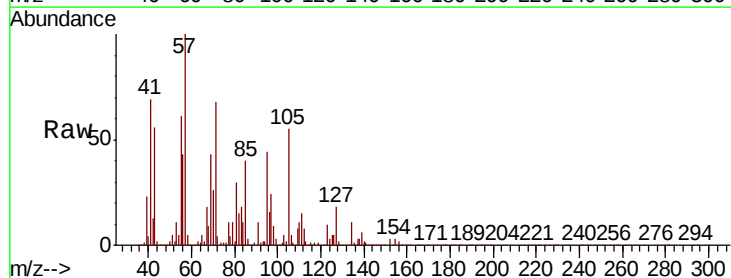
Instrument :
 MSVOA_X
 ClientSampleId :

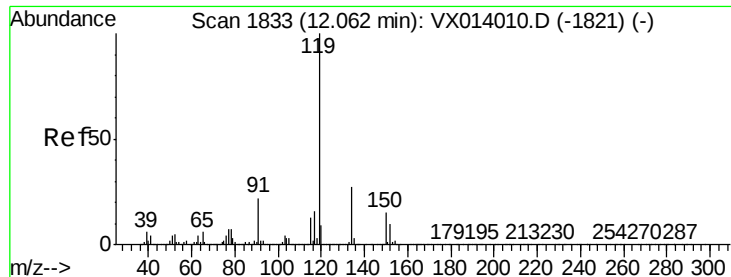
Tot Ion:105 Resp: 7100
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.1 69.2



#85
 sec-Butylbenzene
 Concen: 7.106 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX014404.D
 Acq: 03 Jan 2020 16:37

Tgt Ion:105 Resp: 180640
 Ion Ratio Lower Upper
 105 100
 134 16.4 10.4 31.1

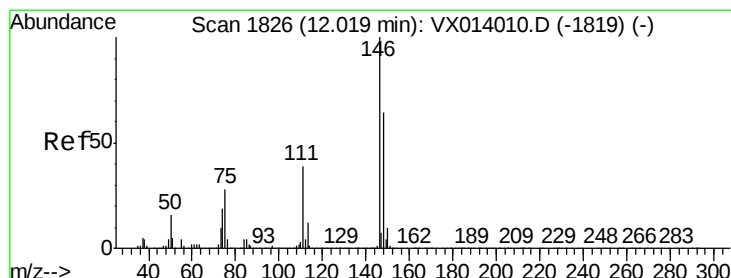
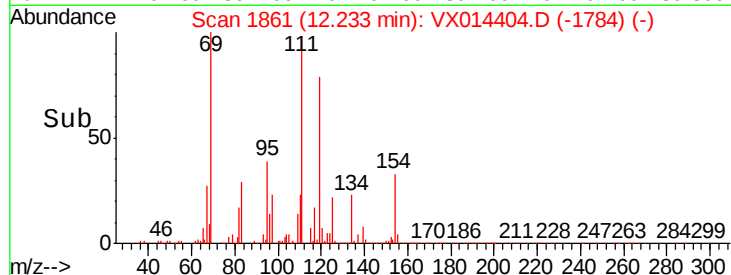
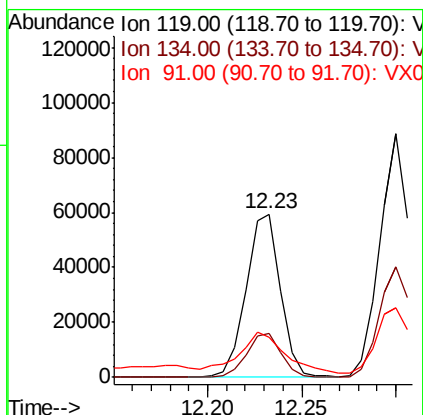
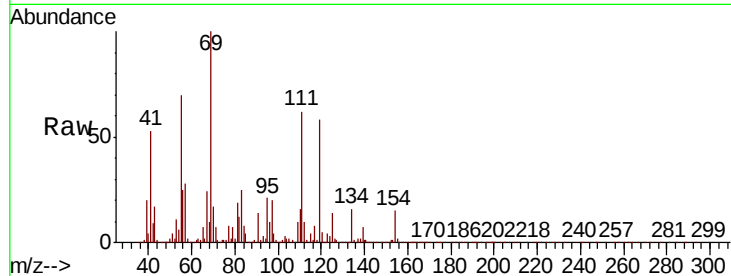




#86
p-Isopropyltoluene
Concen: 3.204 ug/l
RT: 12.23 min Scan# 1861
Delta R.T. 0.17 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

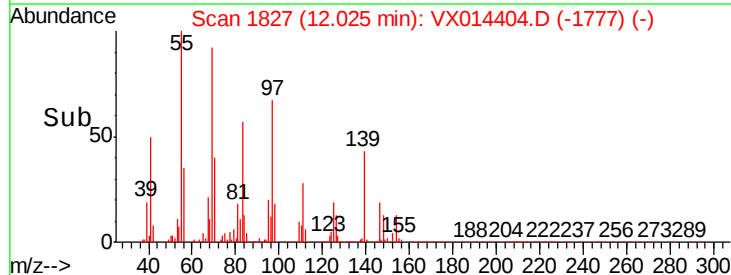
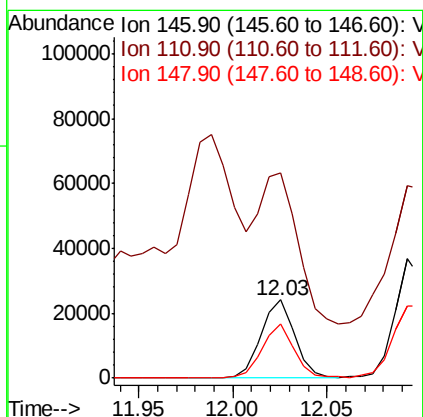
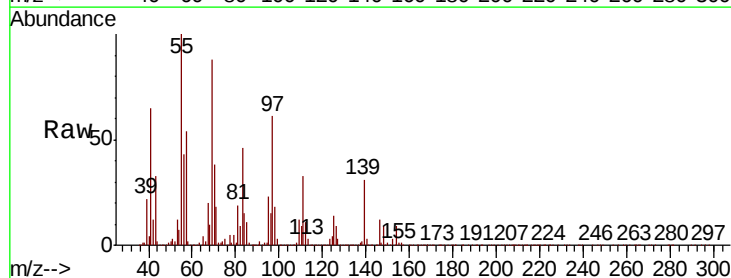
Instrument :
MSVOA_X
ClientSampled :

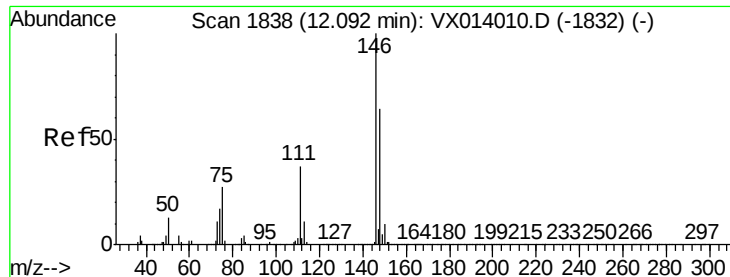
Tot Ion:119 Resp: 74504
Ion Ratio Lower Upper
119 100
134 27.6 13.4 40.1
91 33.5 11.4 34.1



#87
1,3-Dichlorobenzene
Concen: 2.351 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion:146 Resp: 29810
Ion Ratio Lower Upper
146 100
111 224.3 19.1 57.1#
148 65.9 32.3 96.9





#88

1,4-Dichlorobenzene

Concen: 3.544 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

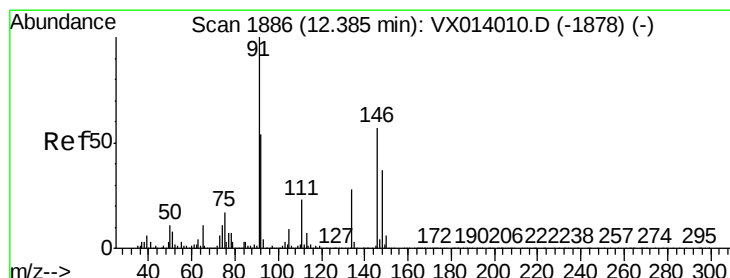
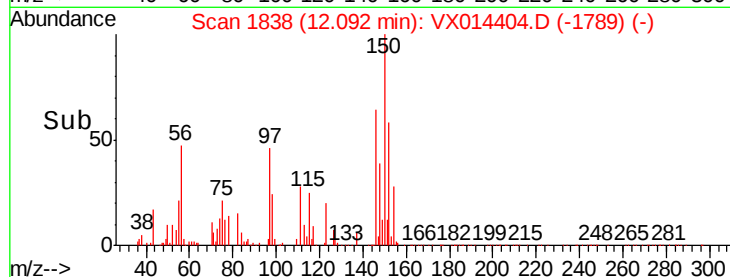
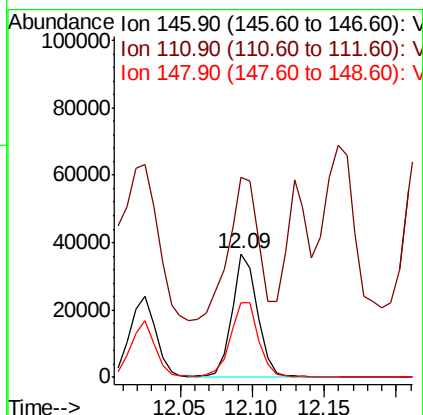
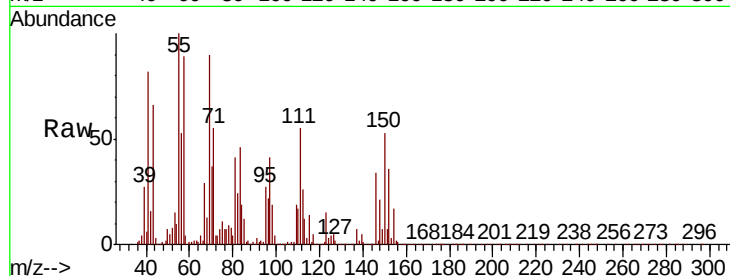
Tot Ion:146 Resp: 45685

Ion Ratio Lower Upper

146 100

111 146.2 18.7 56.1#

148 66.5 31.9 95.9



#89

n-Butylbenzene

Concen: 12.406 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

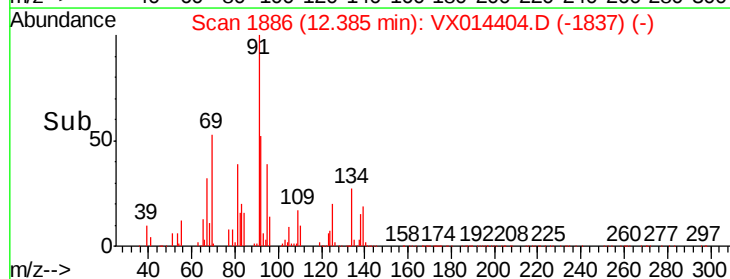
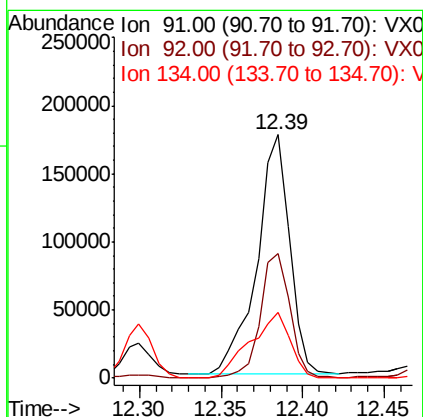
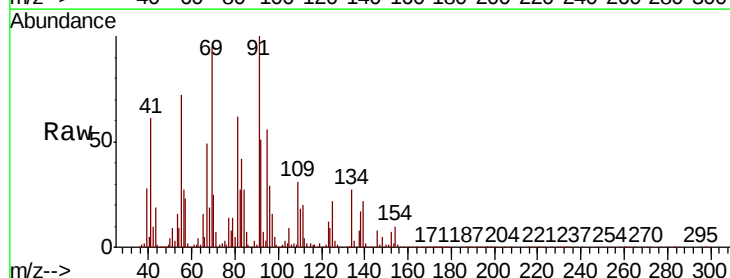
Tgt Ion: 91 Resp: 246157

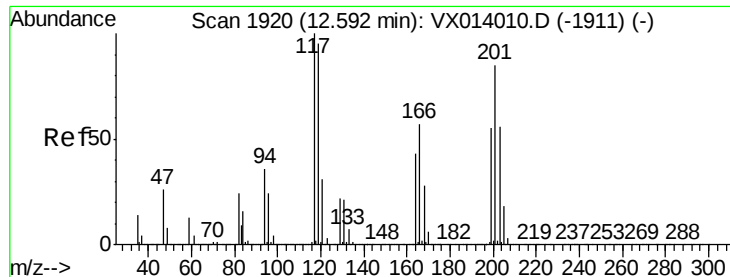
Ion Ratio Lower Upper

91 100

92 46.5 27.2 81.6

134 33.0 13.4 40.1





#90

Hexachloroethane

Concen: 1.957 ug/l

RT: 12.59 min Scan# 1919

Delta R.T. -0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

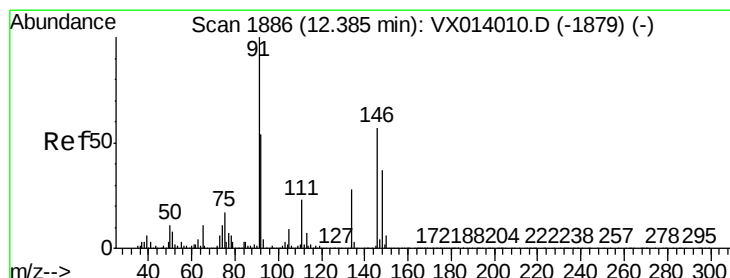
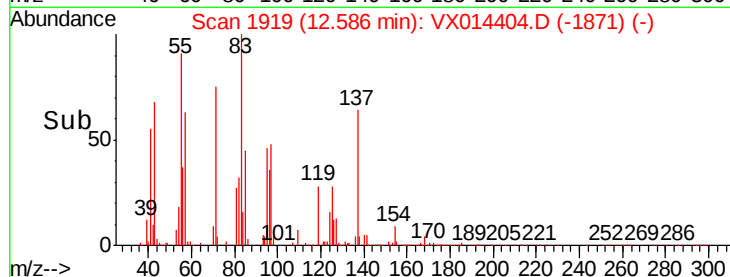
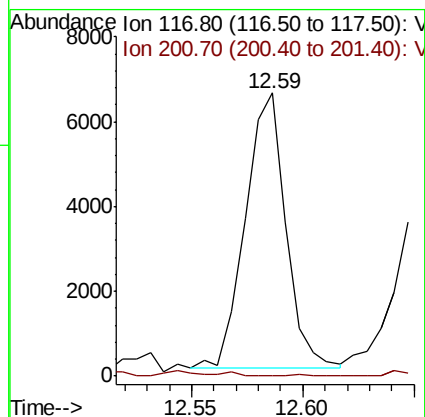
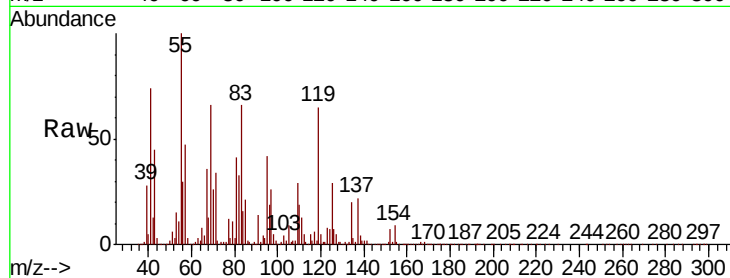
ClientSampleId :

Tot Ion:117 Resp: 8173

Ion Ratio Lower Upper

117 100

201 0.3 43.1 129.3#



#91

1,2-Dichlorobenzene

Concen: 1.647 ug/l

RT: 12.39 min Scan# 1887

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

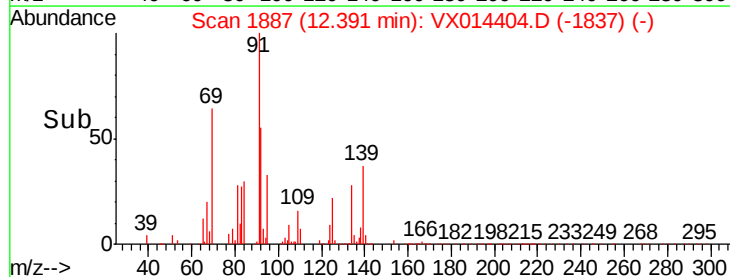
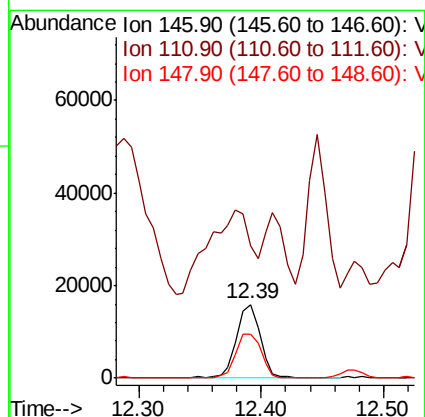
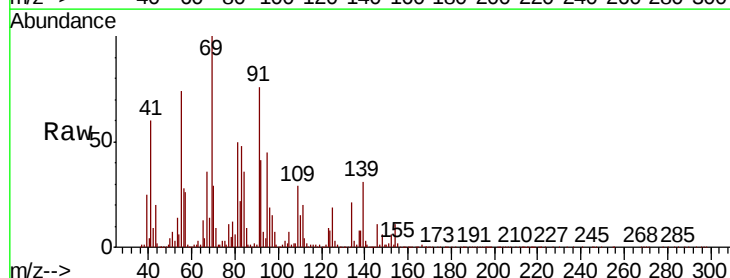
Tgt Ion:146 Resp: 21019

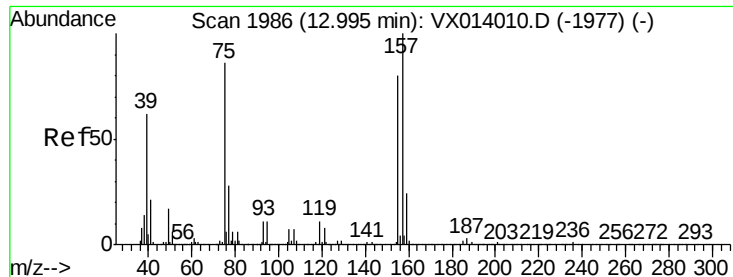
Ion Ratio Lower Upper

146 100

111 210.1 19.7 59.1#

148 66.0 32.1 96.5





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.301 ug/l

RT: 13.03 min Scan# 1991

Delta R.T. 0.03 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

Instrument :

MSVOA_X

ClientSampleId :

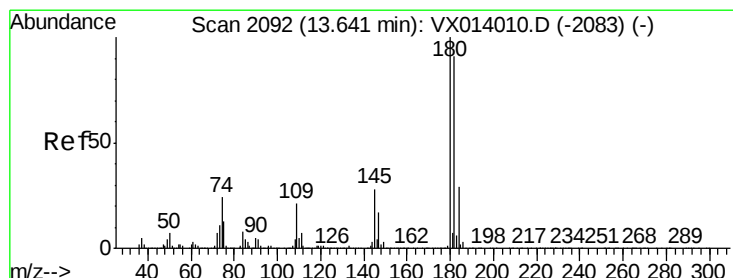
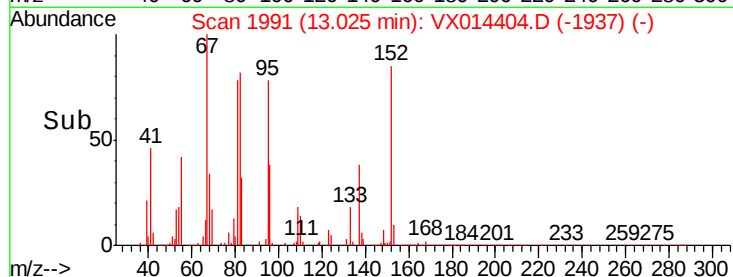
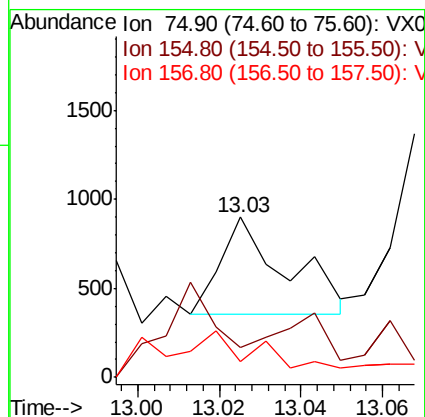
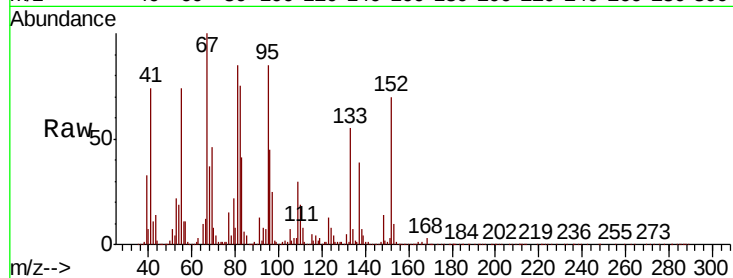
Tot Ion: 75 Resp: 608

Ion Ratio Lower Upper

75 100

155 84.9 46.9 140.6

157 74.3 60.8 182.4



#93

1,2,4-Trichlorobenzene

Concen: 0.460 ug/l

RT: 13.65 min Scan# 2093

Delta R.T. 0.01 min

Lab File: VX014404.D

Acq: 03 Jan 2020 16:37

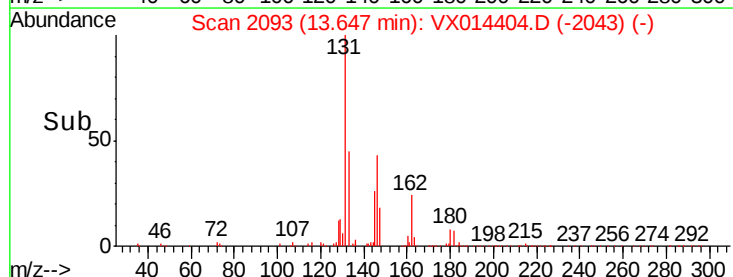
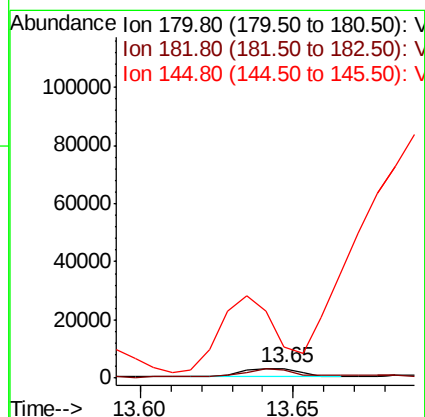
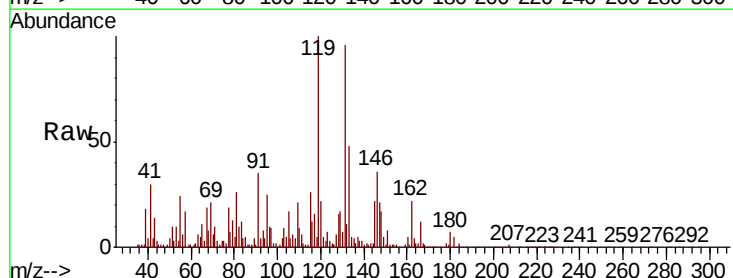
Tgt Ion:180 Resp: 3817

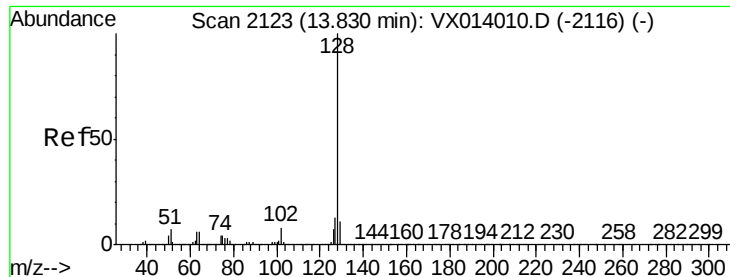
Ion Ratio Lower Upper

180 100

182 116.9 46.6 139.8

145 970.7 14.2 42.6#

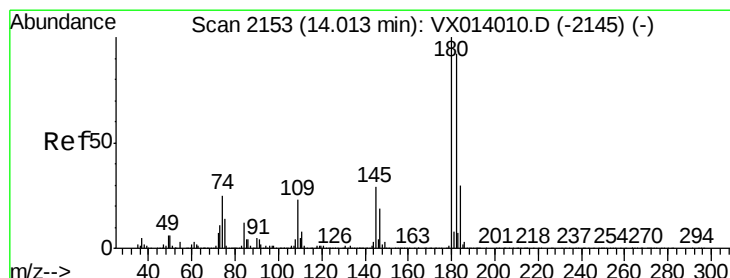
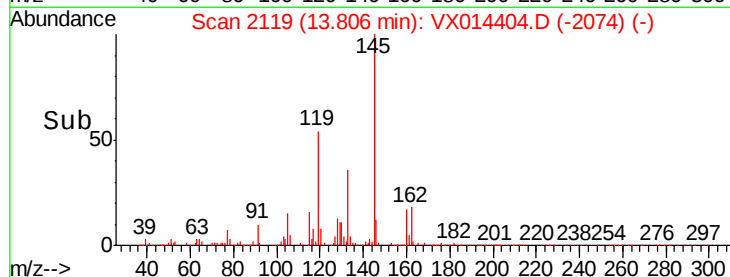
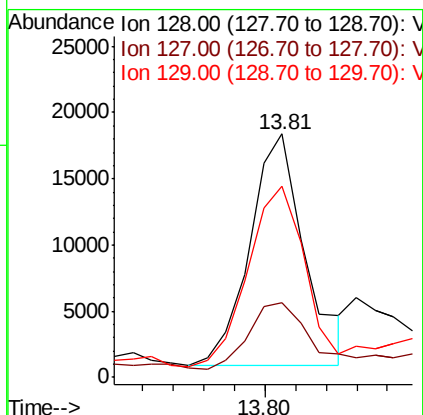
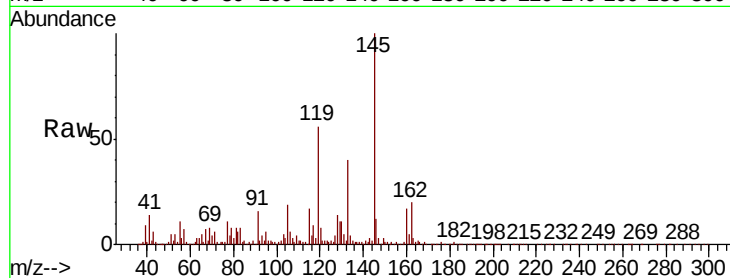




#95
Naphthalene
Concen: 0.893 ug/l
RT: 13.81 min Scan# 2119
Delta R.T. -0.02 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 21771
Ion Ratio Lower Upper
128 100
127 33.0 10.2 15.4#
129 85.7 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.264 ug/l
RT: 13.98 min Scan# 2147
Delta R.T. -0.04 min
Lab File: VX014404.D
Acq: 03 Jan 2020 16:37

Tgt Ion:180 Resp: 2161
Ion Ratio Lower Upper
180 100
182 25.4 46.8 140.3#
145 1540.7 14.8 44.4#

