

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009808.D
 Acq On : 22 May 2019 16:44
 Operator : JC/SP
 Sample : K2977-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 07:17:25 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	5.66	168	172464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	275785	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	251057	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118791	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	118610	50.38	ug/l	0.00
Spiked Amount			Recovery	=	100.76%	
35) Dibromofluoromethane	5.50	113	85296	49.20	ug/l	0.00
Spiked Amount			Recovery	=	98.40%	
50) Toluene-d8	8.71	98	354611	50.66	ug/l	0.00
Spiked Amount			Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.13	95	126014	49.55	ug/l	0.00
Spiked Amount			Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	716	0.330	ug/l	93
6) Chloroethane	1.73	64	1858	1.368	ug/l #	64
10) Methyl Iodide	2.51	142	131	4.657	ug/l #	50
11) Tert butyl alcohol	3.04	59	2981	5.470	ug/l	95
16) Acetone	2.44	43	97169	76.863	ug/l	97
17) Carbon Disulfide	2.57	76	71787	15.801	ug/l	99
18) Methyl Acetate	2.78	43	1552	0.516	ug/l #	84
25) 2-Butanone	4.68	43	27765	14.133	ug/l	95
28) Bromochloromethane	5.01	49	42	Below Cal	#	20
29) Tetrahydrofuran	5.14	42	1559	1.233	ug/l	97
36) 1,1-Dichloropropene	5.67	75	13817	5.391	ug/l #	51
37) Ethyl Acetate	4.68	43	27765	7.775	ug/l #	70
38) Carbon Tetrachloride	5.66	117	16633	7.143	ug/l #	16
44) Trichloroethene	7.21	130	499	0.260	ug/l	97
49) 1,4-Dioxane	7.74	88	20	0.348	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1837	0.492	ug/l	91
55) 1,1,2-Trichloroethane	9.16	97	2125	1.080	ug/l #	21
59) 2-Hexanone	9.49	43	1152	0.393	ug/l	78
60) Dibromochloromethane	9.34	129	606	0.315	ug/l #	11
64) Tetrachloroethene	9.34	164	705	0.409	ug/l #	77
67) Ethyl Benzene	10.25	91	39716	4.297	ug/l	99
69) o-Xylene	10.70	106	2159	0.648	ug/l	99
73) Isopropylbenzene	11.02	105	278474	32.237	ug/l	99
74) N-ethyl acetate	10.91	43	6782	1.347	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.27	83	9621	2.988	ug/l #	41
76) 1,2,3-Trichloropropane	11.36	75	3811	1.383	ug/l #	1
78) n-propylbenzene	11.36	91	573059	58.088	ug/l	100
79) 2-Chlorotoluene	11.36	91	573059	94.153	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.51	105	321595	44.214	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.02	75	3513	3.262	ug/l #	65
82) 4-Chlorotoluene	11.51	91	33796	4.915	ug/l #	46
83) tert-Butylbenzene	11.77	119	85927	12.144	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	2774989	380.096	ug/l	98
85) sec-Butylbenzene	11.94	105	237426	28.303	ug/l	85

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Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

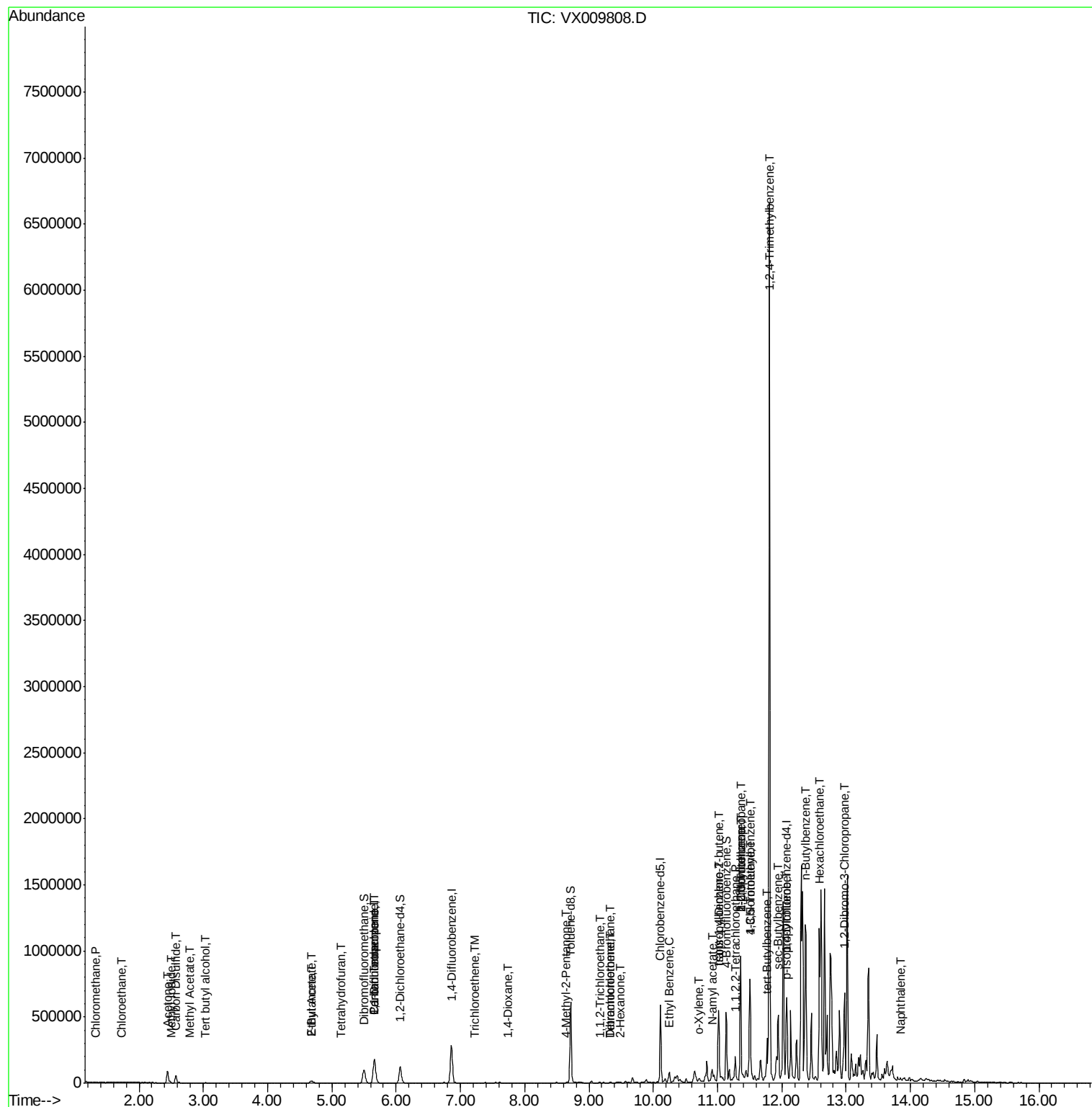
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.06	119	48345	6.411	ug/l	98
89) n-Butylbenzene	12.37	91	137307	20.144	ug/l #	20
90) Hexachloroethane	12.58	117	48904	38.063	ug/l #	7
92) 1,2-Dibromo-3-Chloropropan	12.97	75	2669	3.695	ug/l #	2
95) Naphthalene	13.83	128	5180	0.598	ug/l #	87

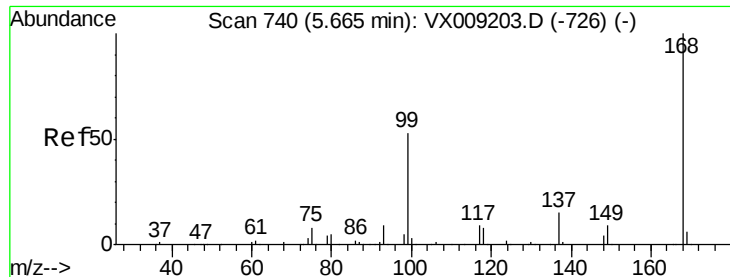
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

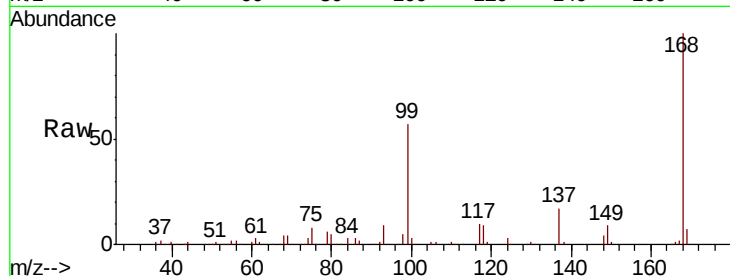
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 172464

Ion Ratio Lower Upper

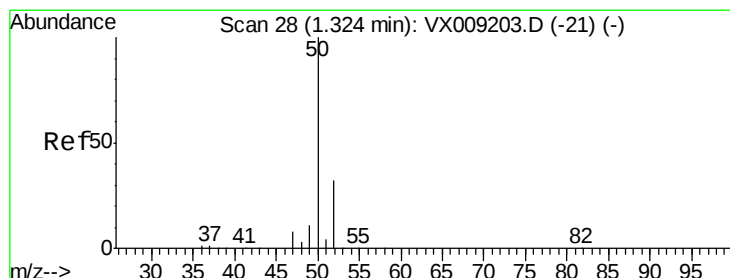
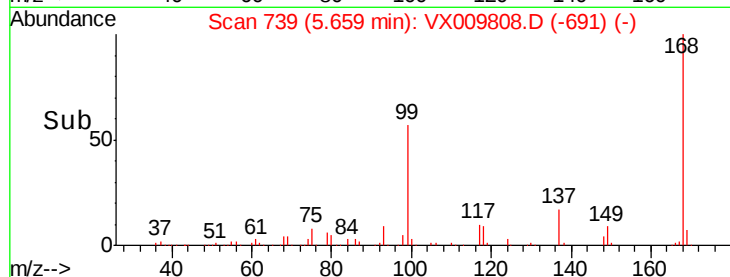
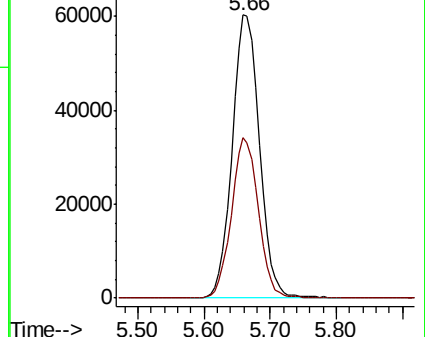
168 100

99 56.7 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.330 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009808.D

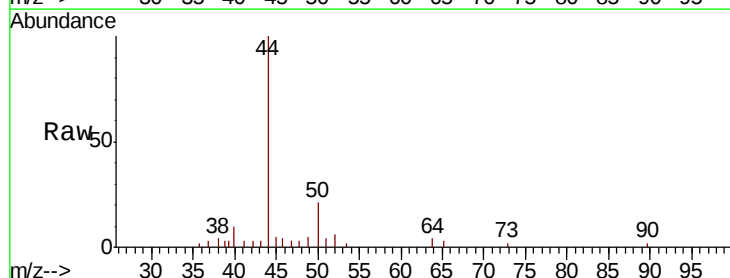
Acq: 22 May 2019 16:44

Tgt Ion: 50 Resp: 716

Ion Ratio Lower Upper

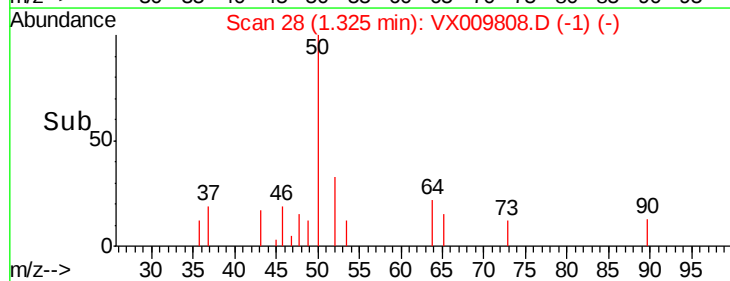
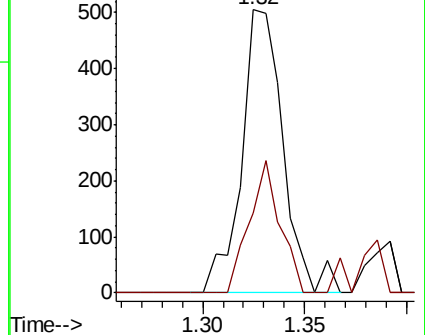
50 100

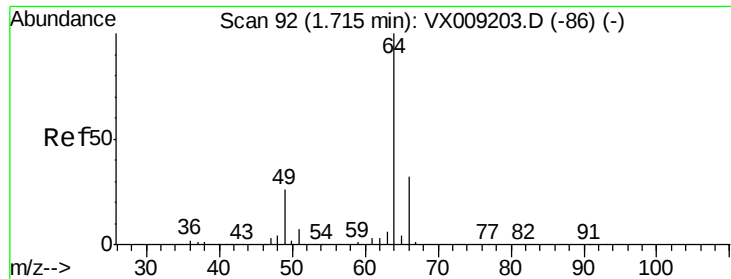
52 28.3 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#6

Chloroethane

Concen: 1.368 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

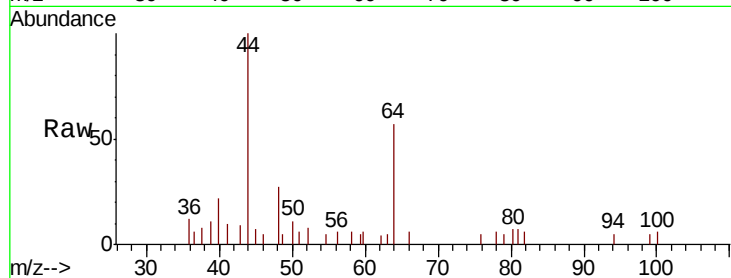
ClientSampled :

Tot Ion: 64 Resp: 1858

Ion Ratio Lower Upper

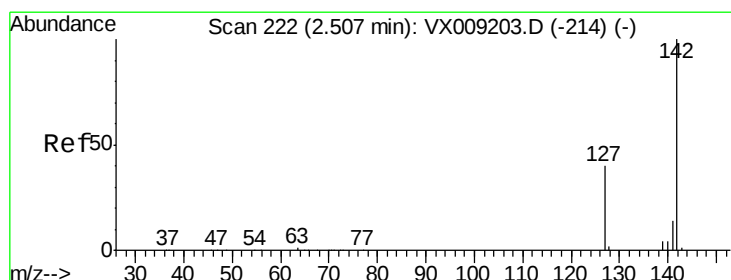
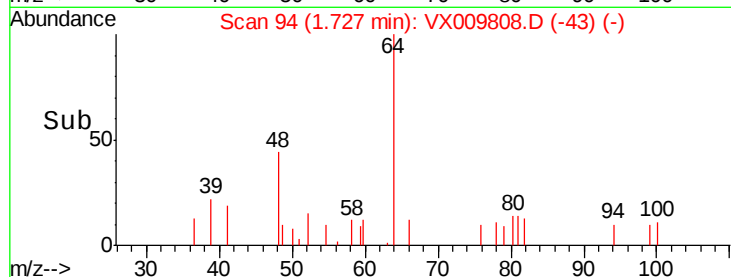
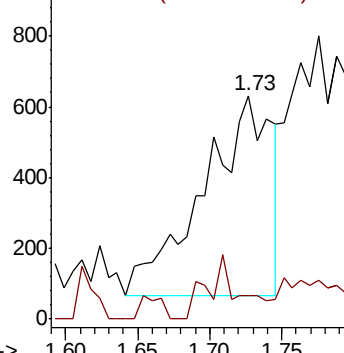
64 100

66 11.7 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.657 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

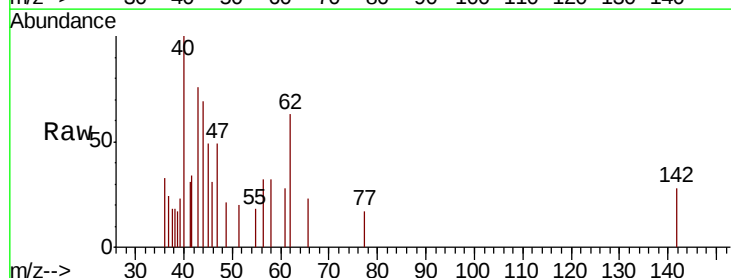
Tgt Ion: 142 Resp: 131

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

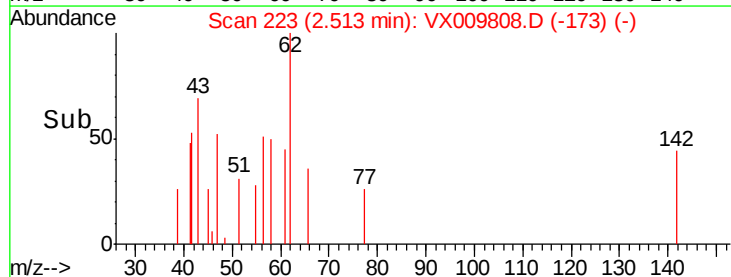
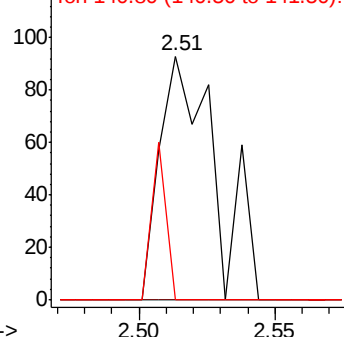
141 16.8 11.5 17.3

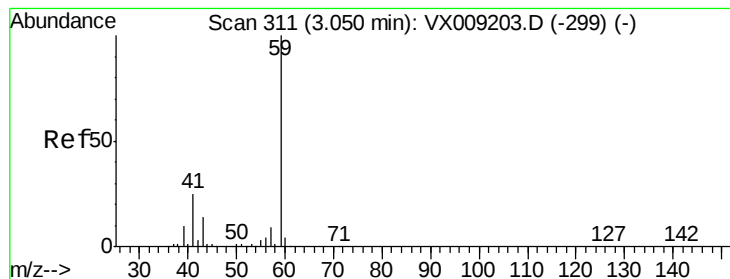


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



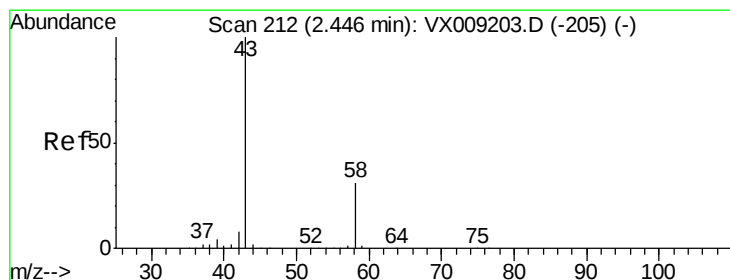
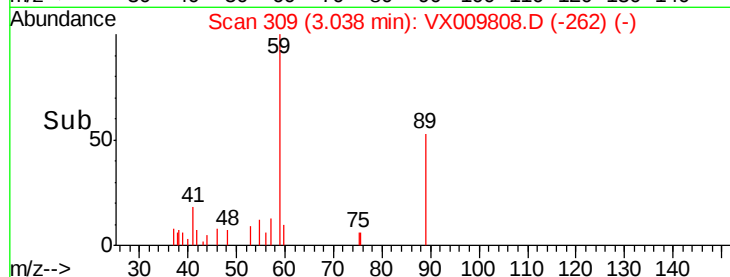
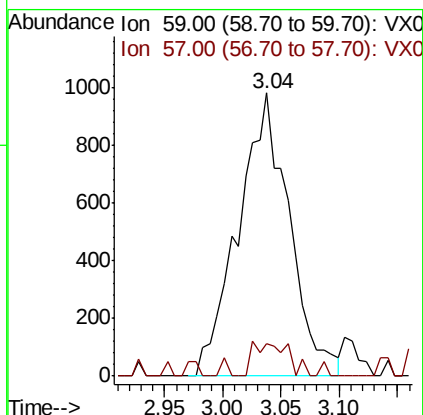
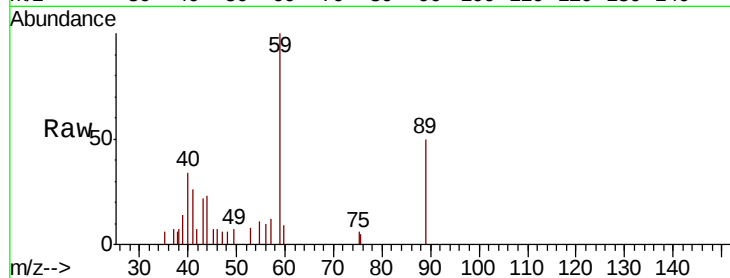


#11

Tert butyl alcohol
 Concen: 5.470 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.01 min
 Lab File: VX009808.D
 Acq: 22 May 2019 16:44

Instrument :
 MSVOA_X
 ClientSampled :

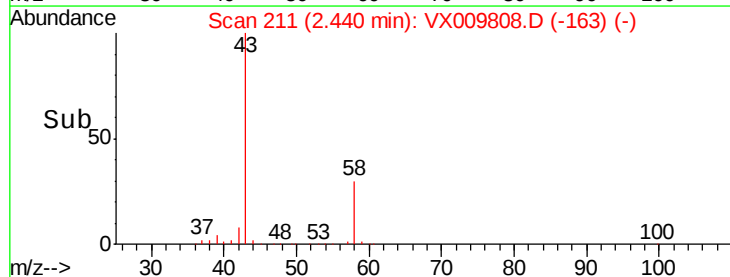
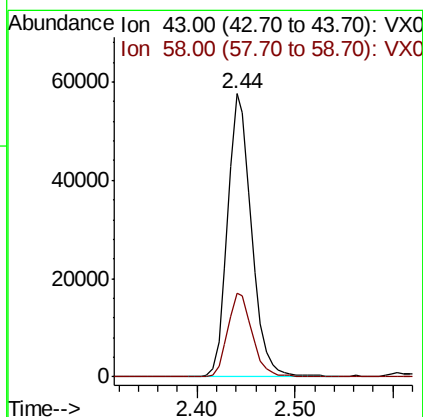
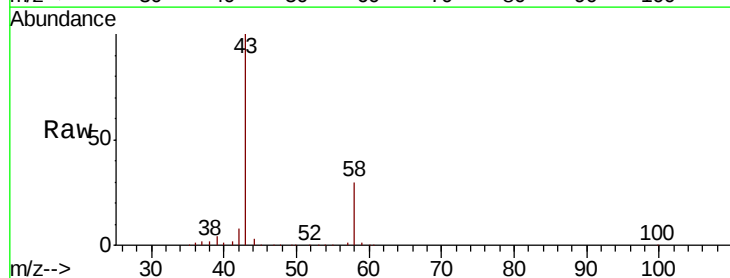
Tot Ion: 59 Resp: 2981
 Ion Ratio Lower Upper
 59 100
 57 8.4 8.2 12.2

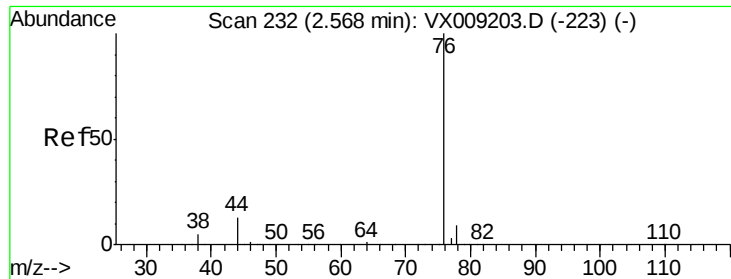


#16

Acetone
 Concen: 76.863 ug/l
 RT: 2.44 min Scan# 211
 Delta R.T. -0.01 min
 Lab File: VX009808.D
 Acq: 22 May 2019 16:44

Tgt Ion: 43 Resp: 97169
 Ion Ratio Lower Upper
 43 100
 58 29.6 24.9 37.3





#17

Carbon Disulfide

Concen: 15.801 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

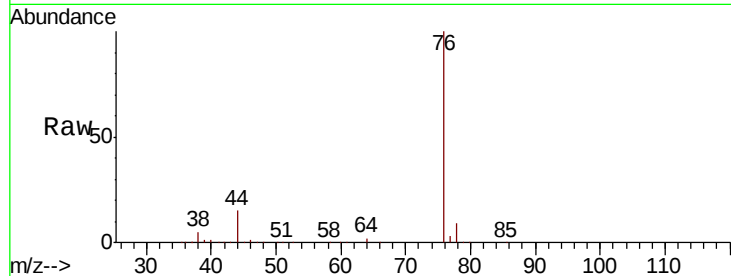
ClientSampleId :

Tot Ion: 76 Resp: 71787

Ion Ratio Lower Upper

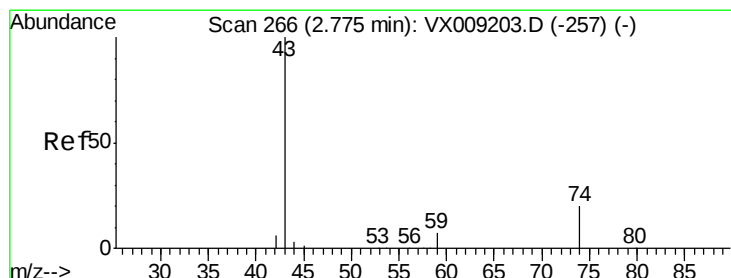
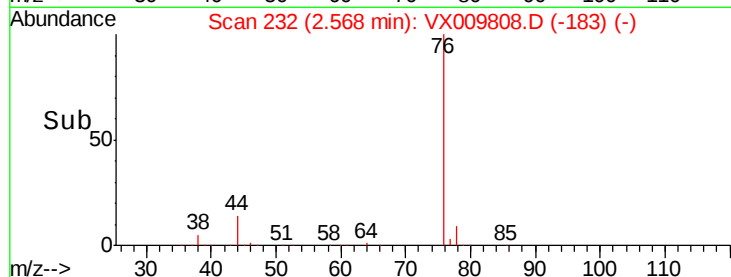
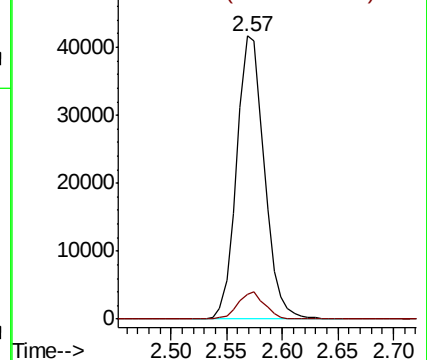
76 100

78 8.7 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.516 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009808.D

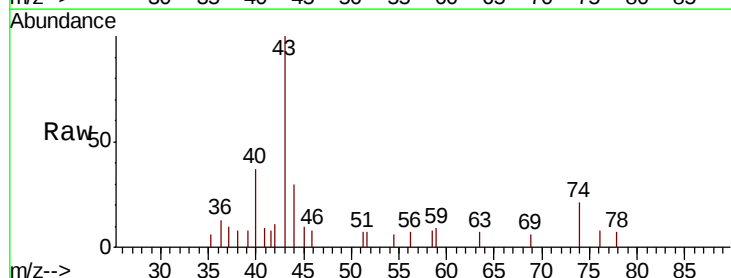
Acq: 22 May 2019 16:44

Tgt Ion: 43 Resp: 1552

Ion Ratio Lower Upper

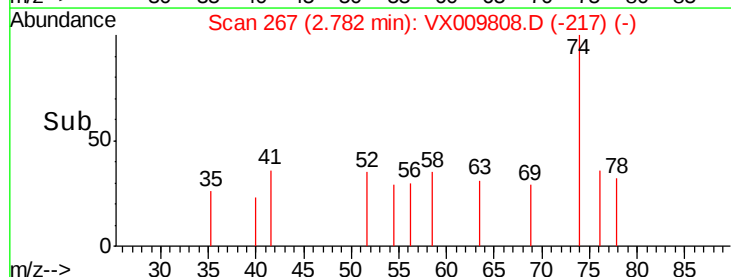
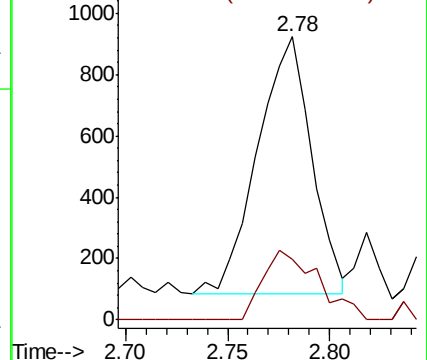
43 100

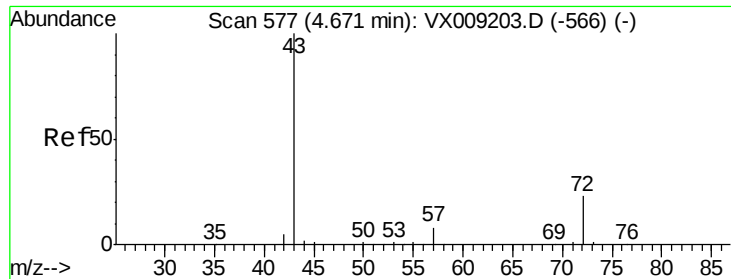
74 27.6 16.2 24.4#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#25

2-Butanone

Concen: 14.133 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

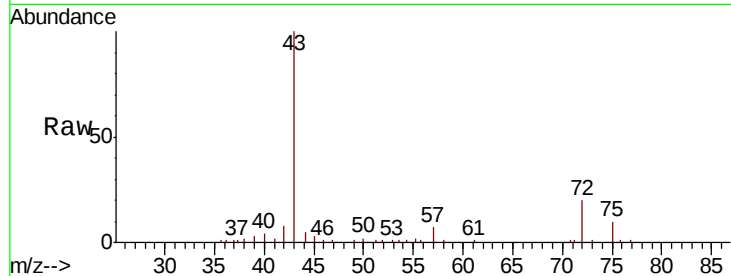
ClientSampled :

Tot Ion: 43 Resp: 27765

Ion Ratio Lower Upper

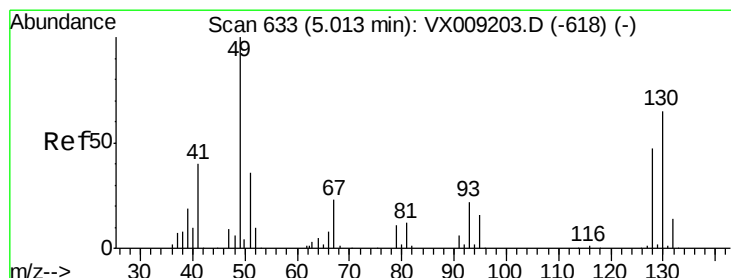
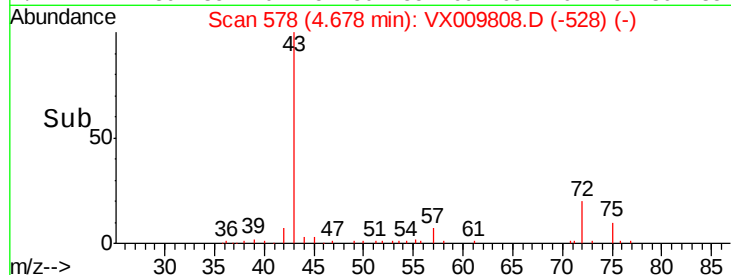
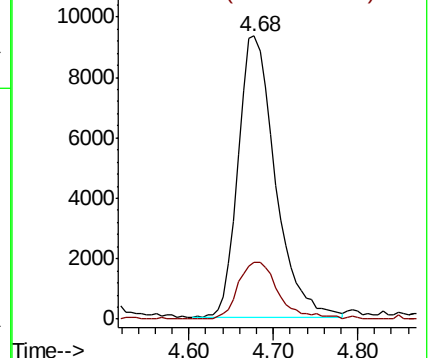
43 100

72 20.1 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

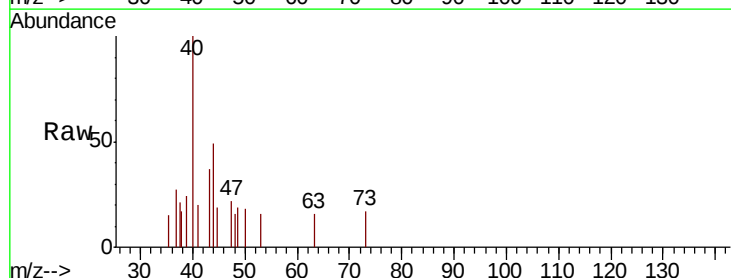
Tgt Ion: 49 Resp: 42

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

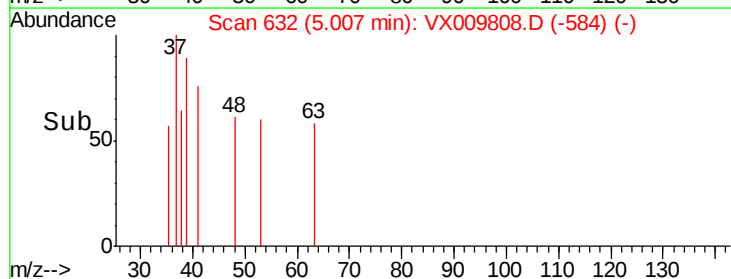
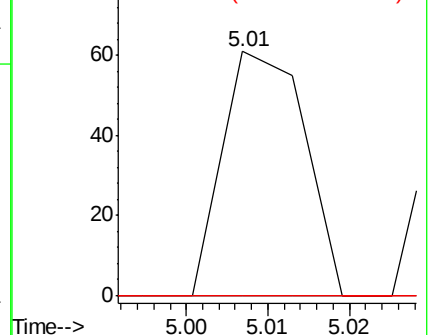
130 0.0 51.2 76.8#

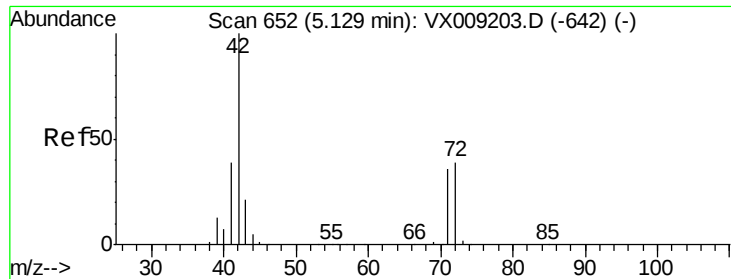


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

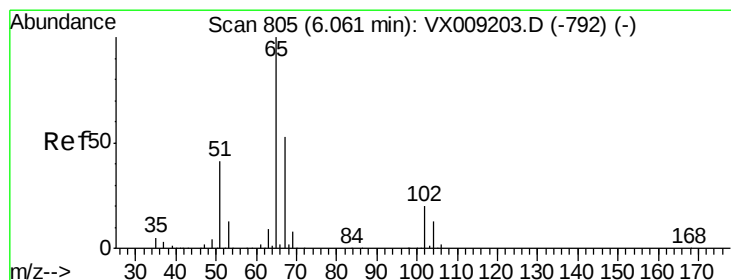
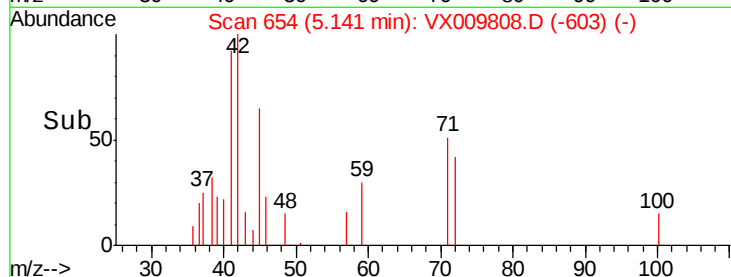
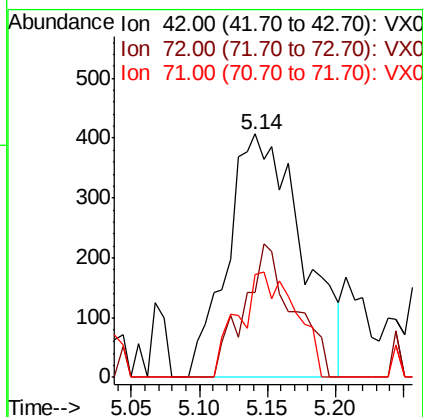
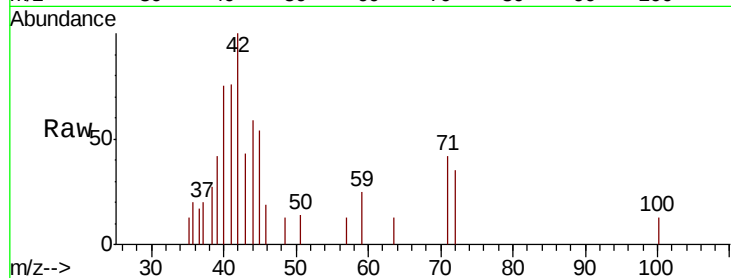




#29
Tetrahydrofuran
Concen: 1.233 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

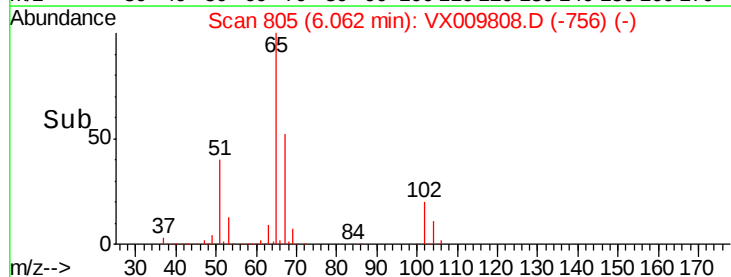
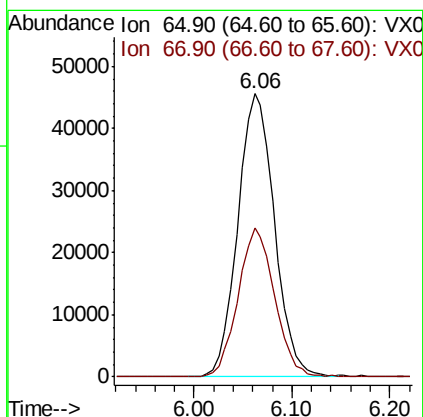
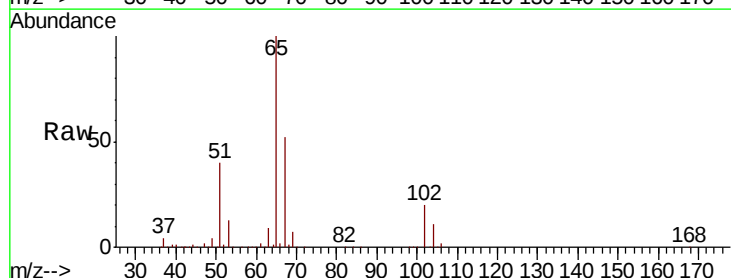
Instrument :
MSVOA_X
ClientSampled :

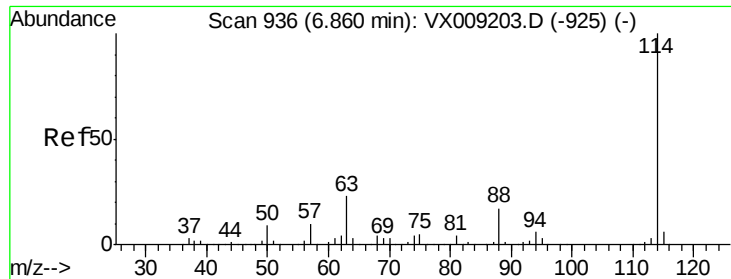
Tot Ion: 42 Resp: 1559
Ion Ratio Lower Upper
42 100
72 36.7 30.4 45.6
71 33.2 28.6 43.0



#33
1,2-Dichloroethane-d4
Concen: 50.379 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion: 65 Resp: 118610
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

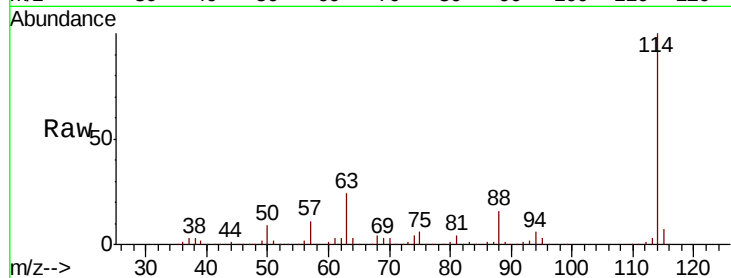




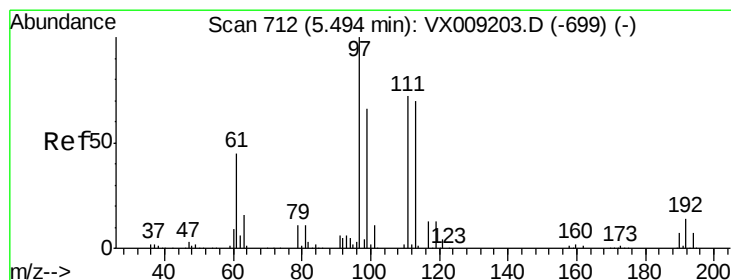
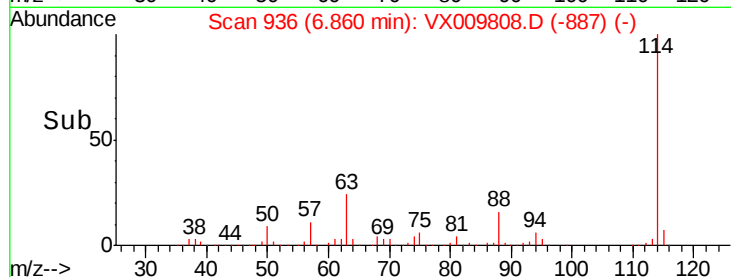
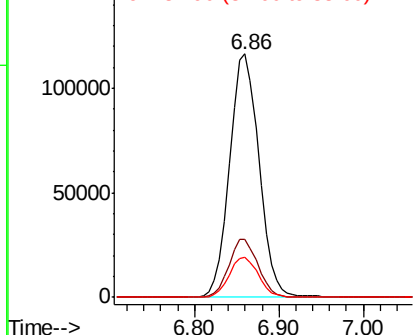
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 275785
Ion Ratio Lower Upper
114 100
63 23.9 0.0 45.6
88 16.5 0.0 33.2

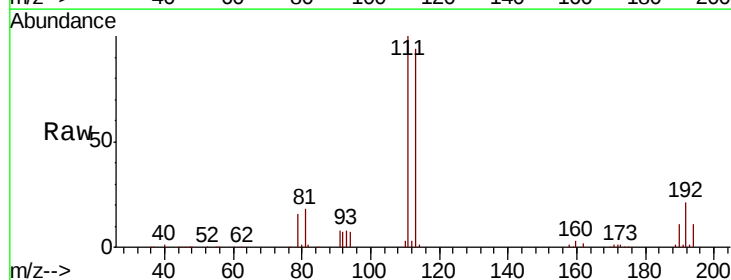


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

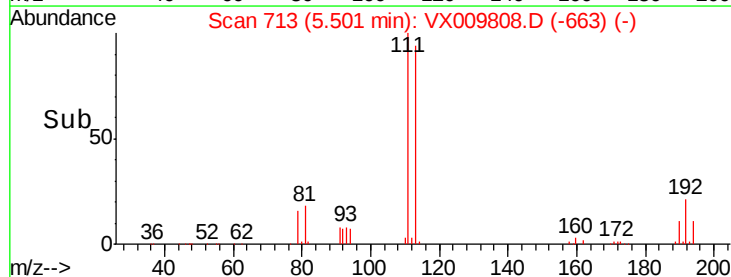
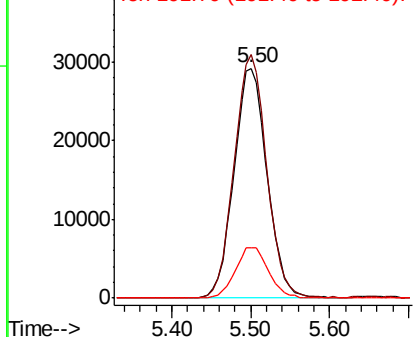


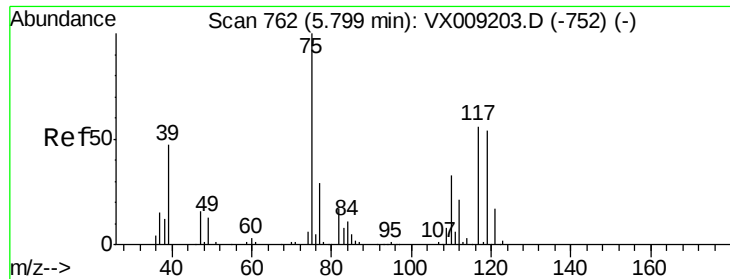
#35
Dibromofluoromethane
Concen: 49.199 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion:113 Resp: 85296
Ion Ratio Lower Upper
113 100
111 103.9 82.8 124.2
192 22.1 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: 5.391 ug/l

RT: 5.67 min Scan# 740

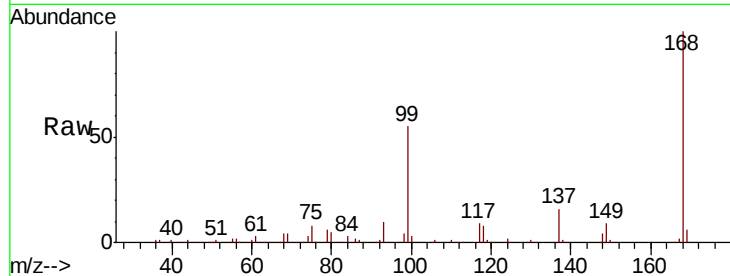
Delta R.T. -0.13 min

Lab File: VX009808.D

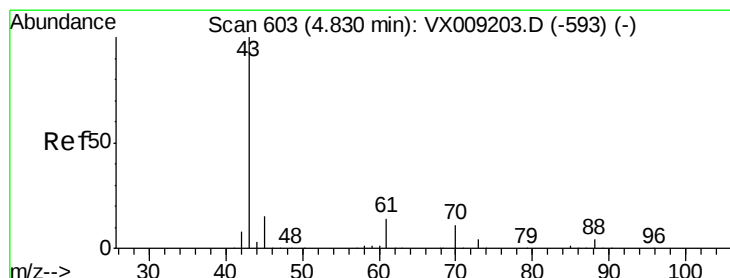
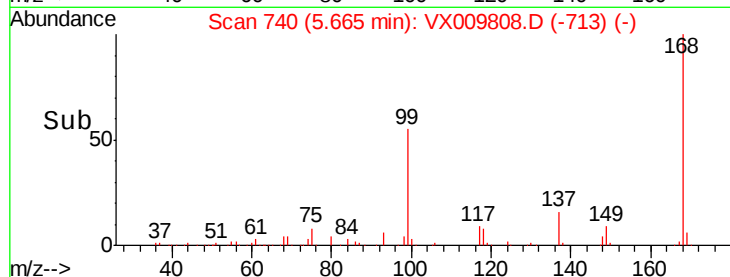
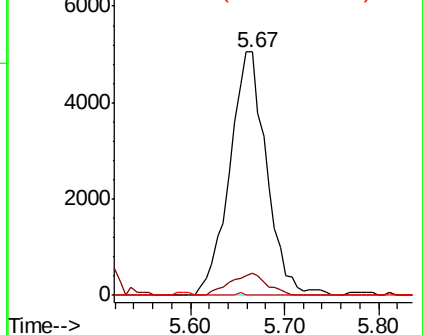
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	13817
Ion	Ratio	Lower	Upper
75	100		
110	9.1	16.9	50.6#
77	0.2	24.8	37.2#



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



#37

Ethyl Acetate

Concen: 7.775 ug/l

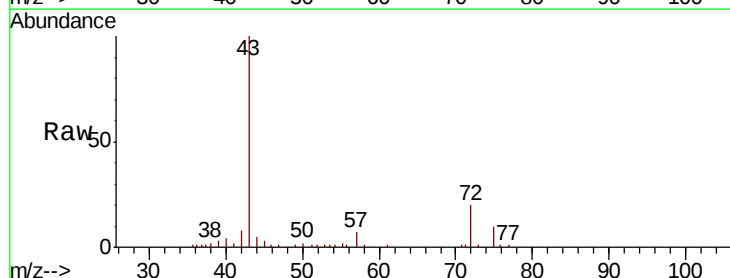
RT: 4.68 min Scan# 578

Delta R.T. -0.15 min

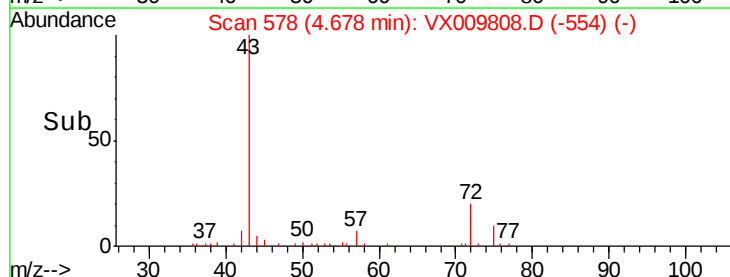
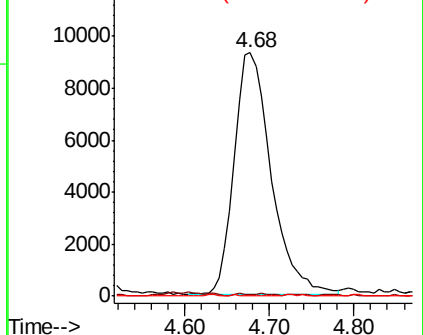
Lab File: VX009808.D

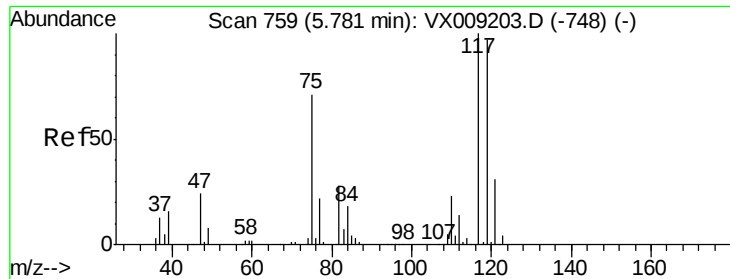
Acq: 22 May 2019 16:44

Tgt Ion:	43	Resp:	27765
Ion	Ratio	Lower	Upper
43	100		
61	0.4	10.5	15.7#
70	0.0	7.9	11.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

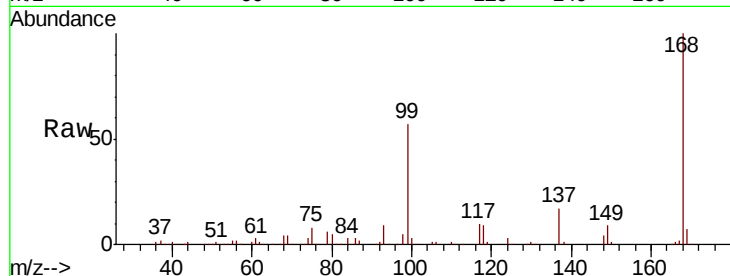




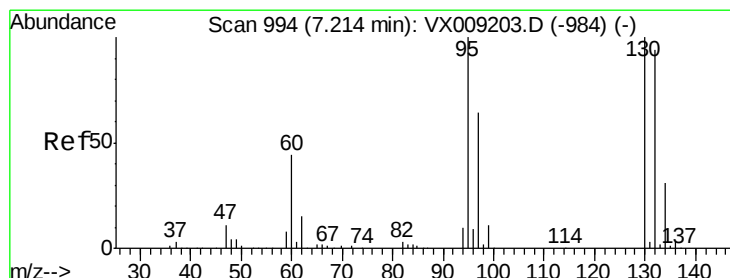
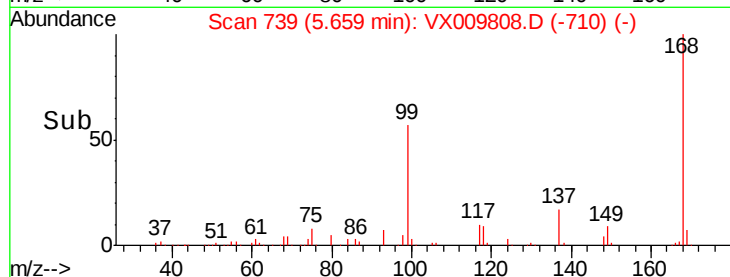
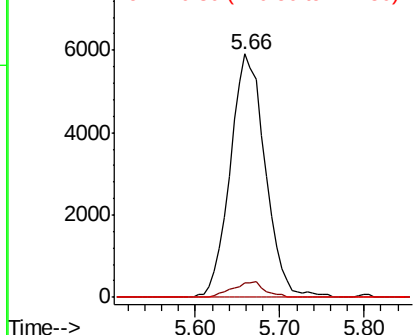
#38
Carbon Tetrachloride
Concen: 7.143 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 16633
Ion Ratio Lower Upper
117 100
119 5.7 77.5 116.3#
121 0.0 24.7 37.1#

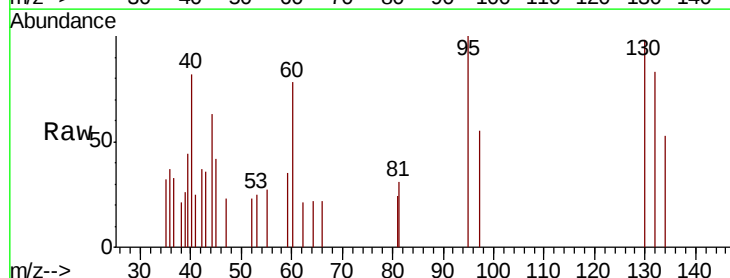


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

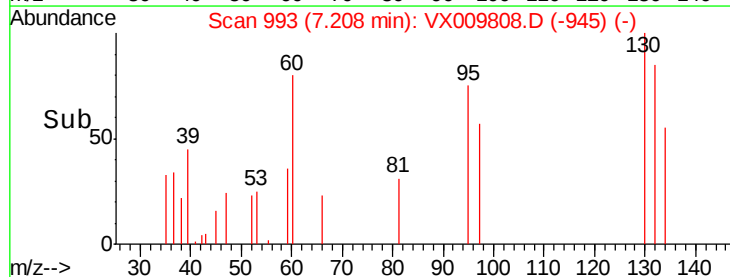
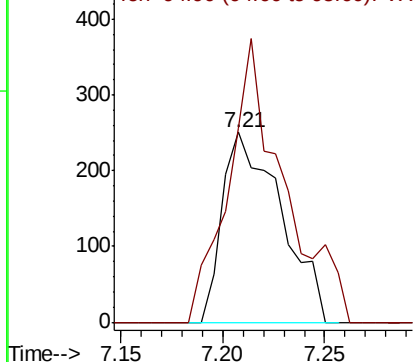


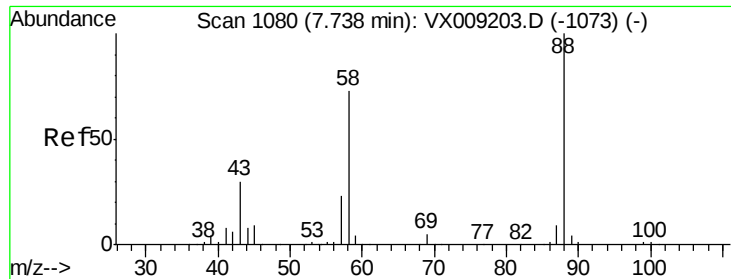
#44
Trichloroethene
Concen: 0.260 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion:130 Resp: 499
Ion Ratio Lower Upper
130 100
95 102.4 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

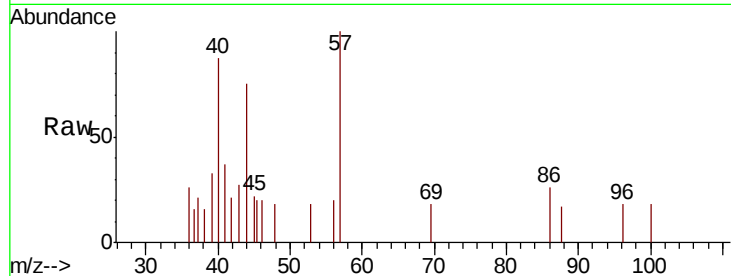




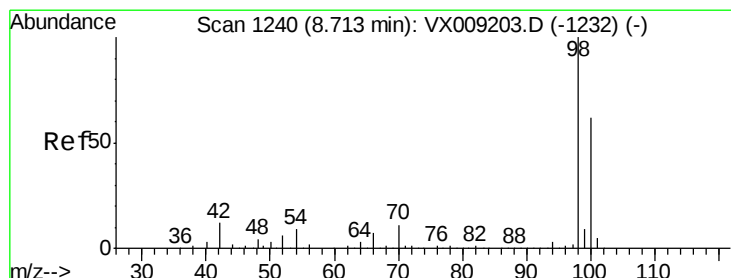
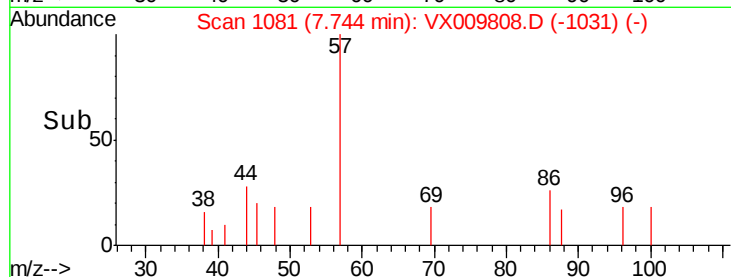
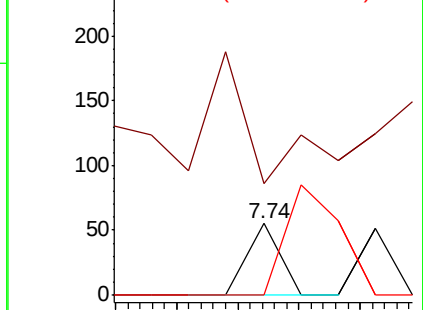
#49
 1,4-Dioxane
 Concen: 0.348 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009808.D
 Acq: 22 May 2019 16:44

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 88 Resp: 20
 Ion Ratio Lower Upper
 88 100
 43 0.0 28.6 42.8#
 58 260.0 61.7 92.5#

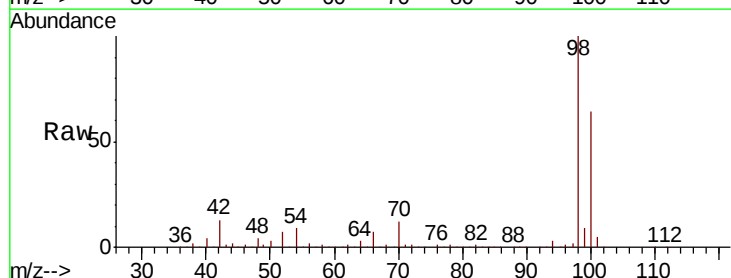


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

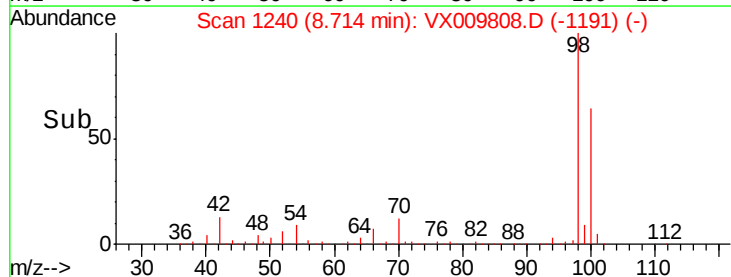
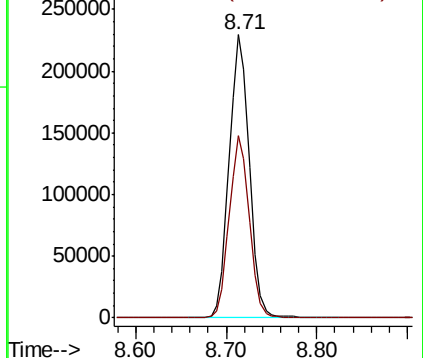


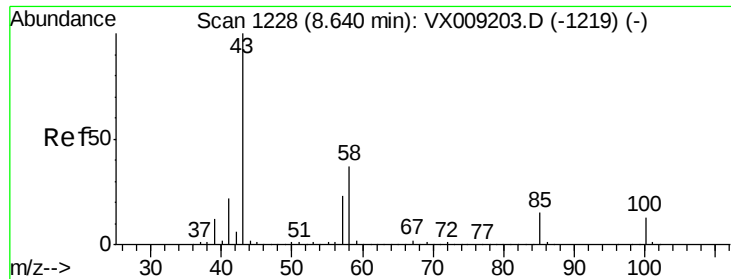
#50
 Toluene-d8
 Concen: 50.663 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009808.D
 Acq: 22 May 2019 16:44

Tgt Ion: 98 Resp: 354611
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.492 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

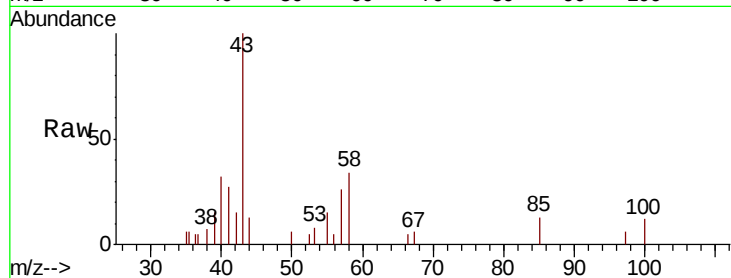
ClientSampled :

Tot Ion: 43 Resp: 1837

Ion Ratio Lower Upper

43 100

58 42.5 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2500

2000

1500

1000

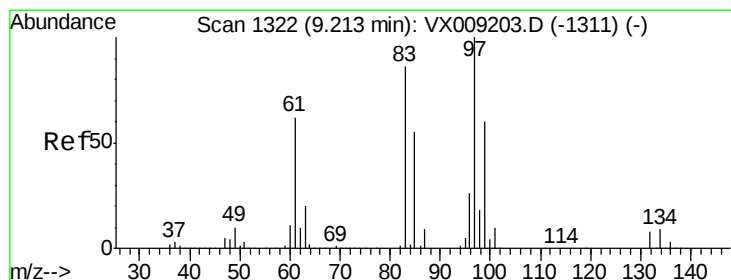
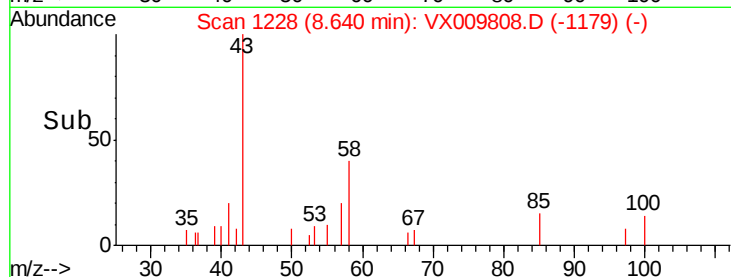
500

0

8.64

8.60 8.65 8.70

Time-->



#55

1,1,2-Trichloroethane

Concen: 1.080 ug/l

RT: 9.16 min Scan# 1313

Delta R.T. -0.05 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Tgt Ion: 97 Resp: 2125

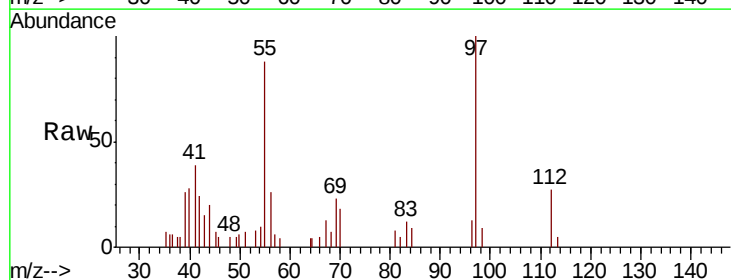
Ion Ratio Lower Upper

97 100

83 12.0 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

1500

1000

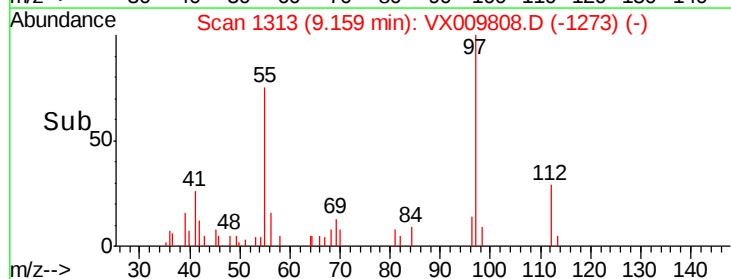
500

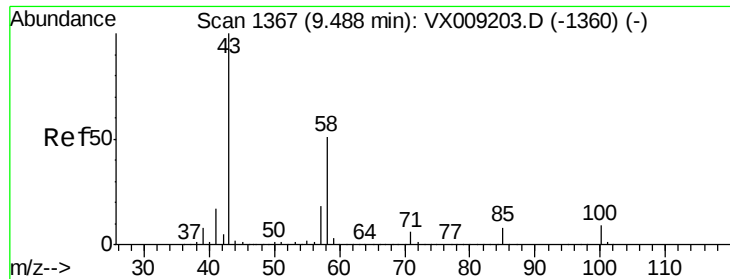
0

9.16

9.10 9.15 9.20

Time-->

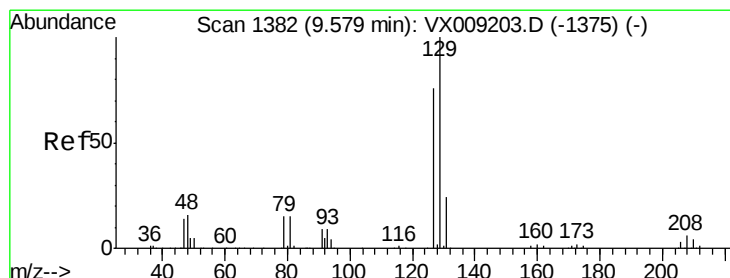
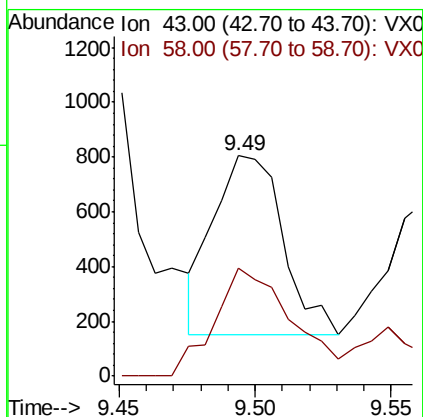
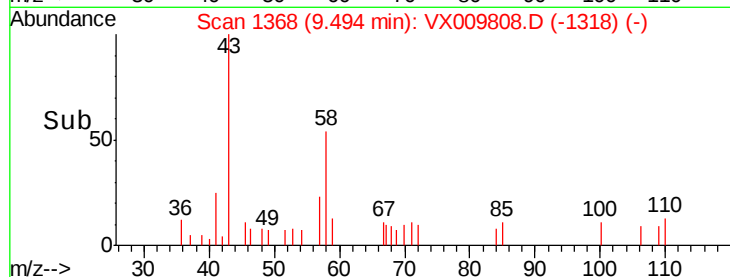
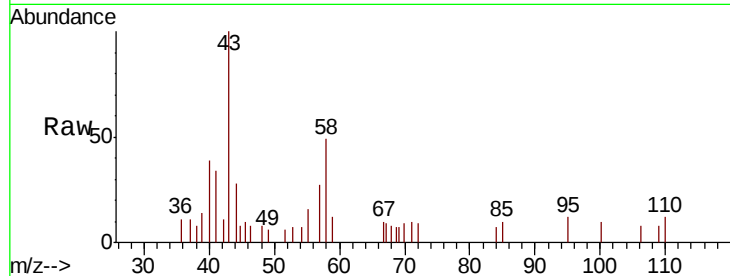




#59
2-Hexanone
Concen: 0.393 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

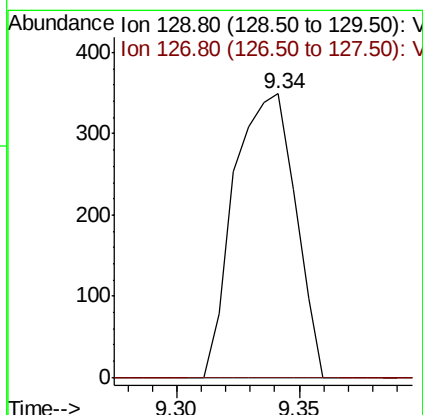
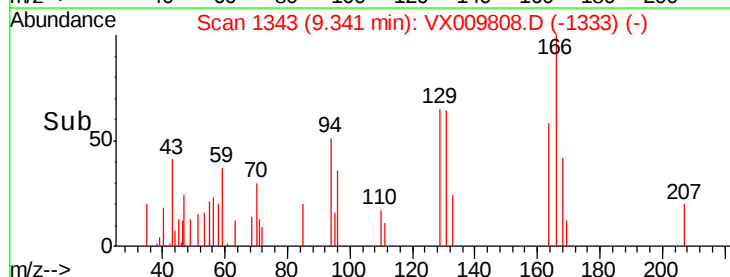
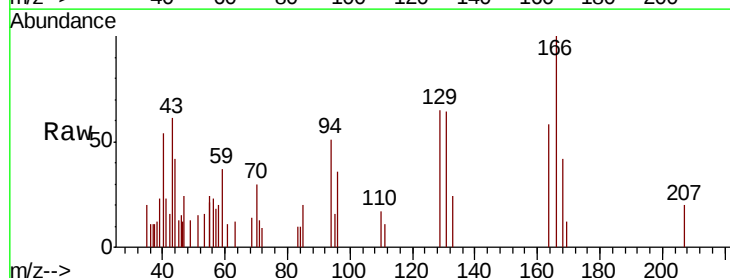
Instrument :
MSVOA_X
ClientSampled :

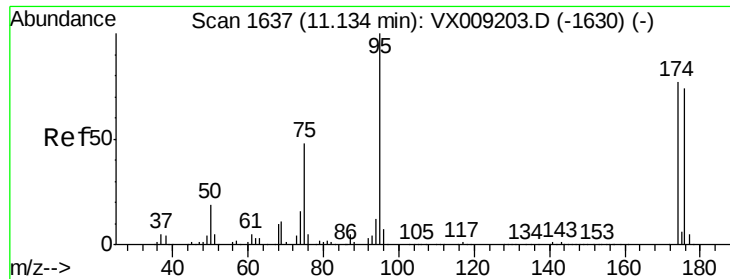
Tot Ion: 43 Resp: 1152
Ion Ratio Lower Upper
43 100
58 67.0 25.9 77.7



#60
Dibromochloromethane
Concen: 0.315 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. -0.24 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion: 129 Resp: 606
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.1#

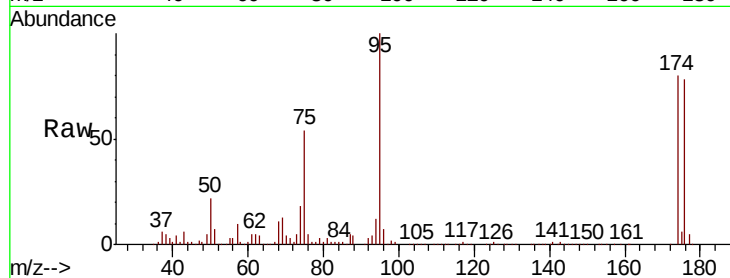




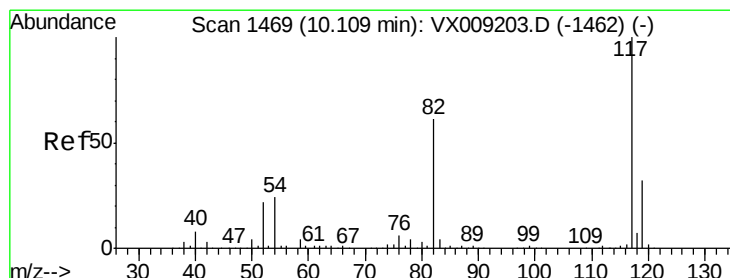
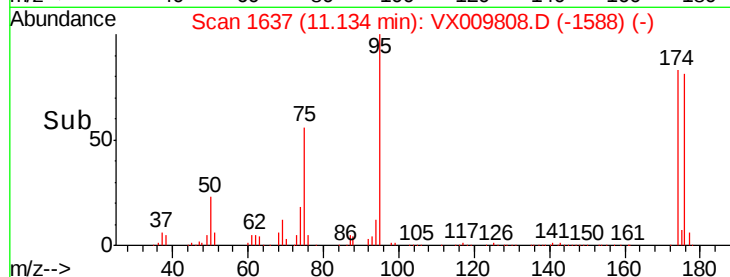
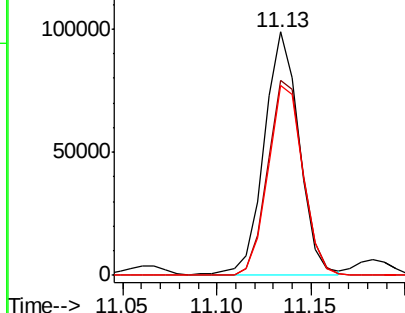
#62
4-Bromofluorobenzene
Concen: 49.547 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 95 Resp: 126014
Ion Ratio Lower Upper
95 100
174 81.3 0.0 161.6
176 79.2 0.0 159.2

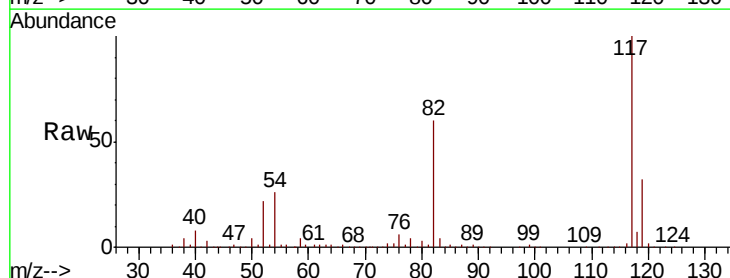


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

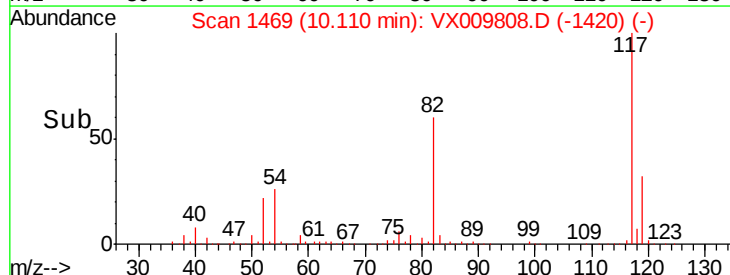
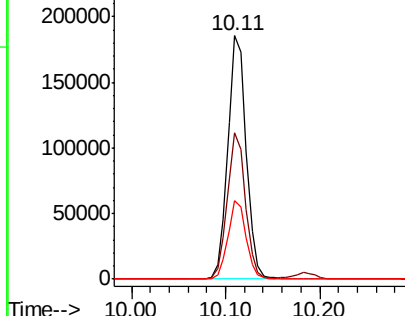


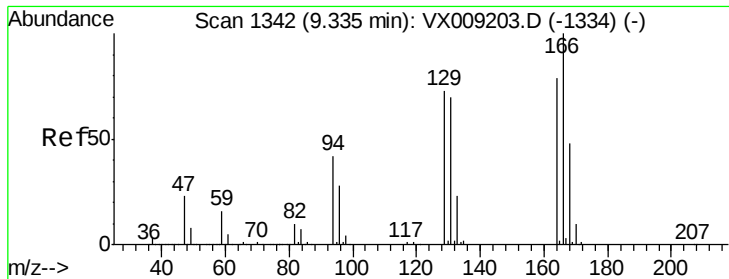
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion: 117 Resp: 251057
Ion Ratio Lower Upper
117 100
82 59.9 48.8 73.2
119 32.3 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





#64

Tetrachloroethene

Concen: 0.409 ug/l

RT: 9.34 min Scan# 1342

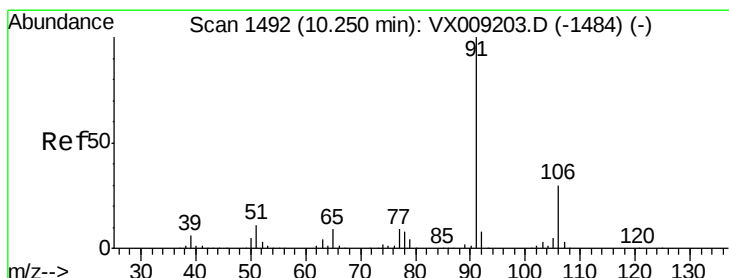
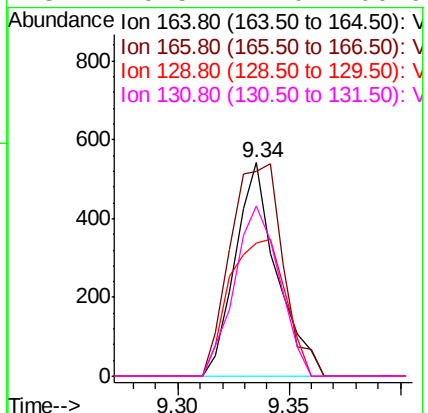
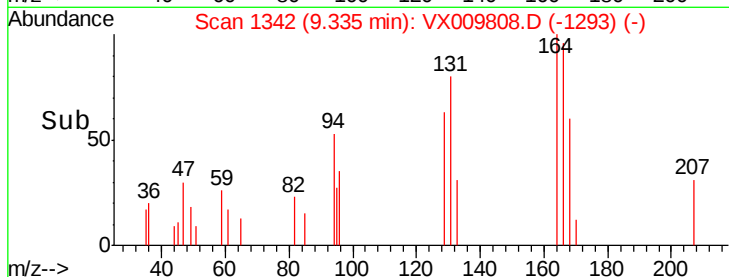
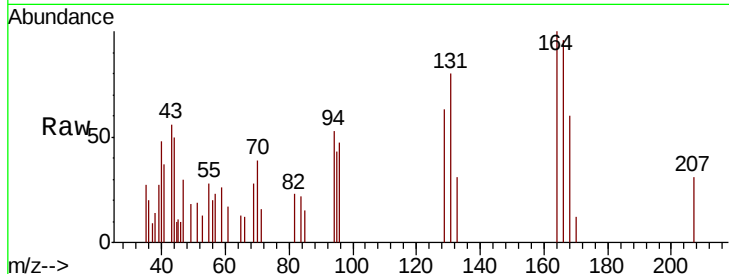
Delta R.T. 0.00 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	164	Resp:	705
Ion	Ratio	Lower	Upper
164	100		
166	95.9	101.2	151.8#
129	62.5	74.3	111.5#
131	79.5	71.0	106.6



#67

Ethyl Benzene

Concen: 4.297 ug/l

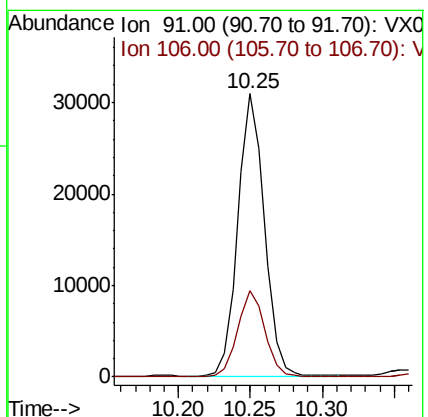
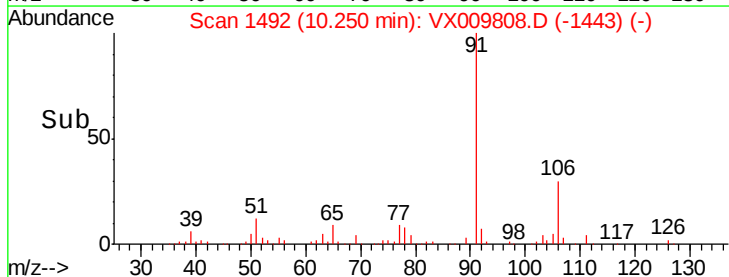
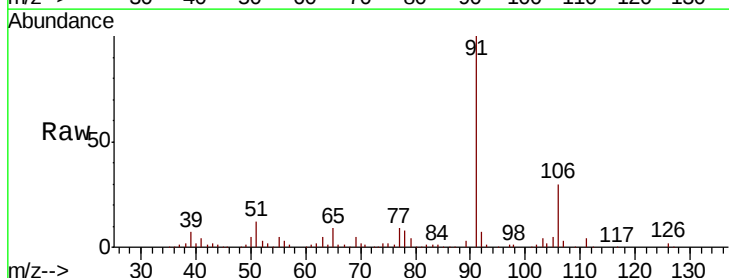
RT: 10.25 min Scan# 1492

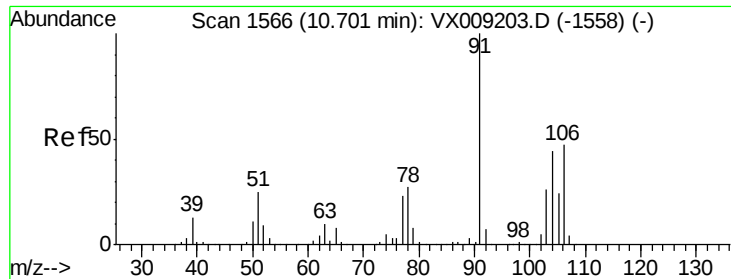
Delta R.T. 0.00 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Tgt Ion:	91	Resp:	39716
Ion	Ratio	Lower	Upper
91	100		
106	30.5	24.0	36.0

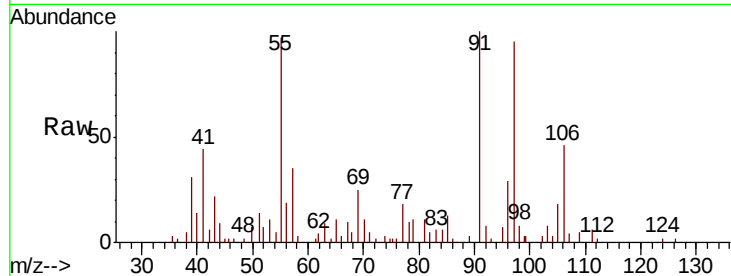




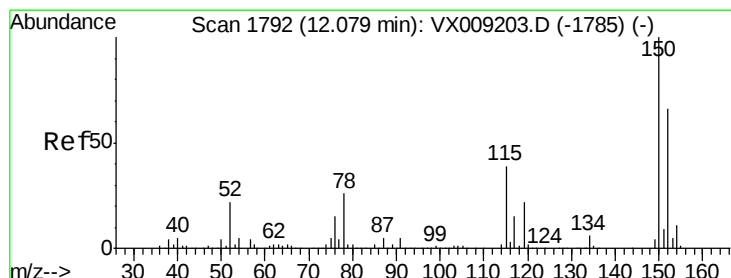
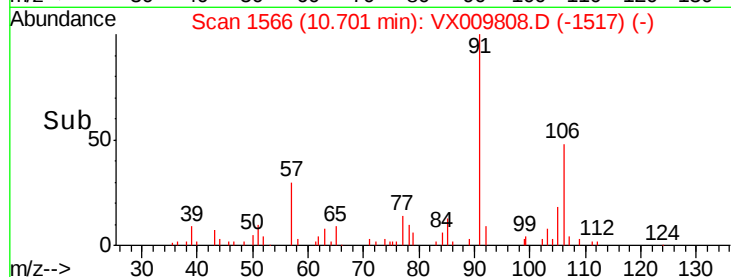
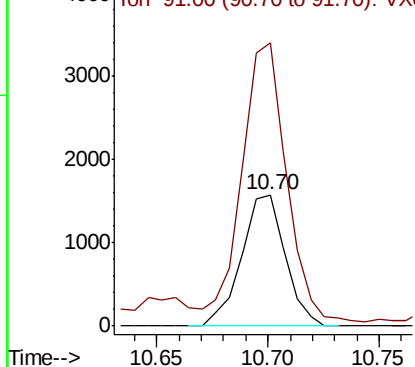
#69
o-Xylene
Concen: 0.648 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:106 Resp: 2159
Ion Ratio Lower Upper
106 100
91 216.9 109.5 328.4

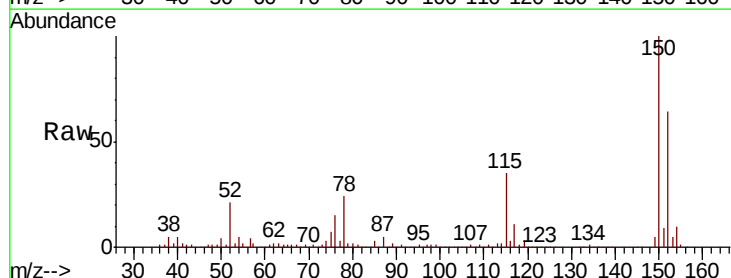


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

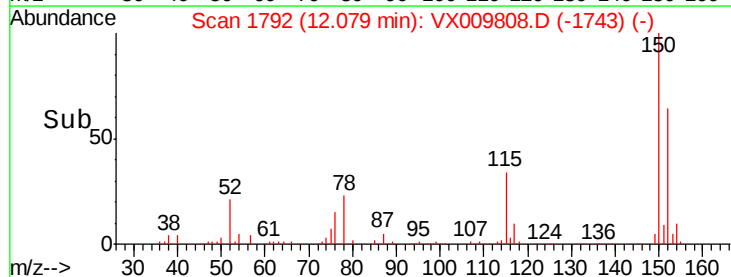
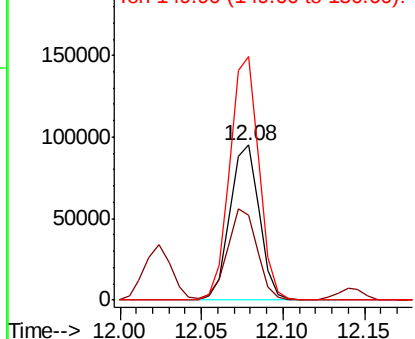


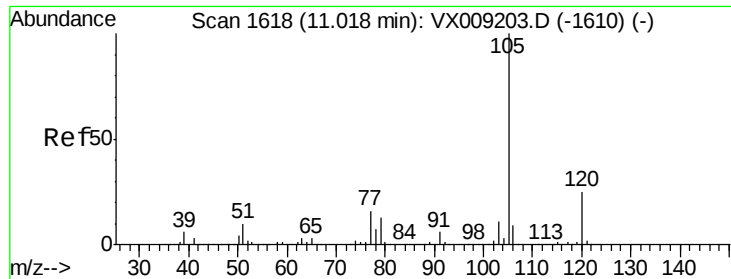
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion:152 Resp: 118791
Ion Ratio Lower Upper
152 100
115 59.6 41.2 123.6
150 156.1 0.0 346.4



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





#73

Isopropylbenzene

Concen: 32.237 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

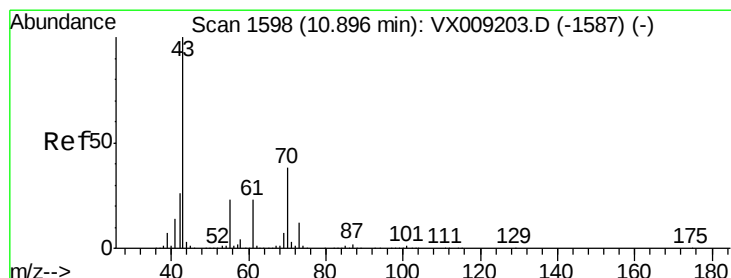
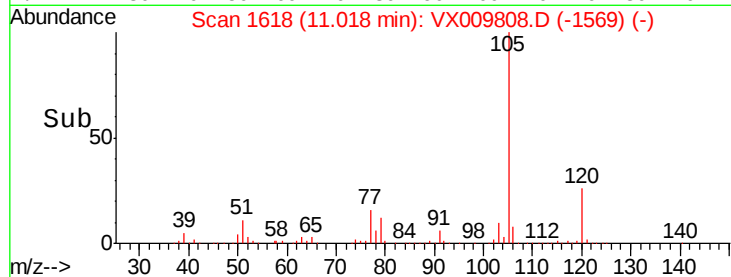
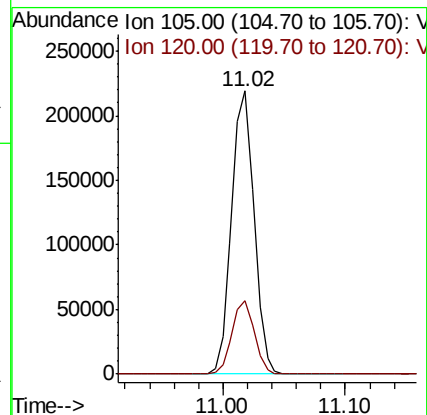
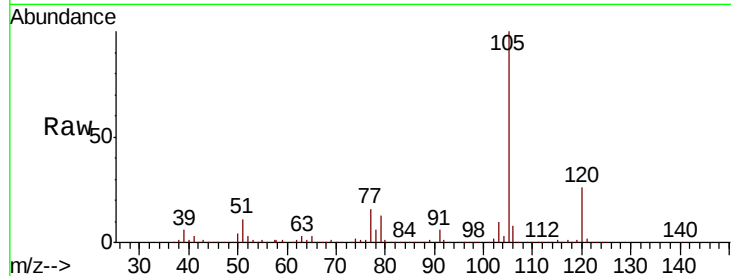
ClientSampleId :

Tot Ion:105 Resp: 278474

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3



#74

N-ethyl acetate

Concen: 1.347 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Tgt Ion: 43 Resp: 6782

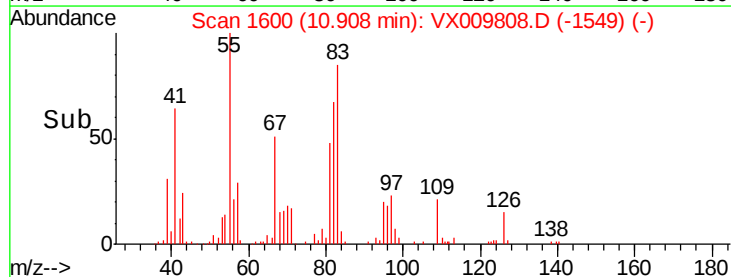
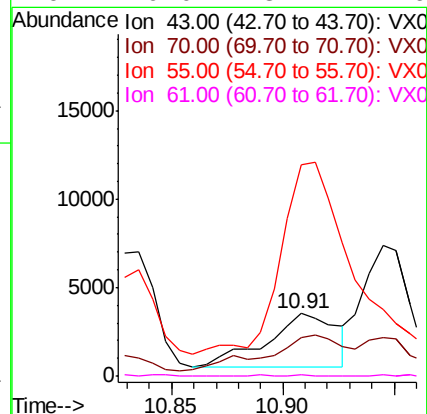
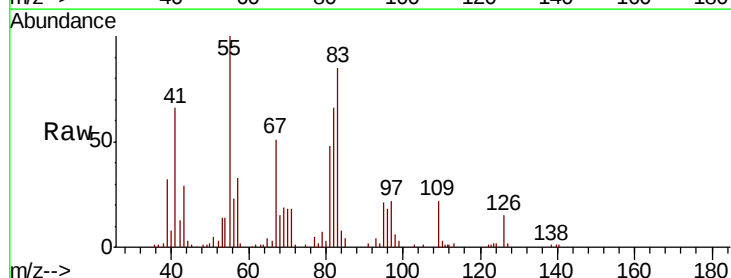
Ion Ratio Lower Upper

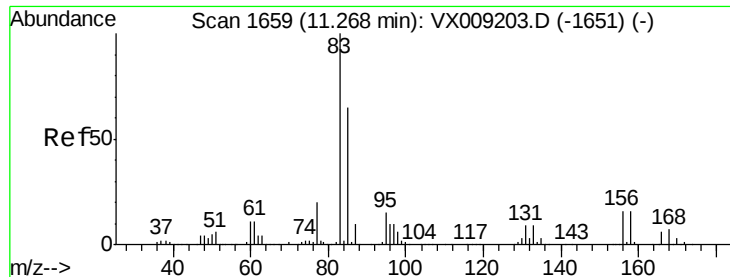
43 100

70 74.5 30.0 45.0#

55 368.0 17.9 26.9#

61 0.0 18.4 27.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.988 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

ClientSampled :

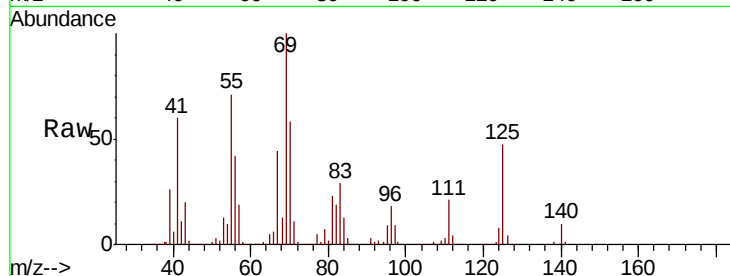
Tot Ion: 83 Resp: 9621

Ion Ratio Lower Upper

83 100

131 0.0 4.6 13.8#

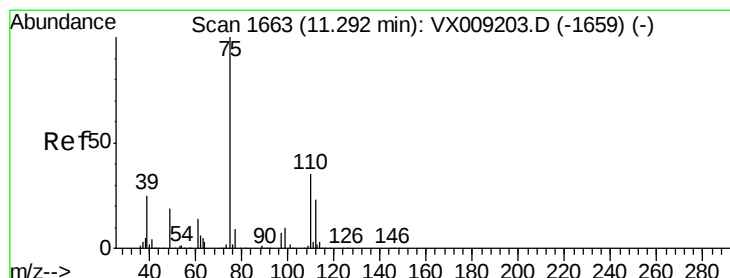
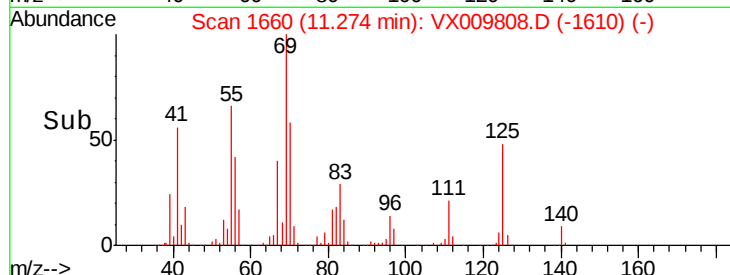
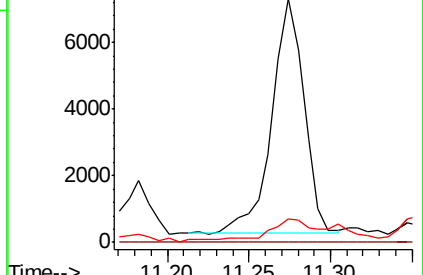
85 14.5 32.0 96.2#



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: 1.383 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.07 min

Lab File: VX009808.D

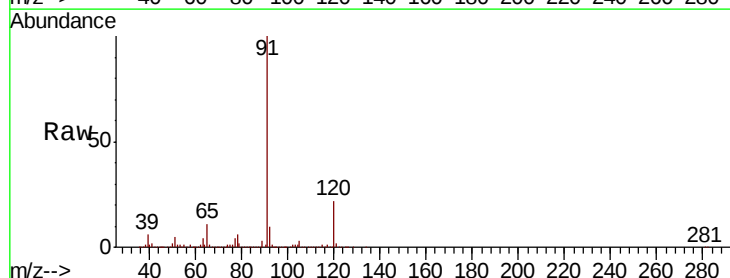
Acq: 22 May 2019 16:44

Tgt Ion: 75 Resp: 3811

Ion Ratio Lower Upper

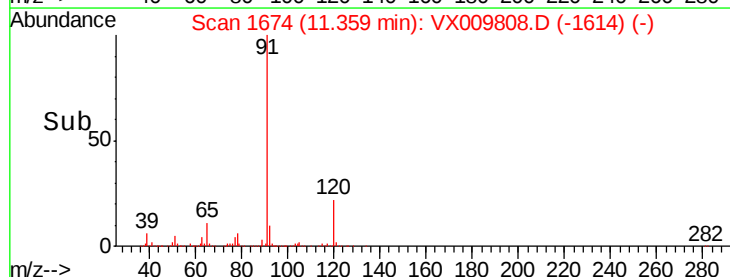
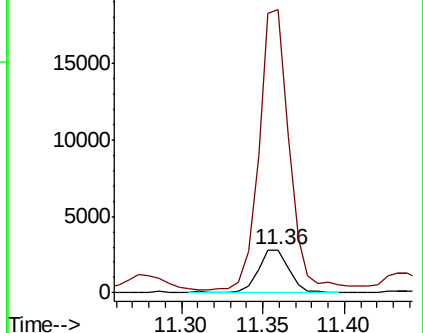
75 100

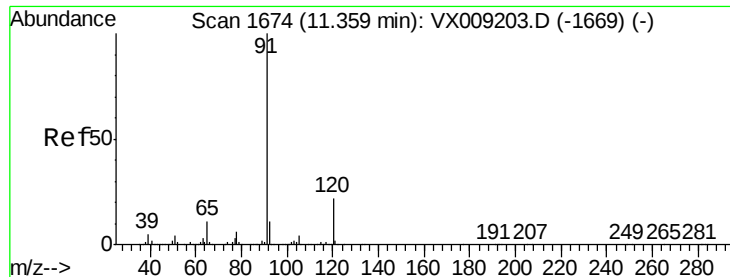
77 621.8 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 58.088 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

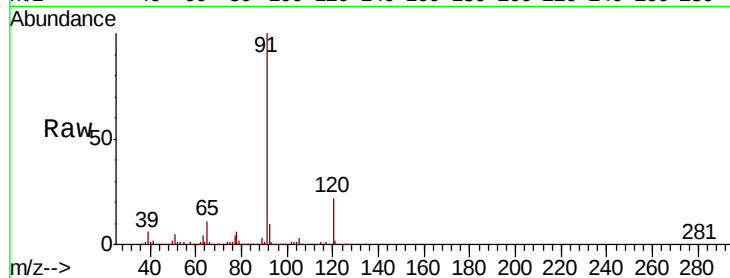
ClientSampleId :

Tot Ion: 91 Resp: 573059

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

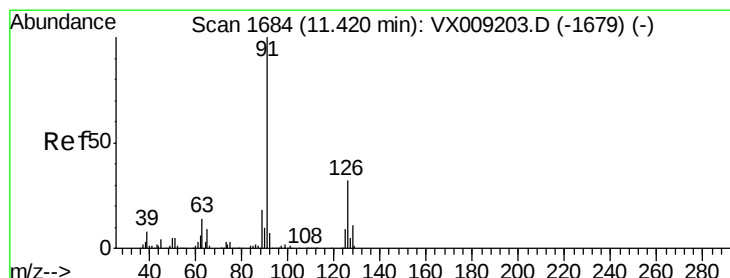
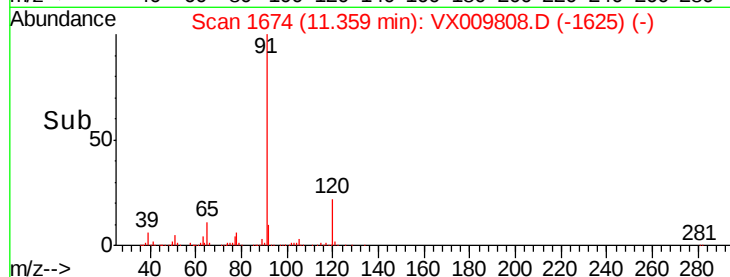
200000

100000

0

11.30 11.35 11.40

Time-->



#79

2-Chlorotoluene

Concen: 94.153 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX009808.D

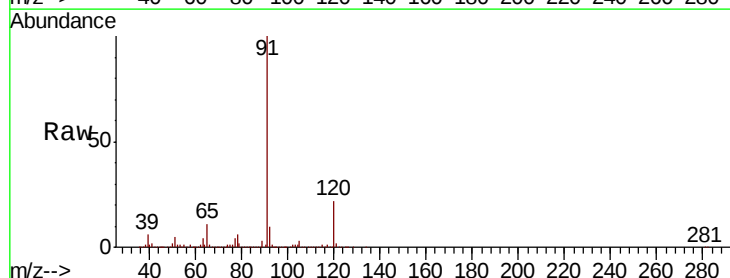
Acq: 22 May 2019 16:44

Tgt Ion: 91 Resp: 573059

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

500000

400000

300000

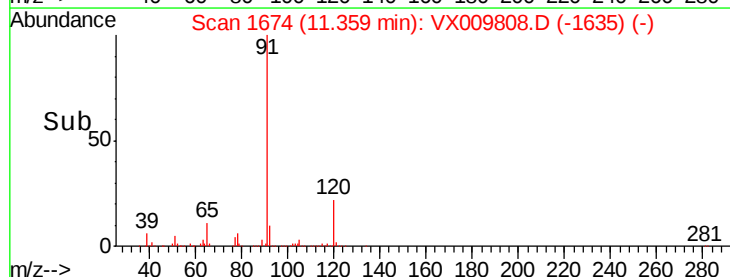
200000

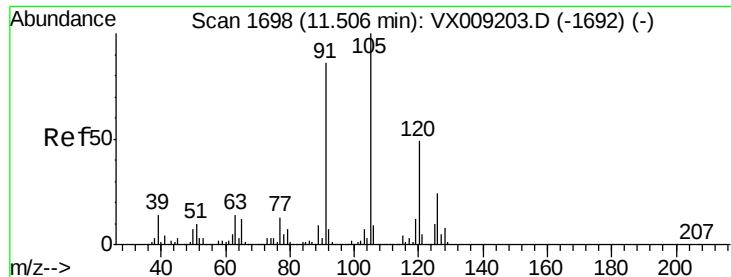
100000

0

11.30 11.35 11.40

Time-->

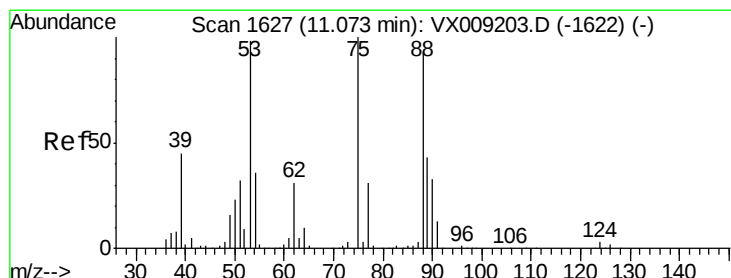
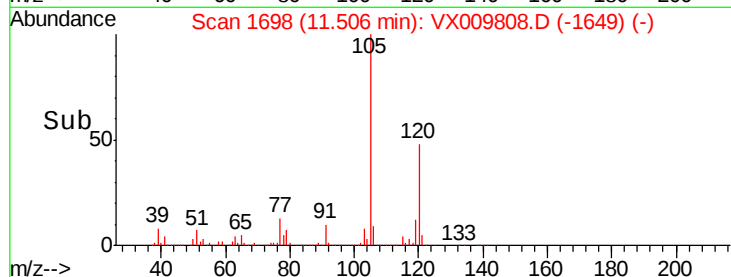
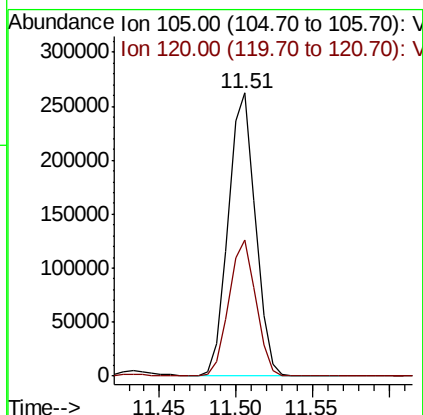
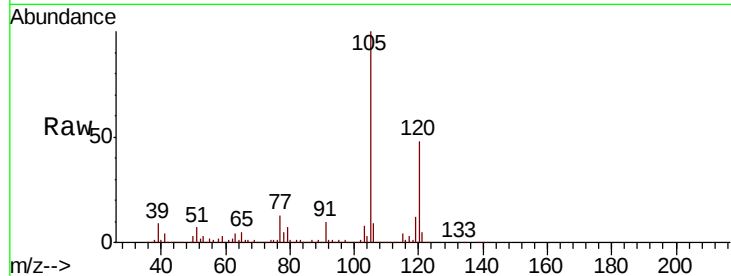




#80
 1,3,5-Trimethylbenzene
 Concen: 44.214 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009808.D
 Acq: 22 May 2019 16:44

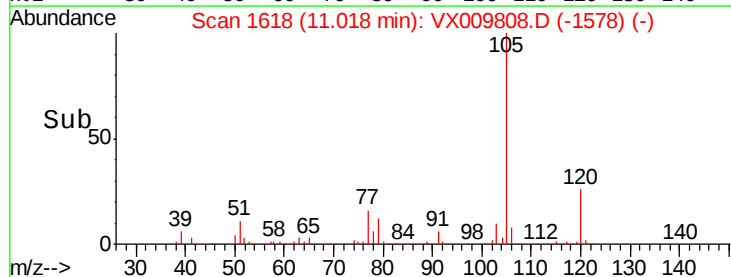
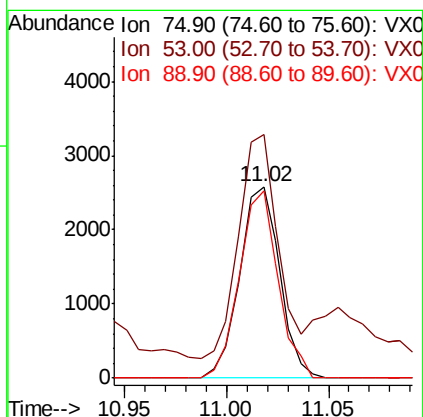
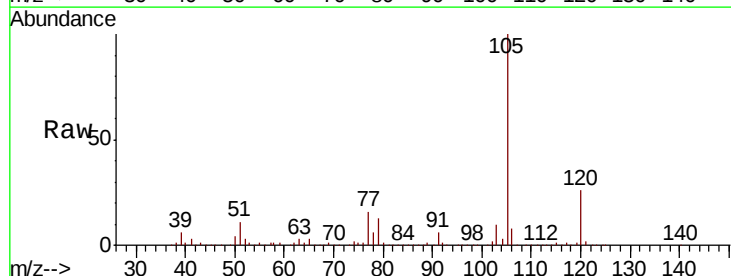
Instrument :
 MSVOA_X
 ClientSampleId :

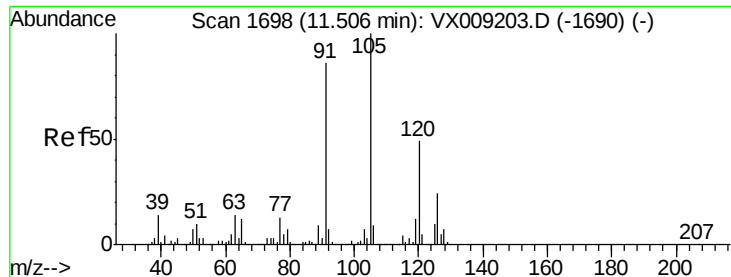
Tot Ion:105 Resp: 321595
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.3 72.9



#81
 trans-1,4-Dichloro-2-butene
 Concen: 3.262 ug/l
 RT: 11.02 min Scan# 1618
 Delta R.T. -0.05 min
 Lab File: VX009808.D
 Acq: 22 May 2019 16:44

Tgt Ion: 75 Resp: 3513
 Ion Ratio Lower Upper
 75 100
 53 114.7 79.0 118.6
 89 94.6 34.7 52.1#

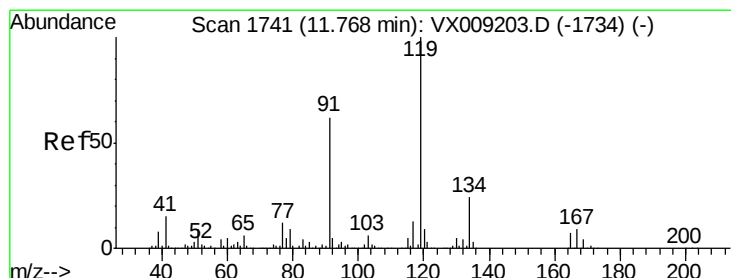
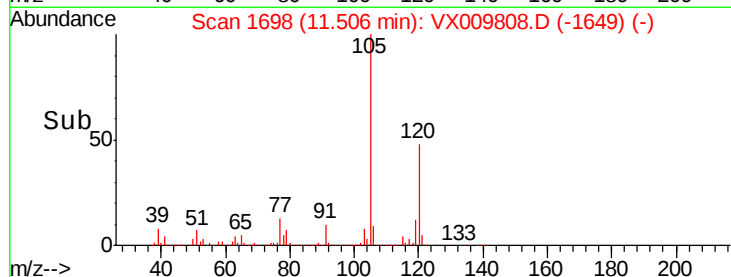
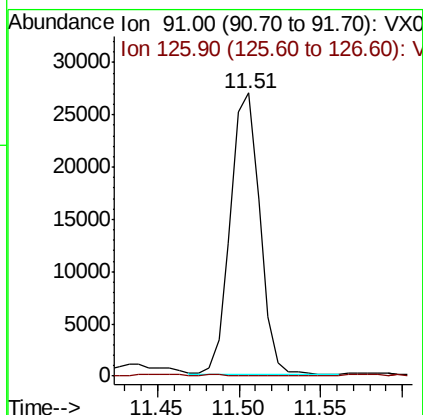
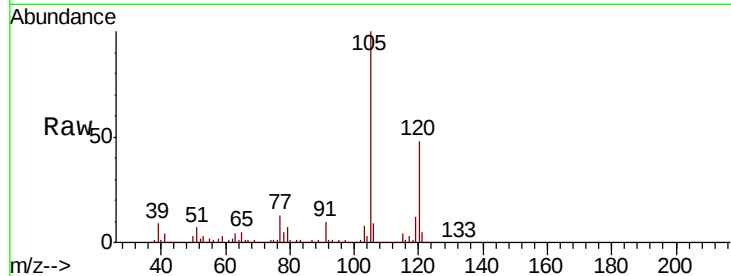




#82
4-Chlorotoluene
Concen: 4.915 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

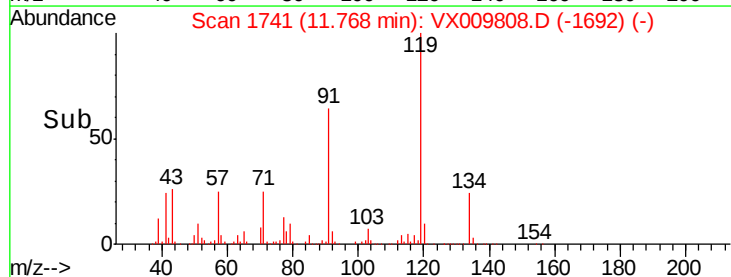
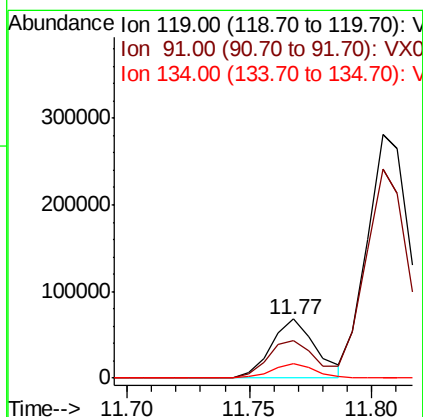
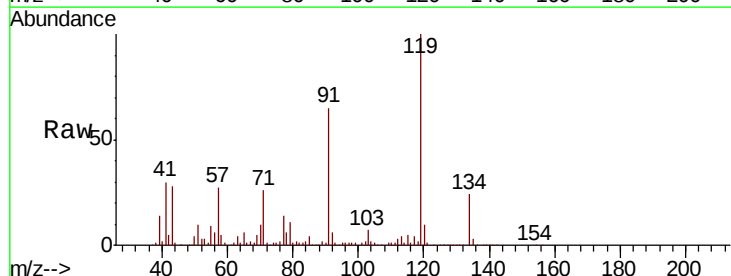
Instrument :
MSVOA_X
ClientSampleId :

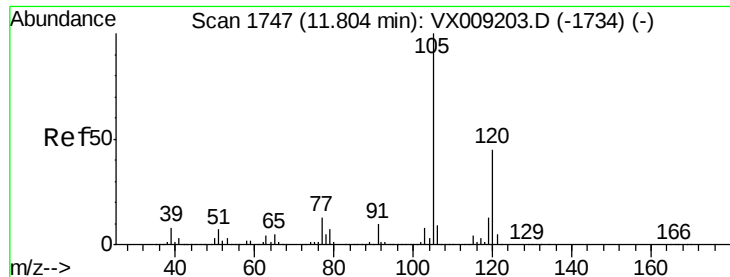
Tot Ion: 91 Resp: 33796
Ion Ratio Lower Upper
91 100
126 0.3 14.5 43.6#



#83
tert-Butylbenzene
Concen: 12.144 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion: 119 Resp: 85927
Ion Ratio Lower Upper
119 100
91 70.3 29.5 88.5
134 23.3 11.4 34.1



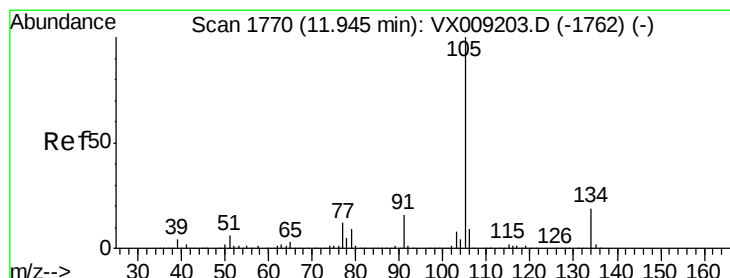
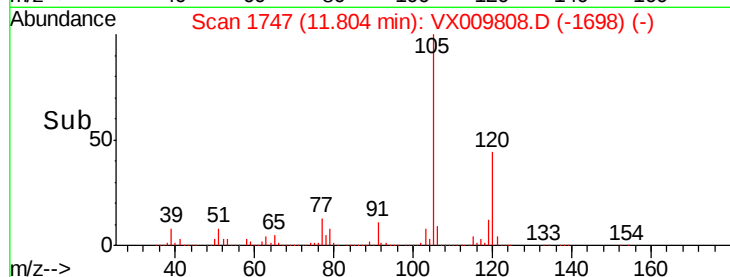
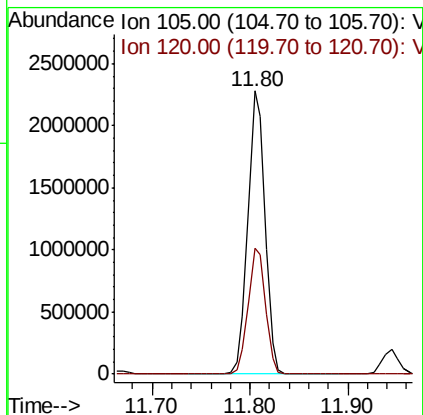
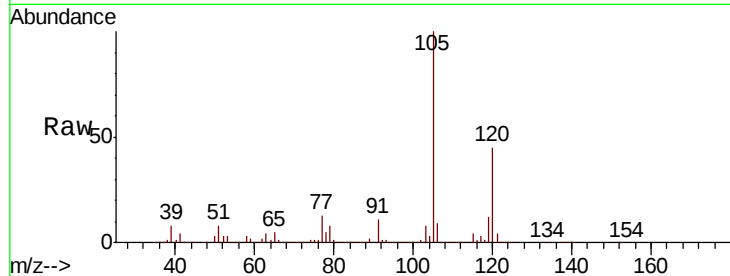


#84

1,2,4-Trimethylbenzene
Concen: 380.096 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :

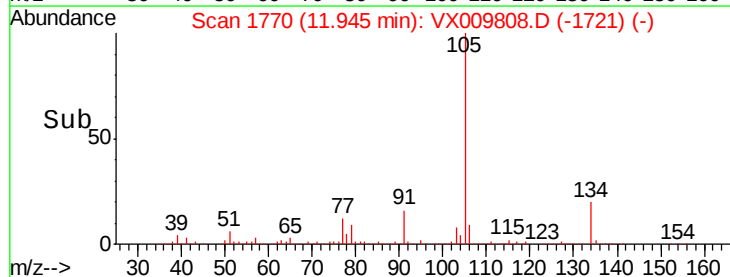
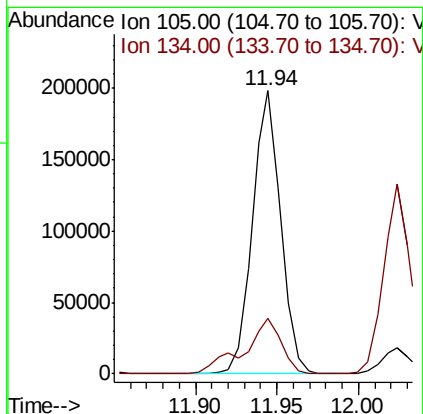
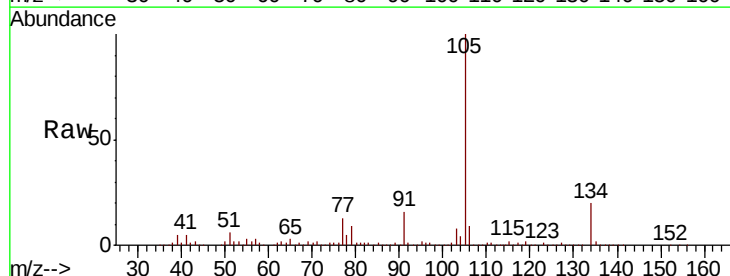
Tot Ion:105 Resp: 2774989
Ion Ratio Lower Upper
105 100
120 45.4 22.0 66.0

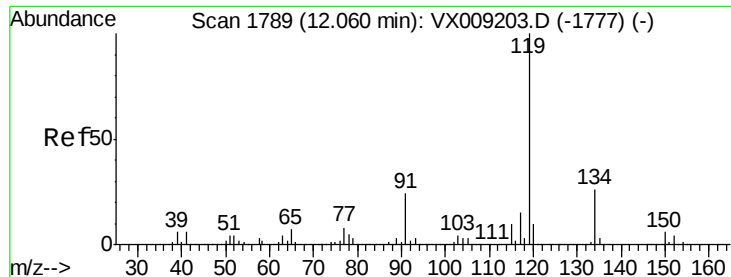


#85

sec-Butylbenzene
Concen: 28.303 ug/l
RT: 11.94 min Scan# 1770
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion:105 Resp: 237426
Ion Ratio Lower Upper
105 100
134 26.2 9.7 28.9

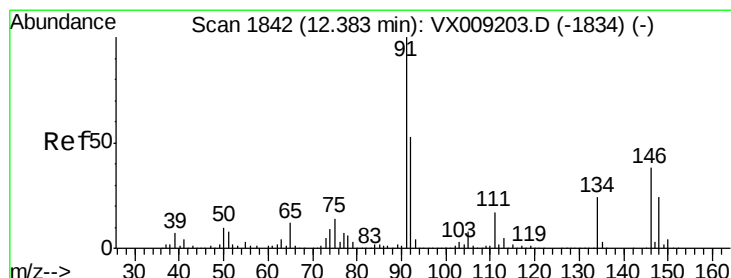
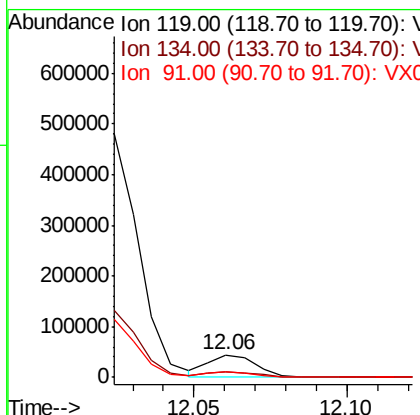
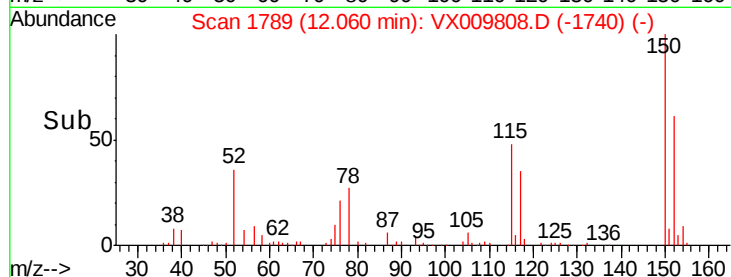
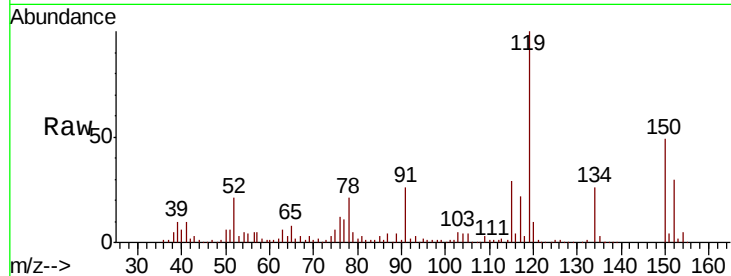




#86
p-Isopropyltoluene
Concen: 6.411 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

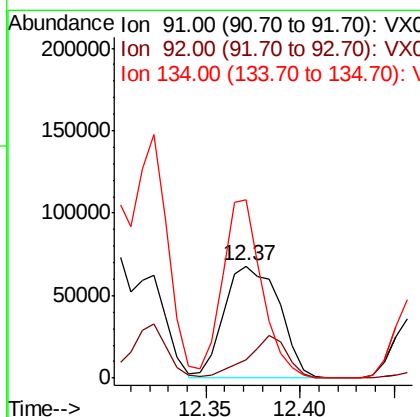
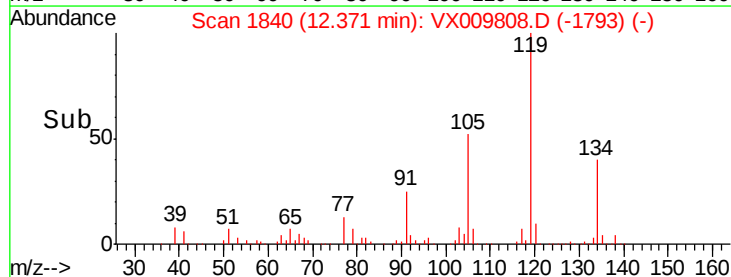
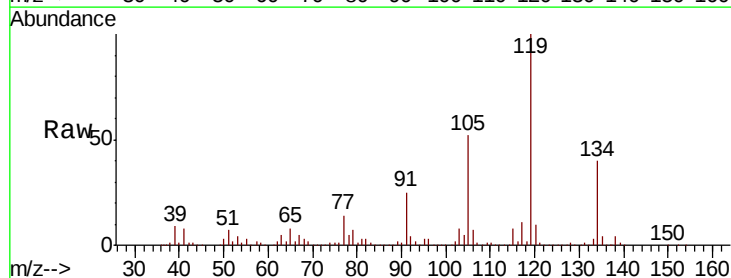
Instrument :
MSVOA_X
ClientSampleId :

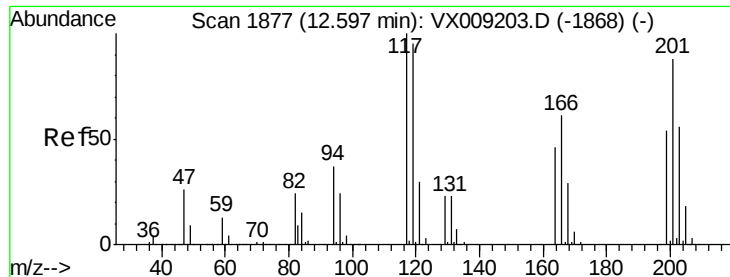
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	12.9	38.7
91	24.7	11.8	35.4



#89
n-Butylbenzene
Concen: 20.144 ug/l
RT: 12.37 min Scan# 1840
Delta R.T. -0.01 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	27.9	26.5	79.5
134	113.2	12.4	37.2#





#90

Hexachloroethane

Concen: 38.063 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

Instrument :

MSVOA_X

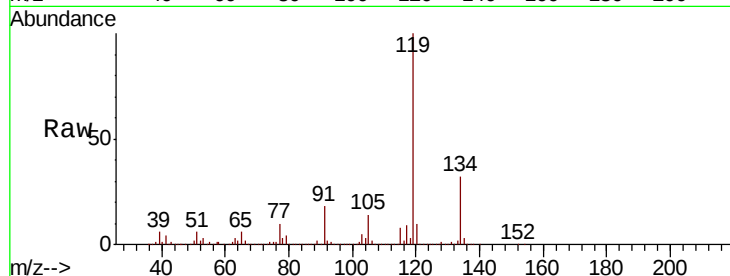
ClientSampleId :

Tot Ion:117 Resp: 48904

Ion Ratio Lower Upper

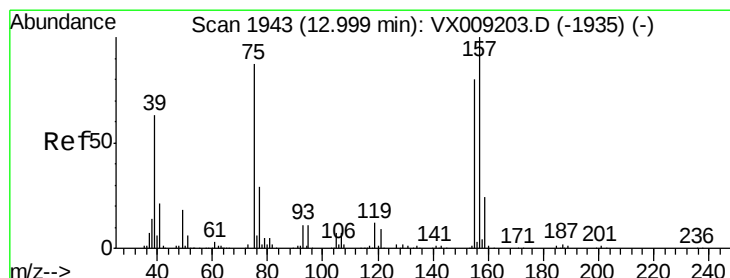
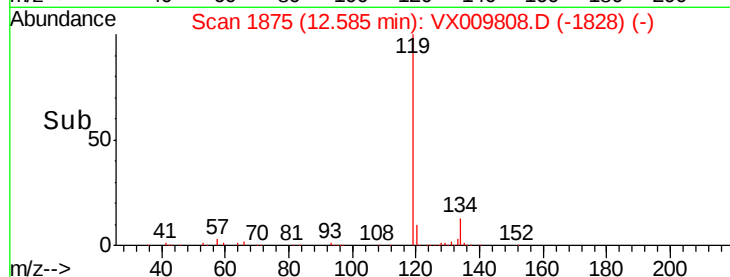
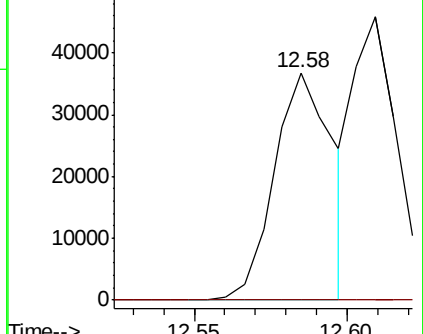
117 100

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: 3.695 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX009808.D

Acq: 22 May 2019 16:44

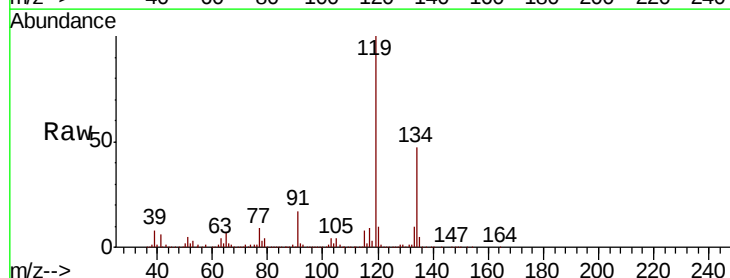
Tgt Ion: 75 Resp: 2669

Ion Ratio Lower Upper

75 100

155 0.9 42.0 126.0#

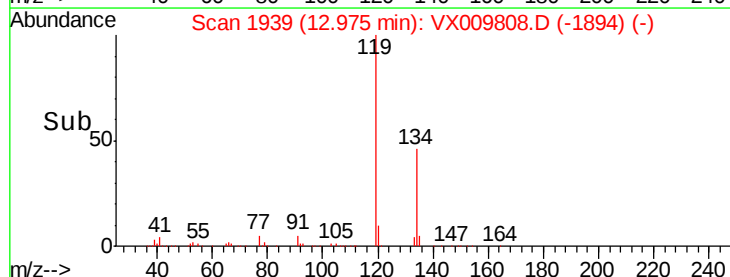
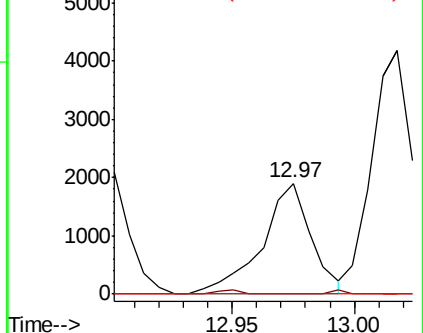
157 0.0 53.2 159.6#

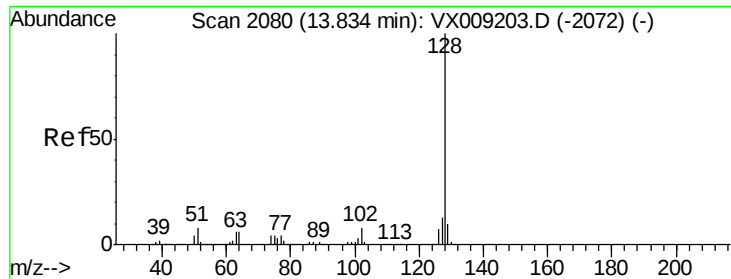


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

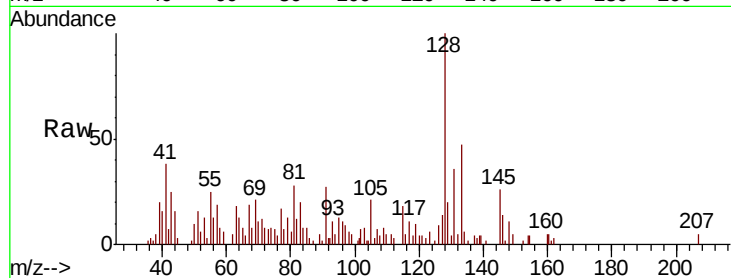




#95
Naphthalene
Concen: 0.598 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009808.D
Acq: 22 May 2019 16:44

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	0.0	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

