

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112619\
 Data File : VX013635.D
 Acq On : 27 Nov 2019 06:12
 Operator : JC/SP
 Sample : K6002-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 27 07:19:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	673576	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1078462	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	963560	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	451015	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	386952	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
35) Dibromofluoromethane	5.49	113	325060	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	
50) Toluene-d8	8.71	98	1289230	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
62) 4-Bromofluorobenzene	11.14	95	445154	47.52	ug/l	0.00
Spiked Amount			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1557	0.245	ug/l #	32
6) Chloroethane	1.74	64	1506	0.280	ug/l #	41
11) Tert butyl alcohol	3.02	59	21316	11.045	ug/l #	74
13) Acrolein	2.25	56	703	6.535	ug/l #	1
15) Acrylonitrile	3.18	53	9065	2.276	ug/l #	54
16) Acetone	2.43	43	23910	6.194	ug/l	98
18) Methyl Acetate	2.84	43	32053	2.982	ug/l #	52
19) Methyl tert-butyl Ether	3.18	73	383310	18.050	ug/l #	73
22) Diisopropyl ether	3.84	45	5001	0.223	ug/l #	72
25) 2-Butanone	4.67	43	10782	1.879	ug/l	99
31) Cyclohexane	5.57	56	98476	8.526	ug/l #	89
36) 1,1-Dichloropropene	5.65	75	44374	4.533	ug/l #	51
38) Carbon Tetrachloride	5.65	117	59360	6.576	ug/l #	15
39) Methylcyclohexane	7.45	83	123263	10.186	ug/l	91
40) Benzene	6.14	78	397182	13.321	ug/l	100
43) Isopropyl Acetate	6.42	43	118752	6.568	ug/l #	20
44) Trichloroethene	7.22	130	3342	0.408	ug/l	50
47) Bromodichloromethane	7.84	83	4191	0.438	ug/l #	32
48) Methyl methacrylate	7.73	41	14674	1.670	ug/l #	47
49) 1,4-Dioxane	7.72	88	486	2.471	ug/l #	1
52) Toluene	8.78	92	16370	0.884	ug/l	95
55) 1,1,2-Trichloroethane	9.16	97	27721	3.714	ug/l #	20
56) Ethyl methacrylate	9.16	69	7076	0.590	ug/l #	20
58) 2-Chloroethyl Vinyl ether	8.57	63	1949	0.414	ug/l	97
59) 2-Hexanone	9.50	43	19831	2.236	ug/l	72
64) Tetrachloroethene	9.33	164	16635	2.315	ug/l	96
67) Ethyl Benzene	10.25	91	33946	0.987	ug/l	99
68) m/p-Xylenes	10.35	106	65781	4.998	ug/l	100
69) o-Xylene	10.70	106	16373	1.276	ug/l	99
73) Isopropylbenzene	11.01	105	45955	1.453	ug/l	98
74) N-amyl acetate	10.94	43	8069	0.557	ug/l #	43
76) 1,2,3-Trichloropropane	11.14	75	214398	21.135	ug/l #	38
78) n-propylbenzene	11.35	91	16700	0.473	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	12026	0.464	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

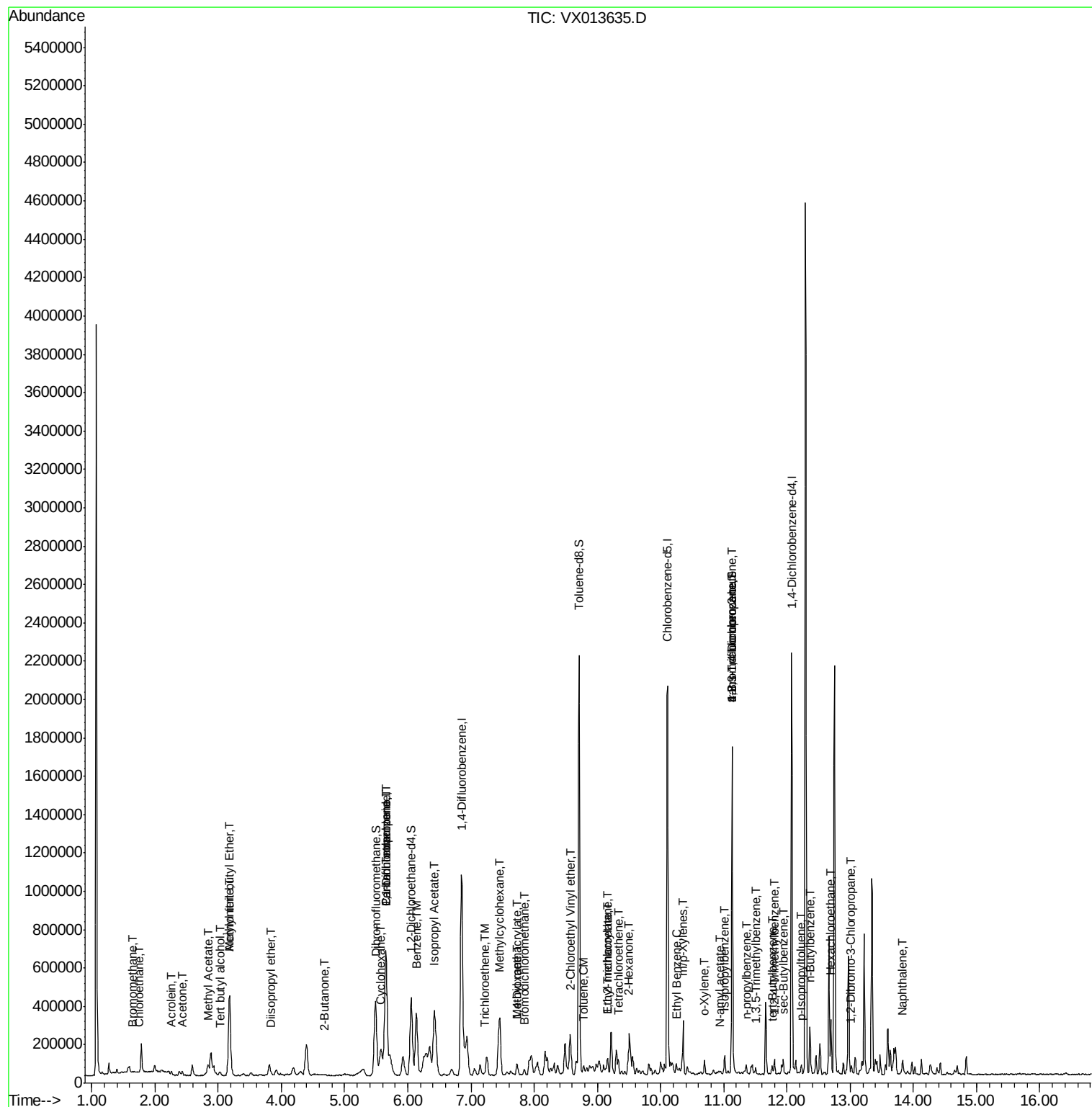
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.14	75	214398	57.822	ug/l #	11
83) tert-Butylbenzene	11.77	119	8804	0.334	ug/l	74
84) 1,2,4-Trimethylbenzene	11.81	105	37552	1.427	ug/l	99
85) sec-Butylbenzene	11.94	105	39364	1.308	ug/l	98
86) p-Isopropyltoluene	12.23	119	20878	0.746	ug/l #	76
89) n-Butylbenzene	12.36	91	28925	1.211	ug/l #	1
90) Hexachloroethane	12.70	117	90955	17.971	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1175	0.492	ug/l #	18
95) Naphthalene	13.83	128	50544	1.654	ug/l #	94

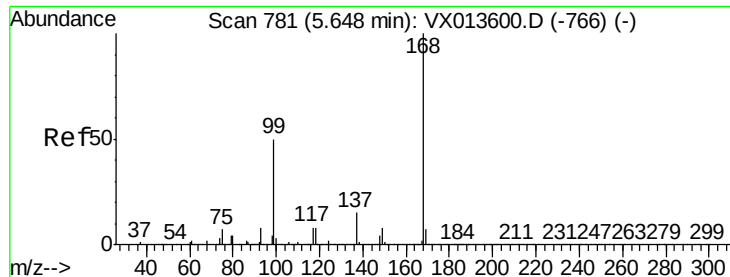
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

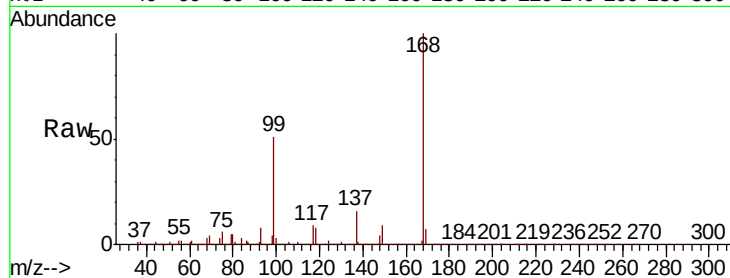
ClientSampled :

Tot Ion:168 Resp: 673576

Ion Ratio Lower Upper

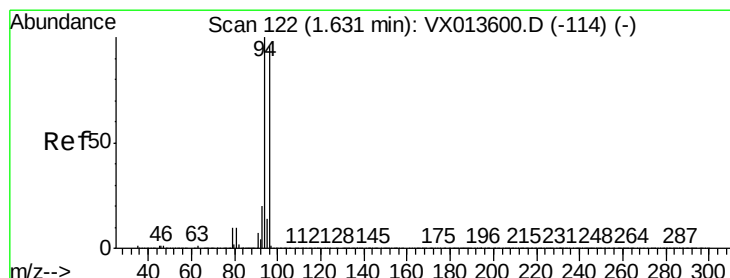
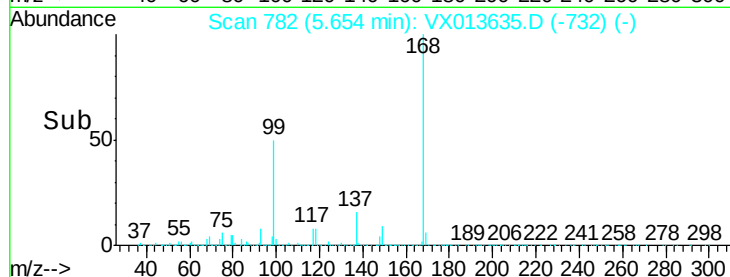
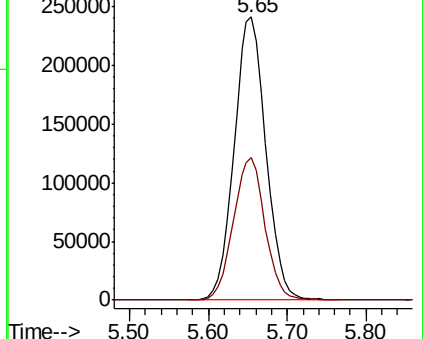
168 100

99 50.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.245 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013635.D

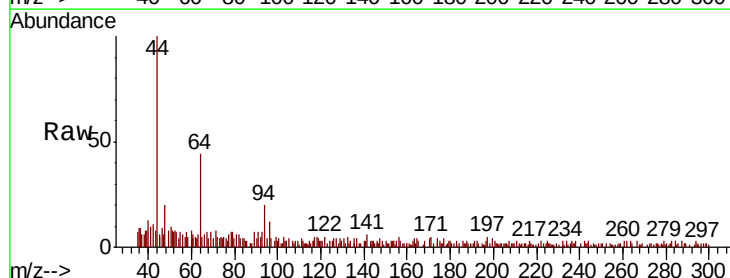
Acq: 27 Nov 2019 06:12

Tgt Ion: 94 Resp: 1557

Ion Ratio Lower Upper

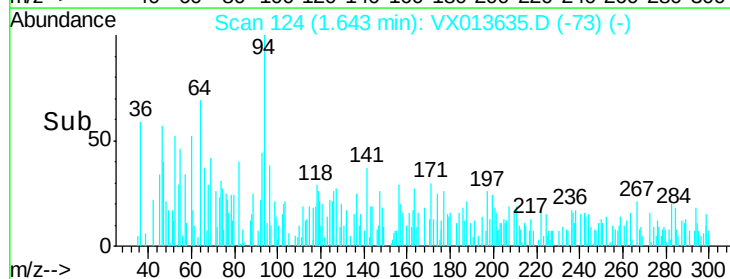
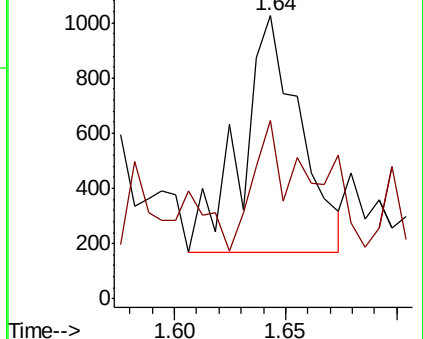
94 100

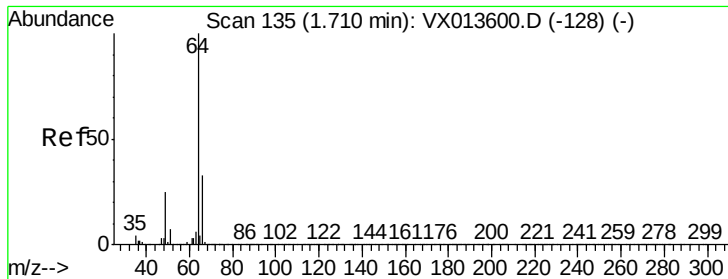
96 29.6 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.280 ug/l

RT: 1.74 min Scan# 140

Delta R.T. 0.03 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

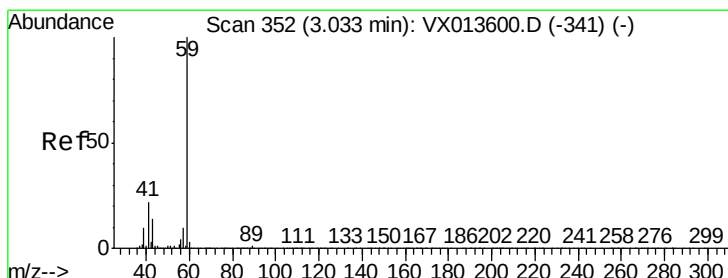
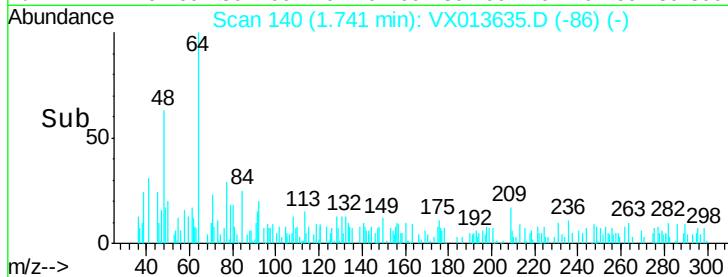
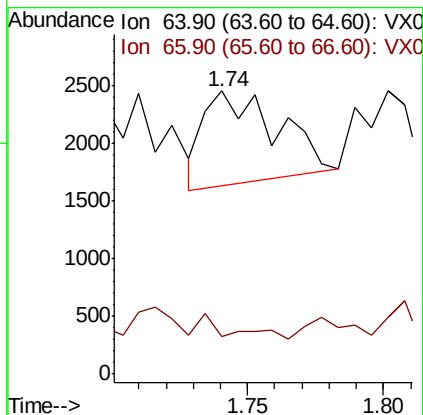
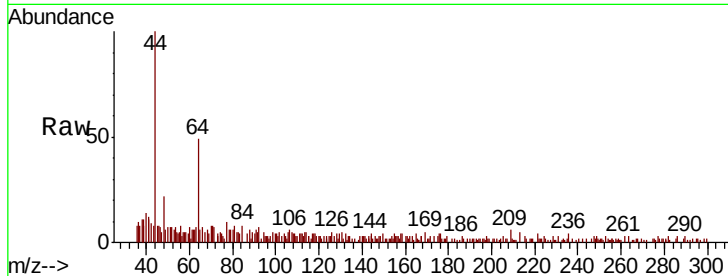
ClientSampleId :

Tot Ion: 64 Resp: 1506

Ion Ratio Lower Upper

64 100

66 0.0 26.7 40.1#



#11

Tert butyl alcohol

Concen: 11.045 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013635.D

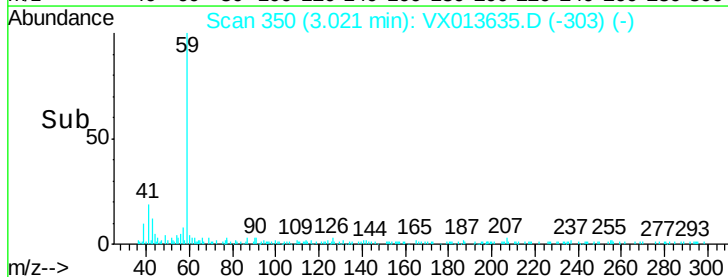
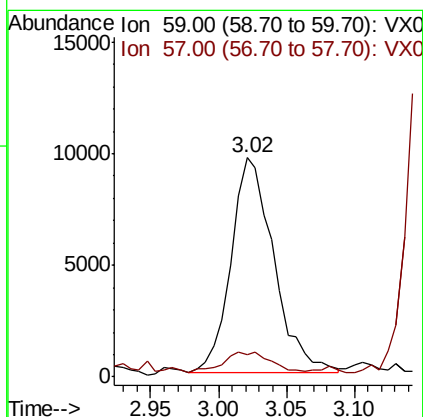
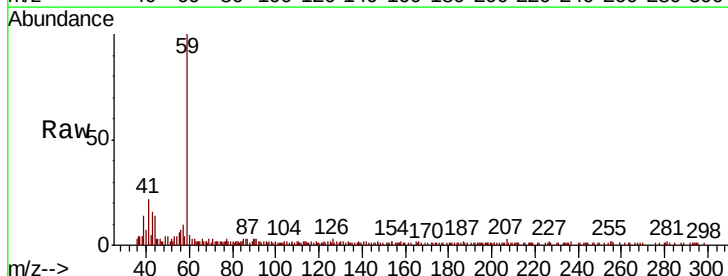
Acq: 27 Nov 2019 06:12

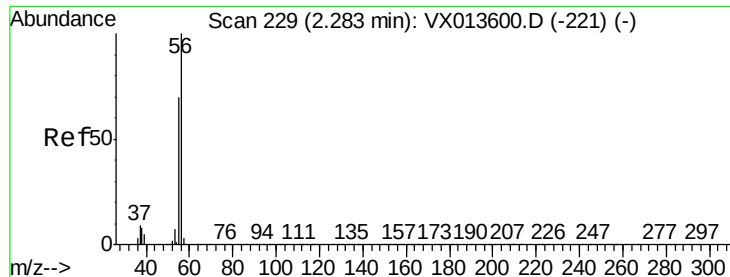
Tgt Ion: 59 Resp: 21316

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#





#13

Acrolein

Concen: 6.535 ug/l

RT: 2.25 min Scan# 224

Delta R.T. -0.03 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

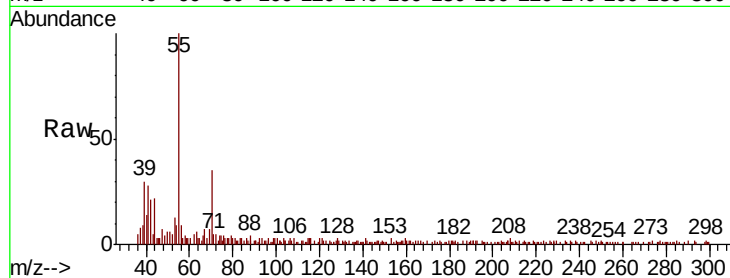
ClientSampleId :

Tot Ion: 56 Resp: 703

Ion Ratio Lower Upper

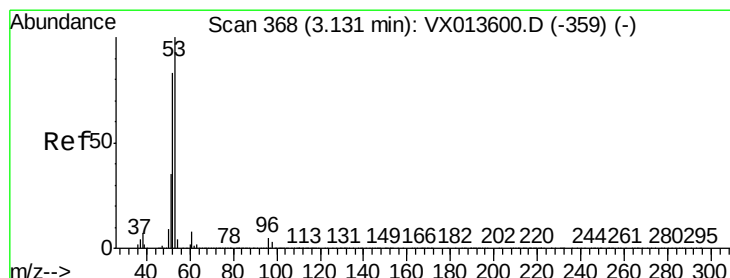
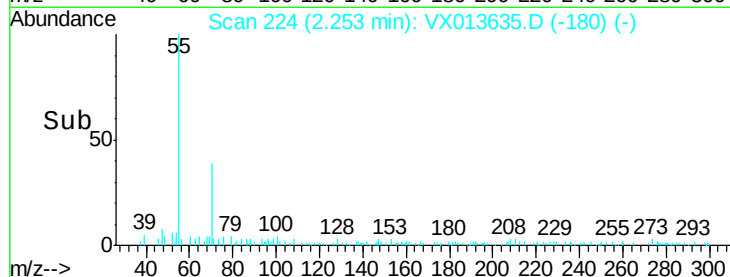
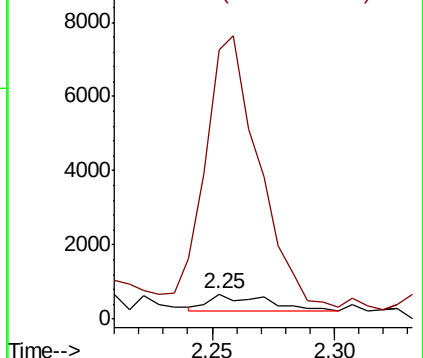
56 100

55 1624.0 56.2 84.4#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#15

Acrylonitrile

Concen: 2.276 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.05 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

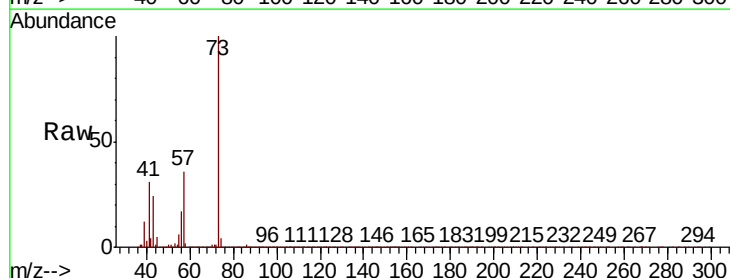
Tgt Ion: 53 Resp: 9065

Ion Ratio Lower Upper

53 100

52 32.4 66.2 99.2#

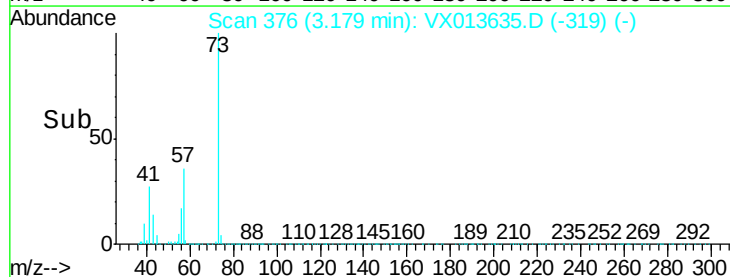
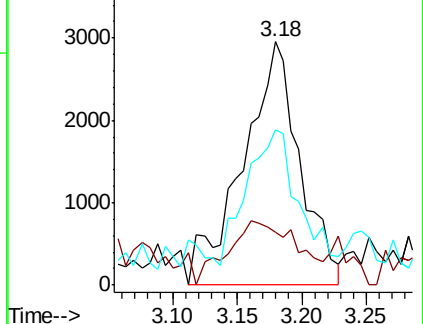
51 49.9 29.0 43.6#

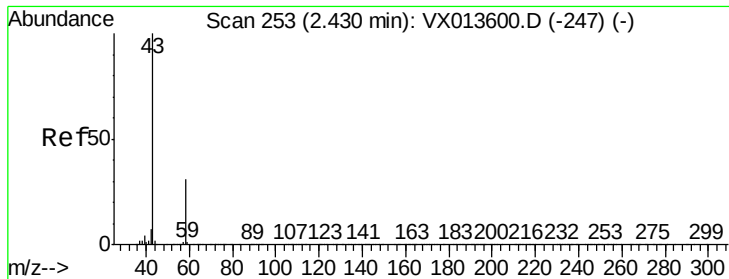


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

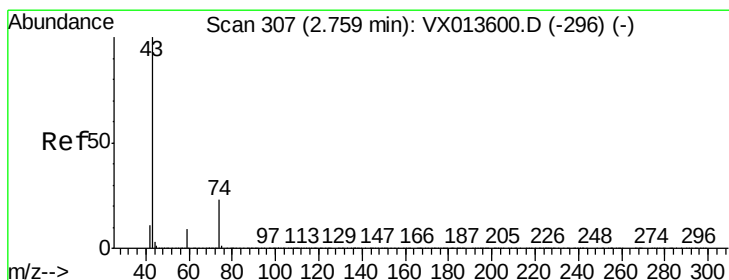
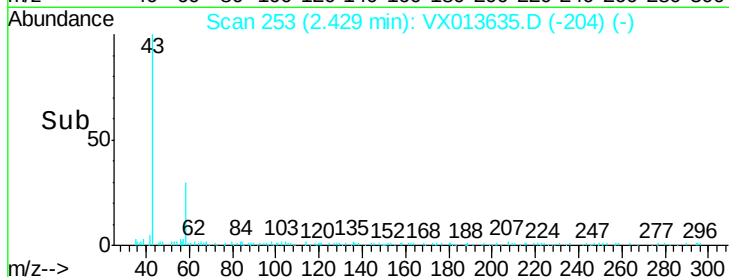
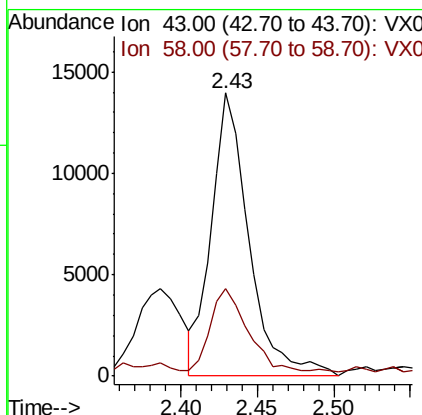
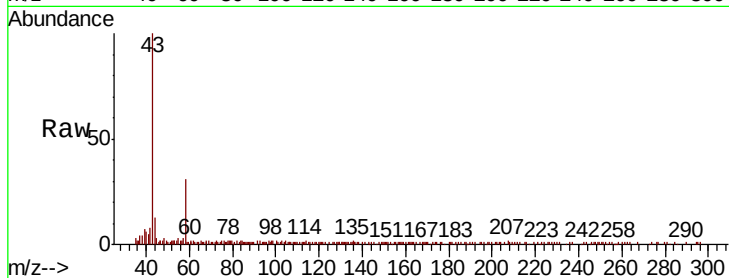




#16
Acetone
Concen: 6.194 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

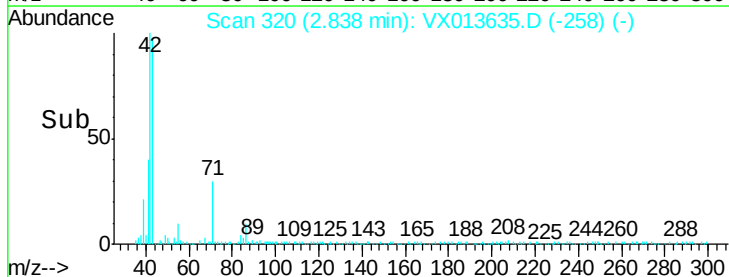
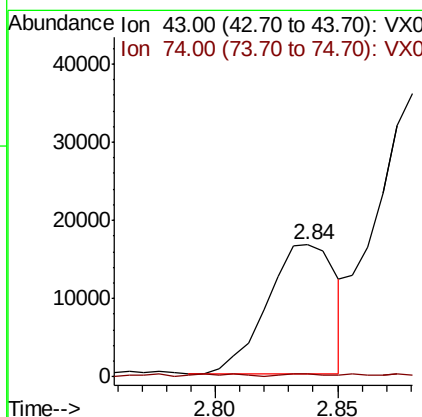
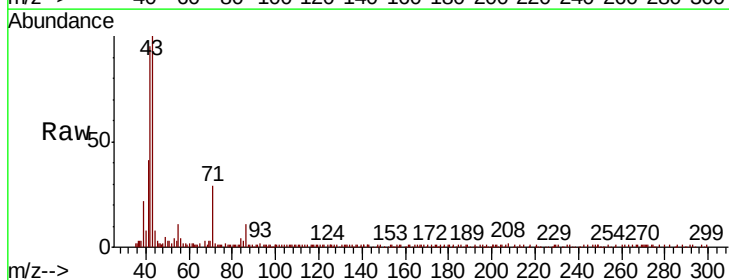
Instrument :
MSVOA_X
ClientSampleId :

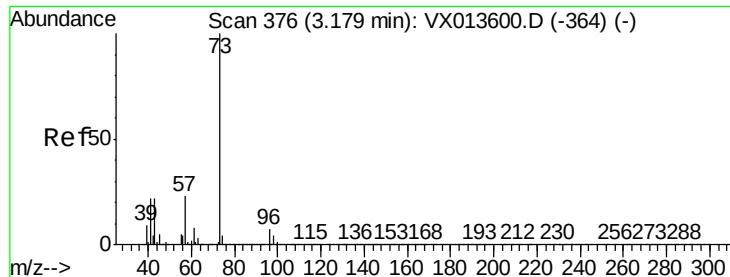
Tot Ion: 43 Resp: 23910
Ion Ratio Lower Upper
43 100
58 29.6 24.6 36.8



#18
Methyl Acetate
Concen: 2.982 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.08 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion: 43 Resp: 32053
Ion Ratio Lower Upper
43 100
74 0.8 19.5 29.3#



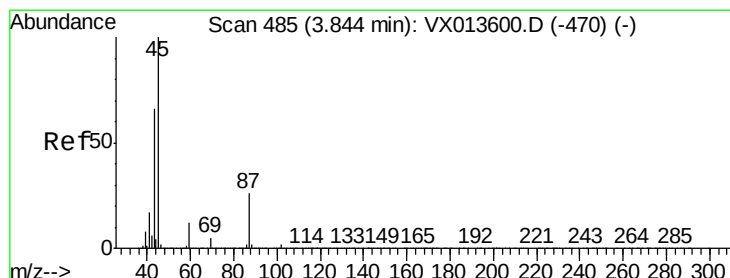
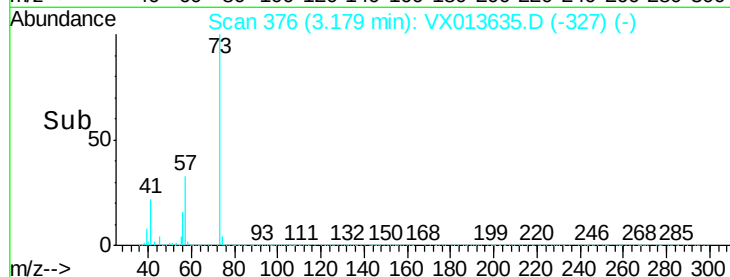
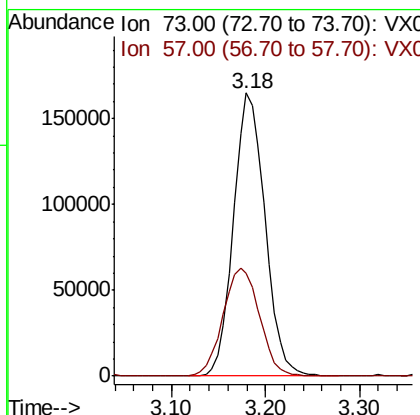
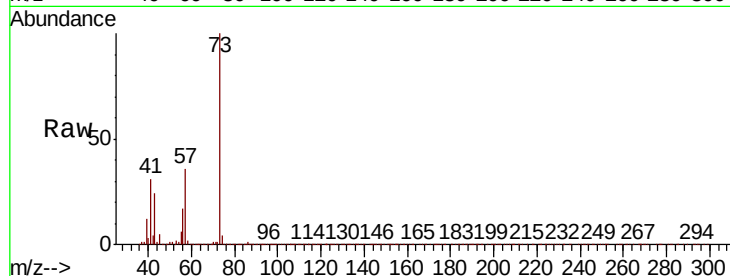


#19

Methyl tert-butyl Ether
 Concen: 18.050 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.00 min
 Lab File: VX013635.D
 Acq: 27 Nov 2019 06:12

Instrument :
 MSVOA_X
 ClientSampleId :

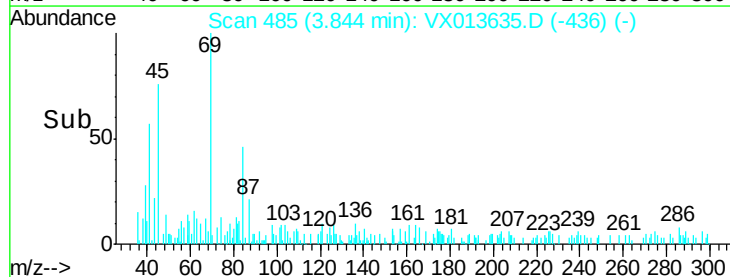
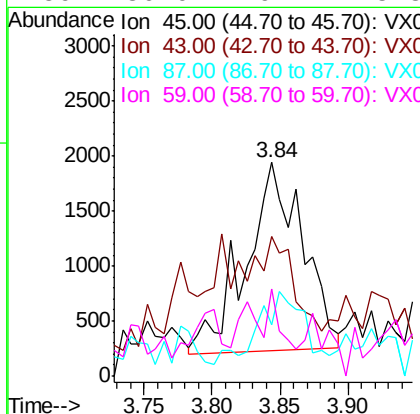
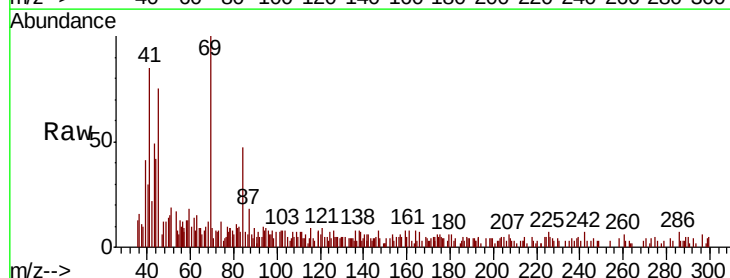
Tot Ion: 73 Resp: 383310
 Ion Ratio Lower Upper
 73 100
 57 36.1 18.3 27.5#

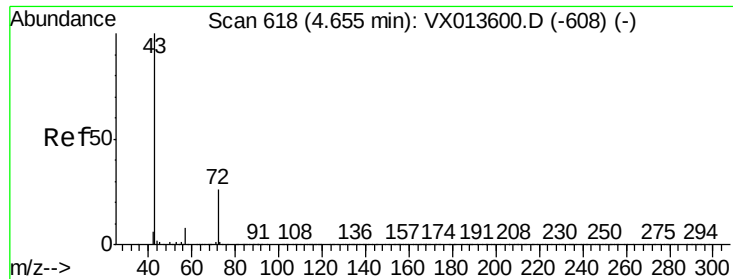


#22

Diisopropyl ether
 Concen: 0.223 ug/l
 RT: 3.84 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VX013635.D
 Acq: 27 Nov 2019 06:12

Tgt Ion: 45 Resp: 5001
 Ion Ratio Lower Upper
 45 100
 43 45.7 52.6 79.0#
 87 13.5 21.1 31.7#
 59 30.0 9.2 13.8#





#25

2-Butanone

Concen: 1.879 ug/l

RT: 4.67 min Scan# 621

Delta R.T. 0.02 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

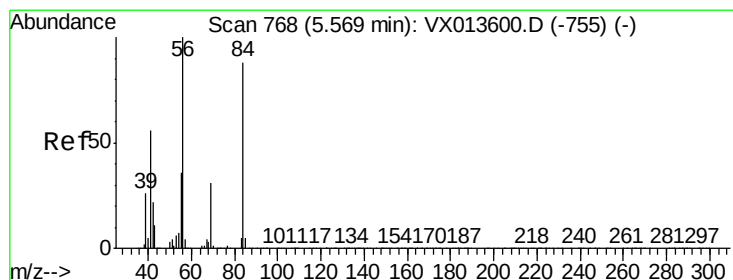
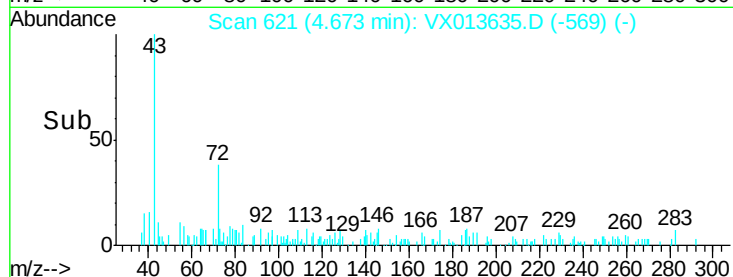
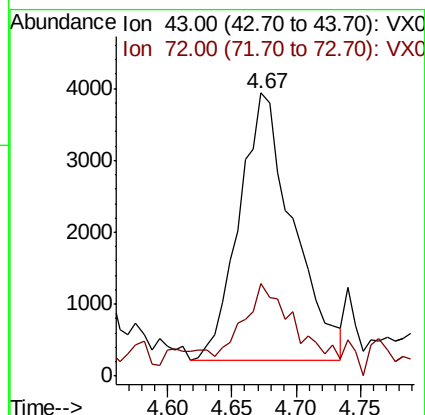
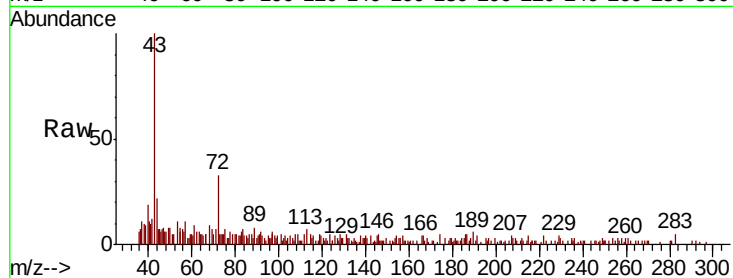
ClientSampleId :

Tot Ion: 43 Resp: 10782

Ion Ratio Lower Upper

43 100

72 25.5 20.6 31.0



#31

Cyclohexane

Concen: 8.526 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

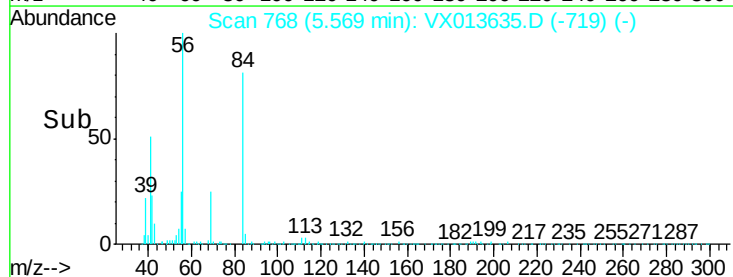
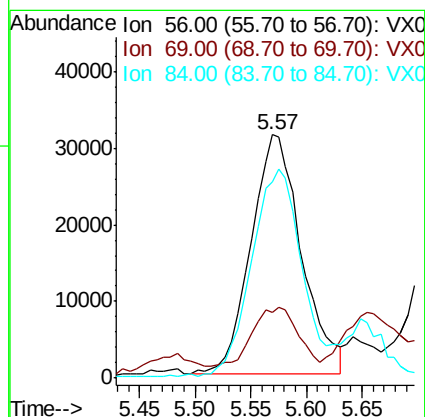
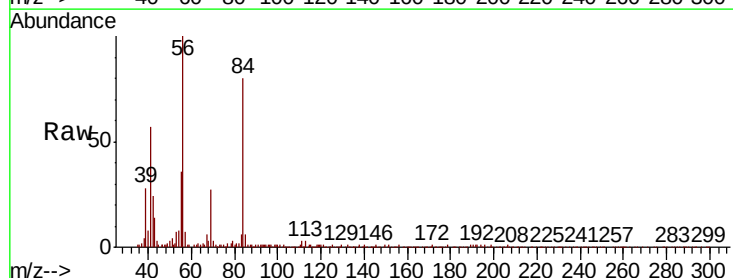
Tgt Ion: 56 Resp: 98476

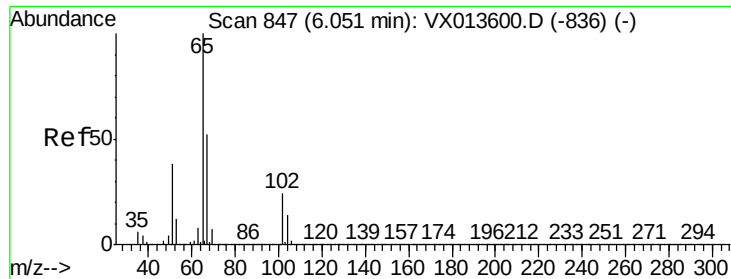
Ion Ratio Lower Upper

56 100

69 20.2 24.6 36.8#

84 80.2 70.0 105.0

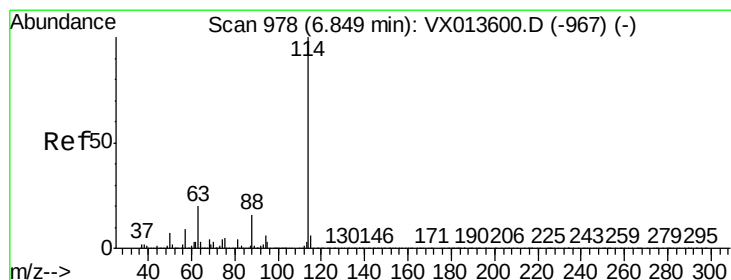
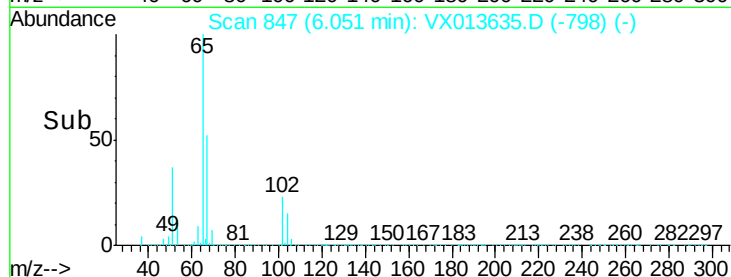
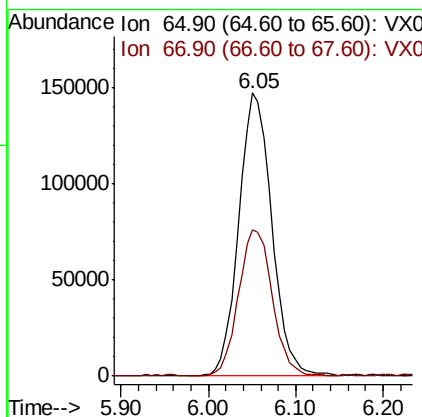
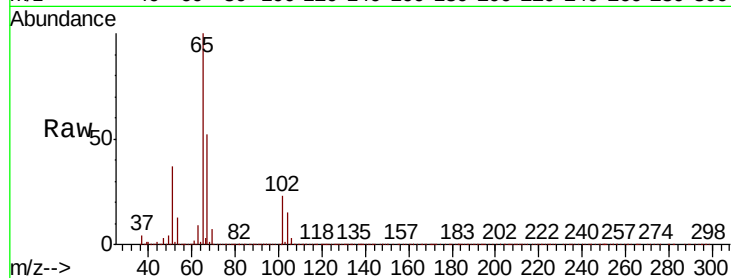




#33
 1,2-Dichloroethane-d4
 Concen: 49.491 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013635.D
 Acq: 27 Nov 2019 06:12

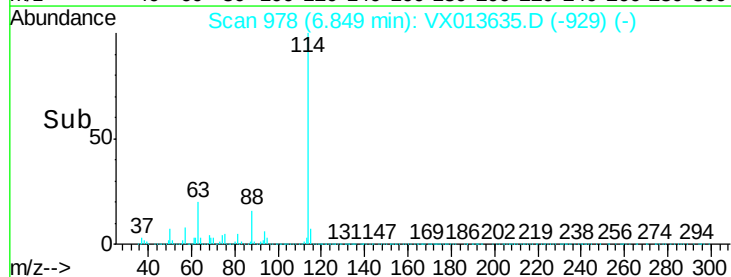
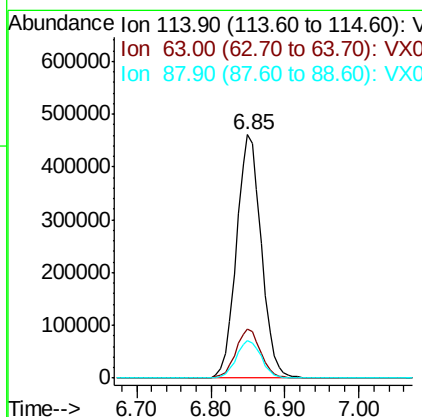
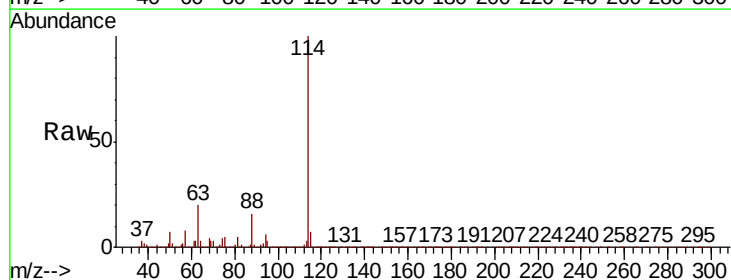
Instrument :
 MSVOA_X
 ClientSampleId :

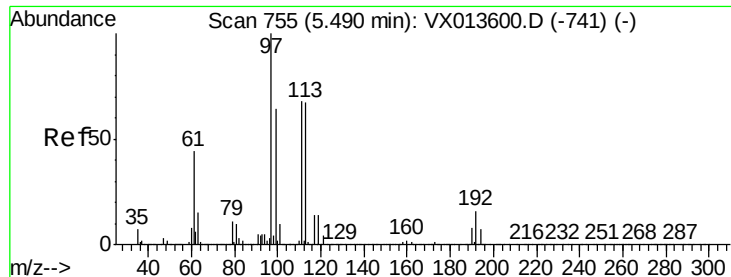
Tot Ion: 65 Resp: 386952
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013635.D
 Acq: 27 Nov 2019 06:12

Tgt Ion: 114 Resp: 1078462
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 48.755 ug/l

RT: 5.49 min Scan# 755

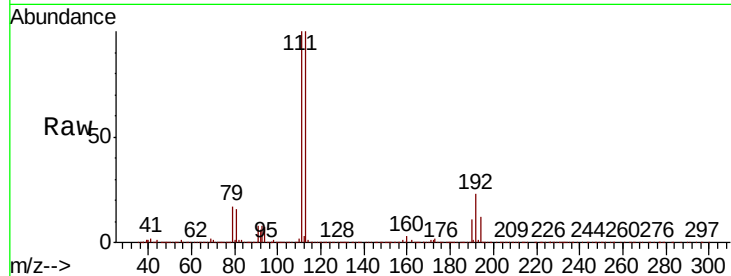
Delta R.T. -0.00 min

Lab File: VX013635.D

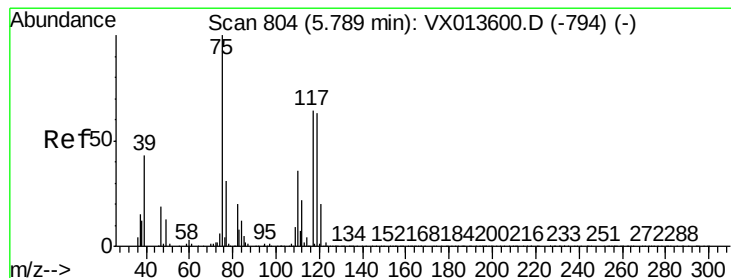
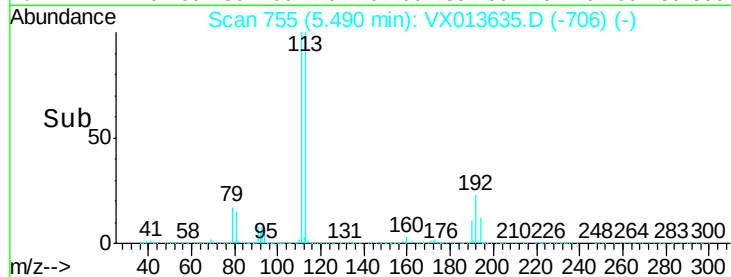
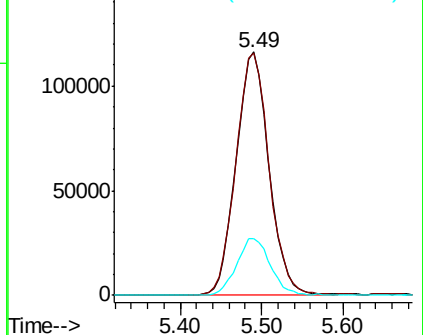
Acq: 27 Nov 2019 06:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:113	Resp:	325060
Ion Ratio	Lower	Upper
113	100	
111	100.7	83.6 125.4
192	24.1	19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.533 ug/l

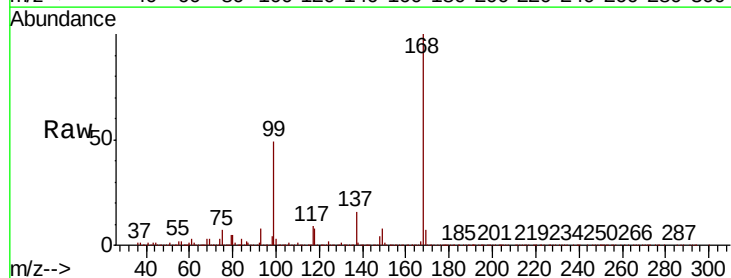
RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

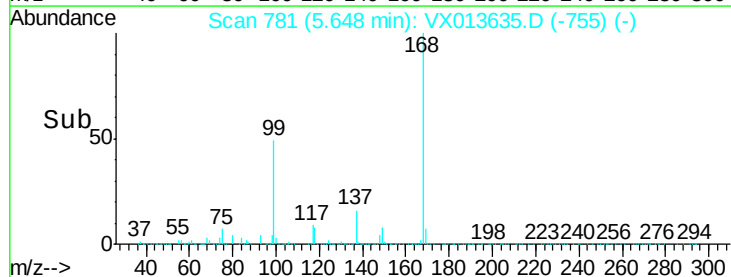
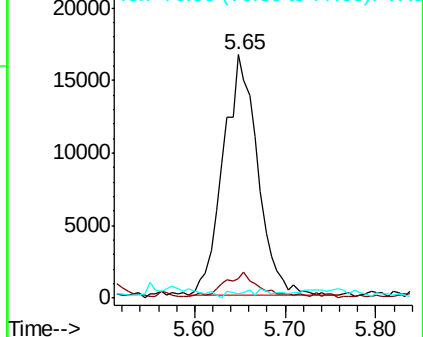
Lab File: VX013635.D

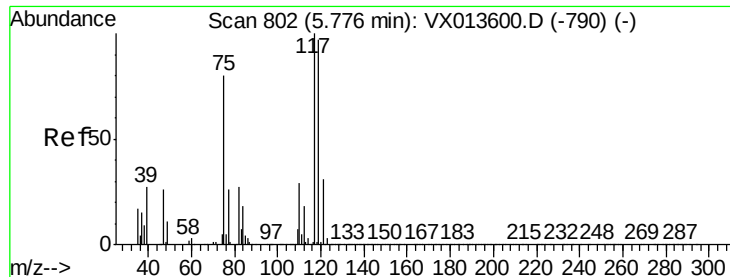
Acq: 27 Nov 2019 06:12

Tgt Ion: 75	Resp:	44374
Ion Ratio	Lower	Upper
75	100	
110	9.9	18.1 54.1#
77	0.4	24.5 36.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

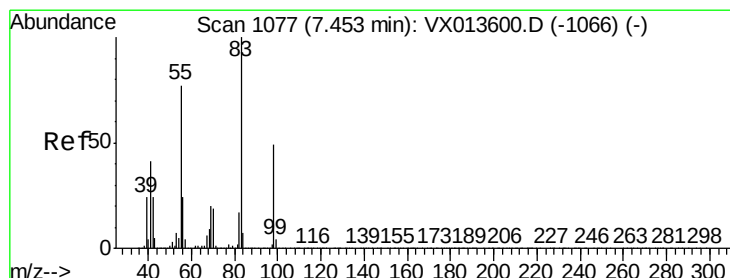
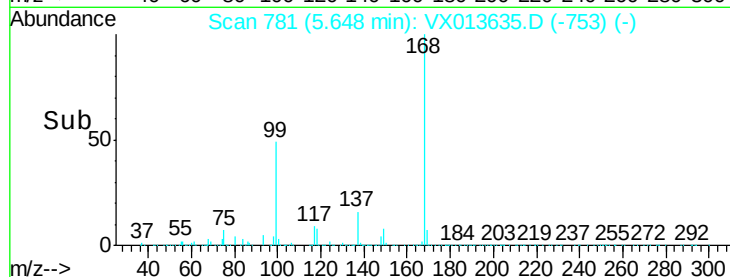
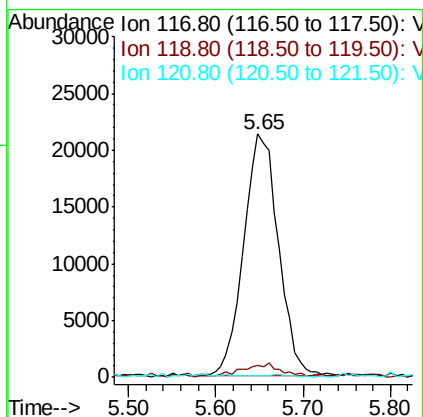
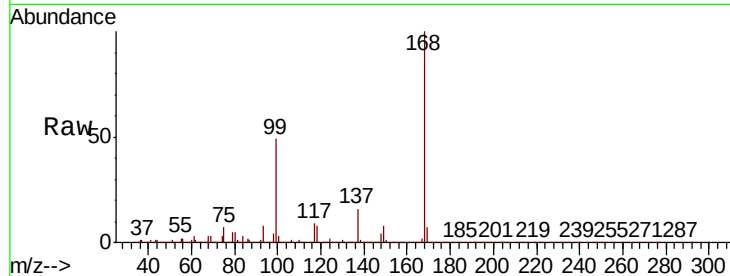




#38
Carbon Tetrachloride
Concen: 6.576 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.13 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

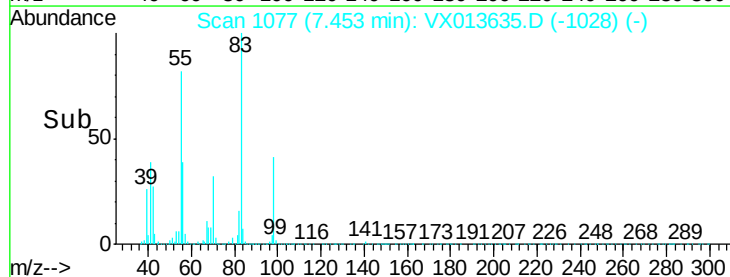
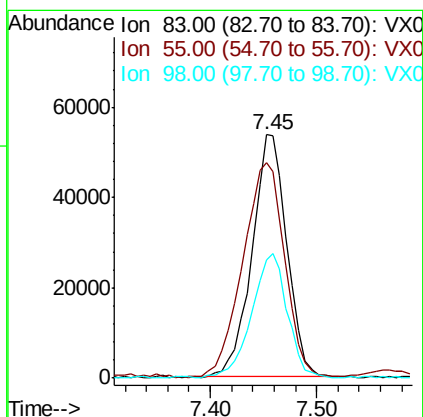
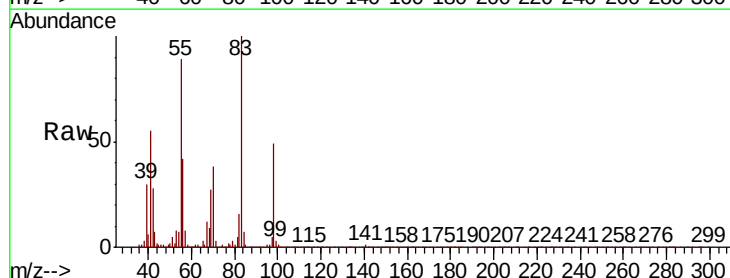
Instrument :
MSVOA_X
ClientSampled :

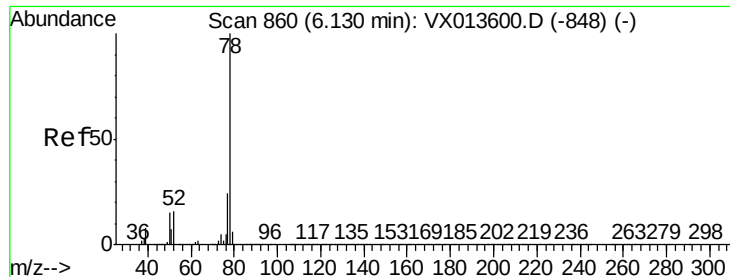
Tot Ion:117 Resp: 59360
Ion Ratio Lower Upper
117 100
119 3.8 77.5 116.3#
121 0.2 25.0 37.6#



#39
Methylcyclohexane
Concen: 10.186 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion: 83 Resp: 123263
Ion Ratio Lower Upper
83 100
55 89.2 61.9 92.9
98 48.3 39.4 59.0





#40

Benzene

Concen: 13.321 ug/l

RT: 6.14 min Scan# 861

Delta R.T. 0.01 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

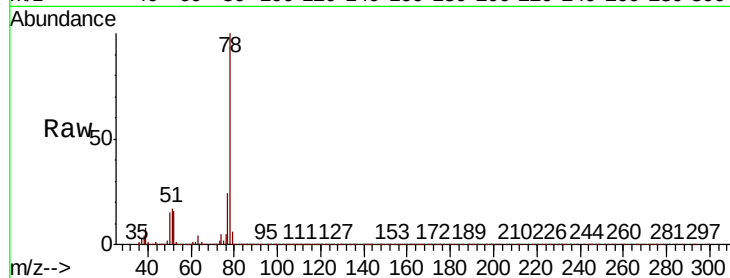
ClientSampleId :

Tot Ion: 78 Resp: 397182

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

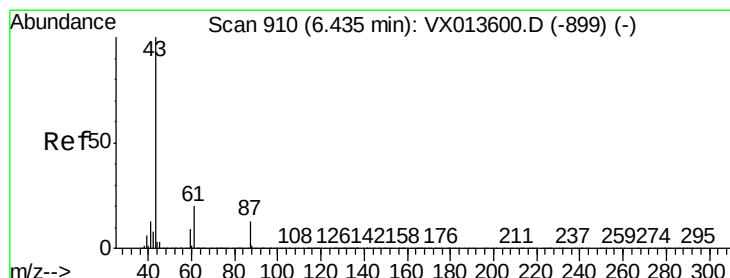
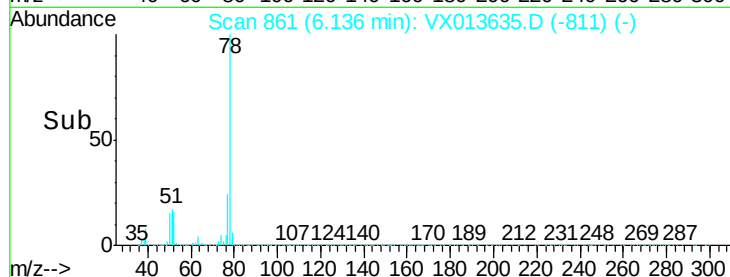
150000

100000

50000

0

Time-->



#43

Isopropyl Acetate

Concen: 6.568 ug/l

RT: 6.42 min Scan# 907

Delta R.T. -0.02 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

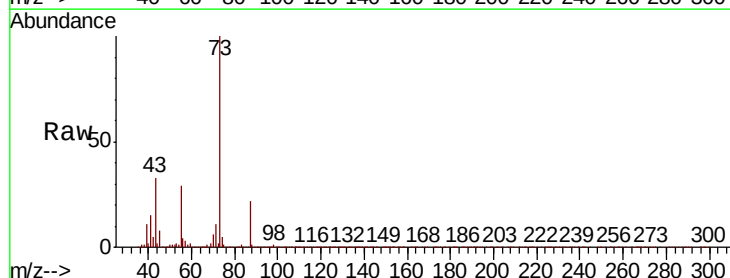
Tgt Ion: 43 Resp: 118752

Ion Ratio Lower Upper

43 100

61 0.0 16.3 24.5#

87 67.4 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.42

50000

40000

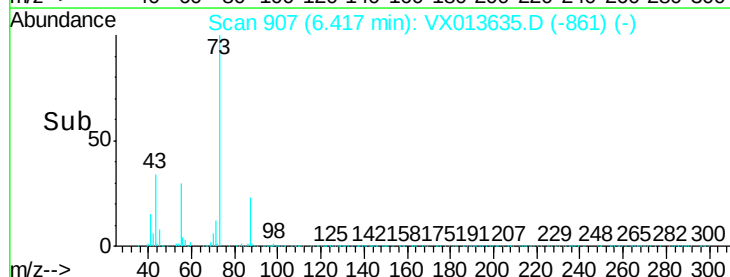
30000

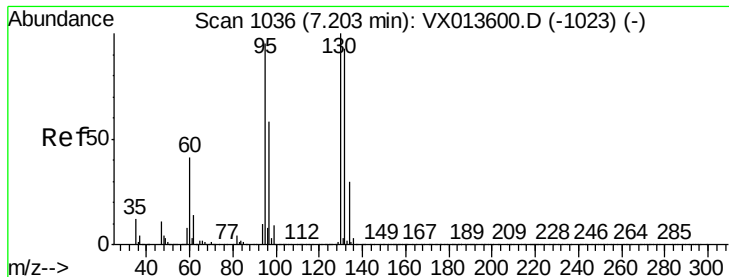
20000

10000

0

Time-->





#44

Trichloroethene

Concen: 0.408 ug/l

RT: 7.22 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

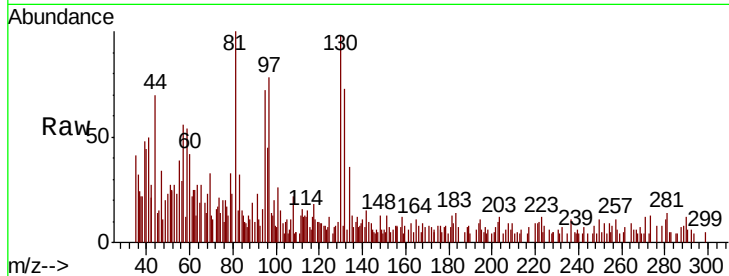
ClientSampled :

Tot Ion:130 Resp: 3342

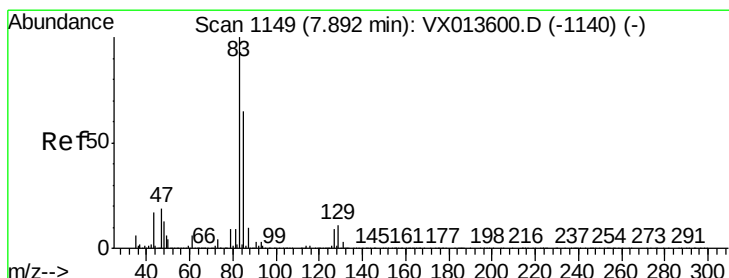
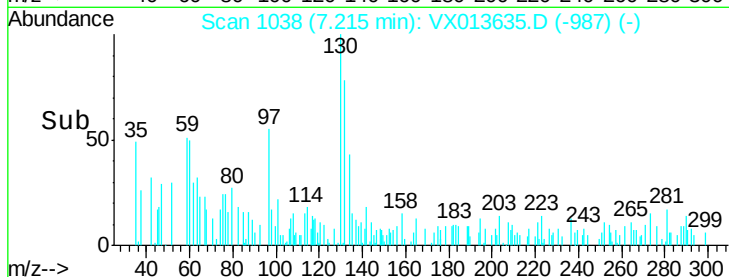
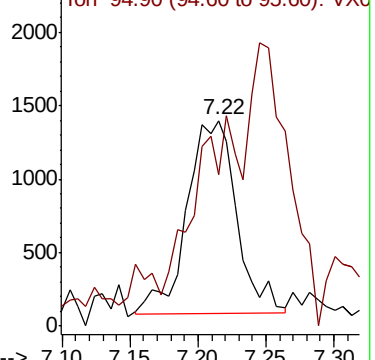
Ion Ratio Lower Upper

130 100

95 46.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V



#47

Bromodichloromethane

Concen: 0.438 ug/l

RT: 7.84 min Scan# 1140

Delta R.T. -0.05 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

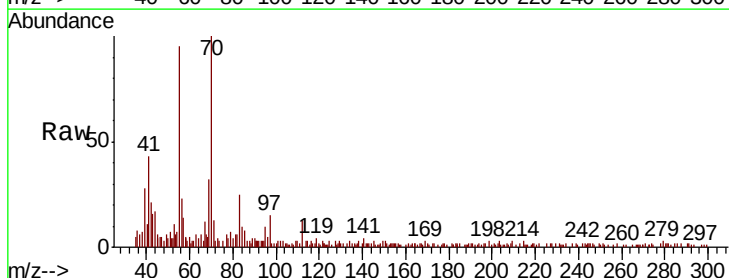
Tgt Ion: 83 Resp: 4191

Ion Ratio Lower Upper

83 100

85 7.0 52.1 78.1#

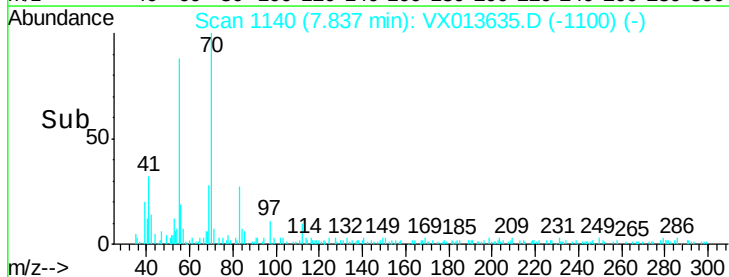
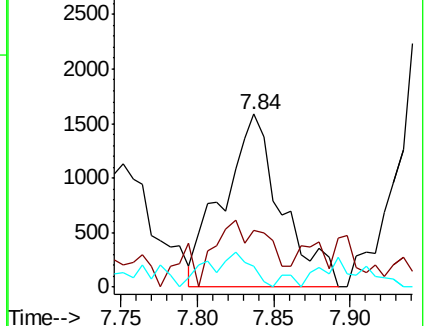
127 0.0 7.0 10.4#

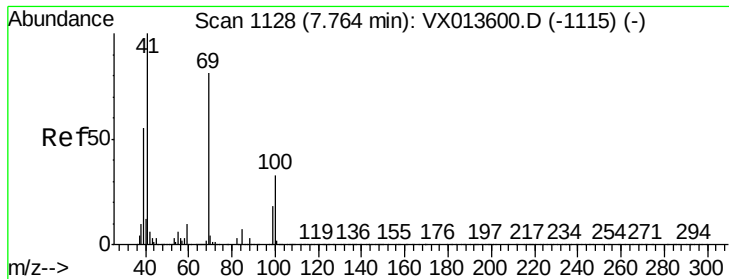


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

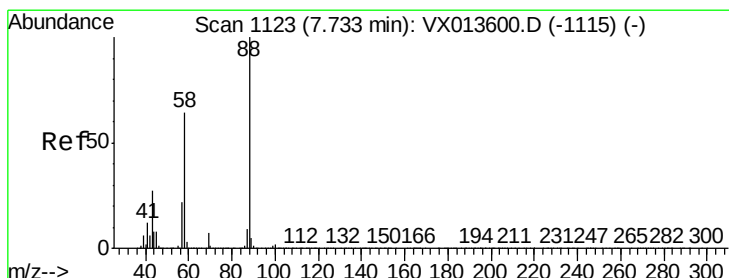
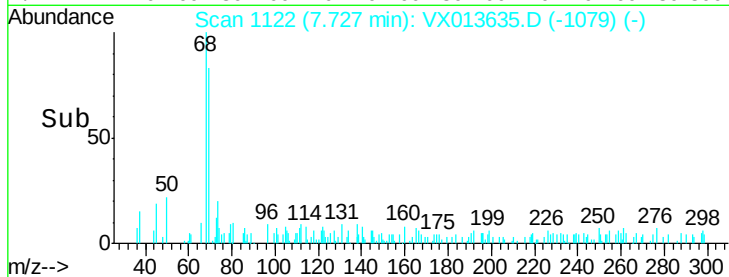
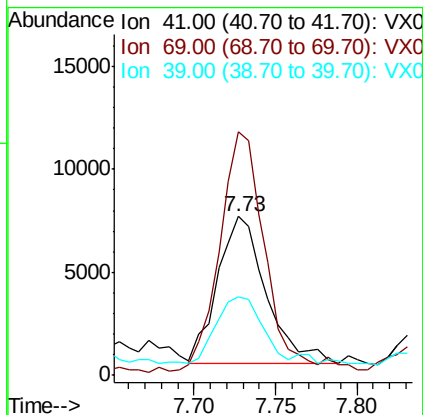
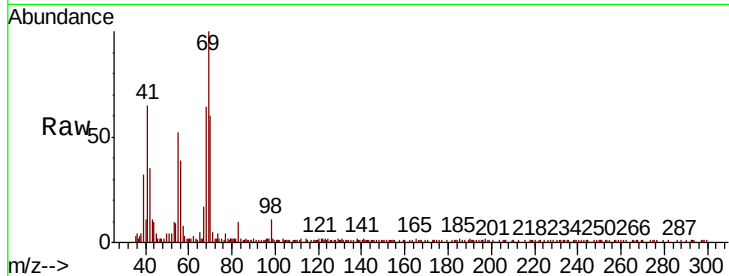




#48
Methvl methacrylate
Concen: 1.670 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

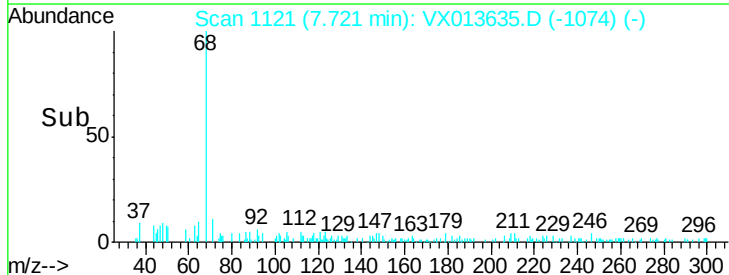
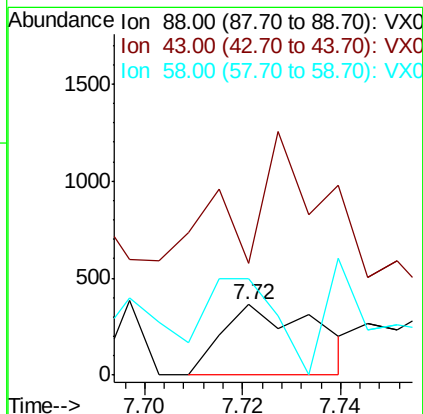
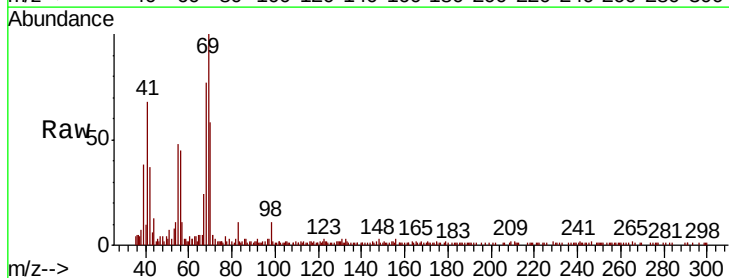
Instrument :
MSVOA_X
ClientSampleId :

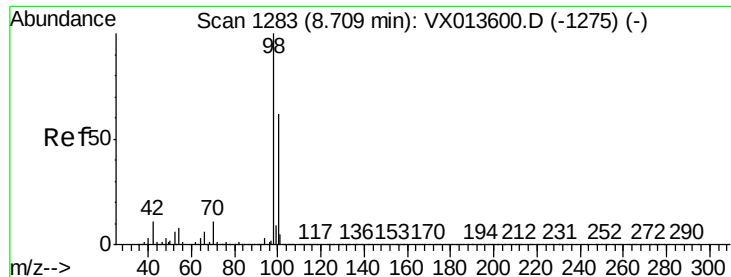
Tot Ion	Ratio	Lower	Upper
41	100		
69	152.0	64.7	97.1#
39	46.2	43.8	65.6



#49
1,4-Dioxane
Concen: 2.471 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion	Ratio	Lower	Upper
88	100		
43	225.3	25.8	38.6#
58	98.1	54.6	82.0#

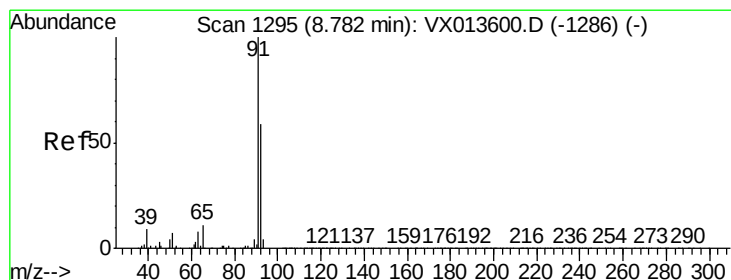
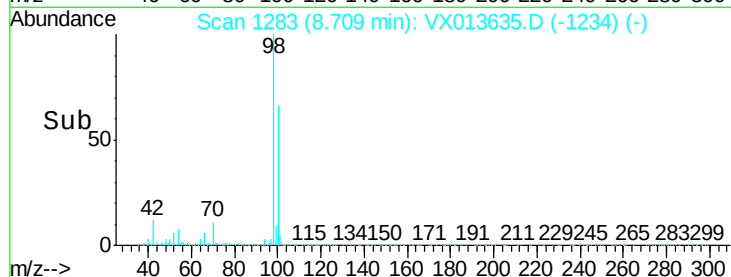
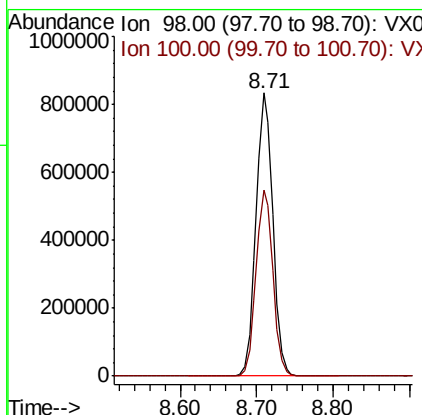
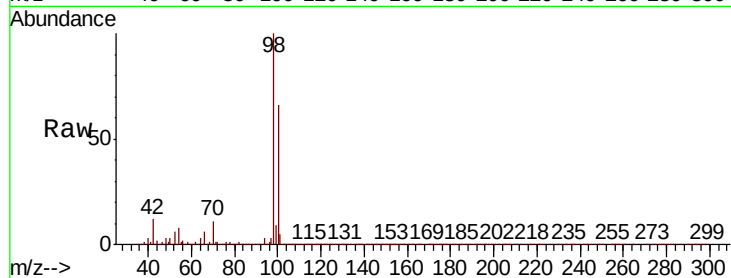




#50
Toluene-d8
Concen: 49.631 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

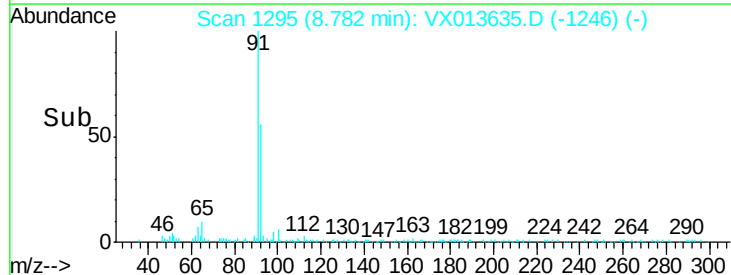
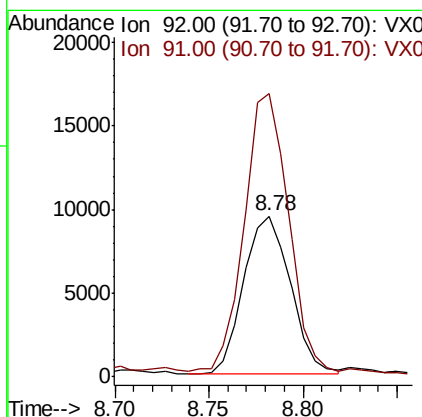
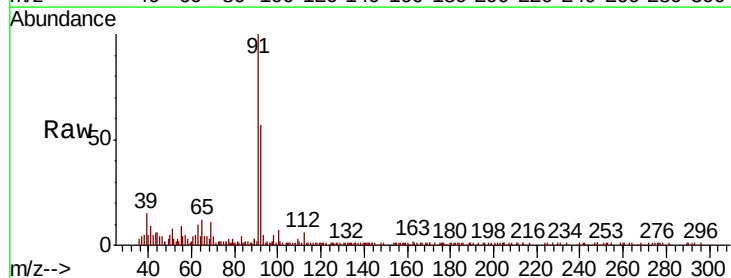
Instrument :
MSVOA_X
ClientSampleId :

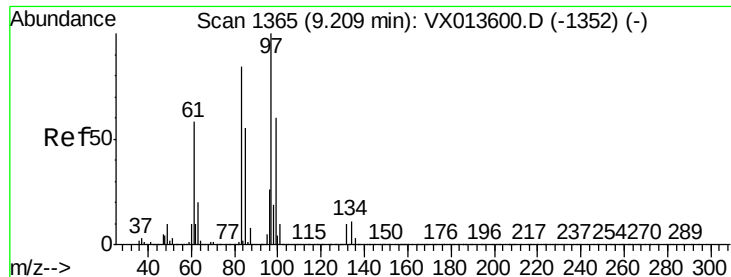
Tot Ion: 98 Resp: 1289230
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#52
Toluene
Concen: 0.884 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion: 92 Resp: 16370
Ion Ratio Lower Upper
92 100
91 164.0 136.2 204.2





#55

1,1,2-Trichloroethane

Concen: 3.714 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 27721

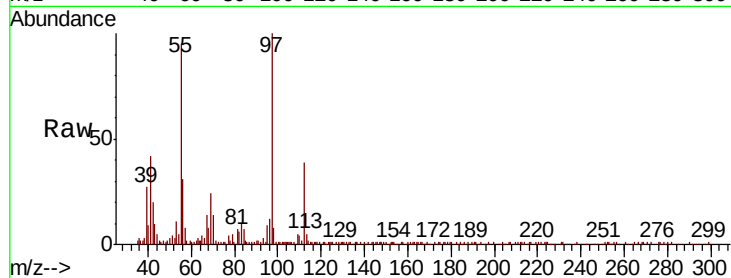
Ion Ratio Lower Upper

97 100

83 7.5 67.3 100.9#

85 1.1 43.6 65.4#

99 0.2 48.2 72.4#

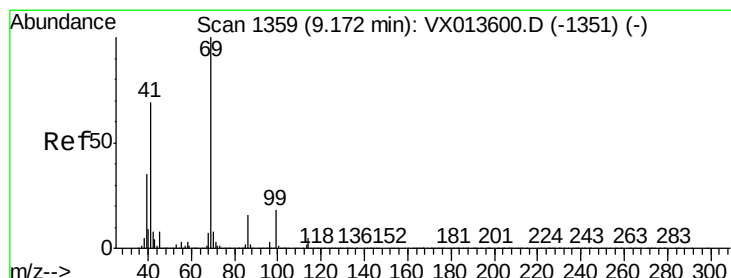
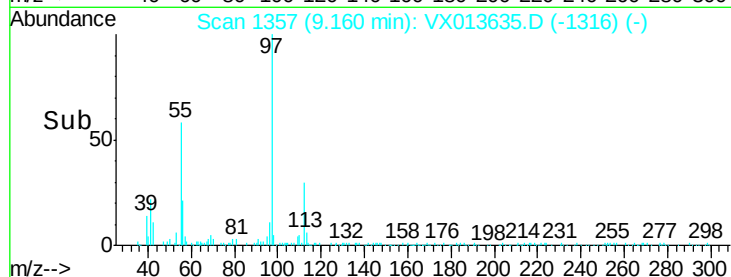
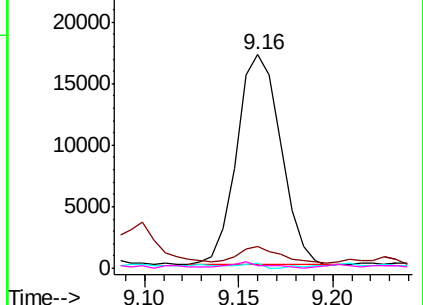


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.590 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.01 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

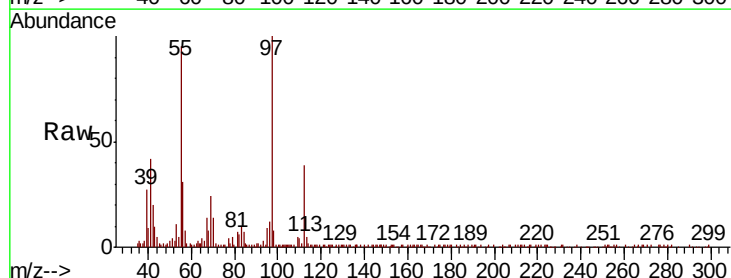
Tgt Ion: 69 Resp: 7076

Ion Ratio Lower Upper

69 100

41 133.4 55.0 82.4#

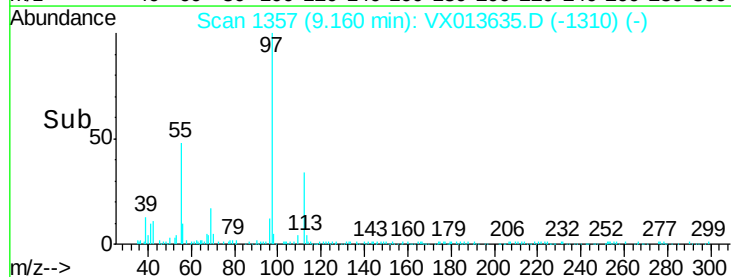
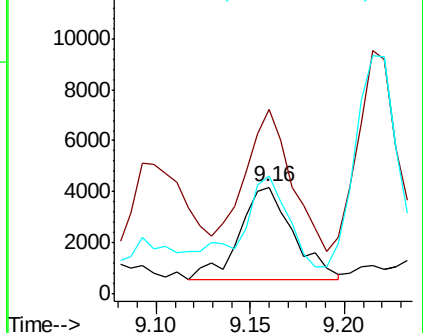
39 83.0 28.7 43.1#

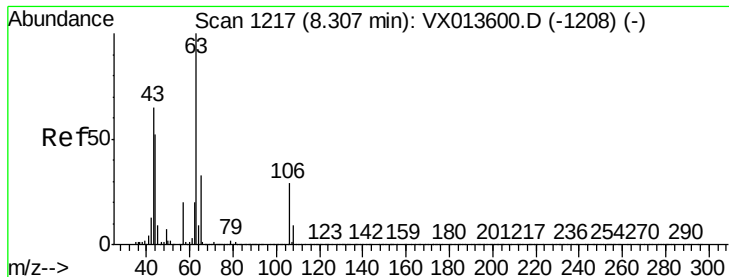


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#58

2-Chloroethyl Vinyl ether

Concen: 0.414 ug/l

RT: 8.57 min Scan# 1260

Delta R.T. 0.26 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

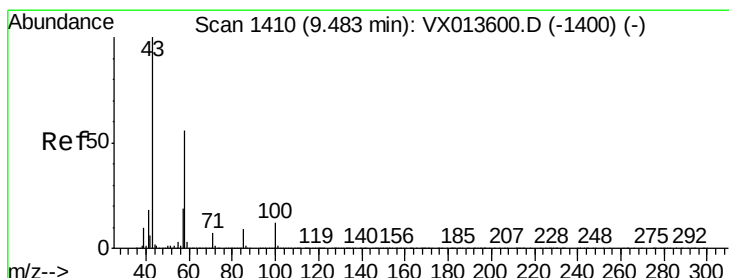
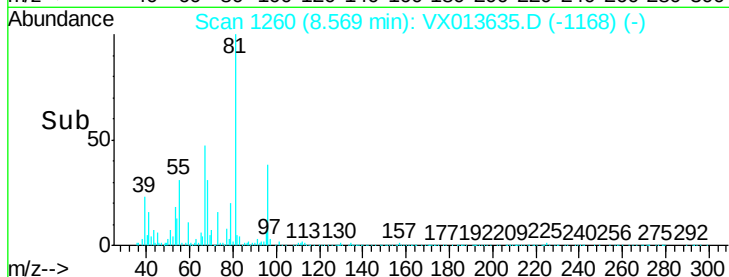
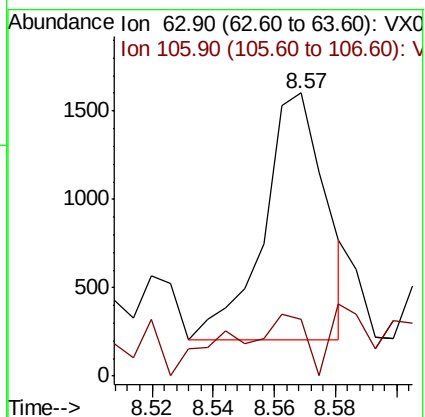
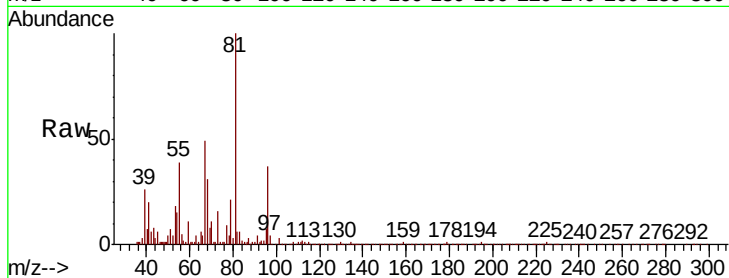
ClientSampleId :

Tot Ion: 63 Resp: 1949

Ion Ratio Lower Upper

63 100

106 30.9 23.4 35.0



#59

2-Hexanone

Concen: 2.236 ug/l

RT: 9.50 min Scan# 1412

Delta R.T. 0.01 min

Lab File: VX013635.D

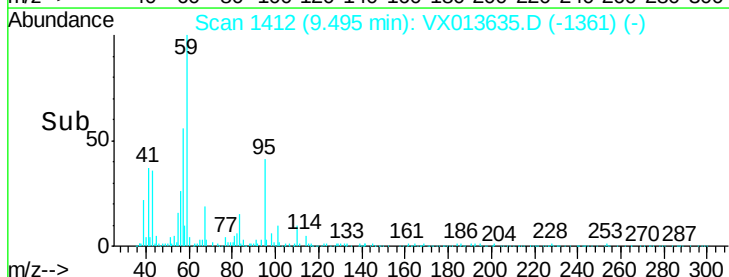
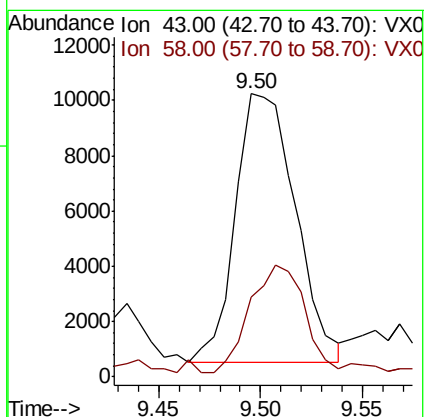
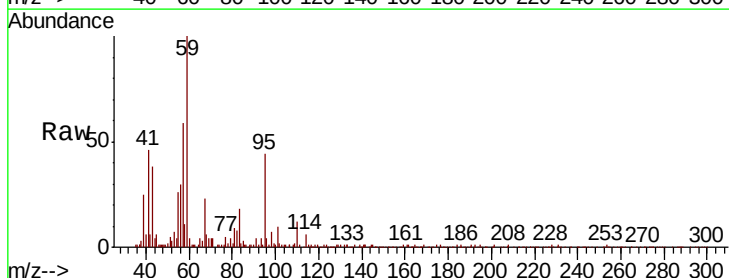
Acq: 27 Nov 2019 06:12

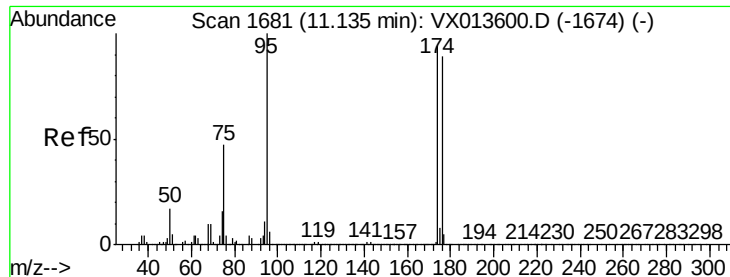
Tgt Ion: 43 Resp: 19831

Ion Ratio Lower Upper

43 100

58 36.1 28.1 84.4





#62

4-Bromofluorobenzene

Concen: 47.523 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

ClientSampleId :

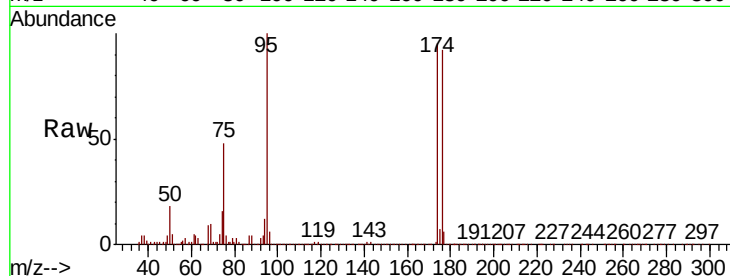
Tot Ion: 95 Resp: 445154

Ion Ratio Lower Upper

95 100

174 89.8 0.0 180.0

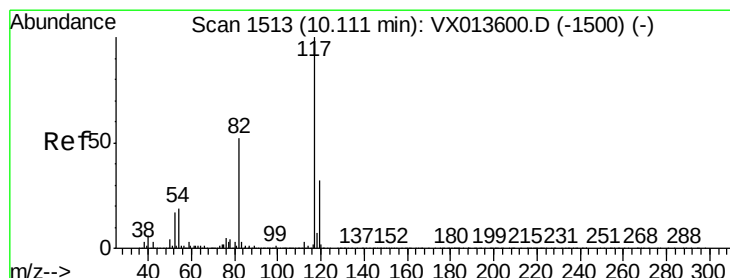
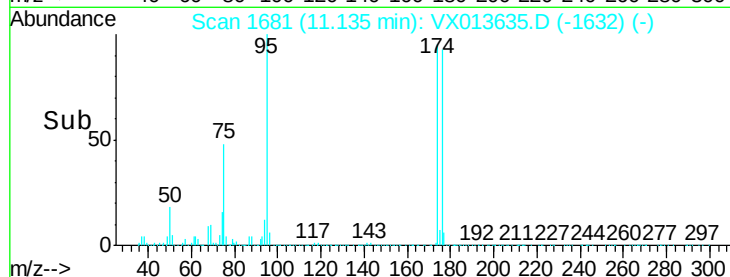
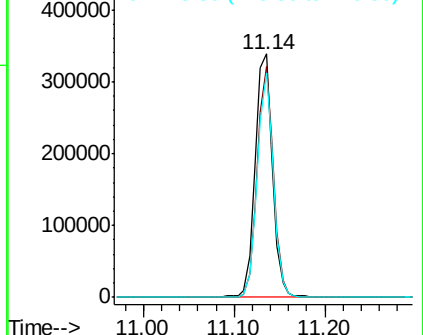
176 86.1 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

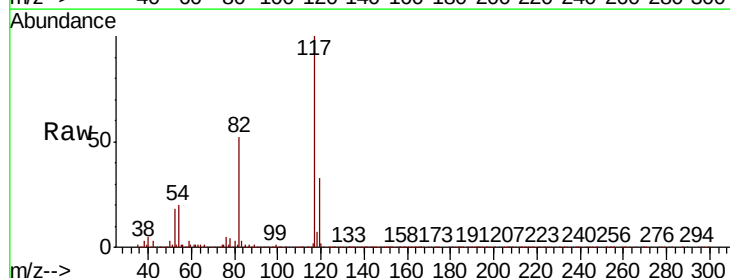
Tgt Ion: 117 Resp: 963560

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

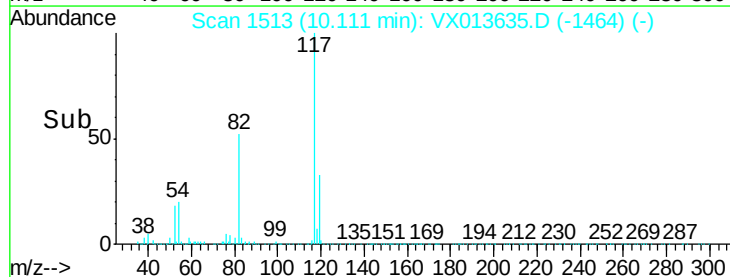
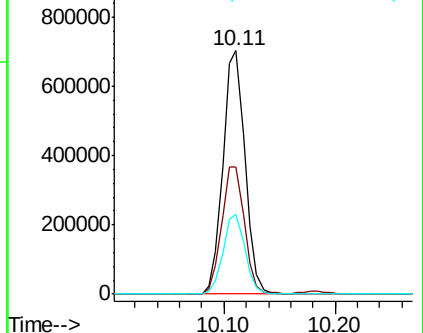
119 32.7 25.8 38.8

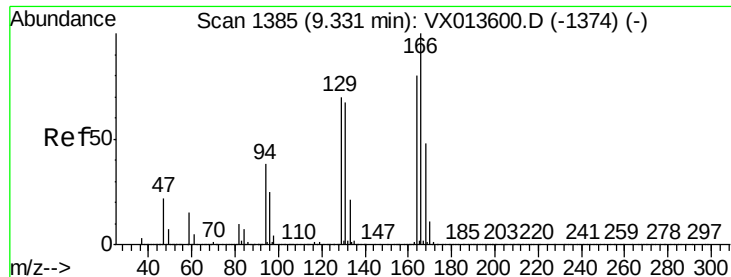


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 2.315 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 16635

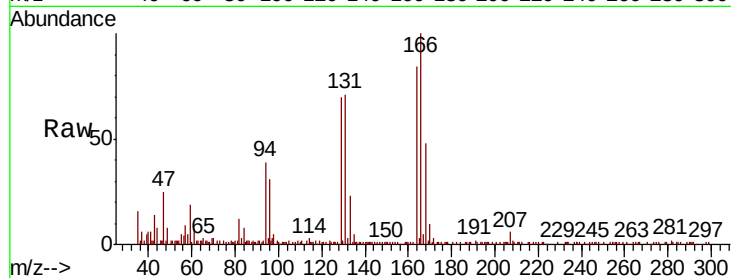
Ion Ratio Lower Upper

164 100

166 120.4 99.7 149.5

129 82.1 70.1 105.1

131 84.7 66.9 100.3

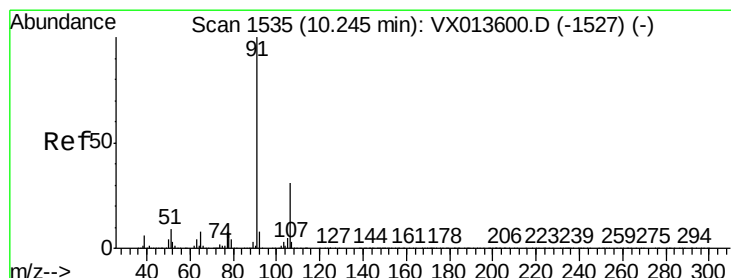
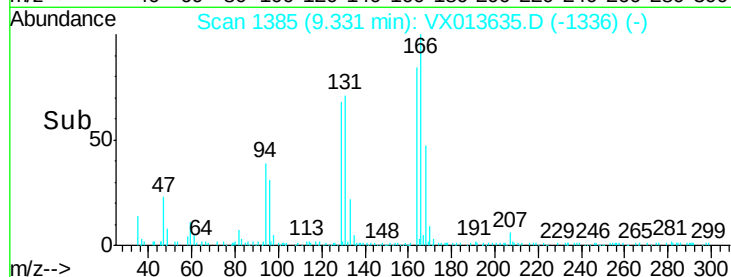
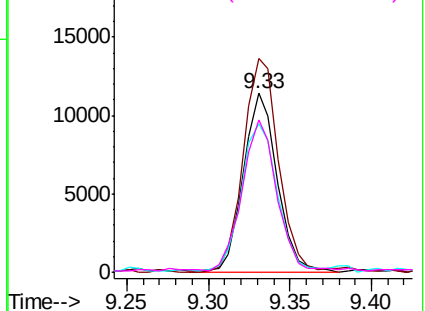


Abundance Ion 163.80 (163.50 to 164.50): V

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



#67

Ethyl Benzene

Concen: 0.987 ug/l

RT: 10.25 min Scan# 1536

Delta R.T. 0.01 min

Lab File: VX013635.D

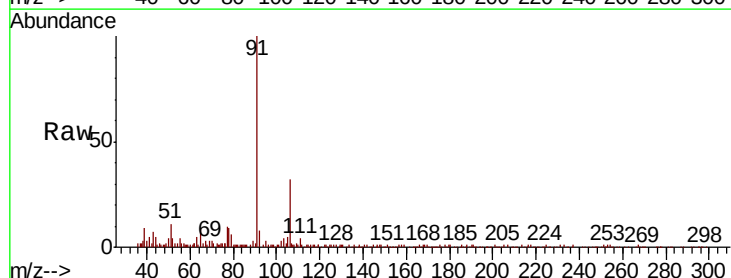
Acq: 27 Nov 2019 06:12

Tgt Ion: 91 Resp: 33946

Ion Ratio Lower Upper

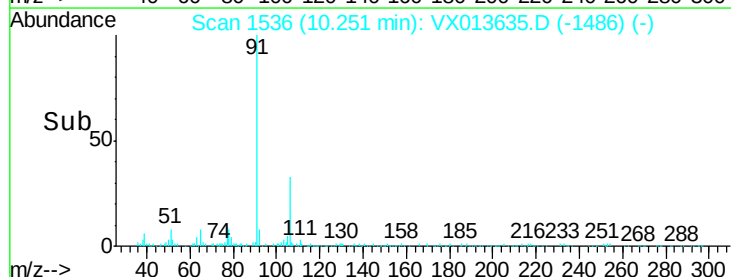
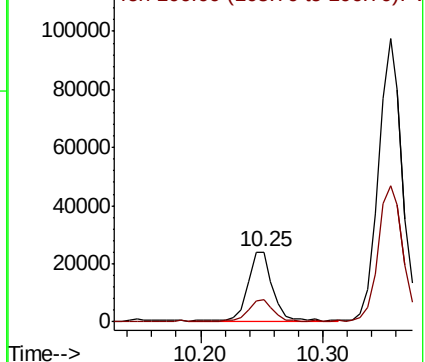
91 100

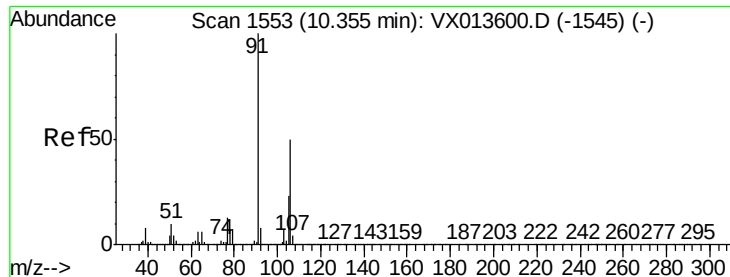
106 31.1 24.5 36.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#68

m/p-Xylenes

Concen: 4.998 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

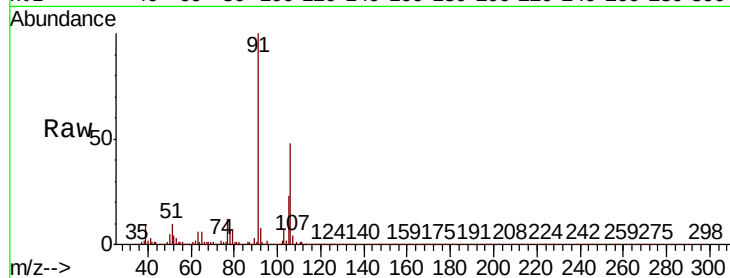
ClientSampleId :

Tot Ion:106 Resp: 65781

Ion Ratio Lower Upper

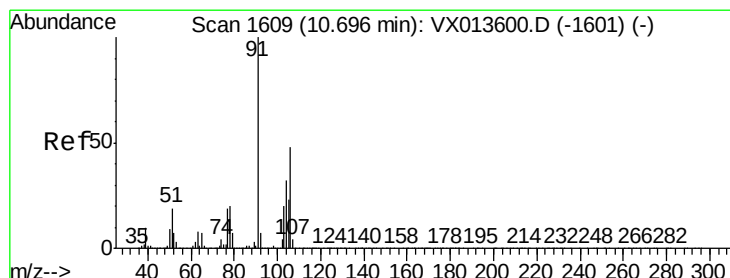
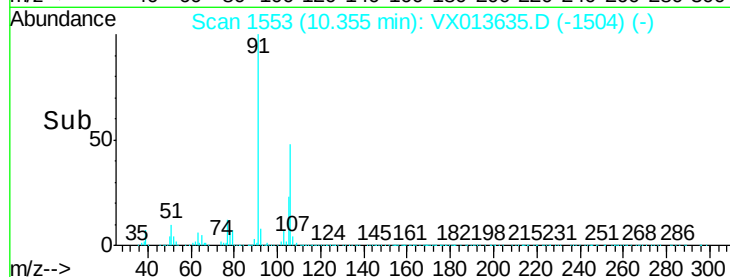
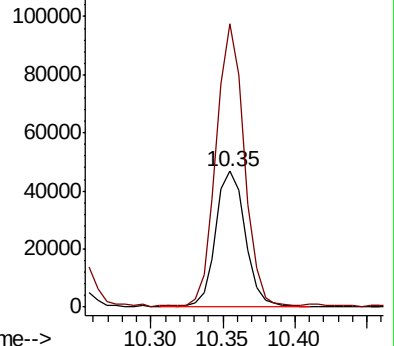
106 100

91 198.0 159.0 238.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 1.276 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013635.D

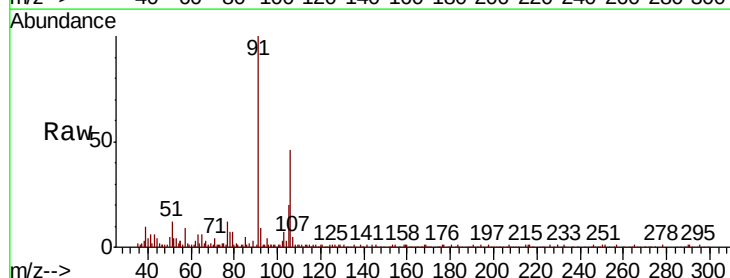
Acq: 27 Nov 2019 06:12

Tgt Ion:106 Resp: 16373

Ion Ratio Lower Upper

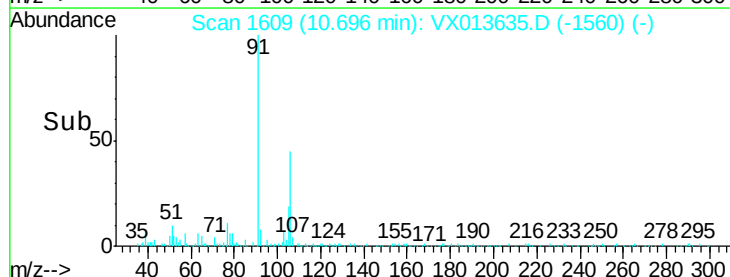
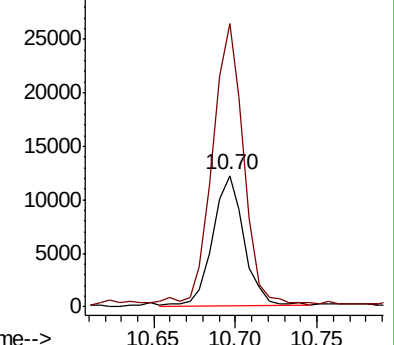
106 100

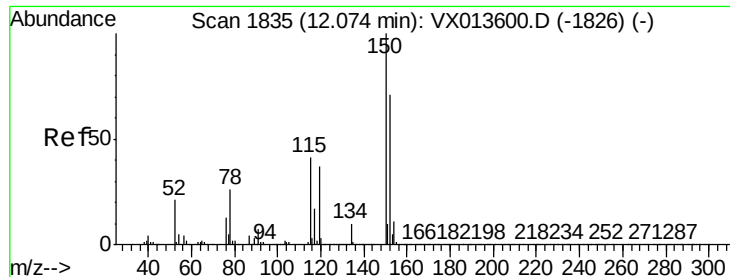
91 209.8 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



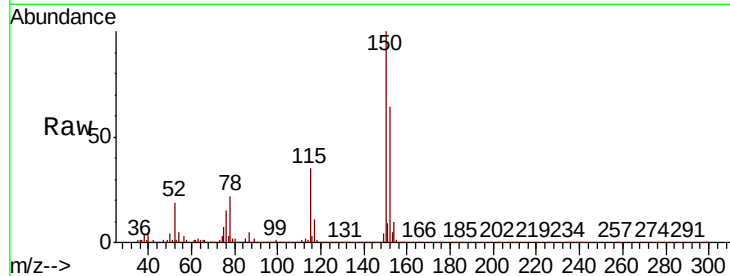


#72

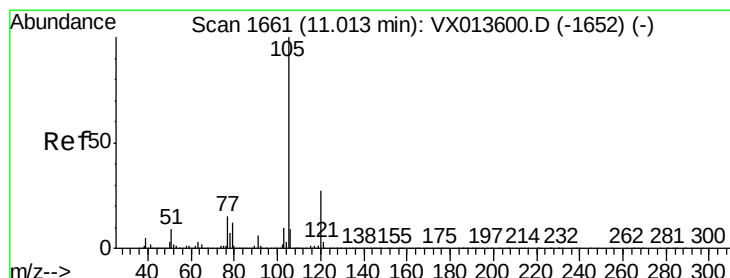
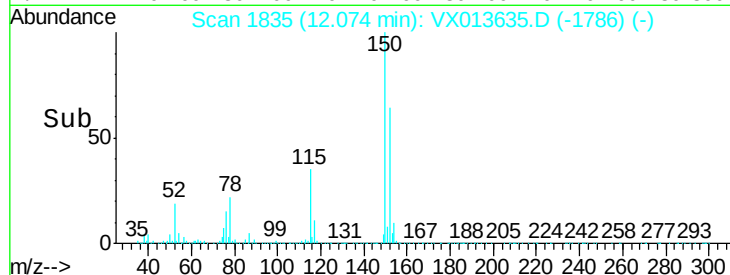
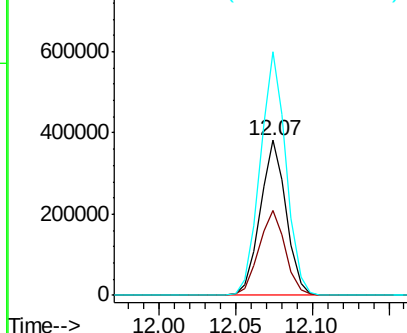
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.9	38.4	115.1
150	157.4	0.0	346.8



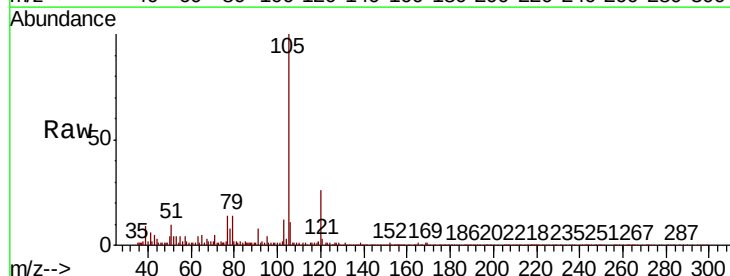
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



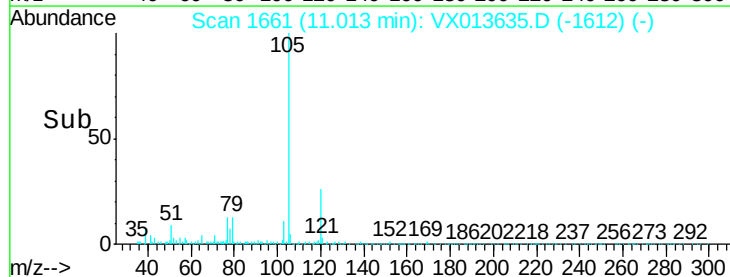
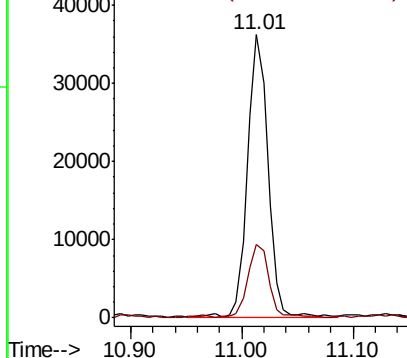
#73

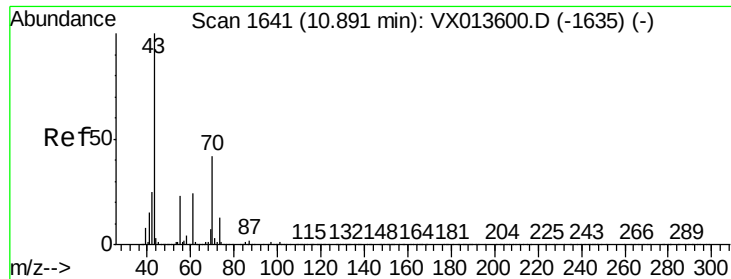
Isopropylbenzene
Concen: 1.453 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	13.5	40.5



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

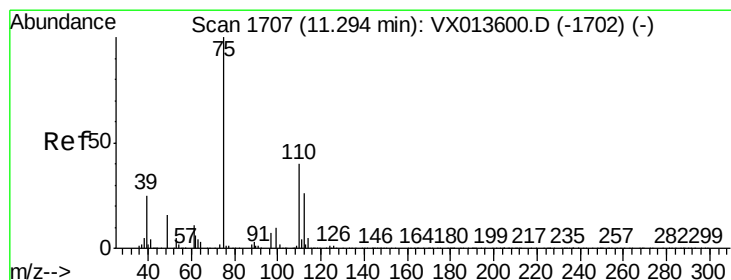
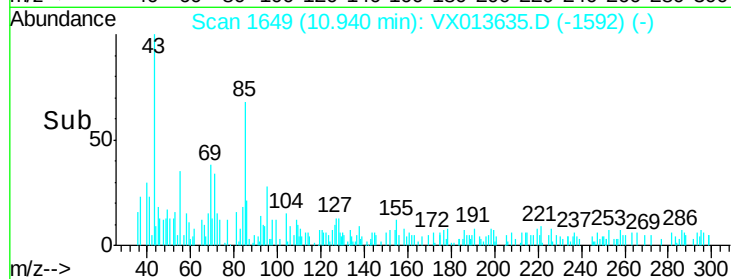
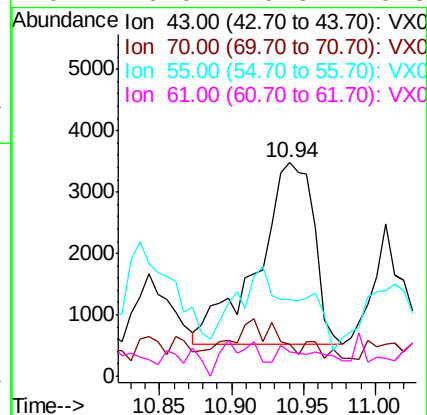
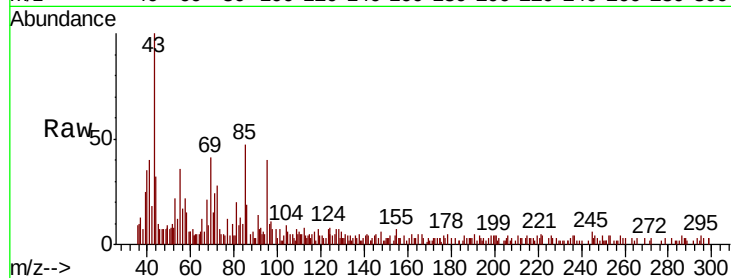




#74
N-amvl acetate
Concen: 0.557 ug/l
RT: 10.94 min Scan# 1649
Delta R.T. 0.05 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

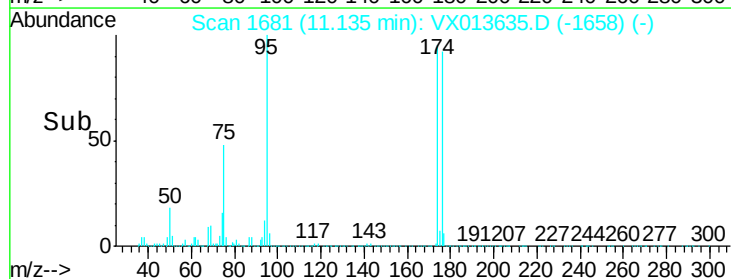
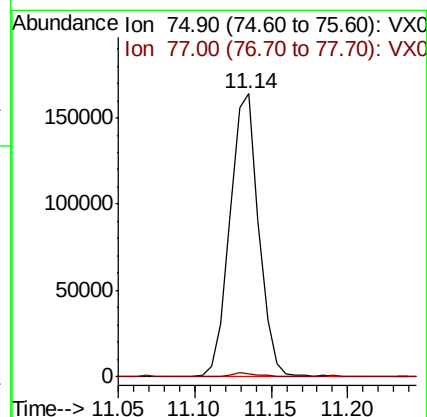
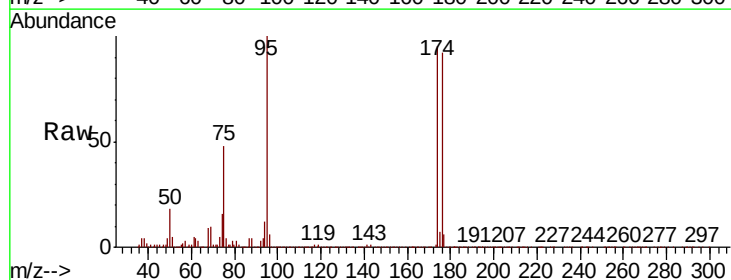
Instrument :
MSVOA_X
ClientSampleId :

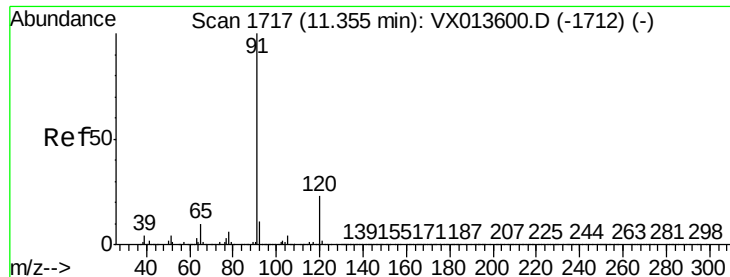
Tot Ion: 43 Resp: 8069
Ion Ratio Lower Upper
43 100
70 0.0 34.3 51.5#
55 0.0 18.5 27.7#
61 0.0 19.8 29.8#



#76
1,2,3-Trichloropropane
Concen: 21.135 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.16 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion: 75 Resp: 214398
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#





#78

n-propylbenzene

Concen: 0.473 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

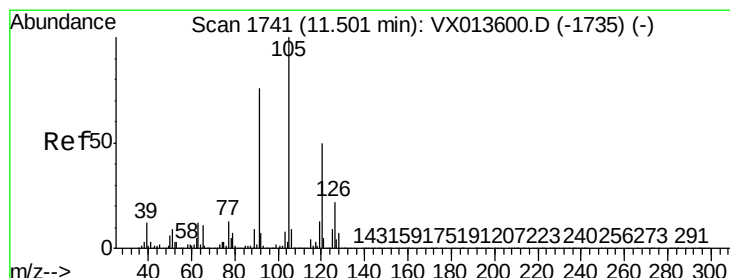
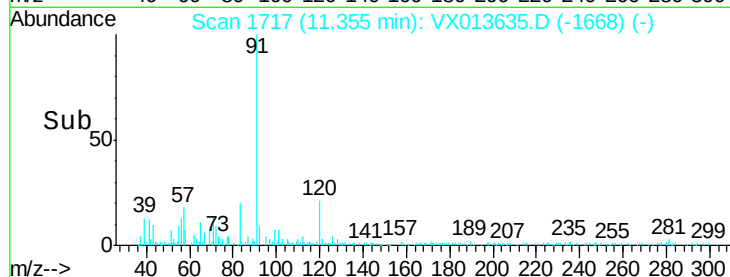
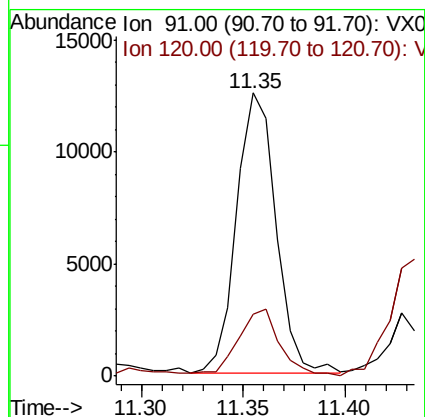
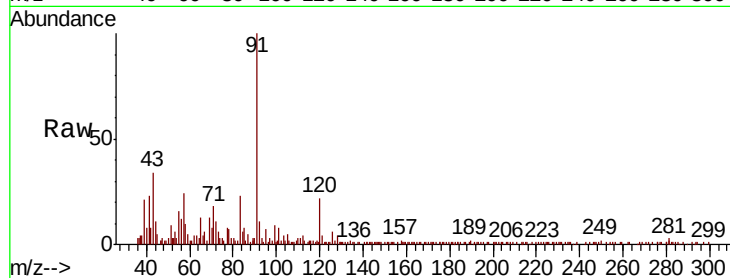
ClientSampleId :

Tot Ion: 91 Resp: 16700

Ion Ratio Lower Upper

91 100

120 26.1 11.8 35.3



#80

1,3,5-Trimethylbenzene

Concen: 0.464 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013635.D

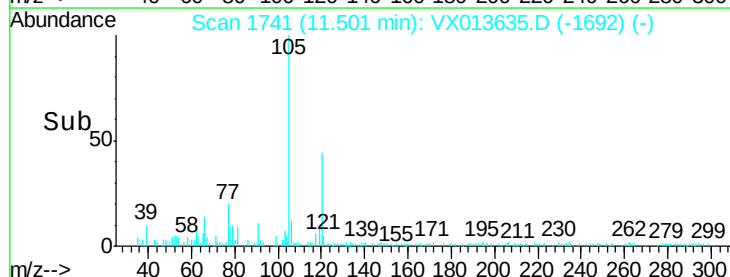
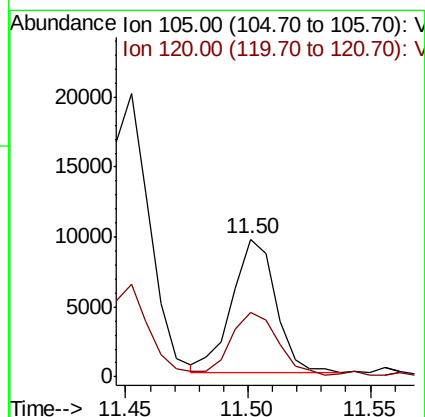
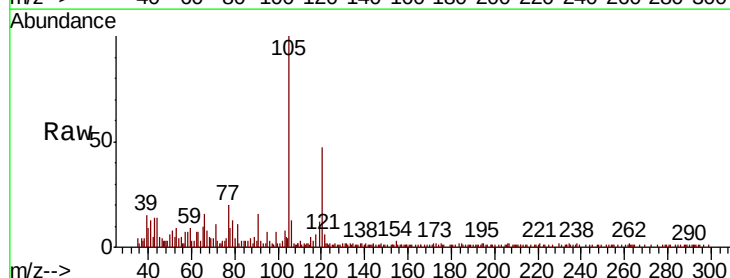
Acq: 27 Nov 2019 06:12

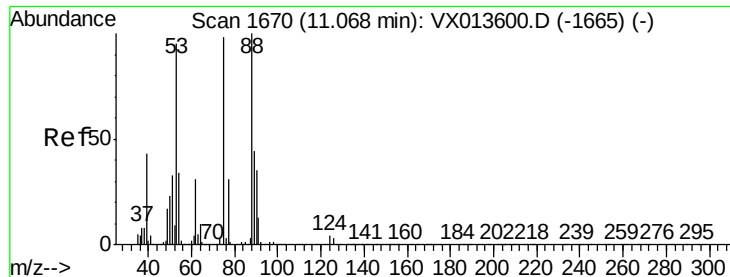
Tgt Ion: 105 Resp: 12026

Ion Ratio Lower Upper

105 100

120 47.9 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 57.822 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

ClientSampleId :

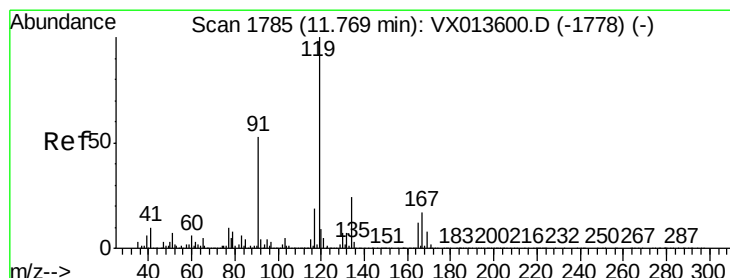
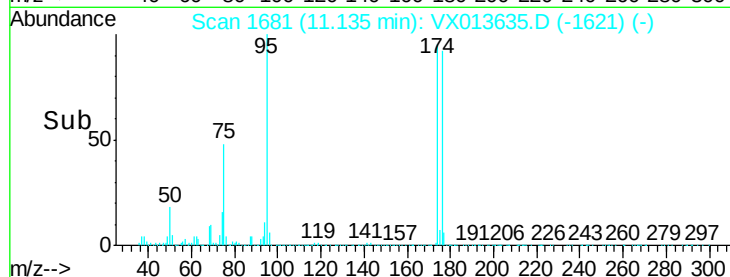
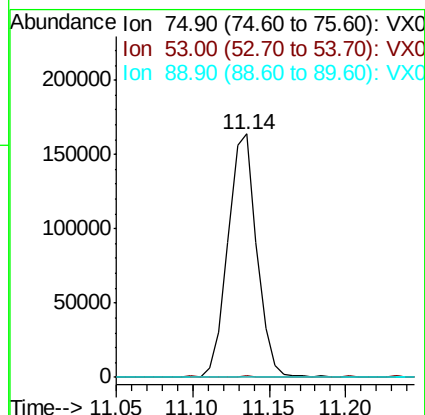
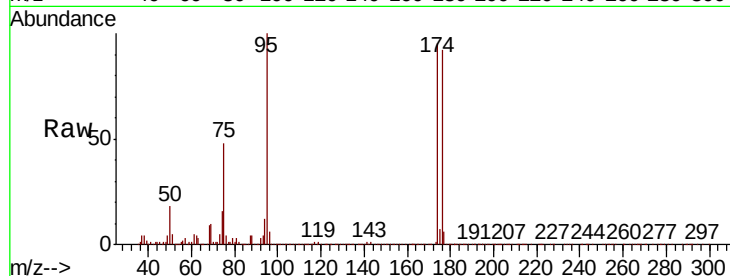
Tot Ion: 75 Resp: 214398

Ion Ratio Lower Upper

75 100

53 0.2 78.2 117.2#

89 0.2 35.4 53.2#



#83

tert-Butylbenzene

Concen: 0.334 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

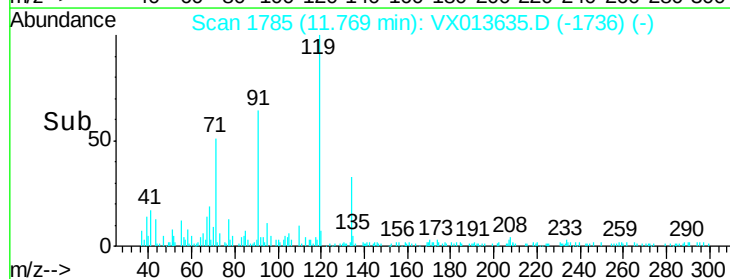
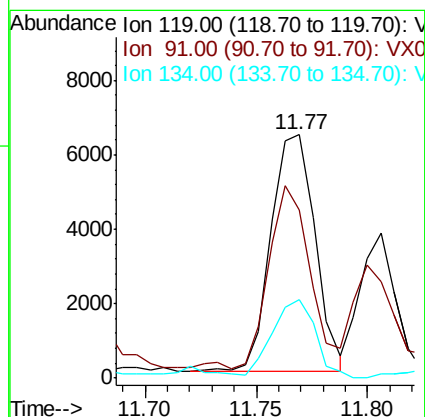
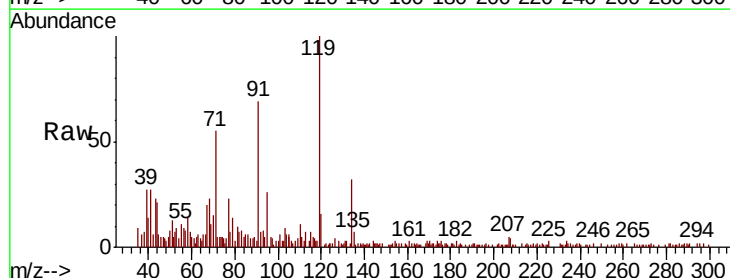
Tgt Ion: 119 Resp: 8804

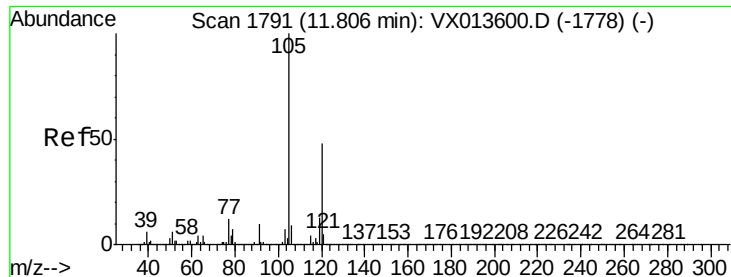
Ion Ratio Lower Upper

119 100

91 75.5 27.2 81.6

134 32.6 11.7 35.1

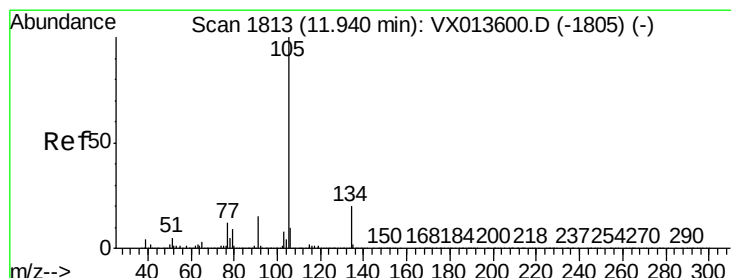
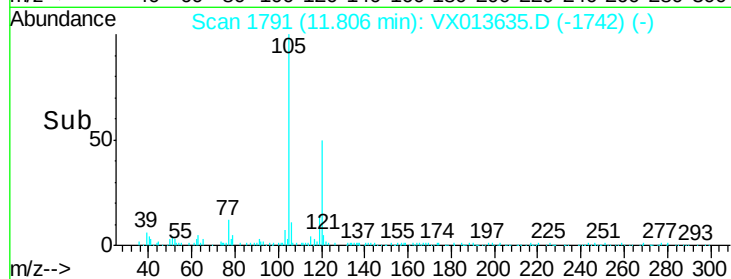
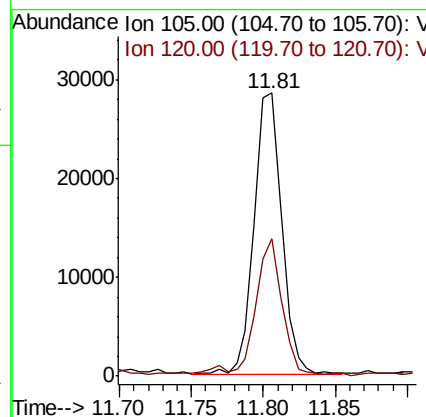
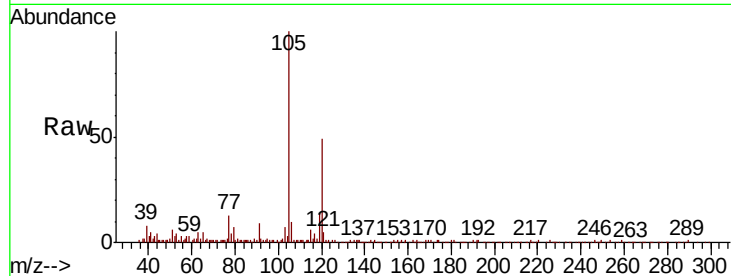




#84
 1,2,4-Trimethylbenzene
 Concen: 1.427 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX013635.D
 Acq: 27 Nov 2019 06:12

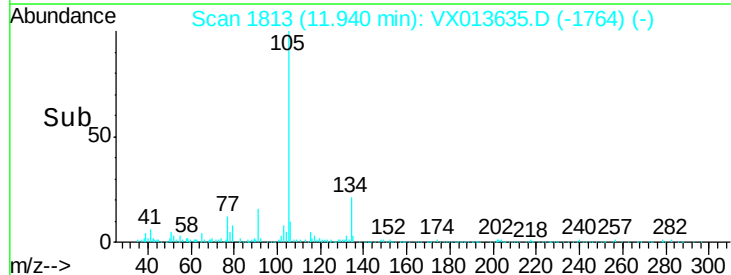
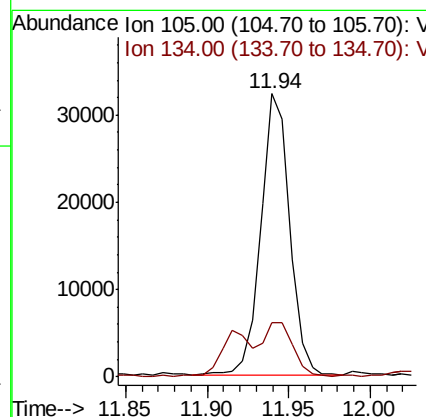
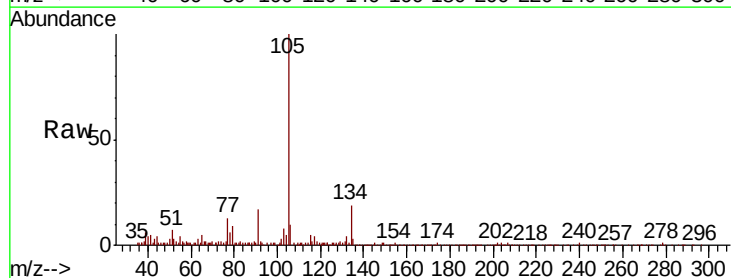
Instrument :
 MSVOA_X
 ClientSampleId :

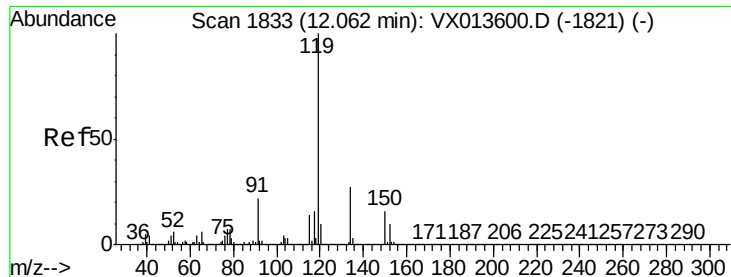
Tot Ion:105 Resp: 37552
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.1 69.3



#85
 sec-Butylbenzene
 Concen: 1.308 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013635.D
 Acq: 27 Nov 2019 06:12

Tgt Ion:105 Resp: 39364
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.4 31.2

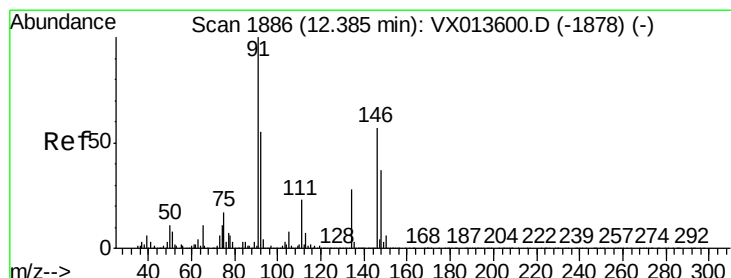
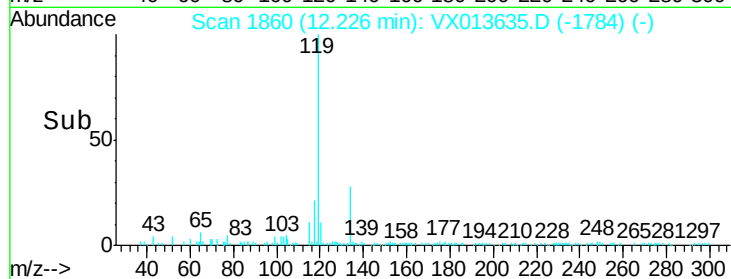
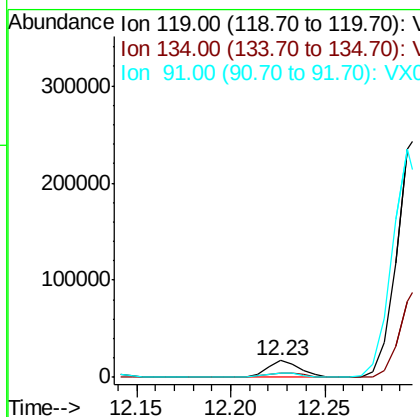
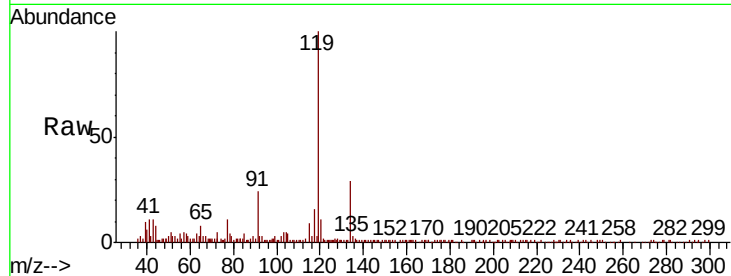




#86
p-Isopropyltoluene
Concen: 0.746 ug/l
RT: 12.23 min Scan# 1860
Delta R.T. 0.16 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

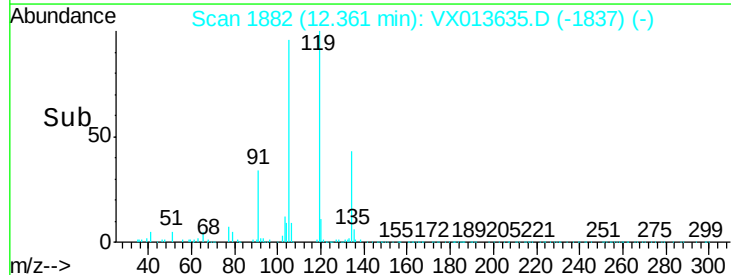
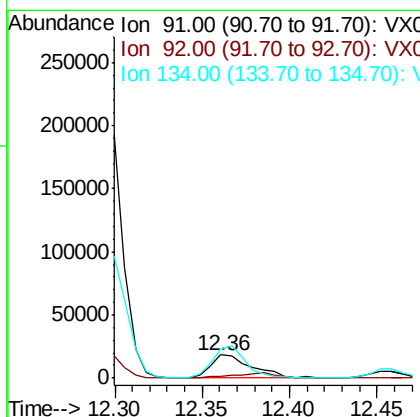
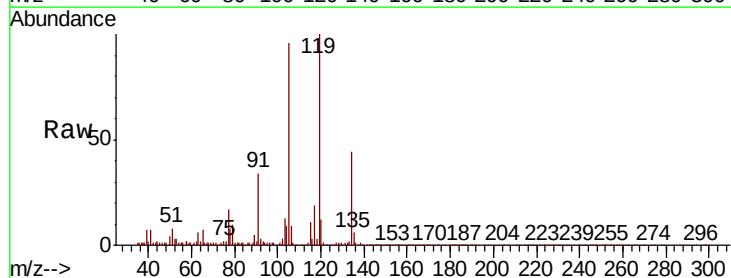
Instrument :
MSVOA_X
ClientSampleId :

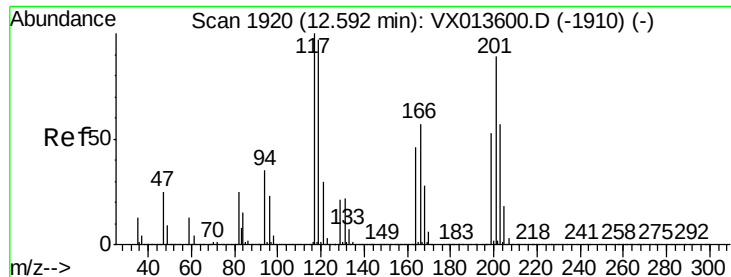
Tot Ion: 119 Resp: 20878
Ion Ratio Lower Upper
119 100
134 29.0 13.3 39.9
91 0.0 11.3 33.8#



#89
n-Butylbenzene
Concen: 1.211 ug/l
RT: 12.36 min Scan# 1882
Delta R.T. -0.02 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Tgt Ion: 91 Resp: 28925
Ion Ratio Lower Upper
91 100
92 0.0 27.4 82.2#
134 115.9 13.5 40.4#





#90

Hexachloroethane

Concen: 17.971 ug/l

RT: 12.70 min Scan# 1937

Delta R.T. 0.10 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

Instrument :

MSVOA_X

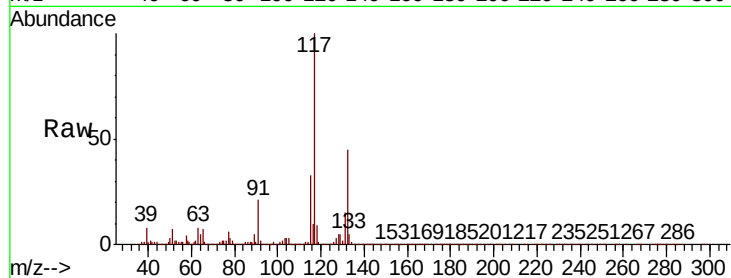
ClientSampled :

Tot Ion:117 Resp: 90955

Ion Ratio Lower Upper

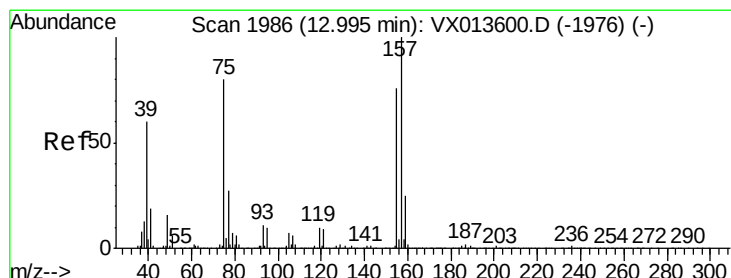
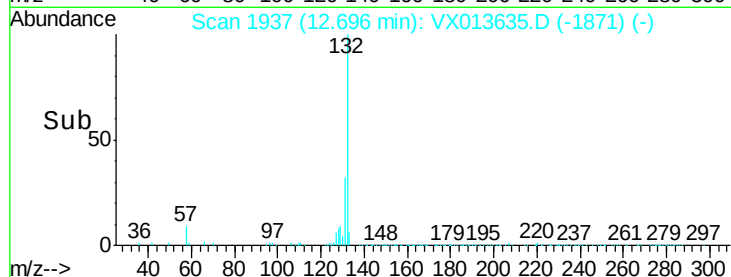
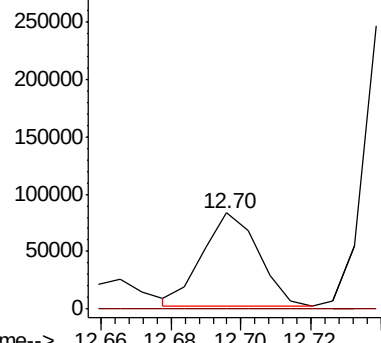
117 100

201 0.1 44.1 132.4#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.492 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VX013635.D

Acq: 27 Nov 2019 06:12

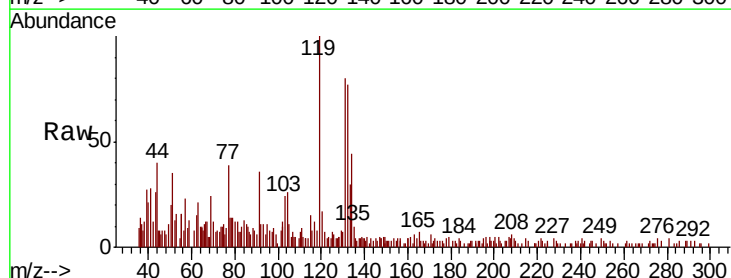
Tgt Ion: 75 Resp: 1175

Ion Ratio Lower Upper

75 100

155 50.6 47.6 142.8

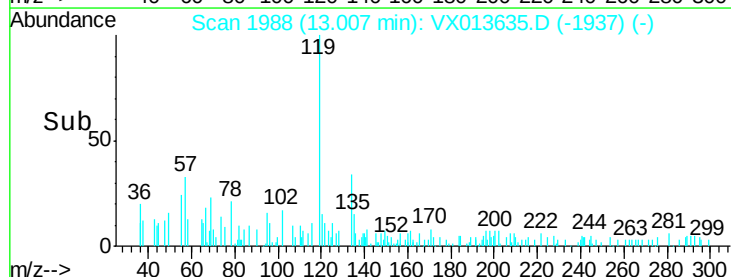
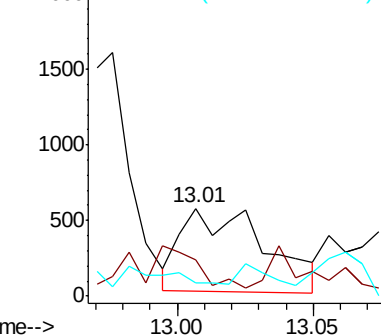
157 0.0 62.1 186.2#

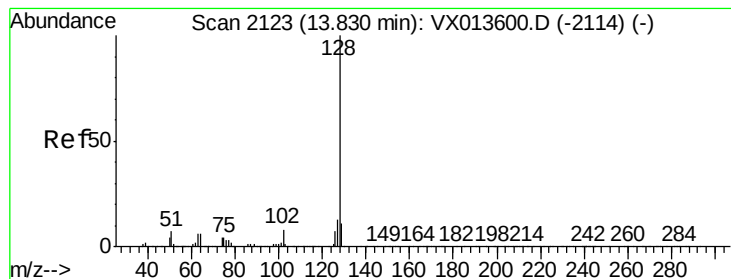


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 1.654 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013635.D
Acq: 27 Nov 2019 06:12

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 50544
Ion Ratio Lower Upper
128 100
127 13.7 10.3 15.5
129 15.1 8.7 13.1#

