

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009809.D
 Acq On : 22 May 2019 17:07
 Operator : JC/SP
 Sample : K2977-12 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 07:17:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171873	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	273237	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	106312	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	117364	50.02	ug/l	0.00
Spiked Amount			Recovery	=	100.04%	
35) Dibromofluoromethane	5.50	113	84732	49.33	ug/l	0.00
Spiked Amount			Recovery	=	98.66%	
50) Toluene-d8	8.71	98	348250	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	118502	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	1029	0.476	ug/l #	87
11) Tert butyl alcohol	3.02	59	5860	10.790	ug/l #	77
13) Acrolein	2.29	56	188	0.382	ug/l #	72
16) Acetone	2.44	43	1347	1.069	ug/l	90
17) Carbon Disulfide	2.57	76	975	0.215	ug/l #	82
18) Methyl Acetate	2.78	43	1172	0.391	ug/l #	90
25) 2-Butanone	4.69	43	924	0.472	ug/l #	53
28) Bromochloromethane	4.98	49	40	Below Cal	#	20
36) 1,1-Dichloropropene	5.67	75	13917	5.481	ug/l #	50
38) Carbon Tetrachloride	5.66	117	15948	6.913	ug/l #	16
39) Methylcyclohexane	7.46	83	903	0.290	ug/l	94
49) 1,4-Dioxane	7.85	88	19	0.334	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	598	0.307	ug/l #	15
67) Ethyl Benzene	10.25	91	66591	7.445	ug/l	97
68) m/p-Xylenes	10.35	106	67999	20.805	ug/l	98
69) o-Xylene	10.69	106	17372	5.387	ug/l	99
73) Isopropylbenzene	11.02	105	86779	11.225	ug/l	100
74) N-amyl acetate	10.91	43	1967	0.436	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	1584	0.550	ug/l #	25
76) 1,2,3-Trichloropropane	11.43	75	2703	1.096	ug/l #	1
78) n-propylbenzene	11.36	91	195482	22.141	ug/l	99
79) 2-Chlorotoluene	11.43	91	32677	5.999	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	166179	25.529	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	61687	64.003	ug/l #	11
82) 4-Chlorotoluene	11.51	91	17967	2.920	ug/l #	46
83) tert-Butylbenzene	11.77	119	11670	1.843	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	806696	123.465	ug/l	98
85) sec-Butylbenzene	11.94	105	50967	6.789	ug/l #	78
86) p-Isopropyltoluene	12.06	119	23913	3.543	ug/l	98
89) n-Butylbenzene	12.38	91	43831	7.185	ug/l #	58
90) Hexachloroethane	12.58	117	4318	3.755	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	13.01	75	470	0.727	ug/l #	2
95) Naphthalene	13.83	128	42529	5.487	ug/l	98

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QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

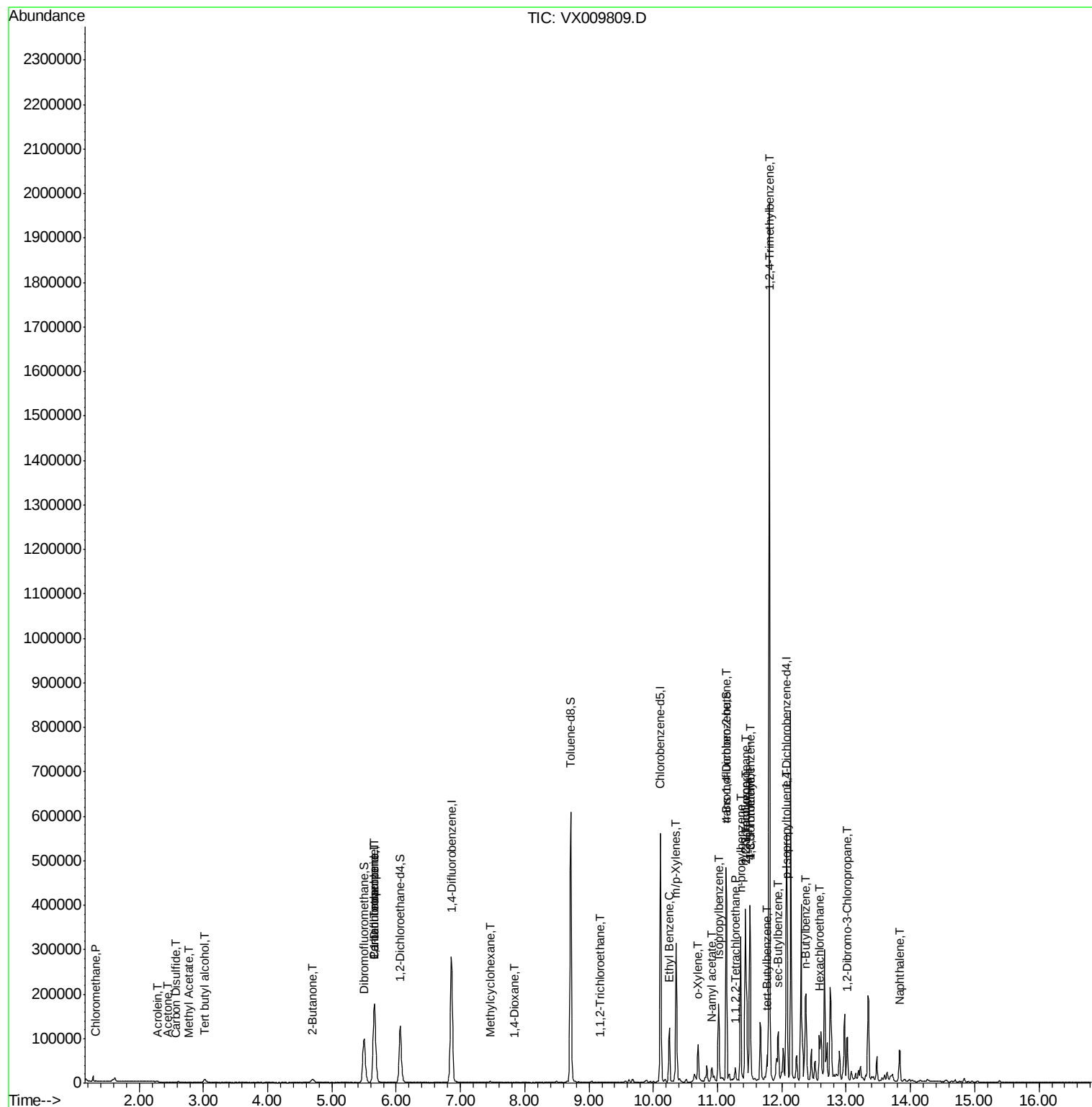
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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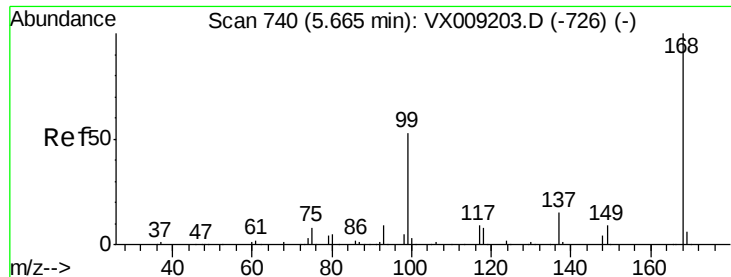
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

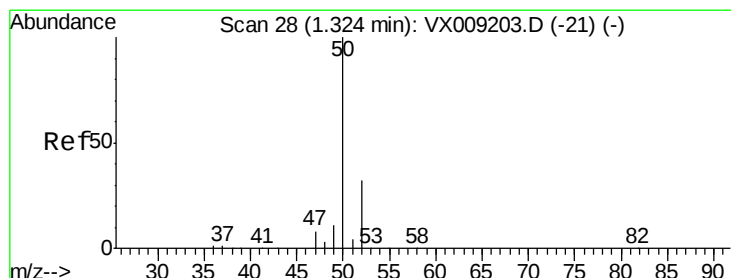
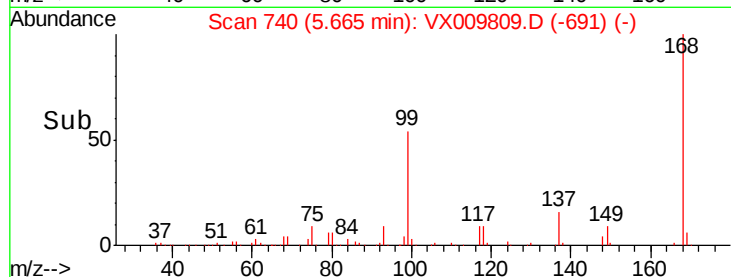
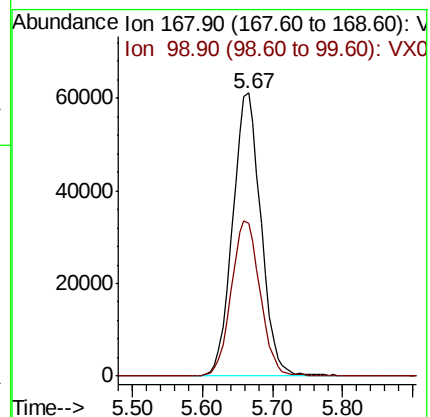
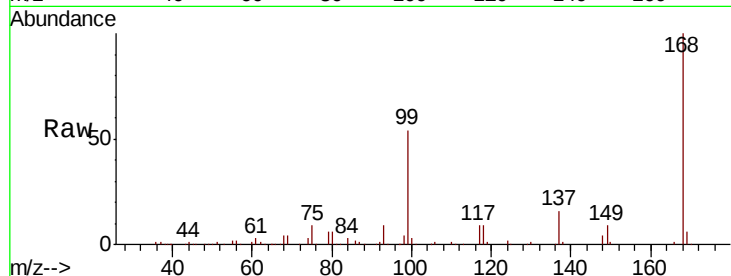
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 171873

Ion Ratio Lower Upper

168 100

99 53.8 42.3 63.5



#3

Chloromethane

Concen: 0.476 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009809.D

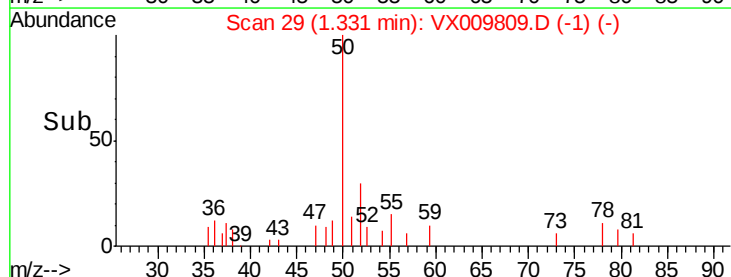
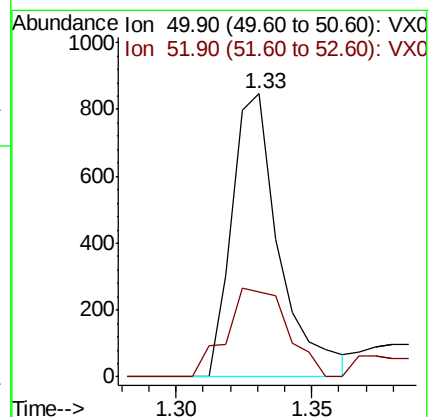
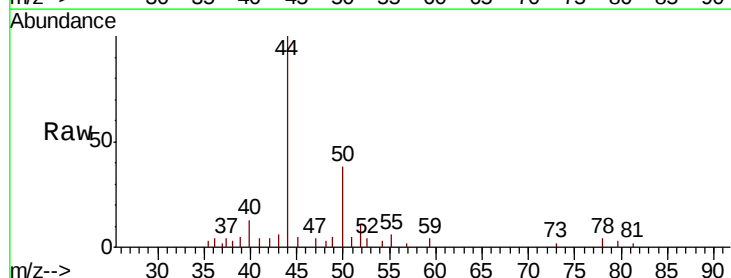
Acq: 22 May 2019 17:07

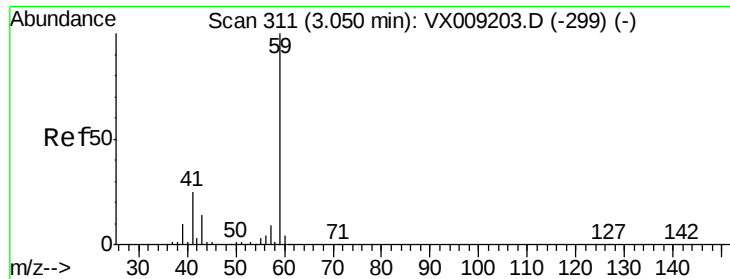
Tgt Ion: 50 Resp: 1029

Ion Ratio Lower Upper

50 100

52 39.7 25.9 38.9#

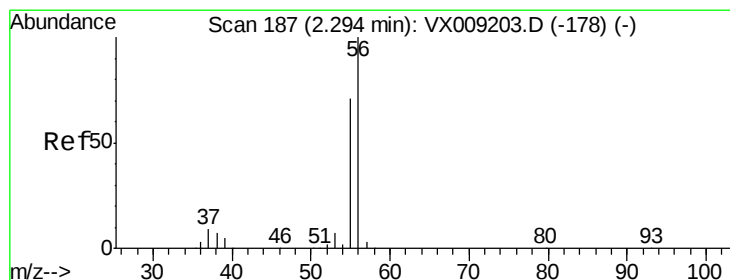
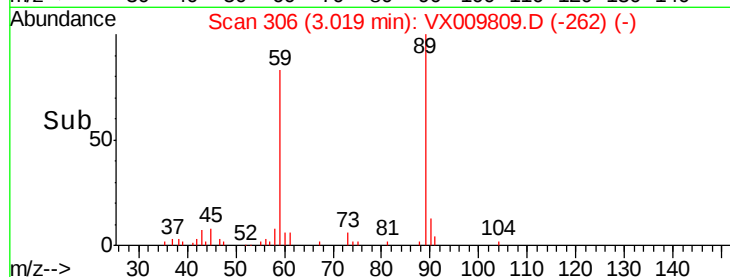
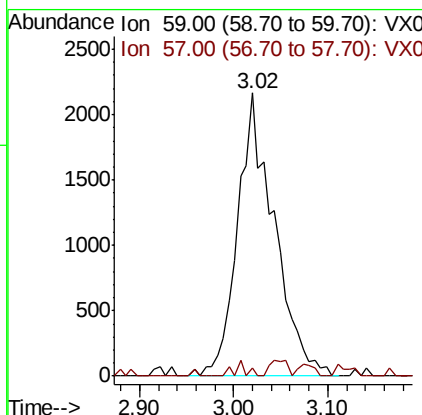
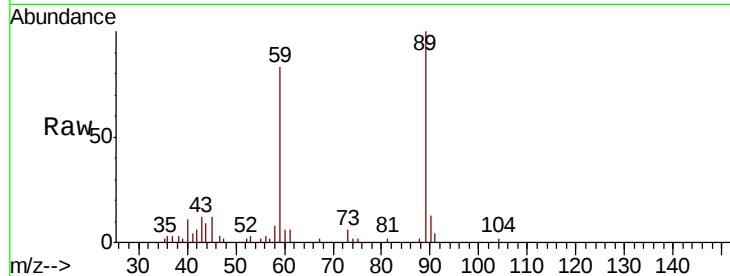




#11
Tert butyl alcohol
Concen: 10.790 ug/l
RT: 3.02 min Scan# 306
Delta R.T. -0.03 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

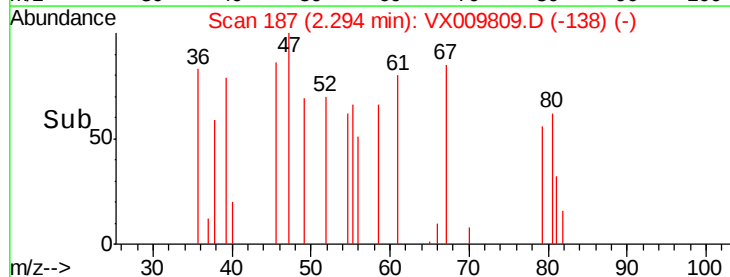
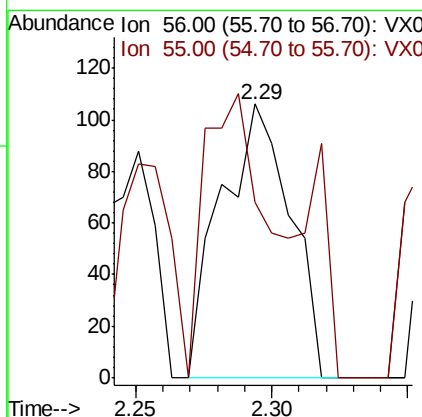
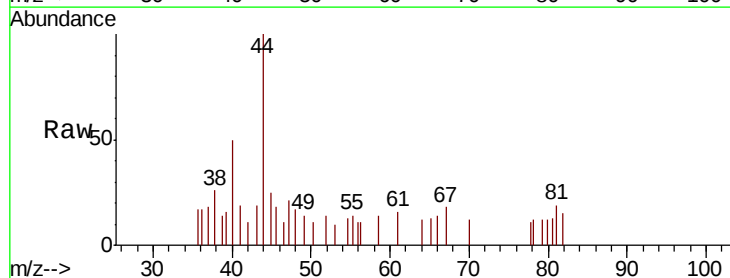
Instrument :
MSVOA_X
ClientSampleId :

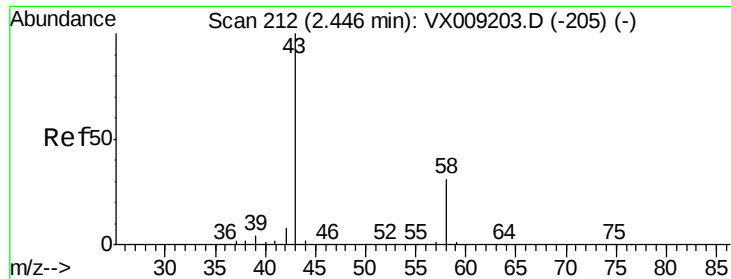
Tot Ion: 59 Resp: 5860
Ion Ratio Lower Upper
59 100
57 1.6 8.2 12.2#



#13
Acrolein
Concen: 0.382 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 56 Resp: 188
Ion Ratio Lower Upper
56 100
55 93.6 56.6 85.0#





#16

Acetone

Concen: 1.069 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

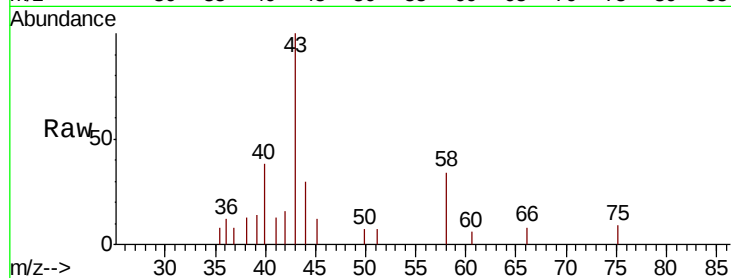
ClientSampleId :

Tot Ion: 43 Resp: 1347

Ion Ratio Lower Upper

43 100

58 36.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

800

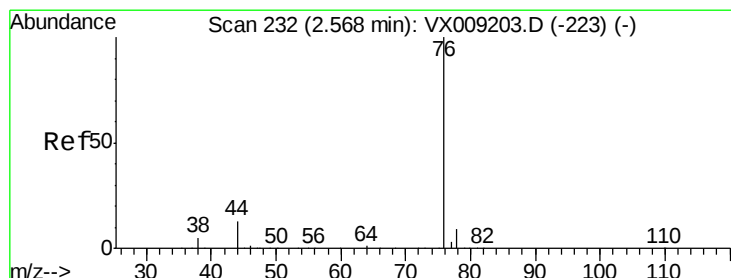
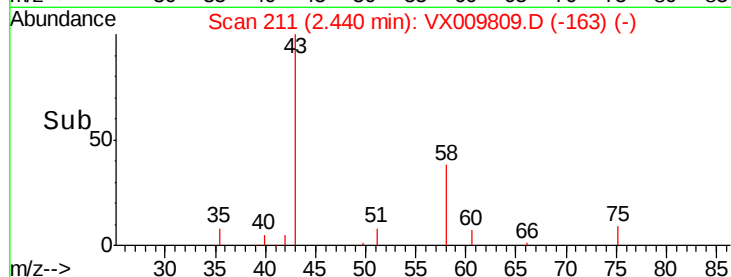
600

400

200

0

Time-->



#17

Carbon Disulfide

Concen: 0.215 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX009809.D

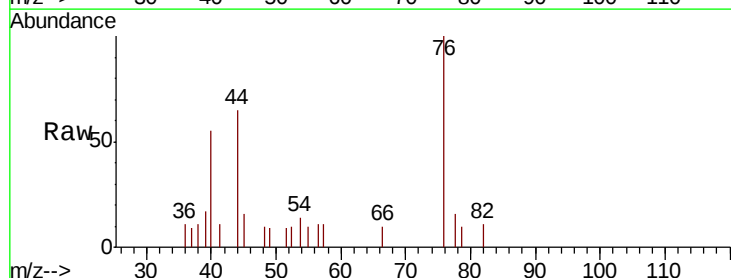
Acq: 22 May 2019 17:07

Tgt Ion: 76 Resp: 975

Ion Ratio Lower Upper

76 100

78 15.8 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

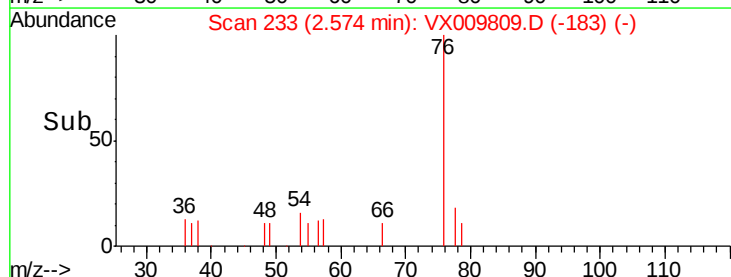
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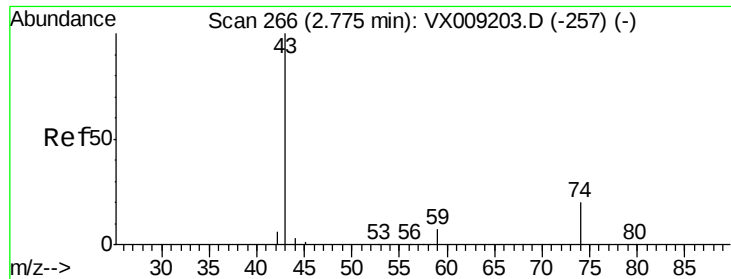
400

200

0

Time-->

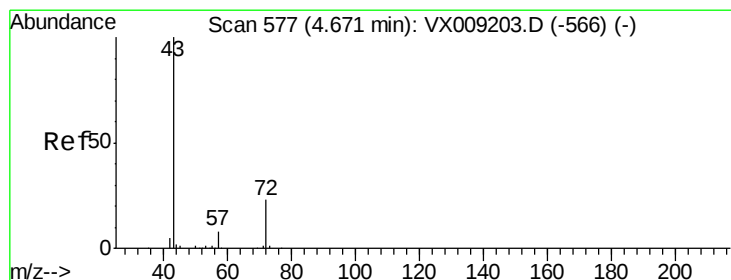
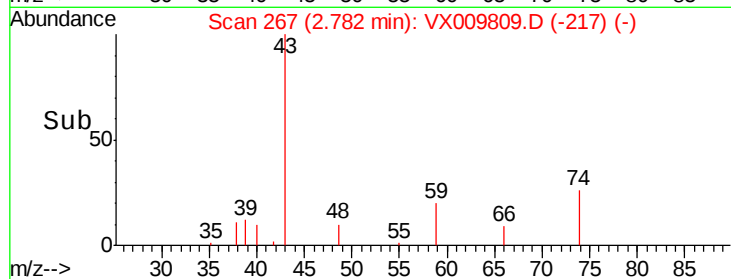
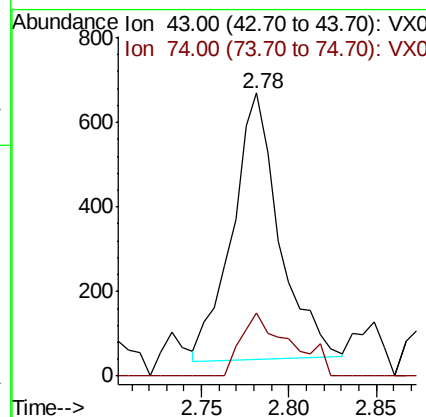
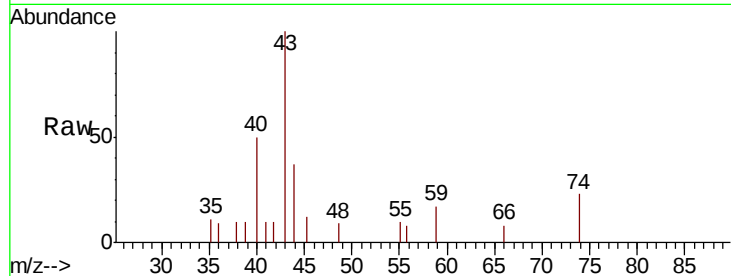




#18
Methvl Acetate
Concen: 0.391 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

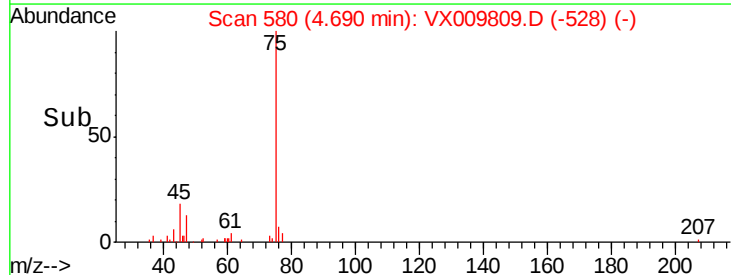
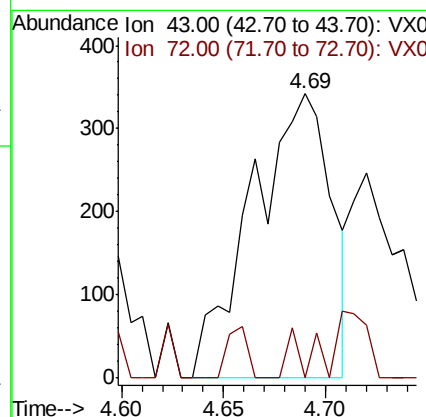
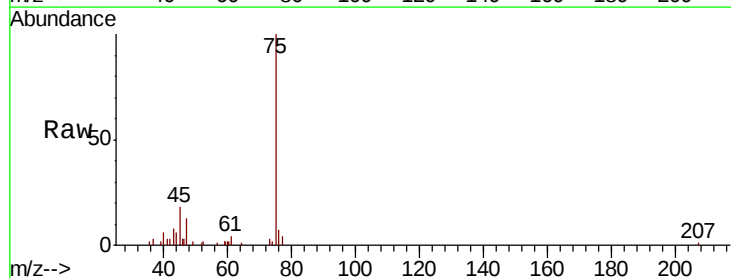
Instrument :
MSVOA_X
ClientSampleId :

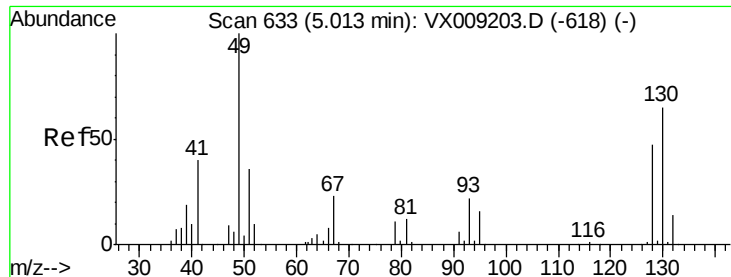
Tot Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
74 25.1 16.2 24.4#



#25
2-Butanone
Concen: 0.472 ug/l
RT: 4.69 min Scan# 580
Delta R.T. 0.02 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 43 Resp: 924
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#28

Bromochloromethane

Concen: Below Cal

RT: 4.98 min Scan# 627

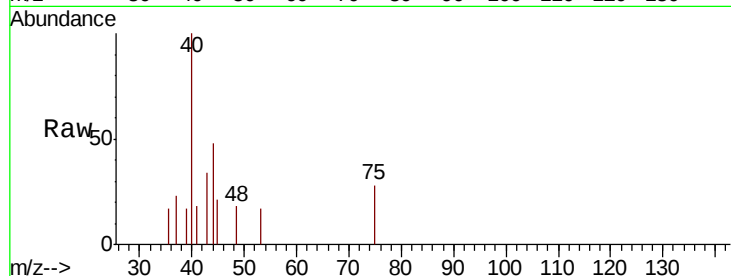
Delta R.T. -0.04 min

Lab File: VX009809.D

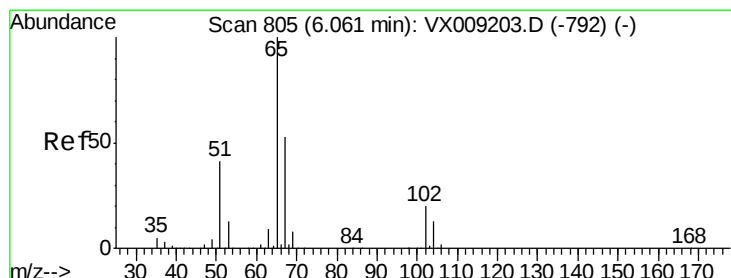
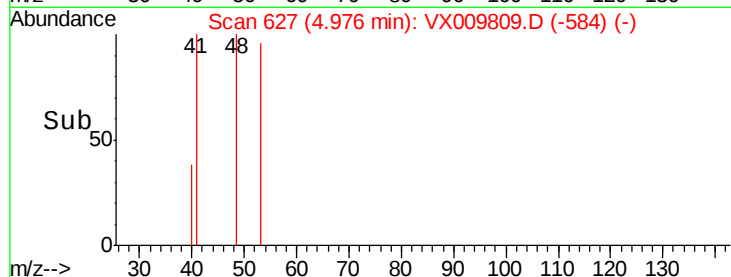
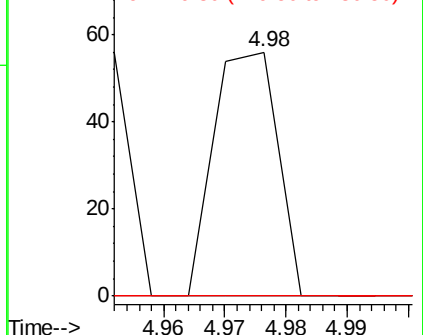
Acq: 22 May 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 49 Resp: 40
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 0.0 51.2 76.8#



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



#33

1,2-Dichloroethane-d4

Concen: 50.022 ug/l

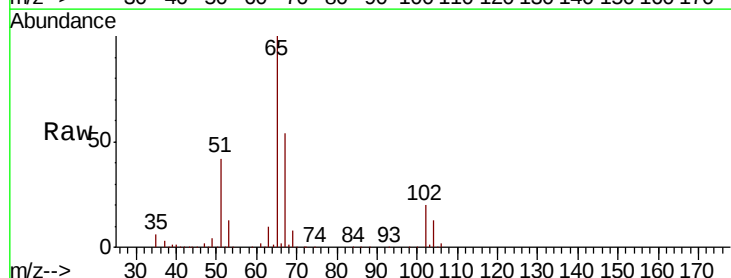
RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

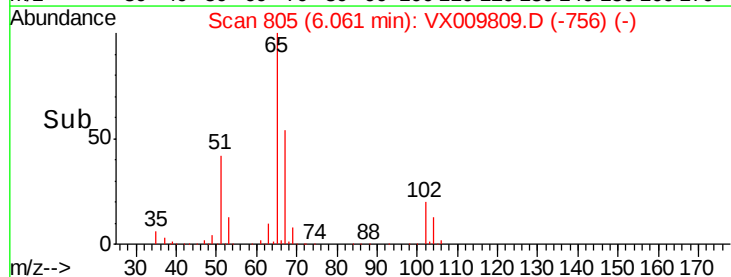
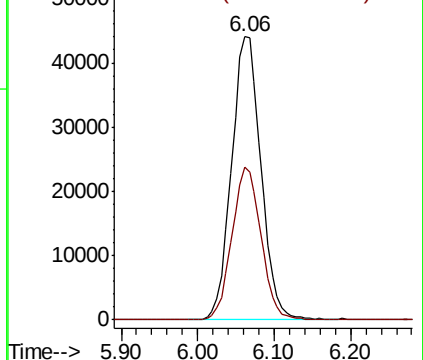
Lab File: VX009809.D

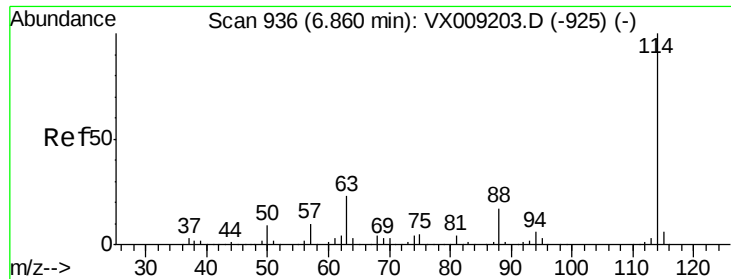
Acq: 22 May 2019 17:07

Tgt Ion: 65 Resp: 117364
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

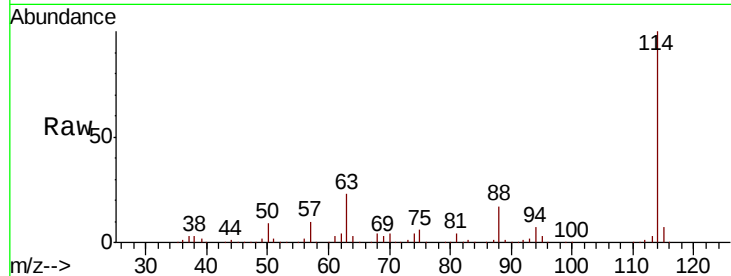




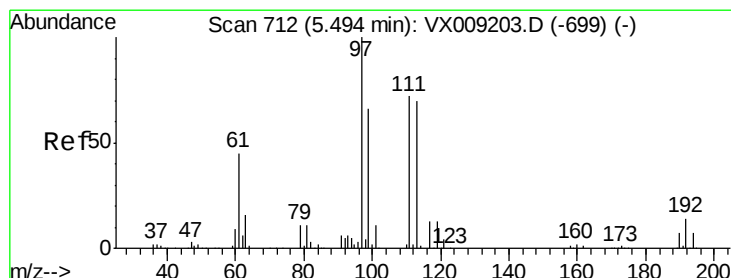
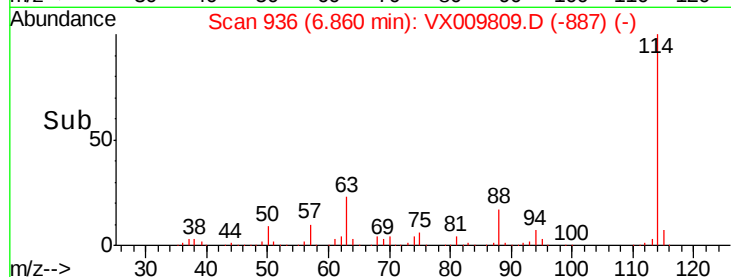
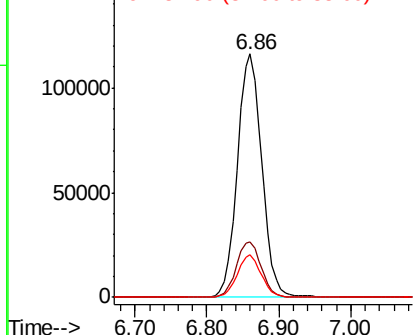
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	45.6
88	17.3	0.0	33.2

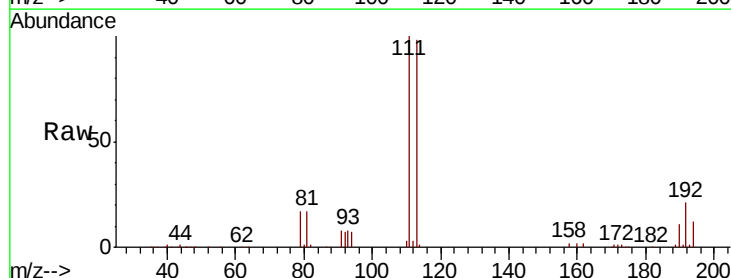


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

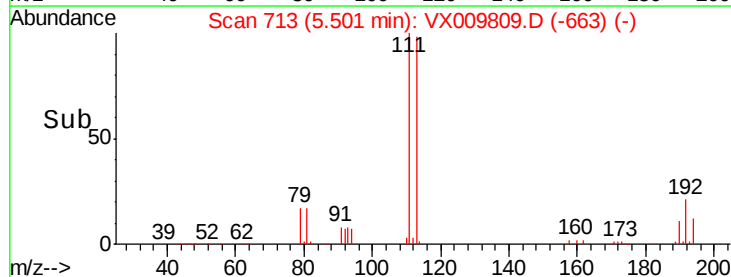
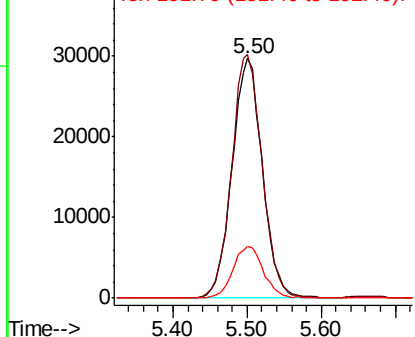


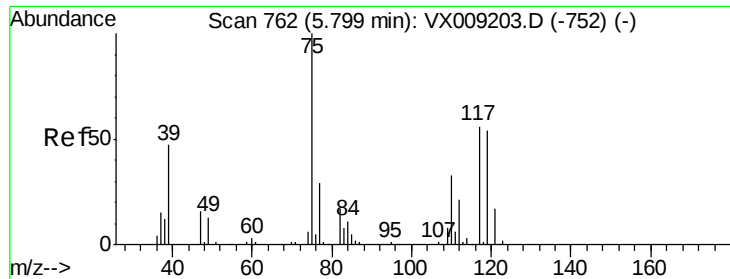
#35
 Dibromofluoromethane
 Concen: 49.329 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	21.8	17.0	25.6



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: 5.481 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

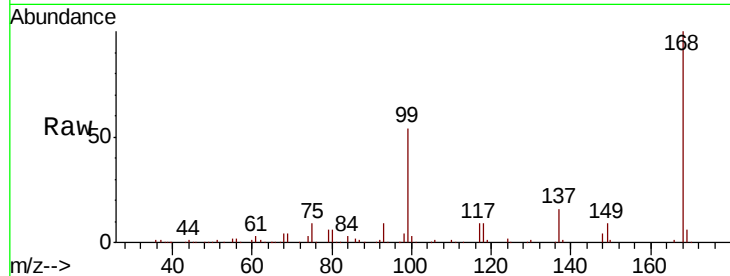
Tot Ion: 75 Resp: 13917

Ion Ratio Lower Upper

75 100

110 9.0 16.9 50.6#

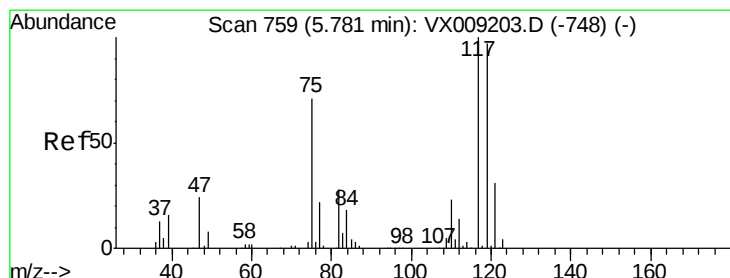
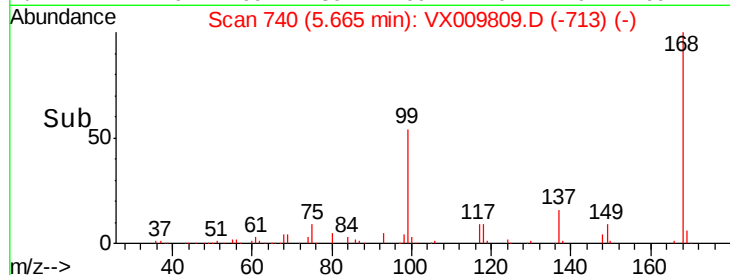
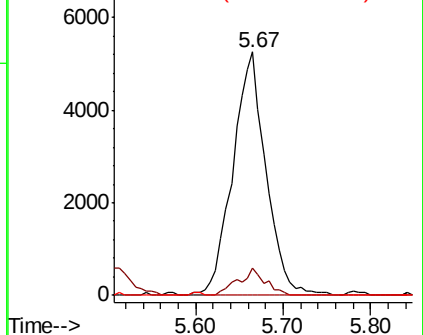
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.913 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

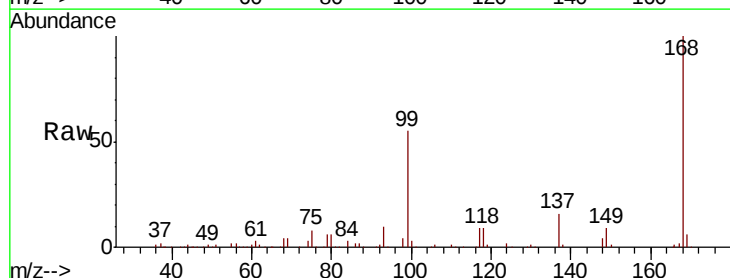
Tgt Ion: 117 Resp: 15948

Ion Ratio Lower Upper

117 100

119 5.5 77.5 116.3#

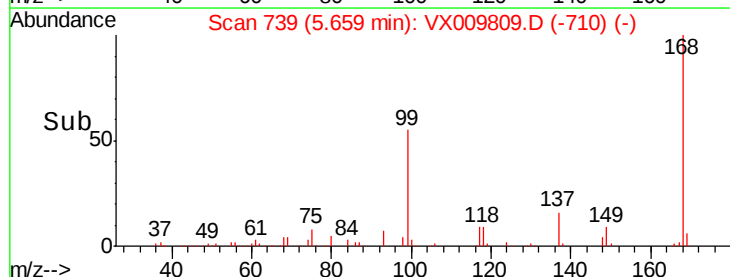
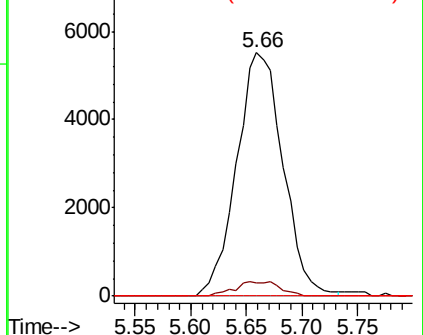
121 0.0 24.7 37.1#

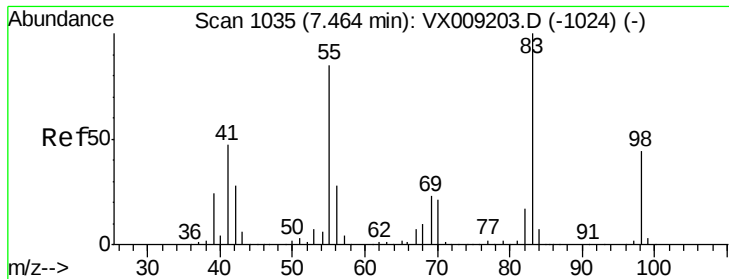


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

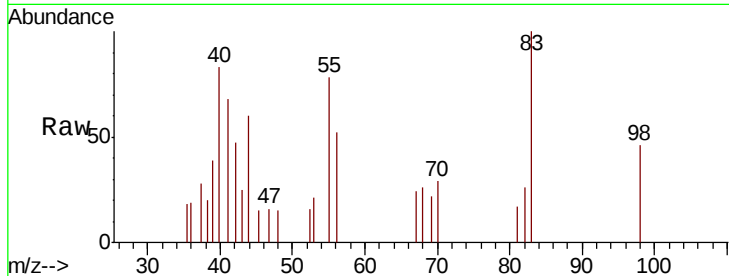




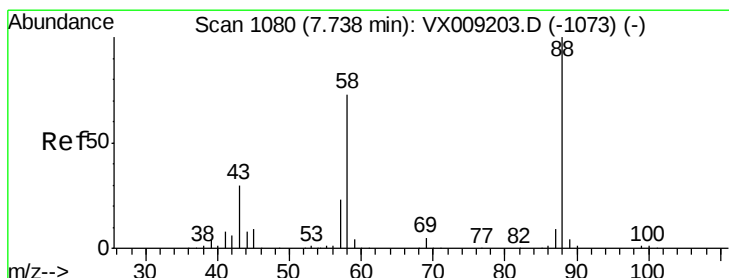
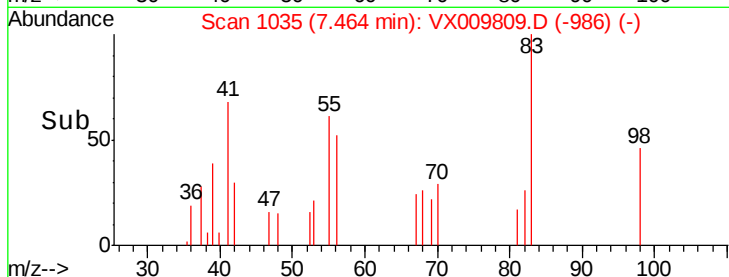
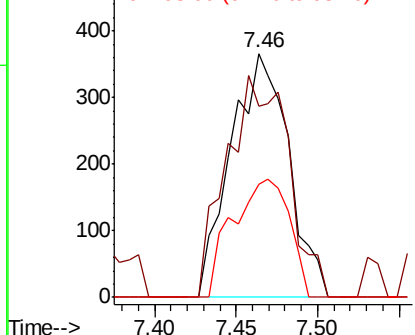
#39
Methylcyclohexane
Concen: 0.290 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 903
Ion Ratio Lower Upper
83 100
55 78.4 67.7 101.5
98 46.4 35.5 53.3

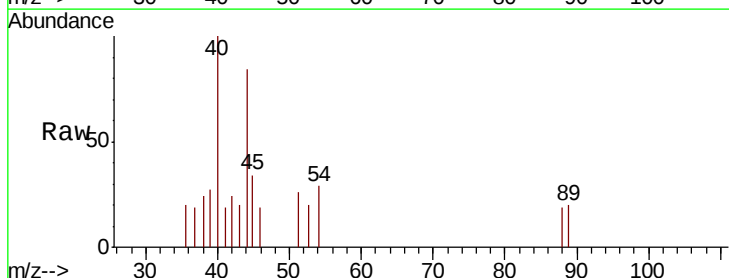


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

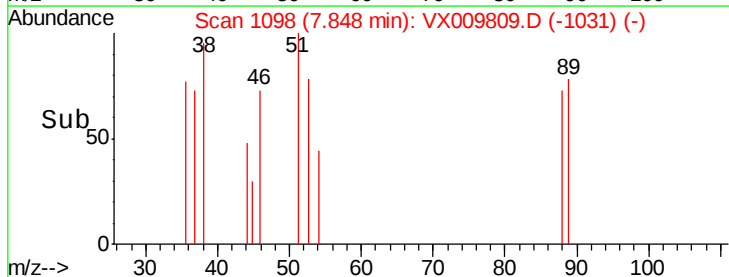
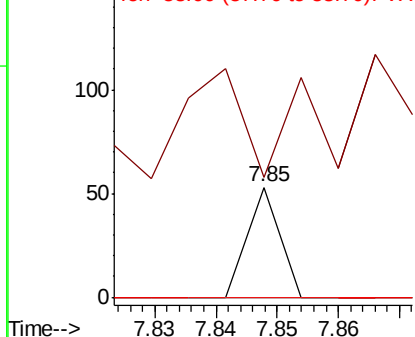


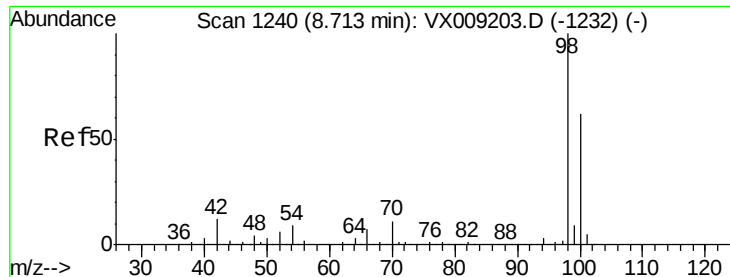
#49
1,4-Dioxane
Concen: 0.334 ug/l
RT: 7.85 min Scan# 1098
Delta R.T. 0.11 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
43 510.5 28.6 42.8#
58 0.0 61.7 92.5#



Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.219 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

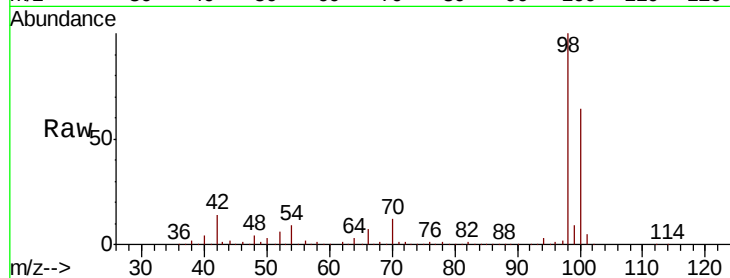
ClientSampled :

Tot Ion: 98 Resp: 348250

Ion Ratio Lower Upper

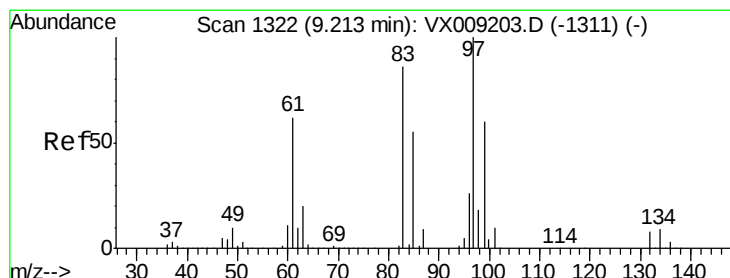
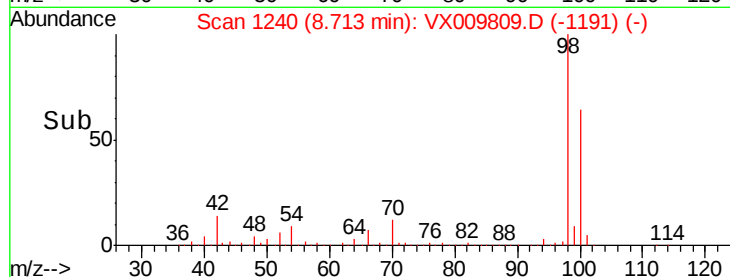
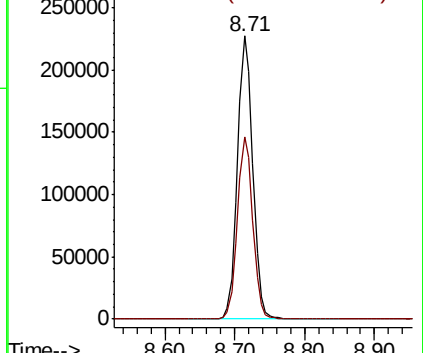
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#55

1,1,2-Trichloroethane

Concen: 0.307 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Tgt Ion: 97 Resp: 598

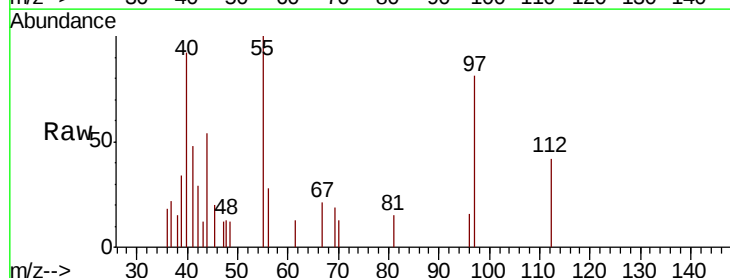
Ion Ratio Lower Upper

97 100

83 0.0 68.9 103.3#

85 0.0 43.8 65.6#

99 0.0 48.2 72.2#

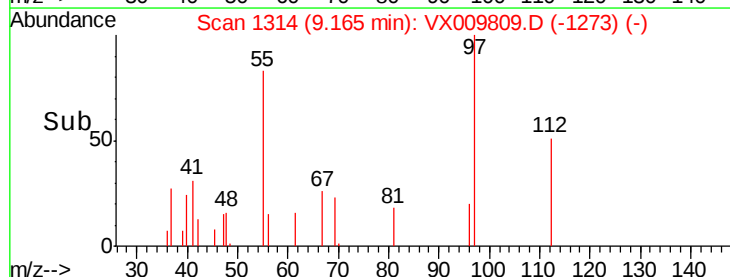
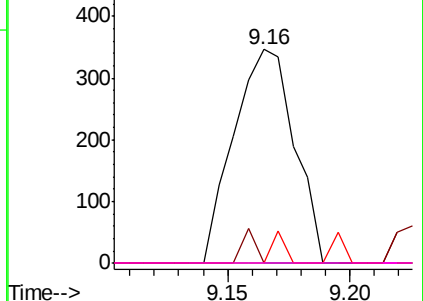


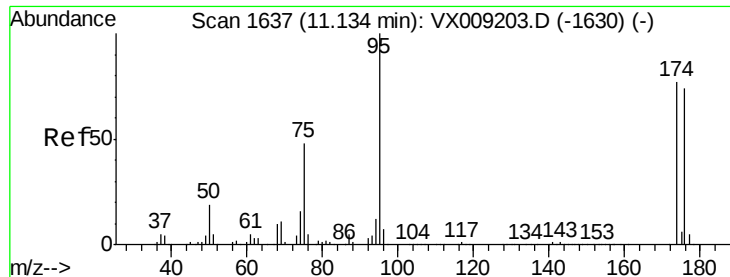
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0





#62

4-Bromofluorobenzene

Concen: 47.028 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

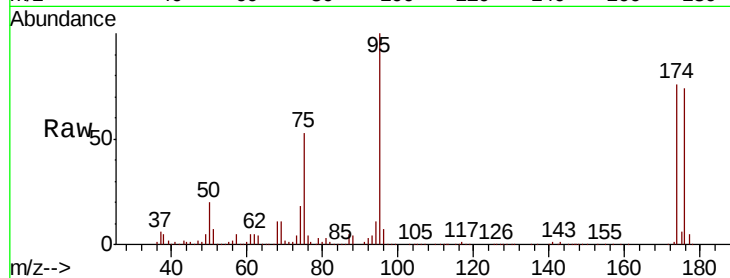
Tot Ion: 95 Resp: 118502

Ion Ratio Lower Upper

95 100

174 81.1 0.0 161.6

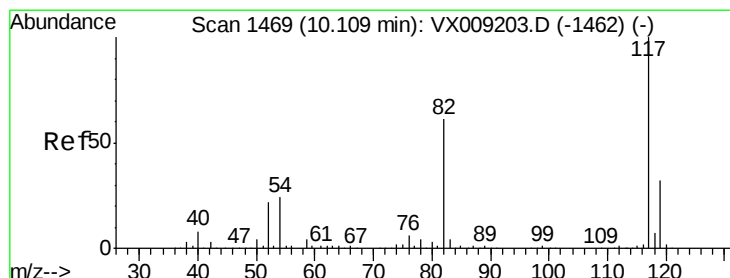
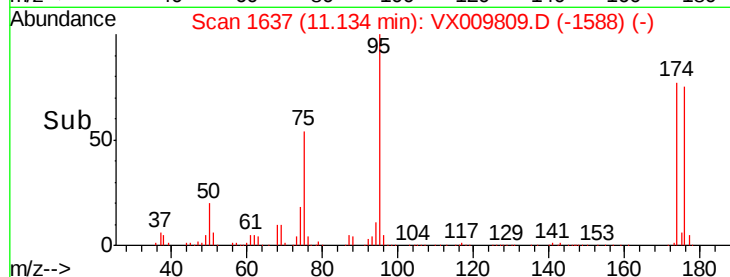
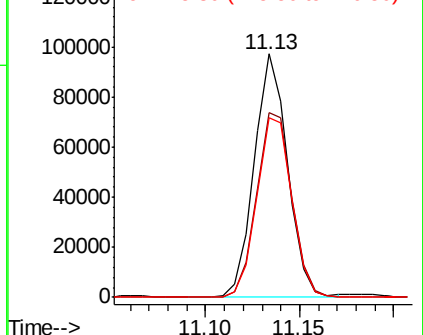
176 78.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

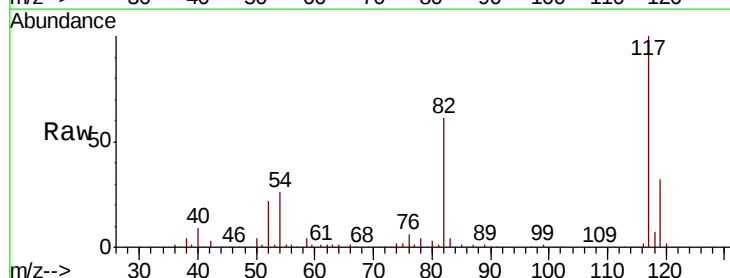
Tgt Ion: 117 Resp: 242936

Ion Ratio Lower Upper

117 100

82 60.7 48.8 73.2

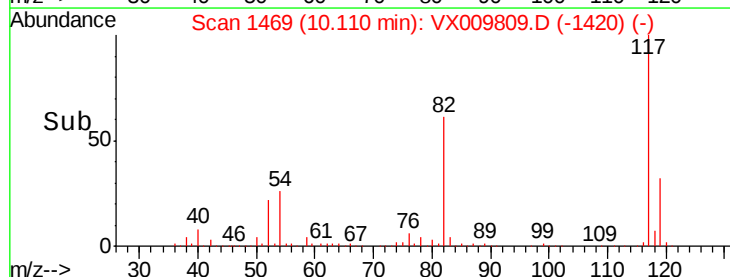
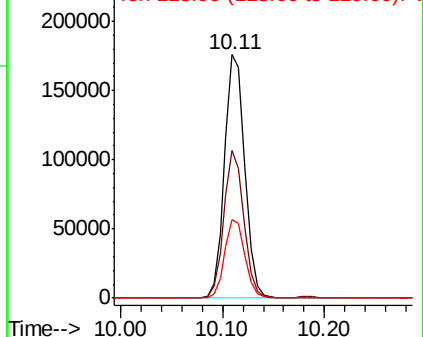
119 32.2 25.8 38.6

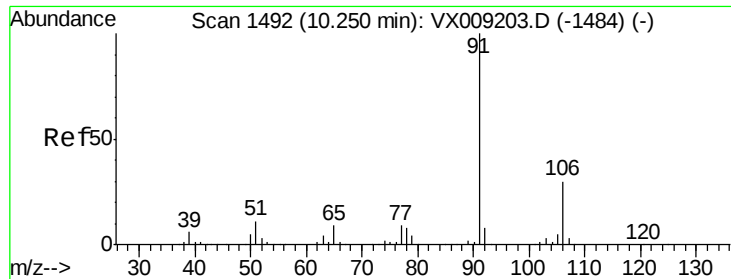


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#67

Ethyl Benzene

Concen: 7.445 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

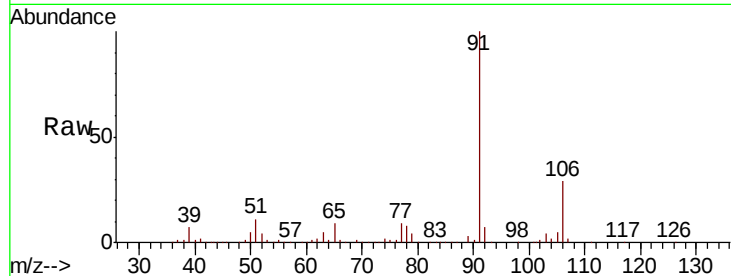
ClientSampled :

Tot Ion: 91 Resp: 66591

Ion Ratio Lower Upper

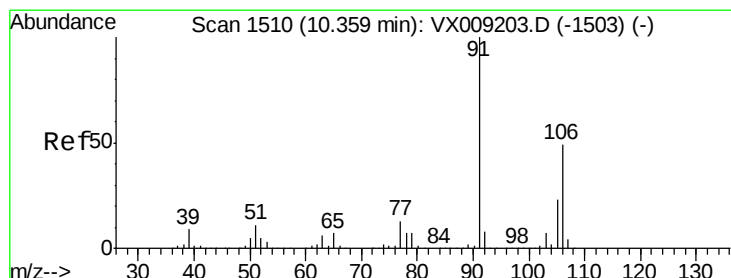
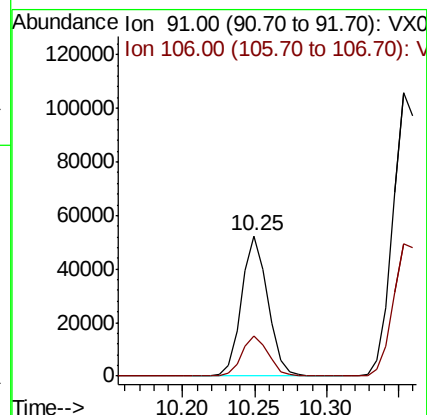
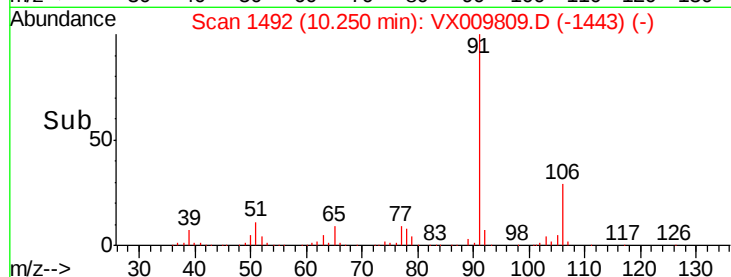
91 100

106 28.6 24.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX009203.D (-1484) (-)

Ion 106.00 (105.70 to 106.70): VX009203.D (-1484) (-)



#68

m/p-Xylenes

Concen: 20.805 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009809.D

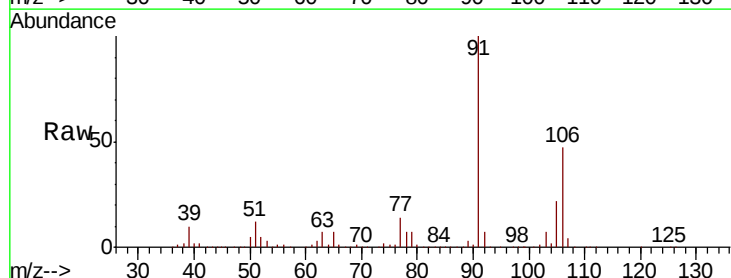
Acq: 22 May 2019 17:07

Tgt Ion: 106 Resp: 67999

Ion Ratio Lower Upper

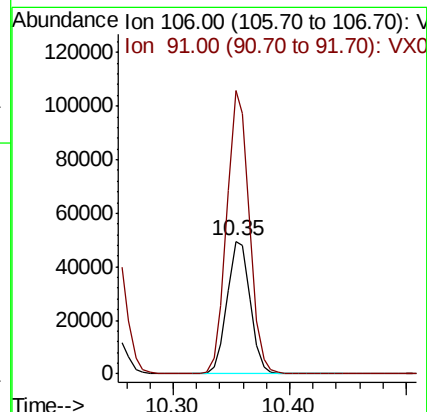
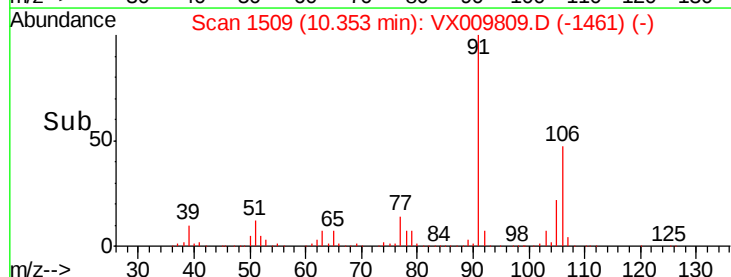
106 100

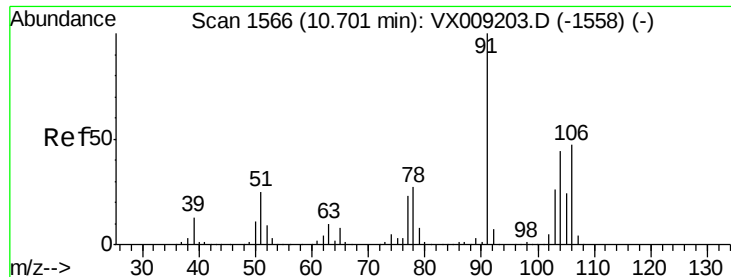
91 207.7 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): VX009203.D (-1503) (-)

Ion 91.00 (90.70 to 91.70): VX009203.D (-1503) (-)

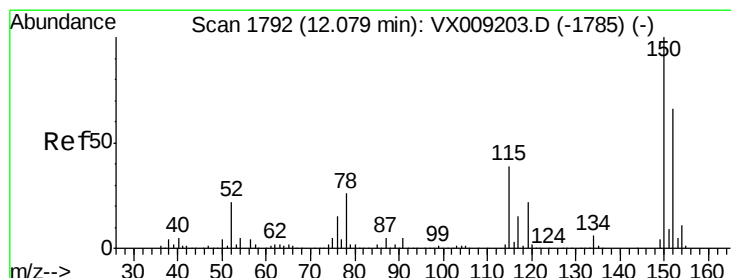
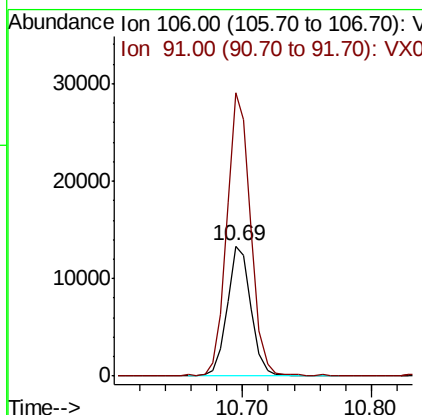
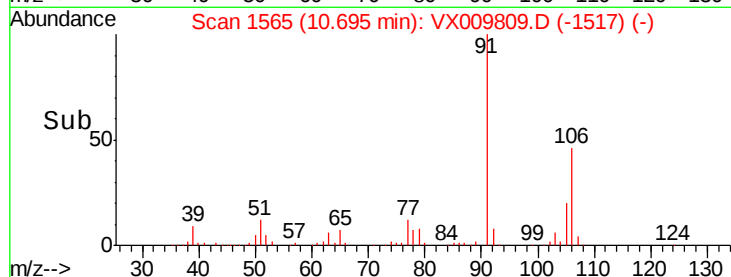
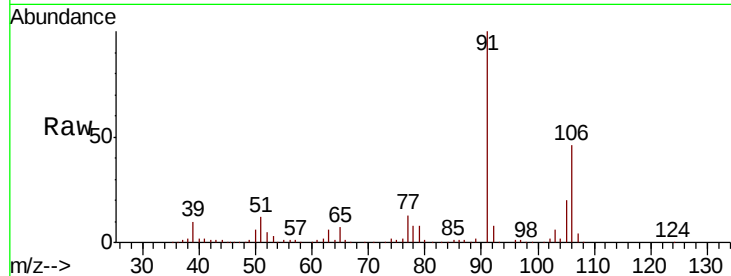




#69
o-Xylene
Concen: 5.387 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

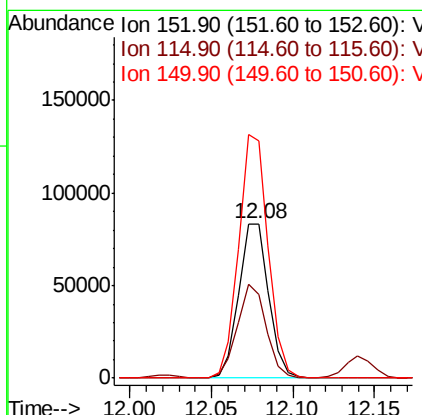
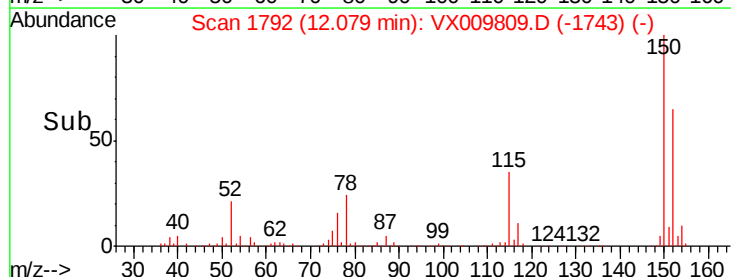
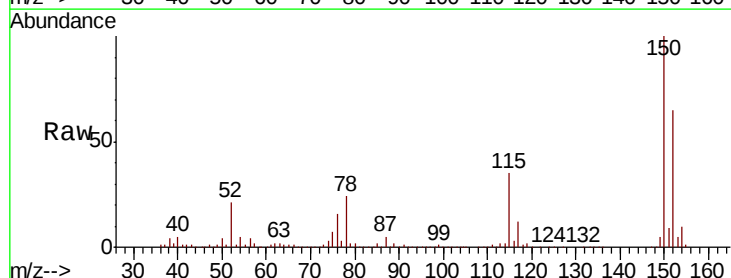
Instrument :
MSVOA_X
ClientSampleId :

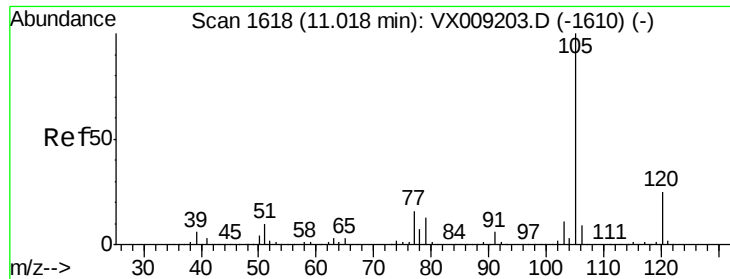
Tot Ion:106 Resp: 17372
Ion Ratio Lower Upper
106 100
91 217.3 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion:152 Resp: 106312
Ion Ratio Lower Upper
152 100
115 58.9 41.2 123.6
150 155.7 0.0 346.4





#73

Isopropylbenzene

Concen: 11.225 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

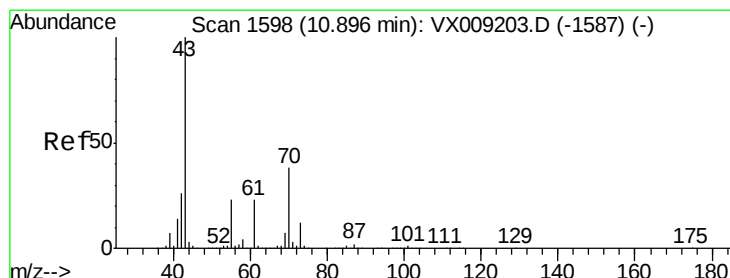
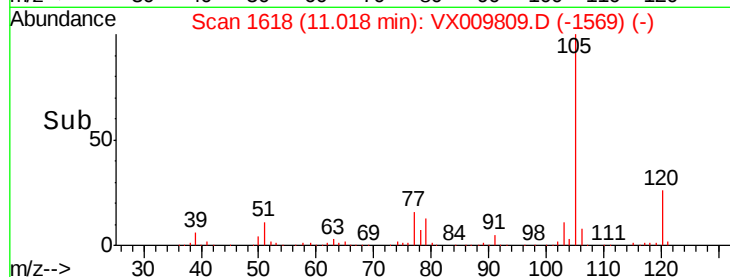
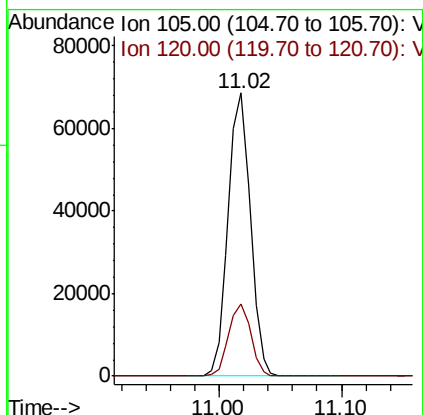
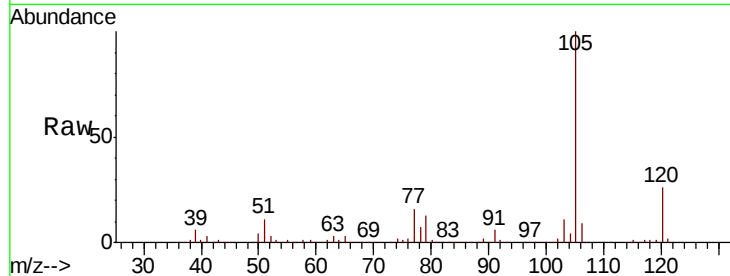
ClientSampleId :

Tot Ion:105 Resp: 86779

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.3



#74

N-ethyl acetate

Concen: 0.436 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Tgt Ion: 43 Resp: 1967

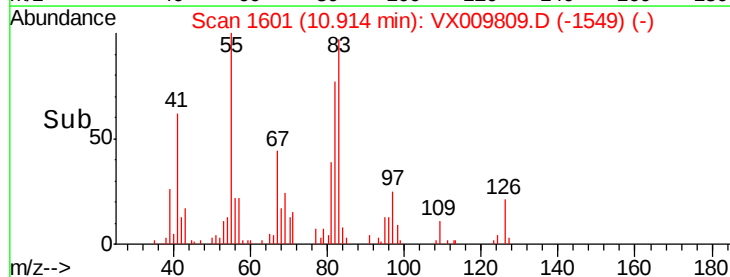
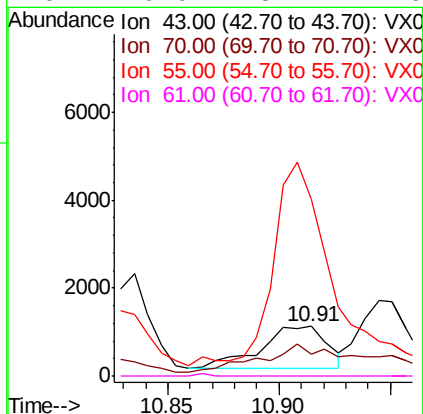
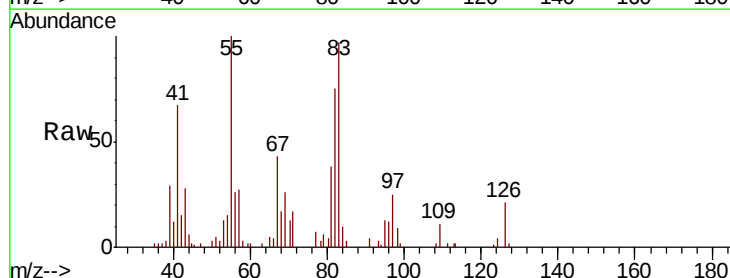
Ion Ratio Lower Upper

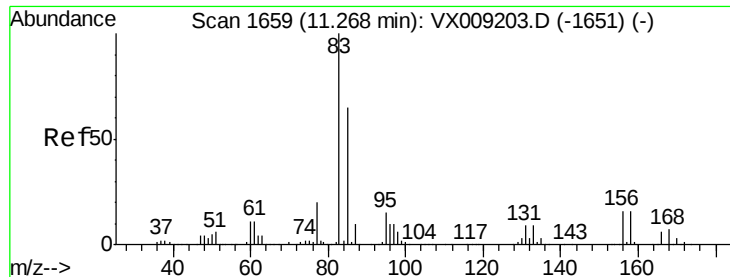
43 100

70 97.6 30.0 45.0#

55 425.4 17.9 26.9#

61 0.0 18.4 27.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.550 ug/l

RT: 11.28 min Scan# 1661

Delta R.T. 0.01 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

ClientSampleId :

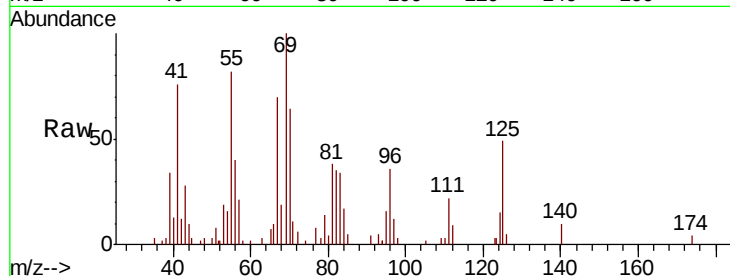
Tot Ion: 83 Resp: 1584

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

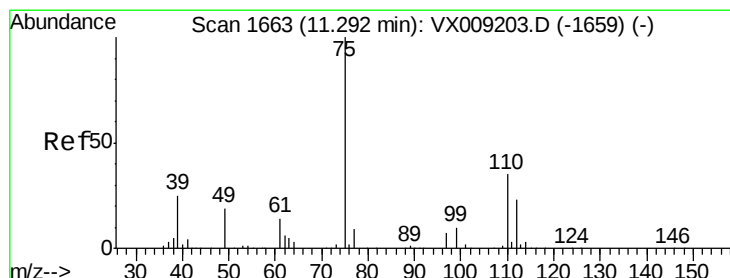
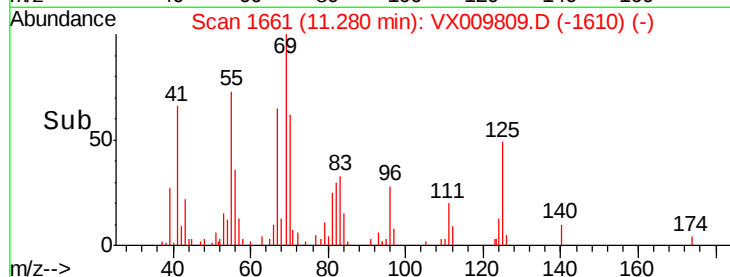
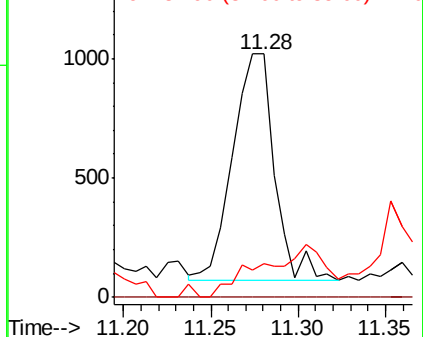
85 0.0 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.096 ug/l

RT: 11.43 min Scan# 1685

Delta R.T. 0.13 min

Lab File: VX009809.D

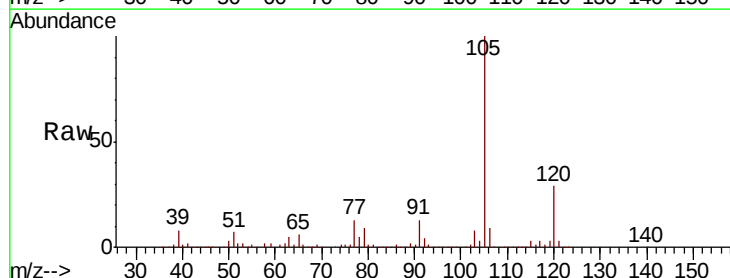
Acq: 22 May 2019 17:07

Tgt Ion: 75 Resp: 2703

Ion Ratio Lower Upper

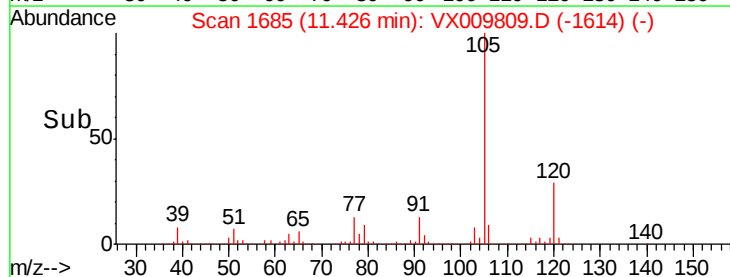
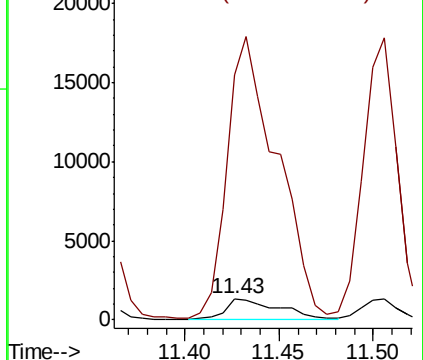
75 100

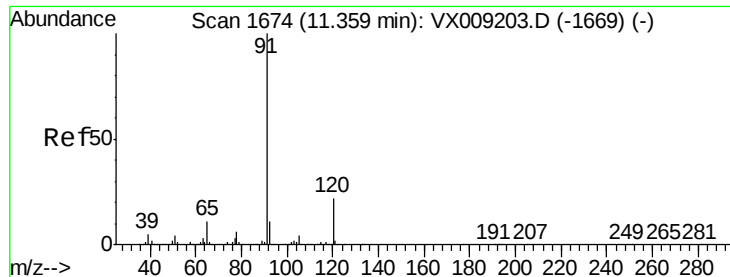
77 1210.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 22.141 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

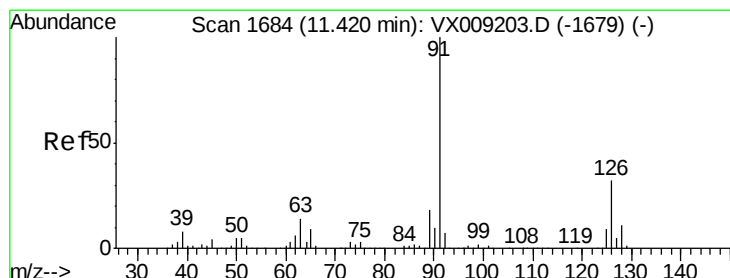
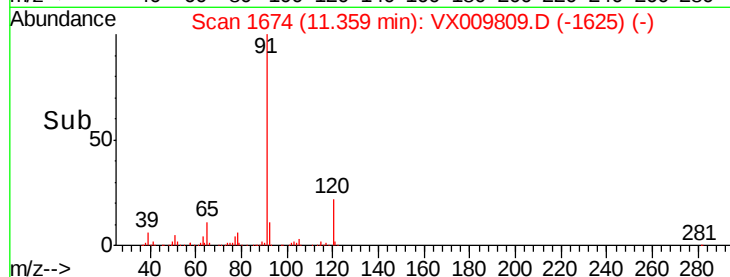
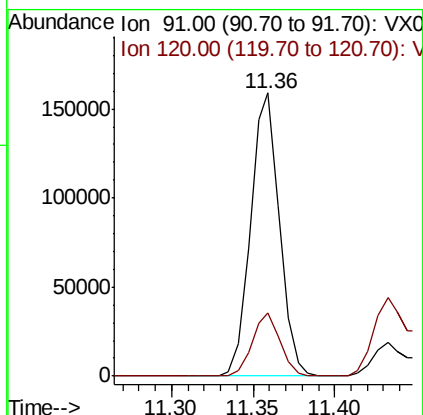
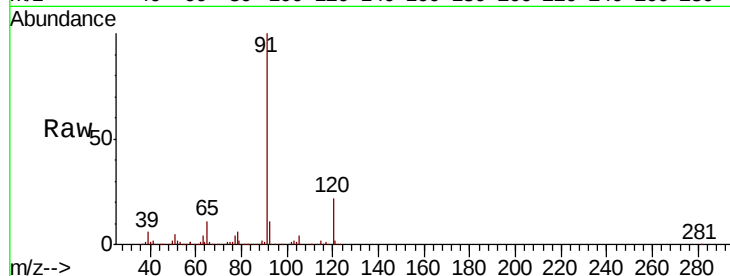
ClientSampleId :

Tot Ion: 91 Resp: 195482

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0



#79

2-Chlorotoluene

Concen: 5.999 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX009809.D

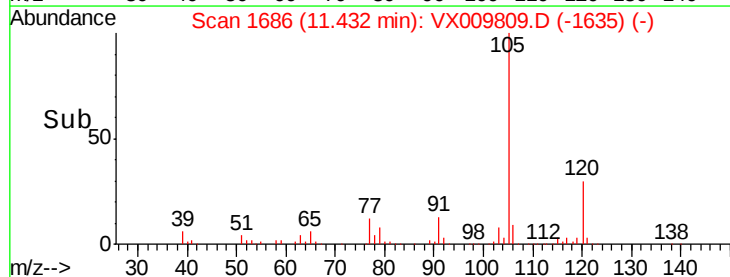
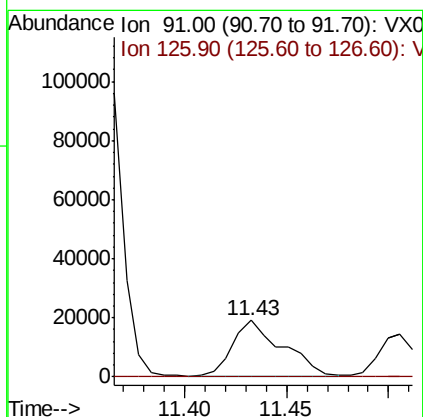
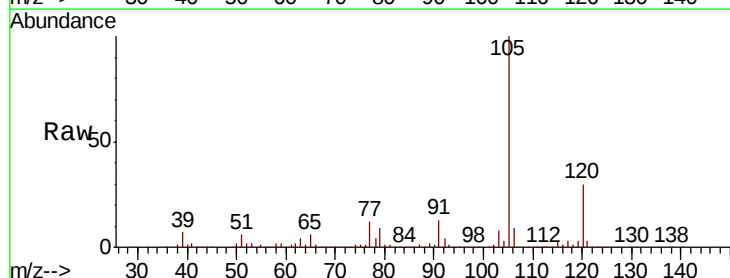
Acq: 22 May 2019 17:07

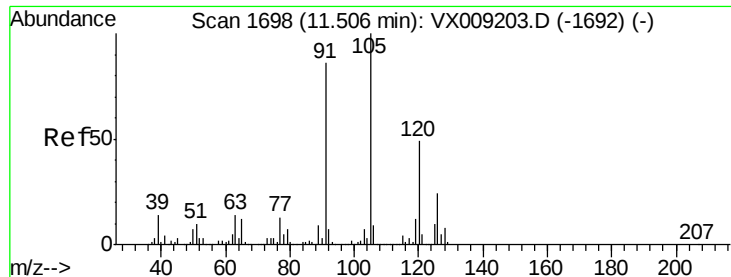
Tgt Ion: 91 Resp: 32677

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#

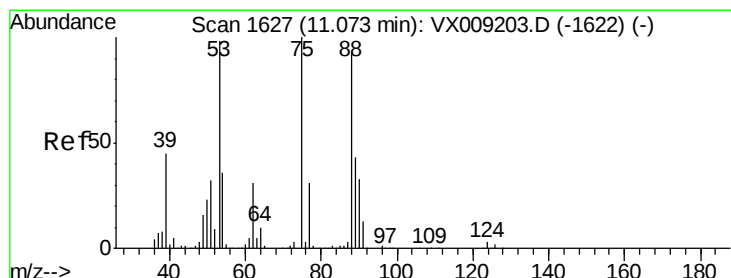
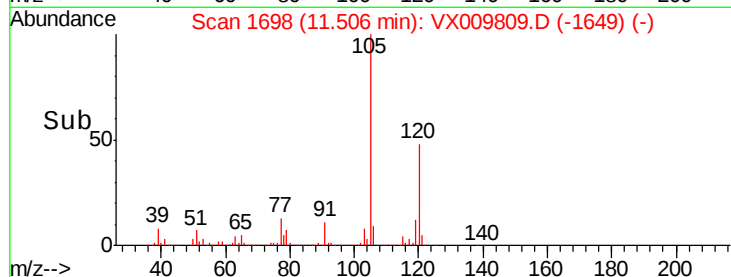
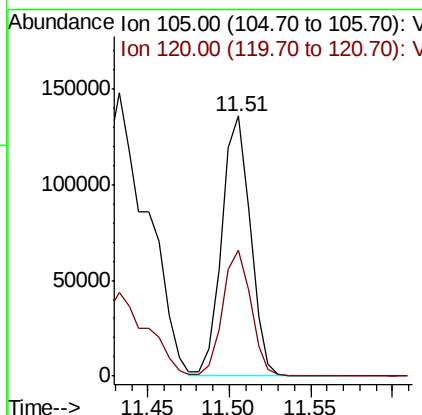
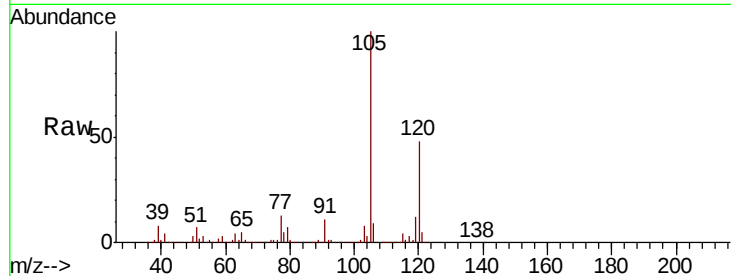




#80
 1,3,5-Trimethylbenzene
 Concen: 25.529 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

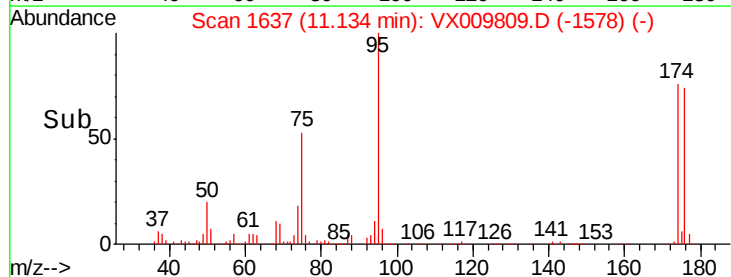
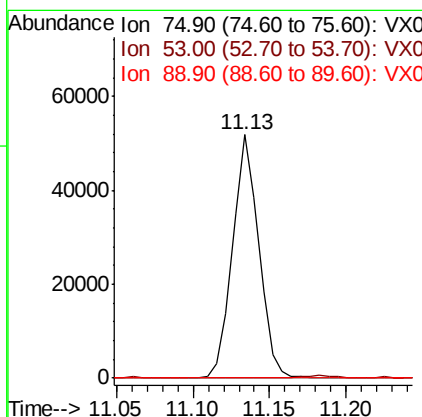
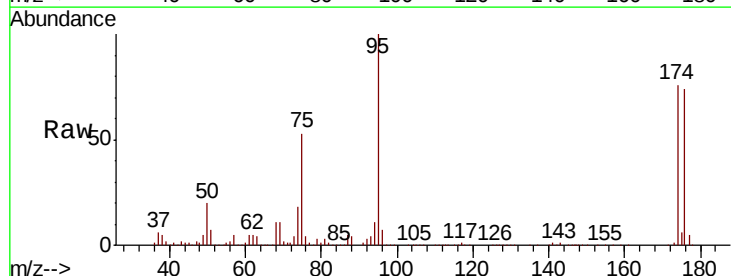
Instrument :
 MSVOA_X
 ClientSampleId :

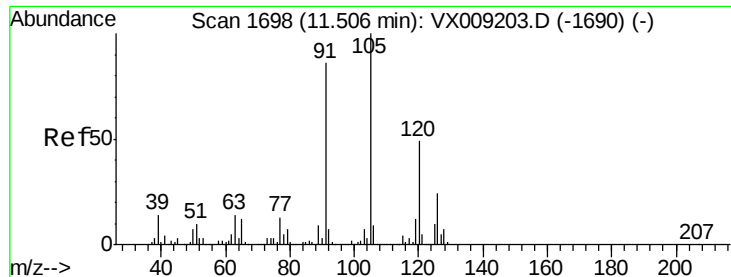
Tot Ion:105 Resp: 166179
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 64.003 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Tgt Ion: 75 Resp: 61687
 Ion Ratio Lower Upper
 75 100
 53 0.7 79.0 118.6#
 89 0.0 34.7 52.1#

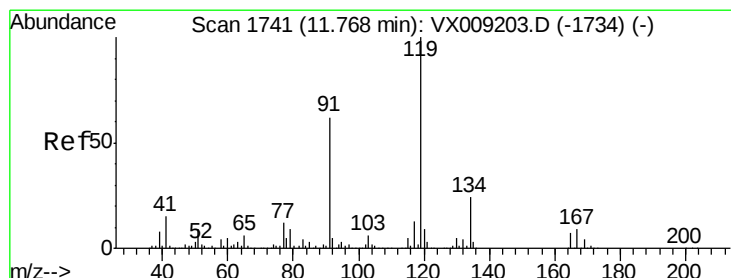
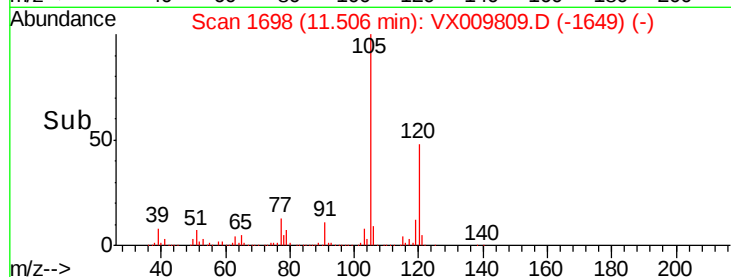
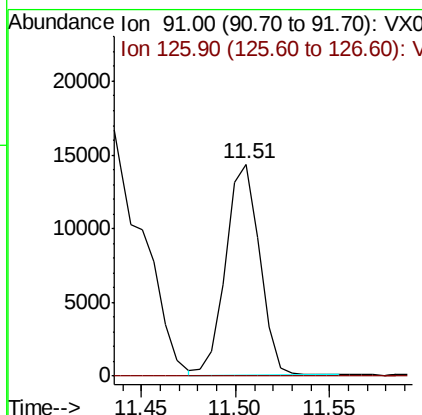
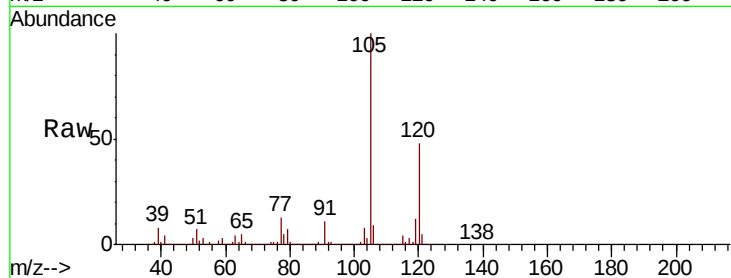




#82
4-Chlorotoluene
Concen: 2.920 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

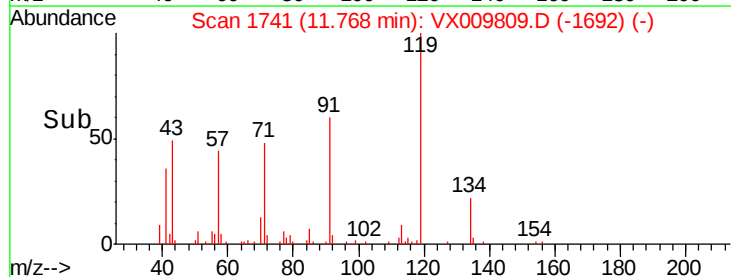
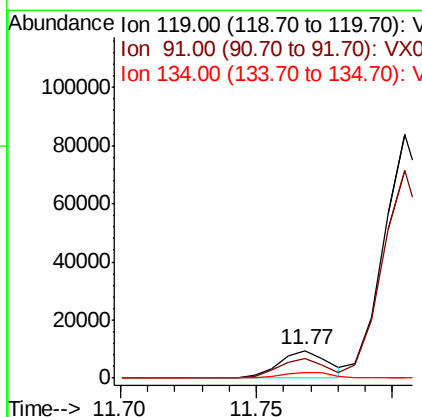
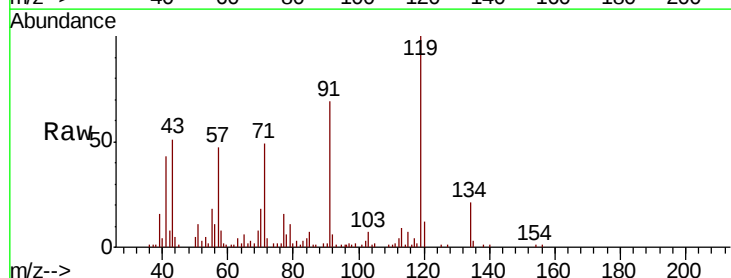
Instrument :
MSVOA_X
ClientSampled :

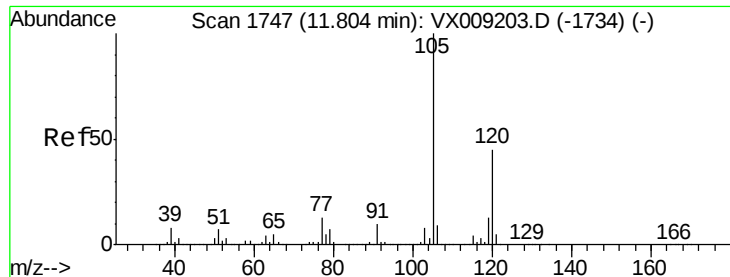
Tot Ion: 91 Resp: 17967
Ion Ratio Lower Upper
91 100
126 0.2 14.5 43.6#



#83
tert-Butylbenzene
Concen: 1.843 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 119 Resp: 11670
Ion Ratio Lower Upper
119 100
91 68.6 29.5 88.5
134 23.3 11.4 34.1

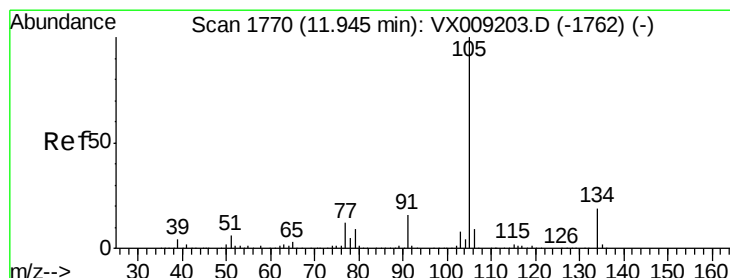
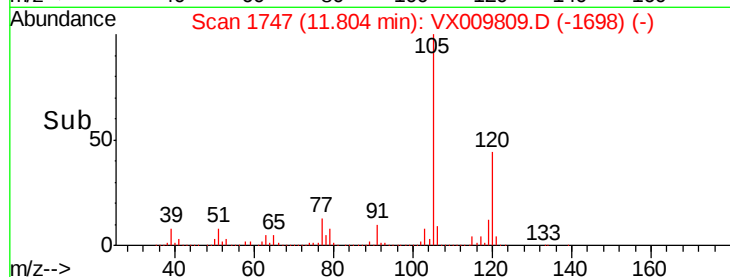
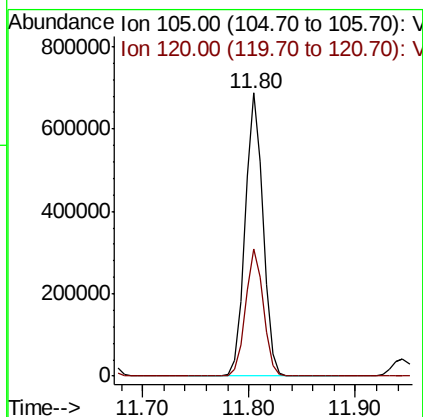
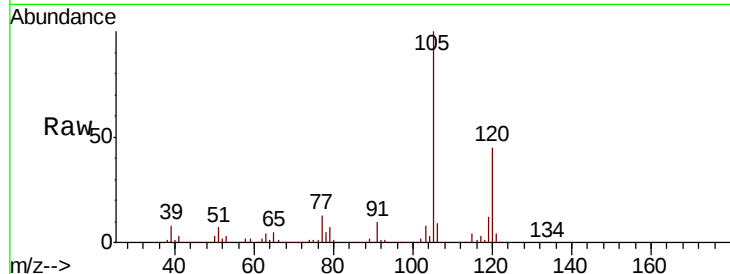




#84
 1,2,4-Trimethylbenzene
 Concen: 123.465 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

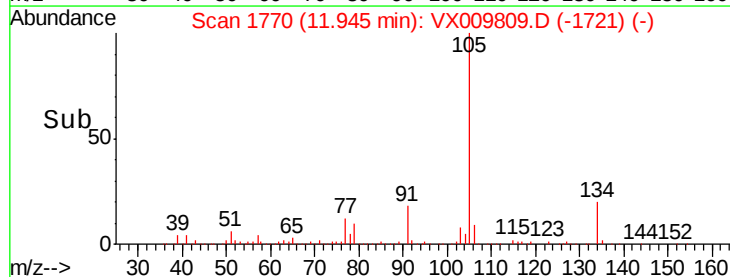
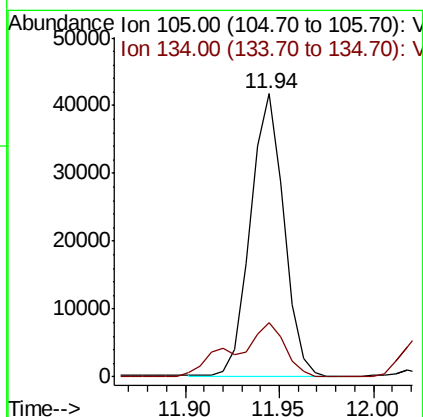
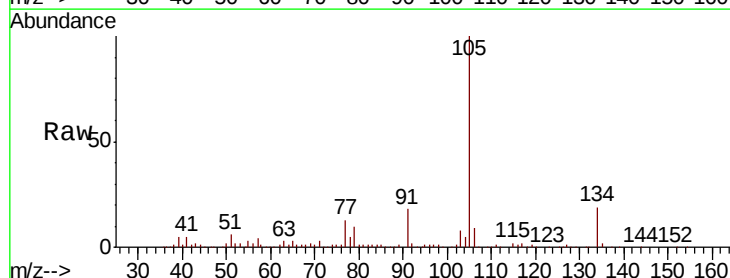
Instrument :
 MSVOA_X
 ClientSampleId :

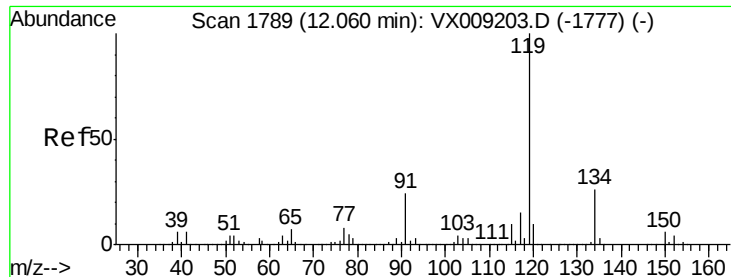
Tot Ion:105 Resp: 806696
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.0 66.0



#85
 sec-Butylbenzene
 Concen: 6.789 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009809.D
 Acq: 22 May 2019 17:07

Tgt Ion:105 Resp: 50967
 Ion Ratio Lower Upper
 105 100
 134 29.2 9.7 28.9#

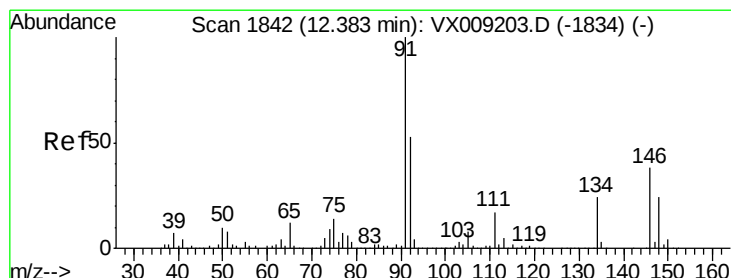
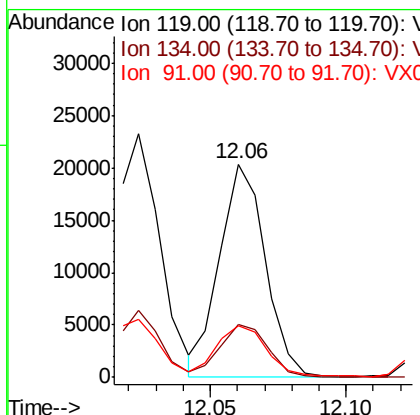
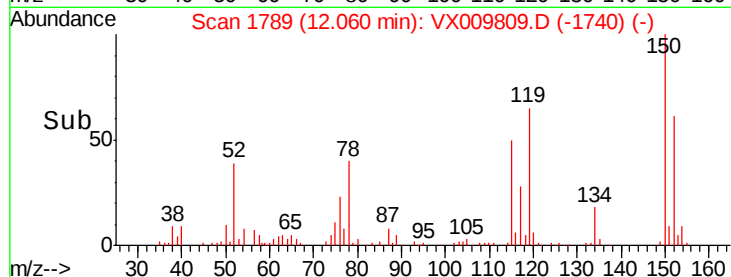
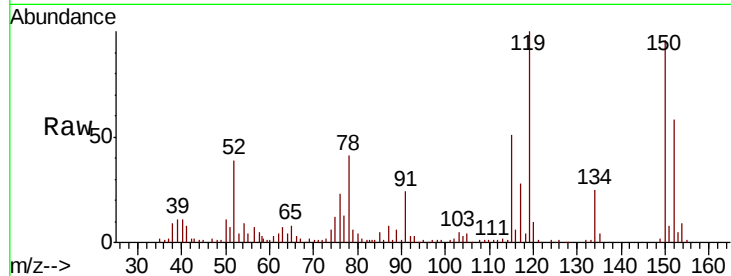




#86
p-Isopropyltoluene
Concen: 3.543 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

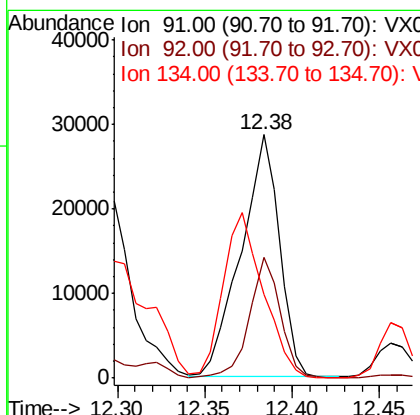
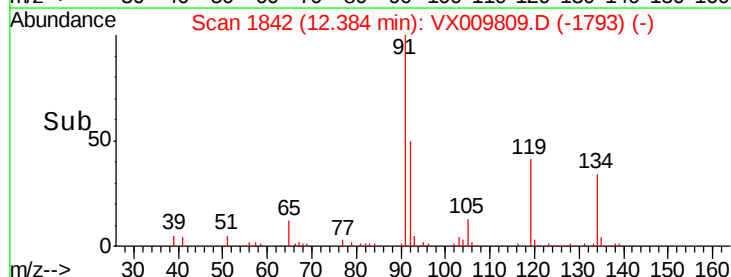
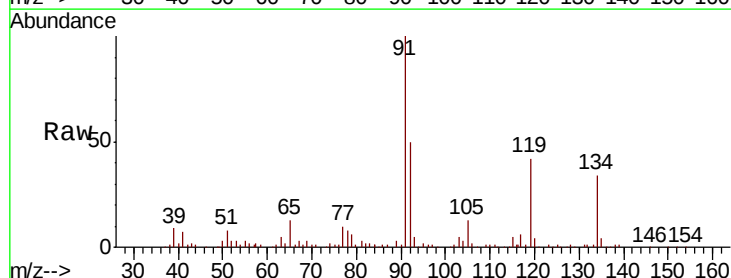
Instrument :
MSVOA_X
ClientSampled :

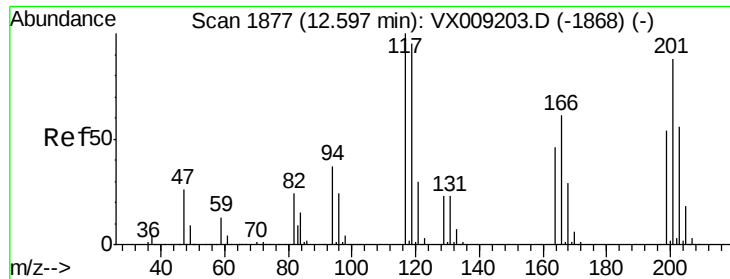
Tot Ion: 119 Resp: 23913
Ion Ratio Lower Upper
119 100
134 26.1 12.9 38.7
91 25.2 11.8 35.4



#89
n-Butylbenzene
Concen: 7.185 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Tgt Ion: 91 Resp: 43831
Ion Ratio Lower Upper
91 100
92 40.2 26.5 79.5
134 70.8 12.4 37.2#





#90

Hexachloroethane

Concen: 3.755 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

Instrument :

MSVOA_X

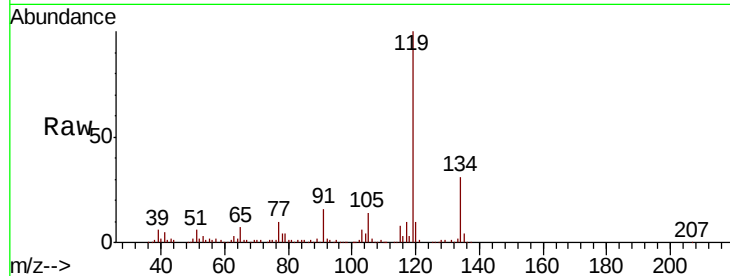
ClientSampleId :

Tot Ion:117 Resp: 4318

Ion Ratio Lower Upper

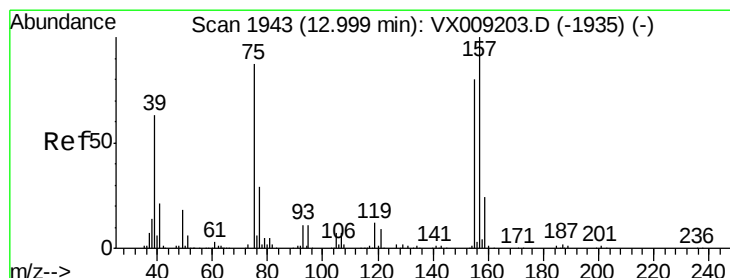
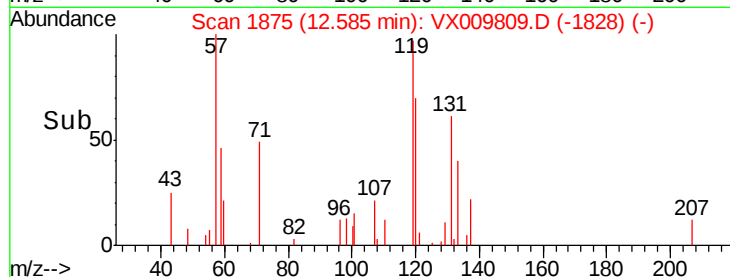
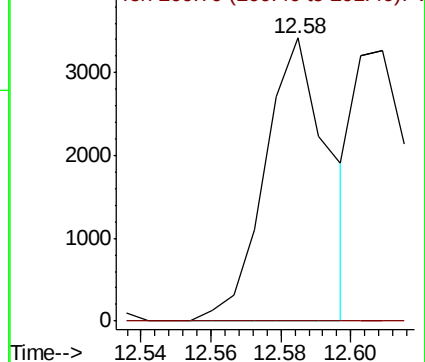
117 100

201 0.0 42.3 126.9#



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: 0.727 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX009809.D

Acq: 22 May 2019 17:07

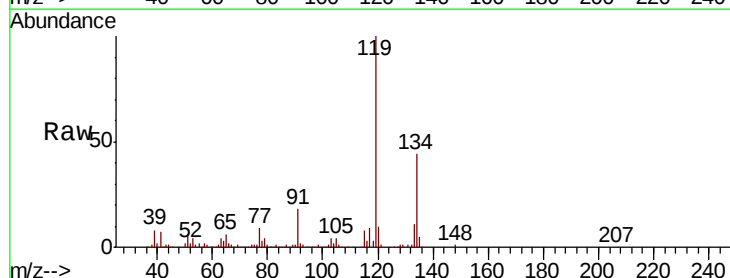
Tgt Ion: 75 Resp: 470

Ion Ratio Lower Upper

75 100

155 0.0 42.0 126.0#

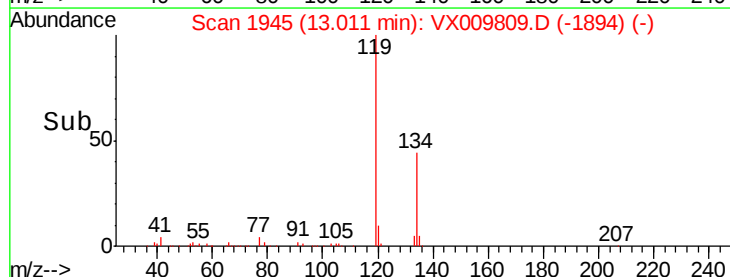
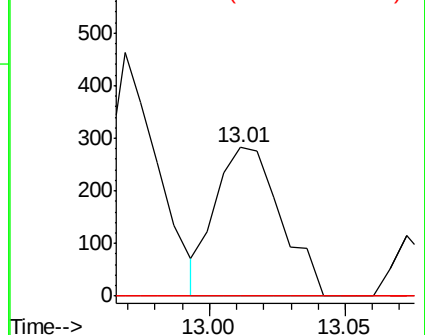
157 0.0 53.2 159.6#

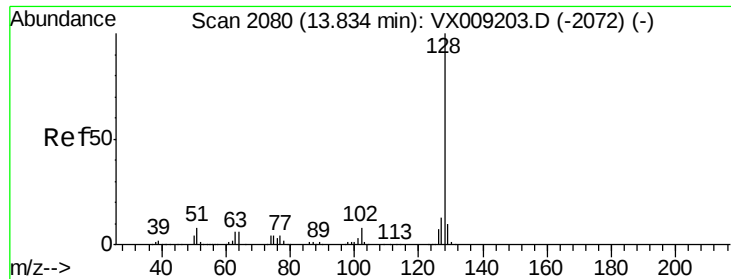


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

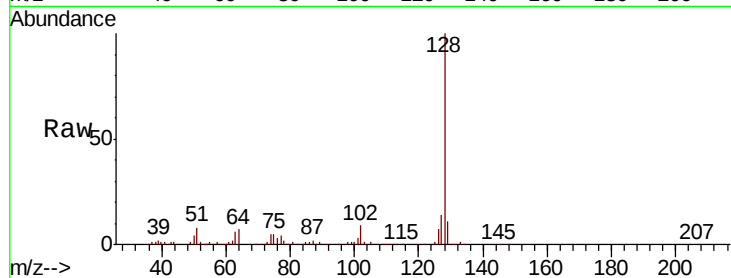




#95
Naphthalene
Concen: 5.487 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009809.D
Acq: 22 May 2019 17:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	11.7	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

