

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041319\
 Data File : VX008931.D
 Acq On : 13 Apr 2019 14:59
 Operator : JC/SP
 Sample : K2381-03DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 14 04:13:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	193136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305228	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	265075	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	115905	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	122134	43.36	ug/l	0.00
Spiked Amount			Recovery	=	86.72%	
35) Dibromofluoromethane	5.50	113	89661	45.94	ug/l	0.00
Spiked Amount			Recovery	=	91.88%	
50) Toluene-d8	8.71	98	380497	48.97	ug/l	0.00
Spiked Amount			Recovery	=	97.94%	
62) 4-Bromofluorobenzene	11.13	95	130268	47.28	ug/l	0.00
Spiked Amount			Recovery	=	94.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	383	Below Cal	#	74
5) Bromomethane	1.64	94	472	2.192	ug/l #	67
6) Chloroethane	1.71	64	710	Below Cal	#	52
10) Methyl Iodide	2.50	142	79	4.040	ug/l #	42
11) Tert butyl alcohol	3.05	59	1653	2.506	ug/l	95
13) Acrolein	2.29	56	1671	5.110	ug/l	99
16) Acetone	2.45	43	293780	181.065	ug/l	100
17) Carbon Disulfide	2.57	76	1407	Below Cal		96
18) Methyl Acetate	2.78	43	82365	20.931	ug/l	99
20) Methylene Chloride	2.85	84	585	0.215	ug/l	94
22) Diisopropyl ether	3.95	45	5291	0.537	ug/l #	1
23) Vinyl Acetate	3.95	43	14962	1.746	ug/l #	76
25) 2-Butanone	4.68	43	33496	13.062	ug/l	96
28) Bromochloromethane	5.01	49	22	Below Cal	#	22
29) Tetrahydrofuran	5.15	42	715	0.420	ug/l #	55
31) Cyclohexane	5.67	56	4262	0.876	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14892	4.463	ug/l #	51
37) Ethyl Acetate	4.84	43	160220	35.977	ug/l	98
38) Carbon Tetrachloride	5.67	117	18639	6.750	ug/l #	16
49) 1,4-Dioxane	7.76	88	515	7.790	ug/l #	1
51) 4-Methyl-2-Pentanone	8.62	43	100452	22.368	ug/l #	38
52) Toluene	8.78	92	2691	0.459	ug/l	92
59) 2-Hexanone	9.50	43	1690	0.484	ug/l	95
60) Dibromochloromethane	9.34	129	7377	3.328	ug/l #	11
64) Tetrachloroethene	9.34	164	7691	3.916	ug/l	98
68) m/p-Xylenes	10.35	106	1528	0.388	ug/l	97
69) o-Xylene	10.69	106	1052	0.276	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	2287	0.626	ug/l #	25
76) 1,2,3-Trichloropropane	11.13	75	64832	20.362	ug/l #	34
78) n-propylbenzene	11.36	91	3552	0.318	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	8218	1.019	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	64832	56.128	ug/l #	10
83) tert-Butylbenzene	11.80	119	4139	0.534	ug/l #	68
84) 1,2,4-Trimethylbenzene	11.80	105	31319	3.836	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Apr 04 04:47:41 2019
Response via : Initial Calibration

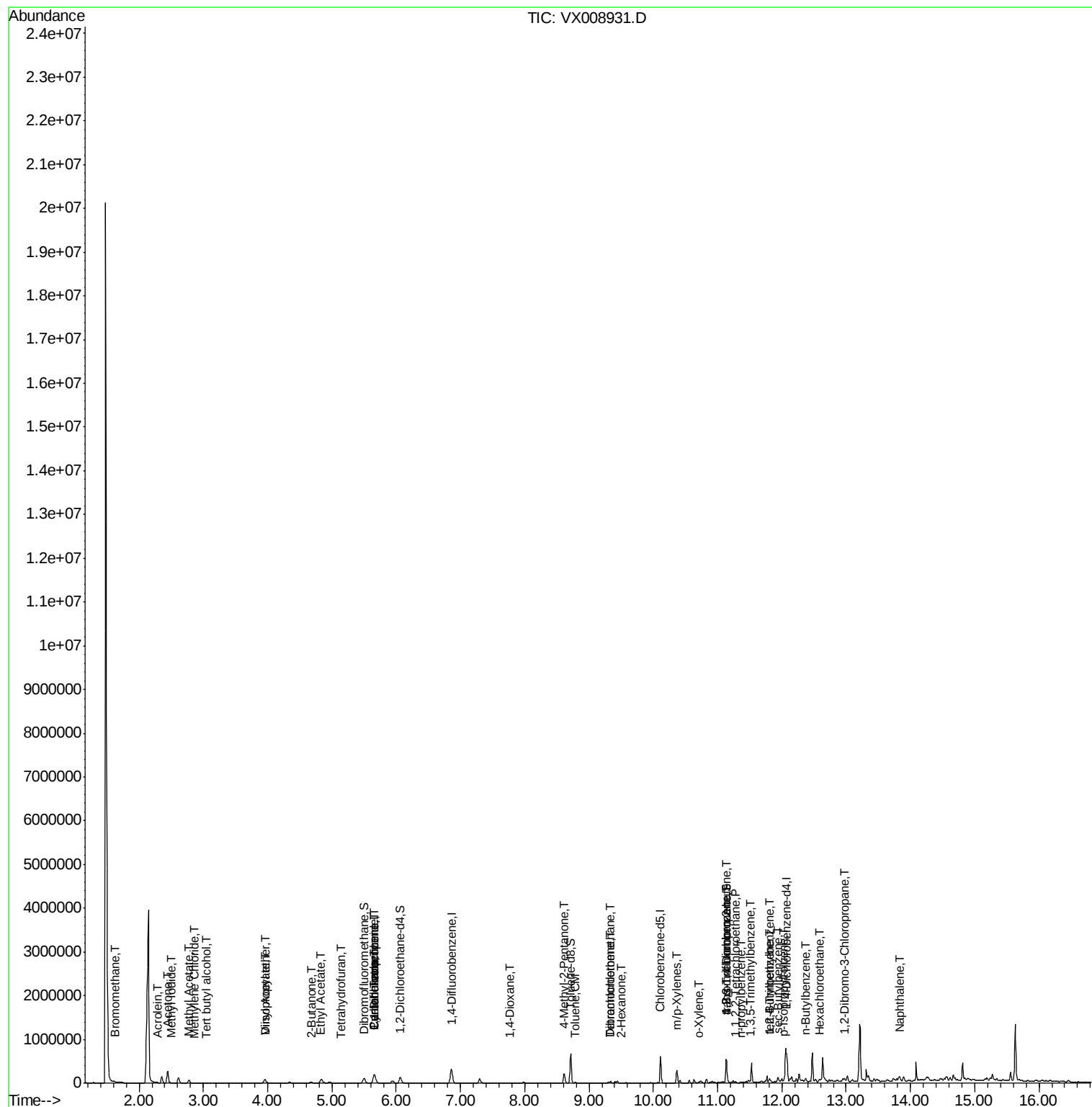
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	2939	0.319	ug/l #	75
86) p-Isopropyltoluene	12.02	119	4512	0.546	ug/l	96
89) n-Butylbenzene	12.38	91	8158	1.052	ug/l #	43
90) Hexachloroethane	12.58	117	1988	1.449	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	12.97	75	309	0.385	ug/l #	35
95) Naphthalene	13.83	128	52462	5.500	ug/l	98

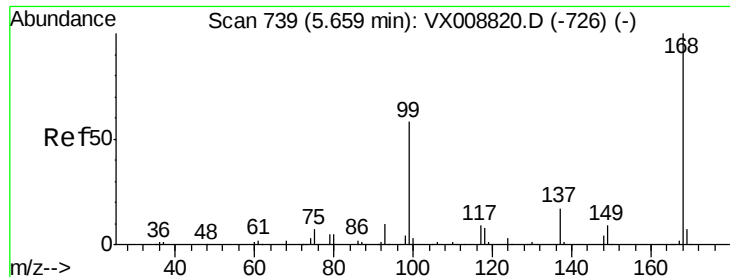
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\ VX041319\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

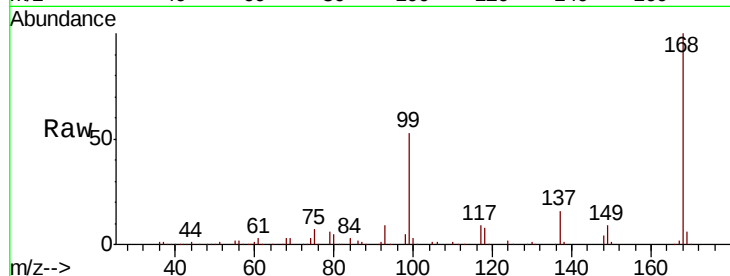
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 193136

Ion Ratio Lower Upper

168 100

99 52.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

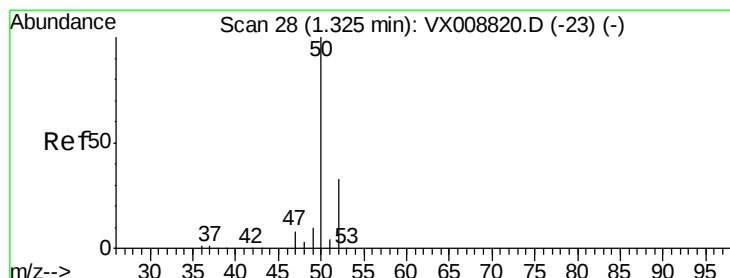
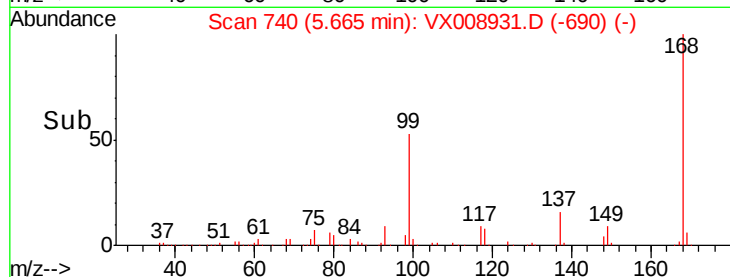
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008931.D

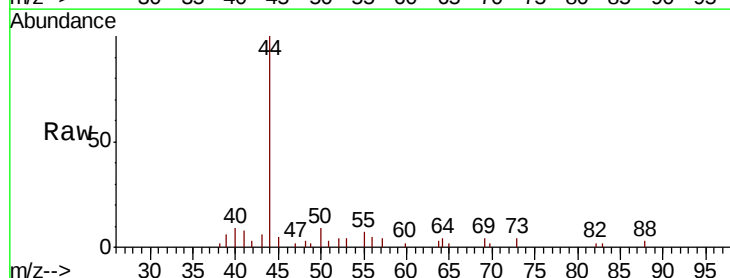
Acq: 13 Apr 2019 14:59

Tgt Ion: 50 Resp: 383

Ion Ratio Lower Upper

50 100

52 47.0 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

300

250

200

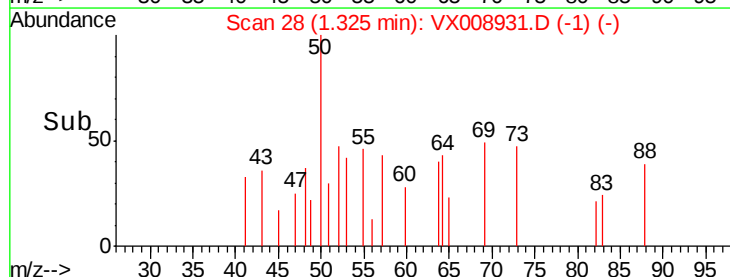
150

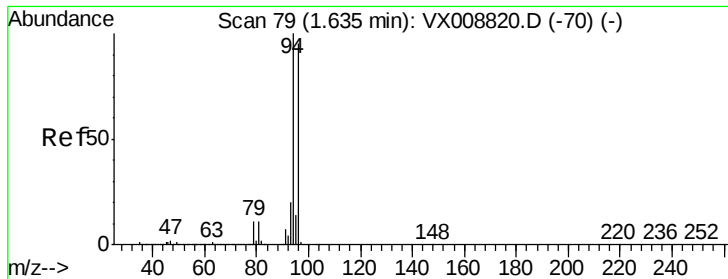
100

50

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: 2.192 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

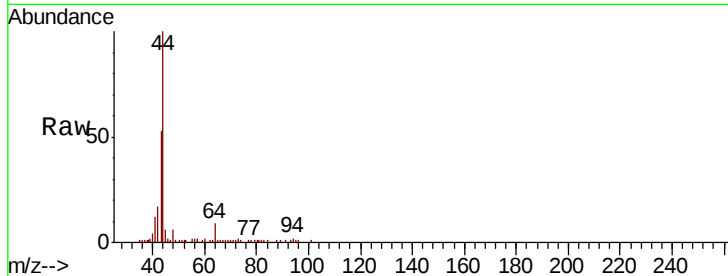
ClientSampleId :

Tot Ion: 94 Resp: 472

Ion Ratio Lower Upper

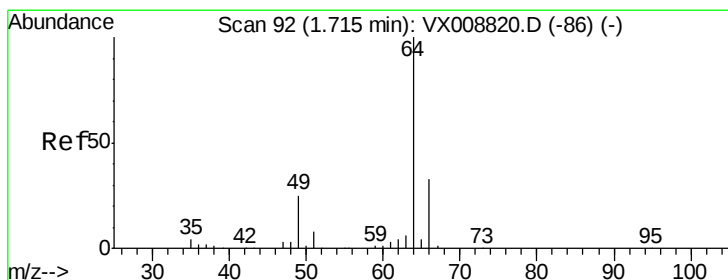
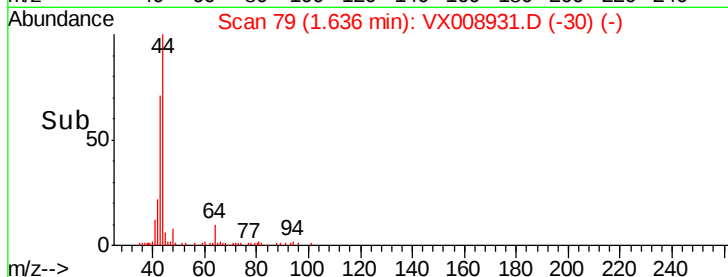
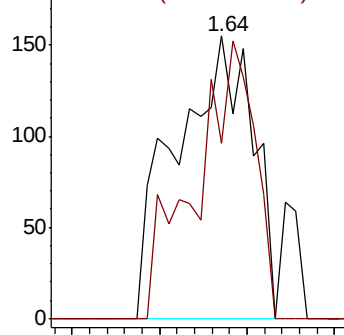
94 100

96 61.9 75.2 112.8#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX008931.D

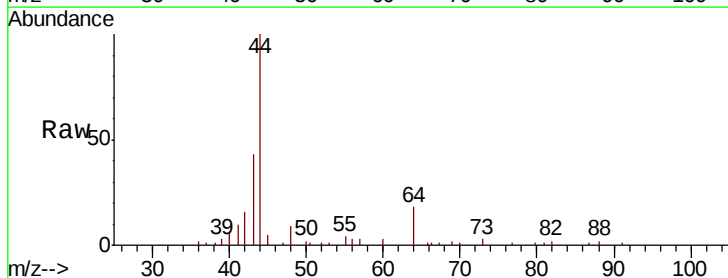
Acq: 13 Apr 2019 14:59

Tgt Ion: 64 Resp: 710

Ion Ratio Lower Upper

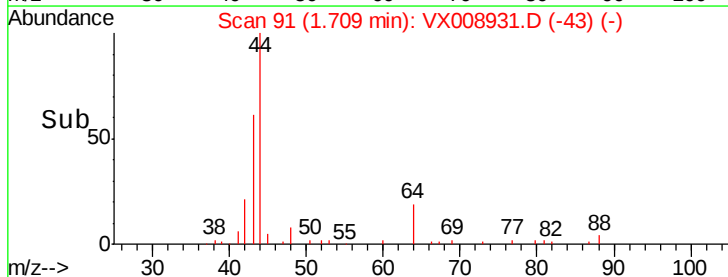
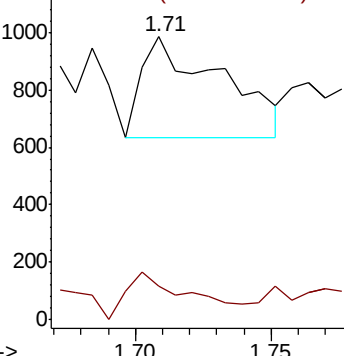
64 100

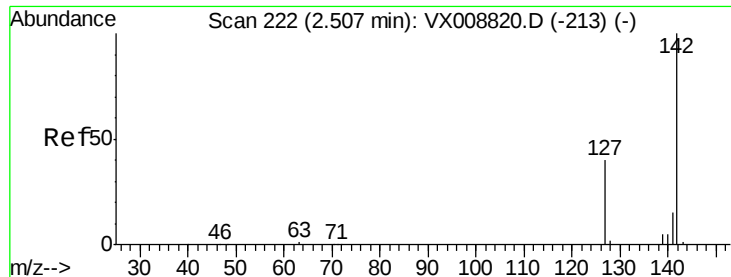
66 5.1 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

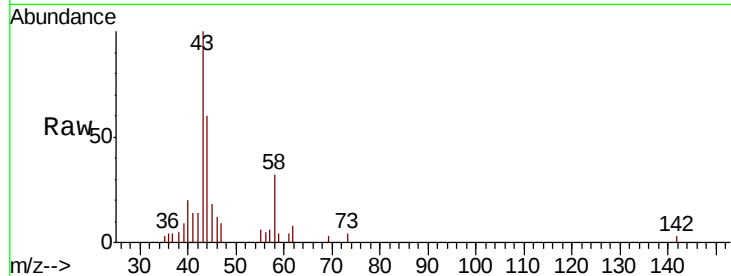




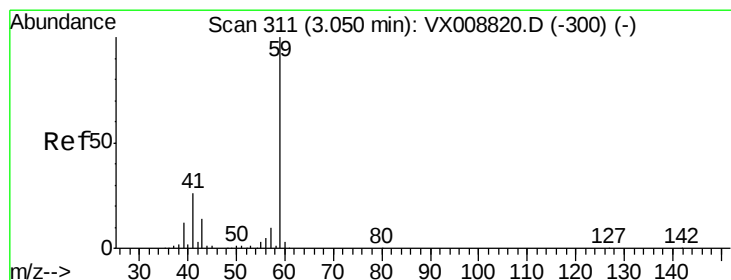
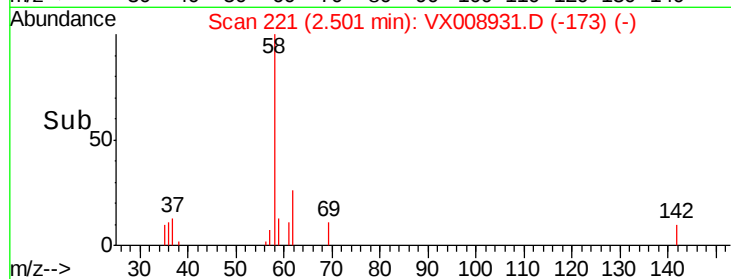
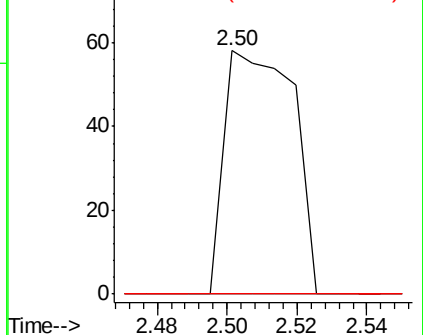
#10
Methyl Iodide
Concen: 4.040 ug/l
RT: 2.50 min Scan# 221
Delta R.T. -0.01 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:142 Resp: 79
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.6#
141 0.0 11.4 17.2#

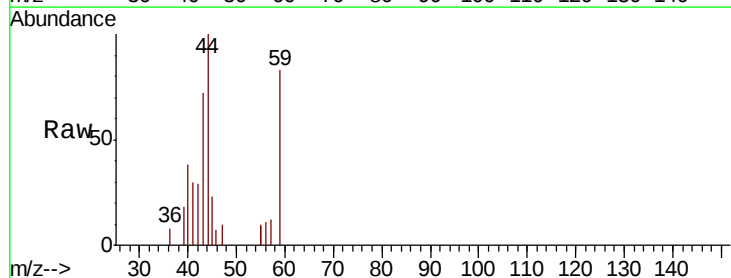


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

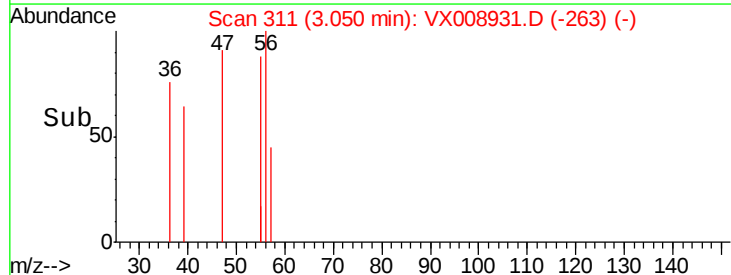
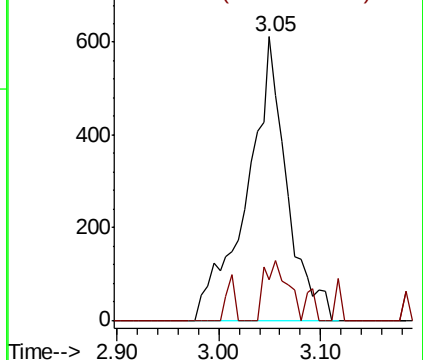


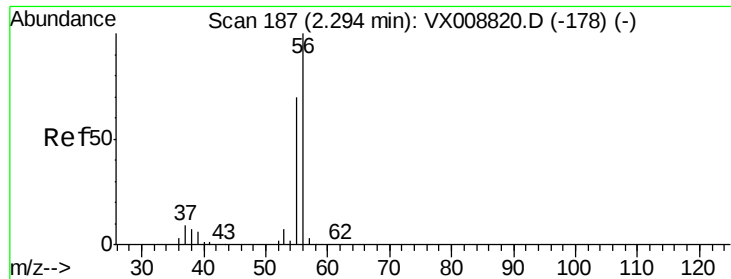
#11
Tert butyl alcohol
Concen: 2.506 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion: 59 Resp: 1653
Ion Ratio Lower Upper
59 100
57 12.3 8.3 12.5



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

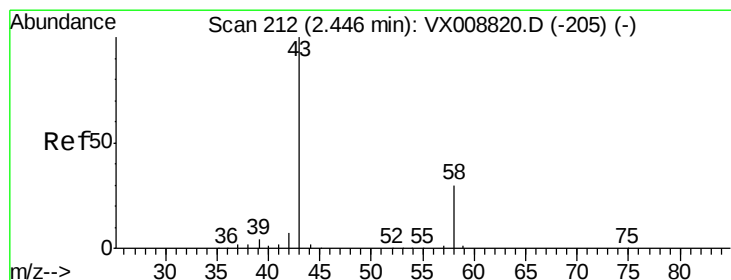
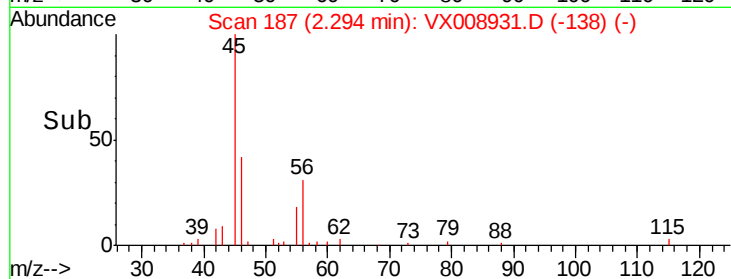
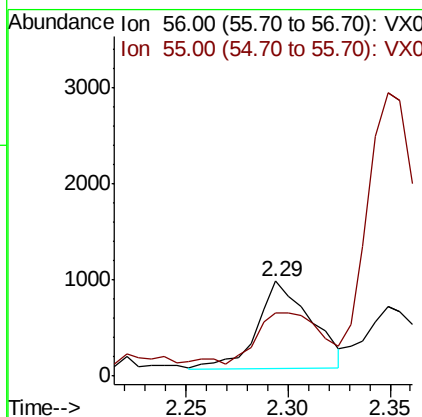
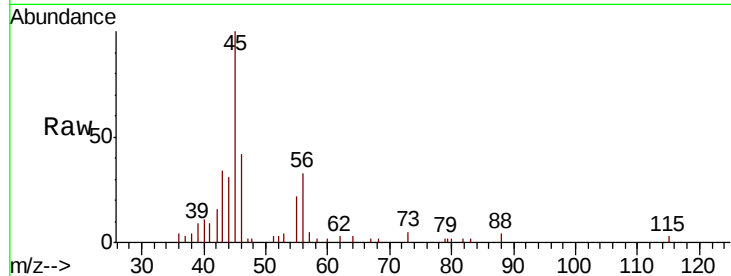




#13
Acrolein
Concen: 5.110 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

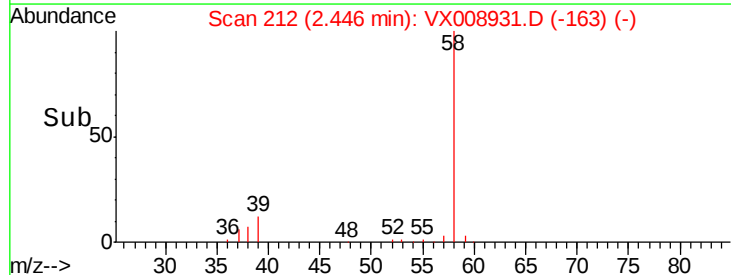
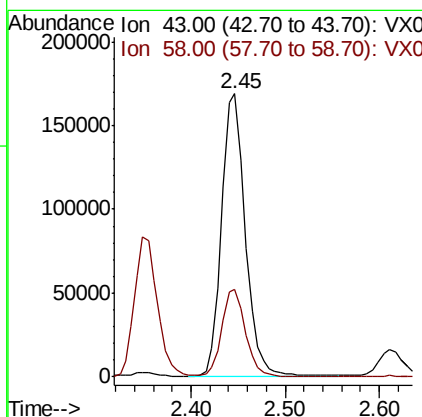
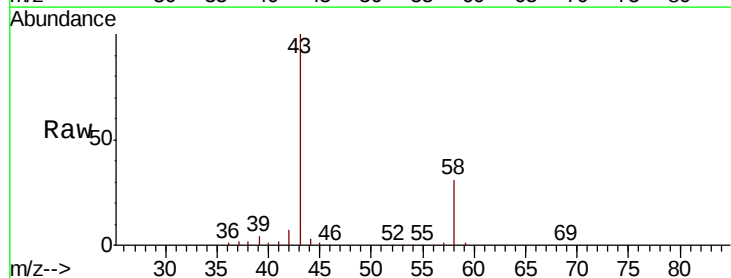
Instrument :
MSVOA_X
ClientSampleId :

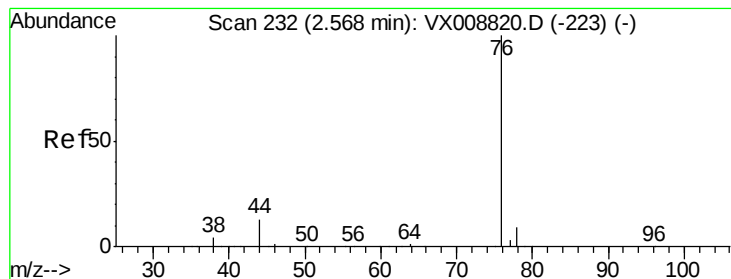
Tot Ion: 56 Resp: 1671
Ion Ratio Lower Upper
56 100
55 73.4 58.0 87.0



#16
Acetone
Concen: 181.065 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion: 43 Resp: 293780
Ion Ratio Lower Upper
43 100
58 30.9 24.8 37.2





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

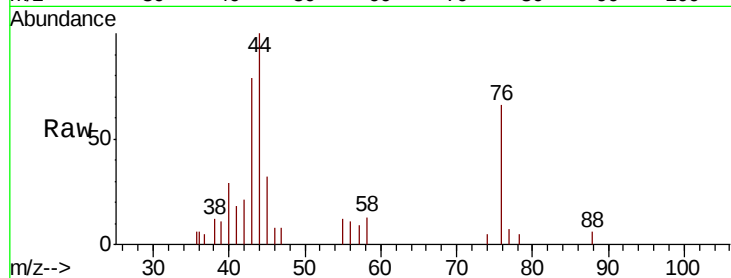
ClientSampleId :

Tot Ion: 76 Resp: 1407

Ion Ratio Lower Upper

76 100

78 7.4 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

800

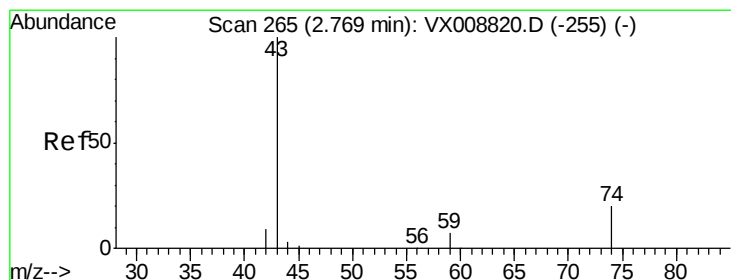
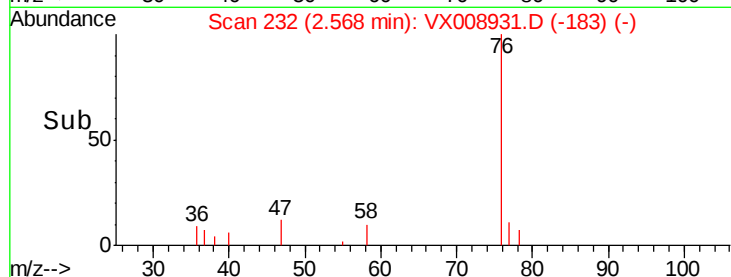
600

400

200

0

Time--> 2.50 2.55 2.60



#18

Methyl Acetate

Concen: 20.931 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX008931.D

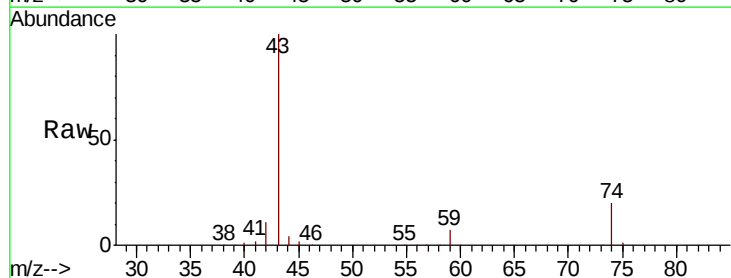
Acq: 13 Apr 2019 14:59

Tgt Ion: 43 Resp: 82365

Ion Ratio Lower Upper

43 100

74 20.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

50000

40000

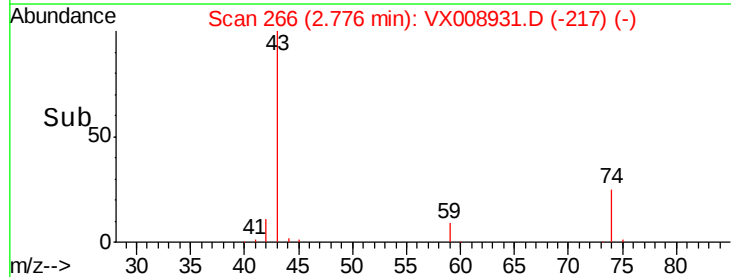
30000

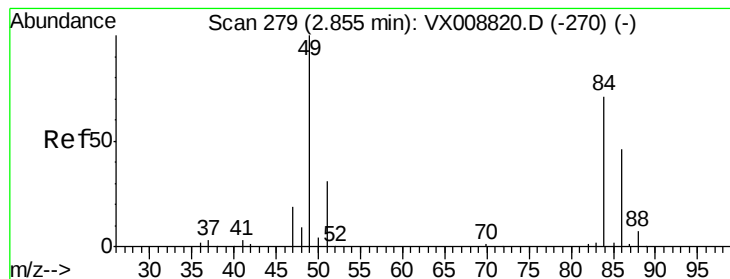
20000

10000

0

Time--> 2.70 2.80 2.90





#20

Methvlene Chloride

Concen: 0.215 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 84 Resp: 585

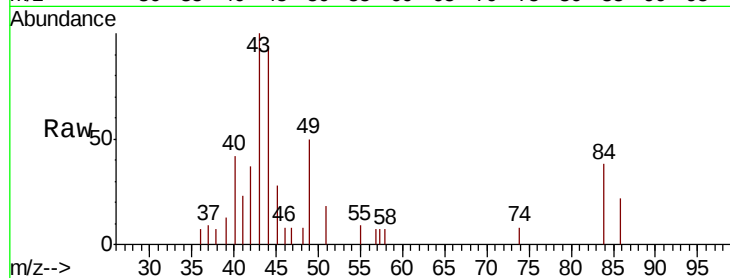
Ion Ratio Lower Upper

84 100

49 132.3 109.7 164.5

51 48.0 33.6 50.4

86 57.8 51.4 77.2

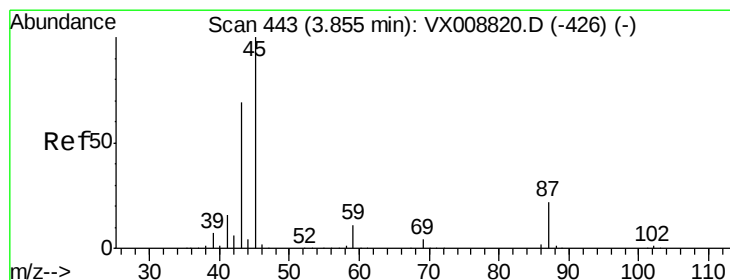
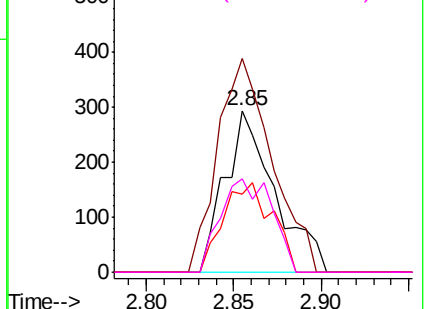
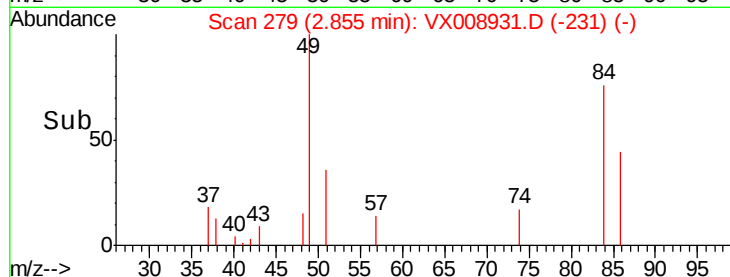


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#22

Diisopropyl ether

Concen: 0.537 ug/l

RT: 3.95 min Scan# 459

Delta R.T. 0.09 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Tgt Ion: 45 Resp: 5291

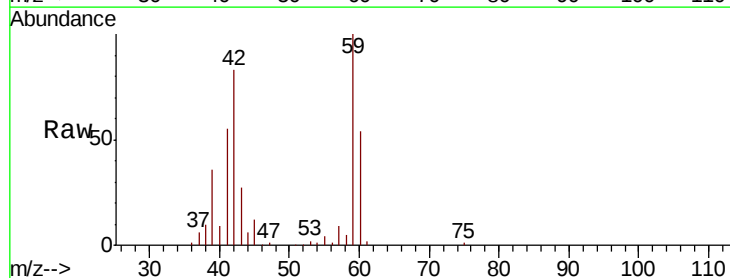
Ion Ratio Lower Upper

45 100

43 230.1 51.3 76.9#

87 0.0 18.1 27.1#

59 882.0 8.6 13.0#

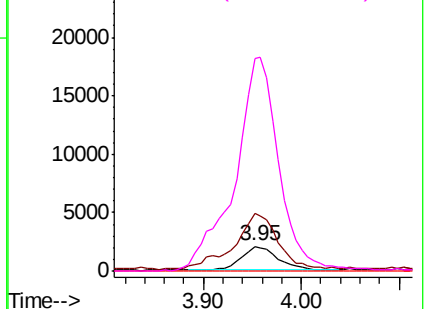
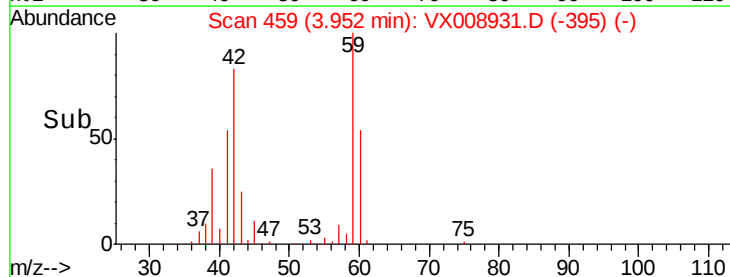


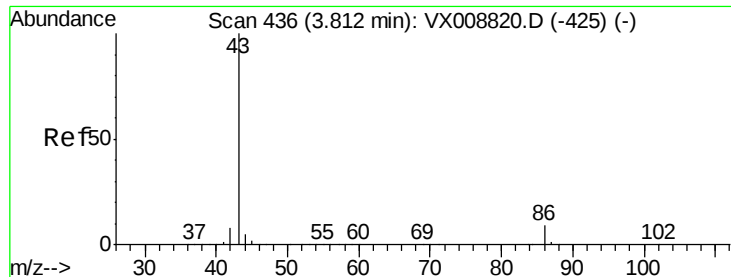
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 1.746 ug/l

RT: 3.95 min Scan# 459

Delta R.T. 0.13 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

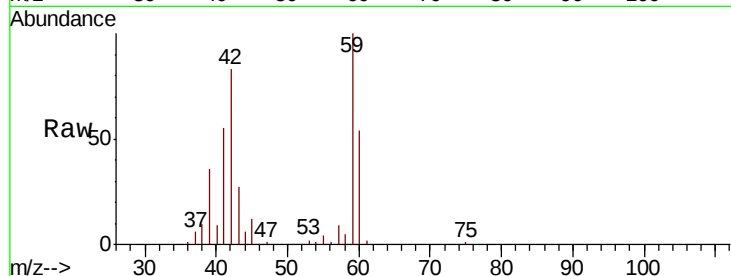
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 14962

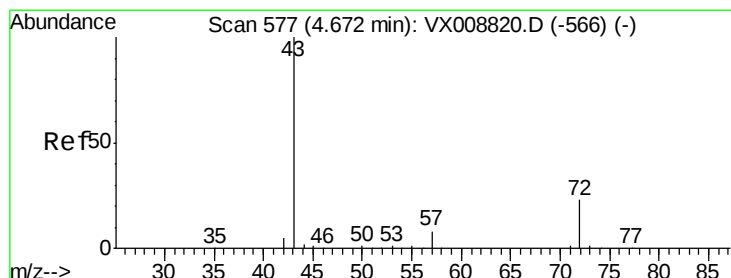
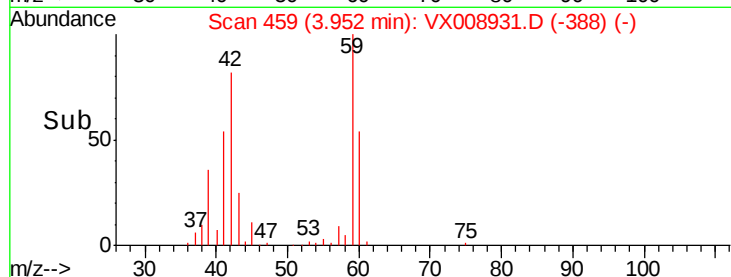
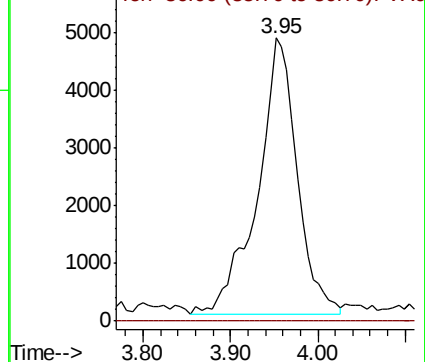
Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



#25

2-Butanone

Concen: 13.062 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX008931.D

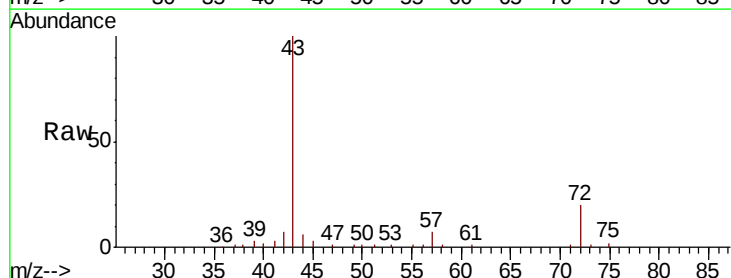
Acq: 13 Apr 2019 14:59

Tgt Ion: 43 Resp: 33496

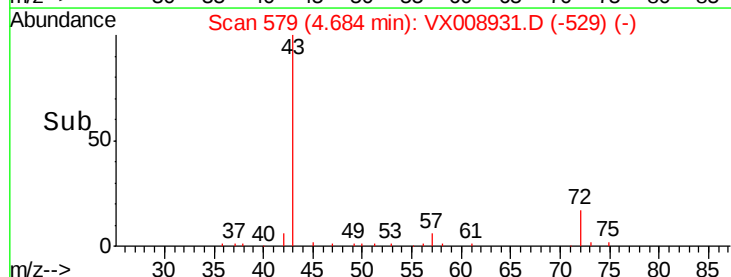
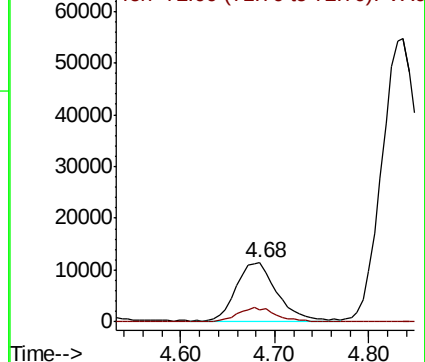
Ion Ratio Lower Upper

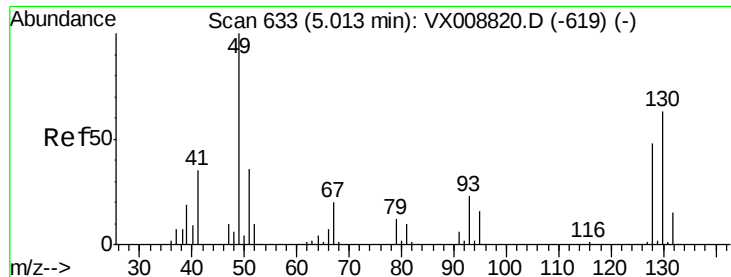
43 100

72 20.8 18.2 27.4



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: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

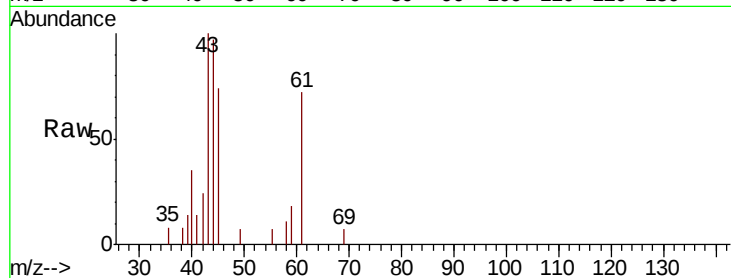
Tot Ion: 49 Resp: 22

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

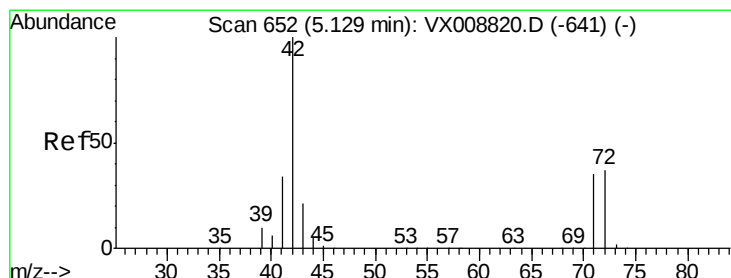
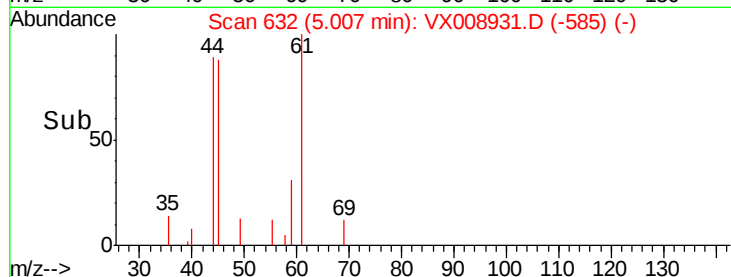
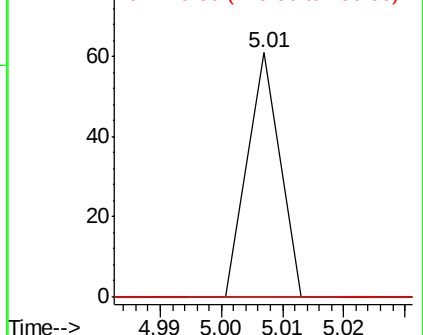
130 0.0 49.3 73.9#



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: 0.420 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

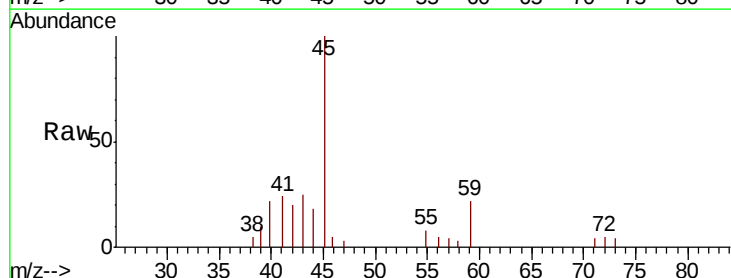
Tgt Ion: 42 Resp: 715

Ion Ratio Lower Upper

42 100

72 19.9 30.5 45.7#

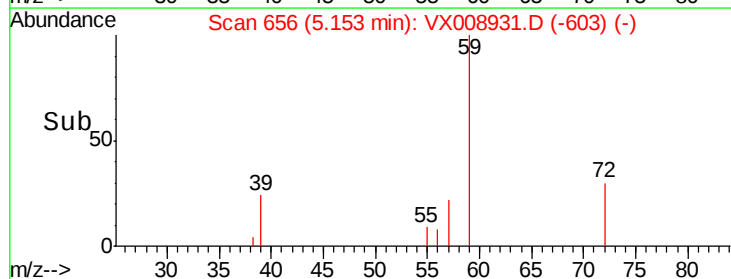
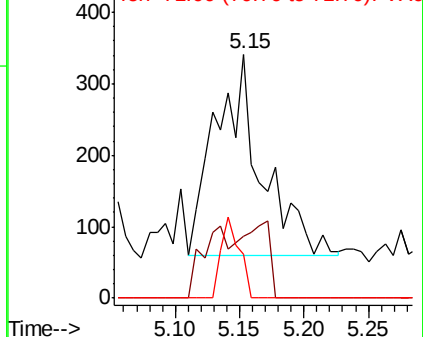
71 0.0 28.6 43.0#

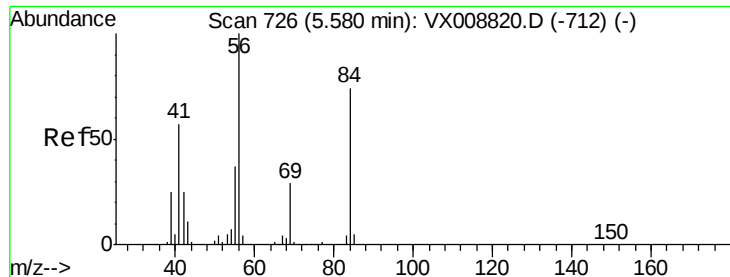


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

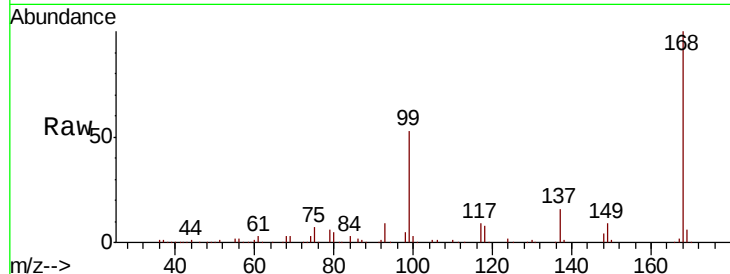




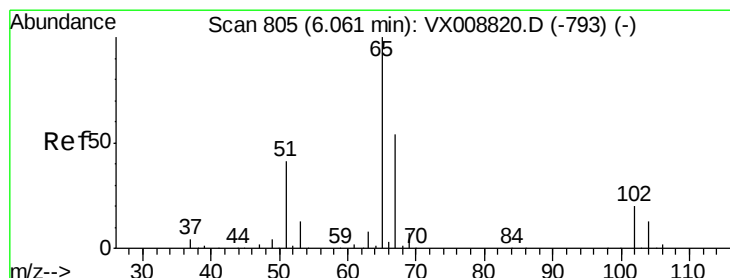
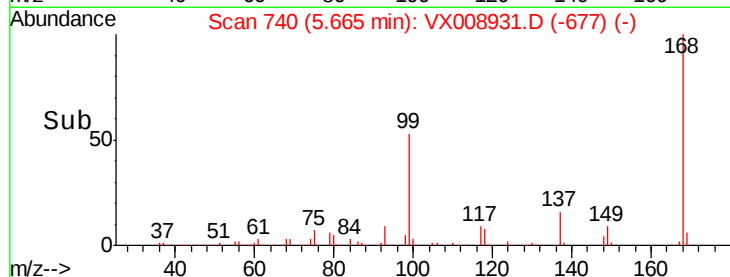
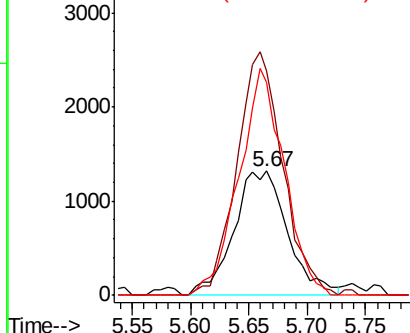
#31
Cyclohexane
Concen: 0.876 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 4262
Ion Ratio Lower Upper
56 100
69 181.0 22.6 33.8#
84 171.9 59.3 88.9#

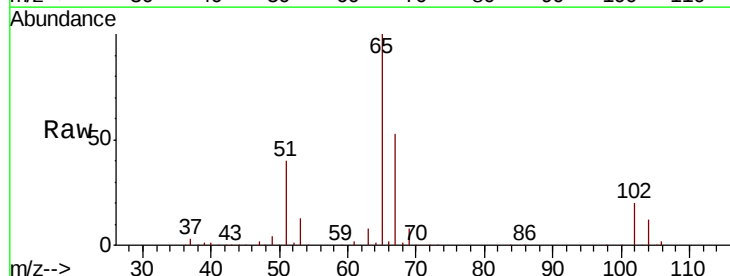


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

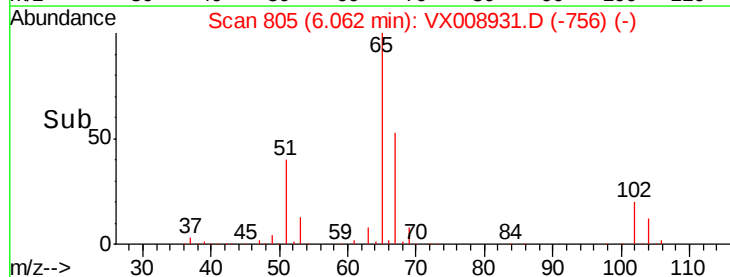
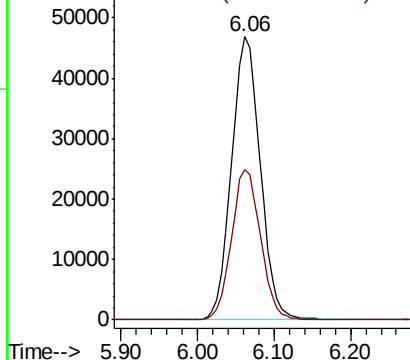


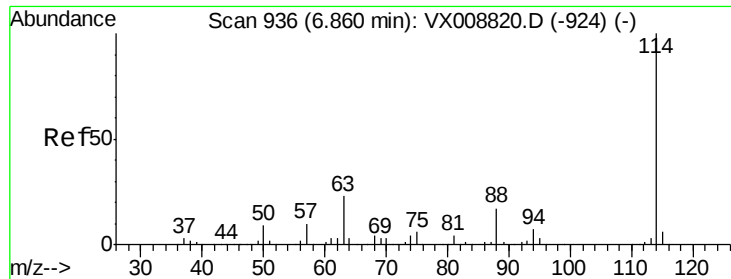
#33
1,2-Dichloroethane-d4
Concen: 43.356 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion: 65 Resp: 122134
Ion Ratio Lower Upper
65 100
67 53.8 0.0 107.2



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

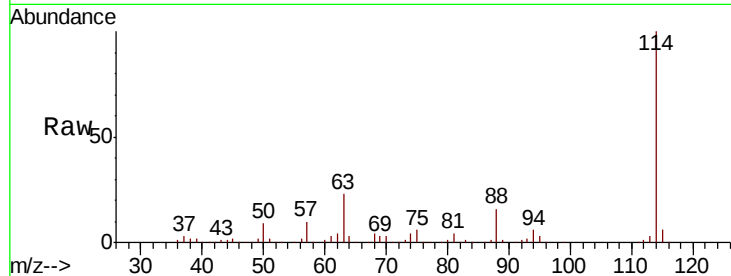




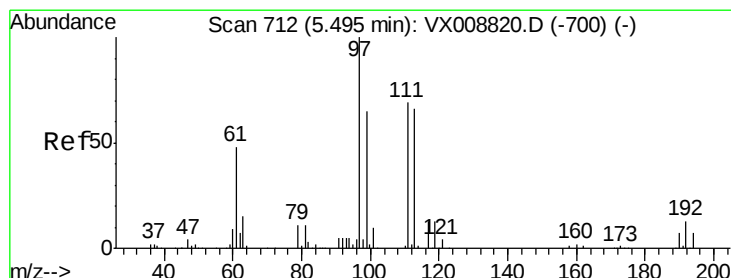
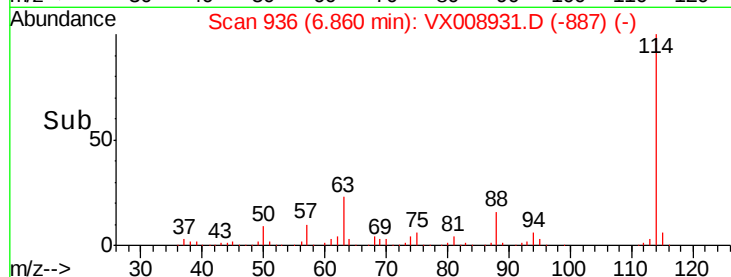
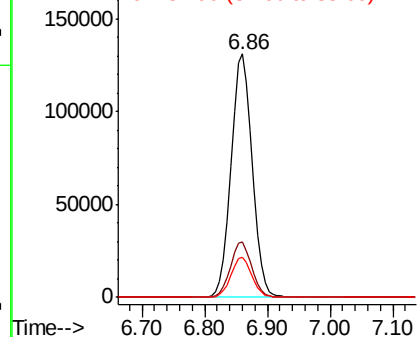
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:114 Resp: 305228
Ion Ratio Lower Upper
114 100
63 23.0 0.0 47.2
88 16.3 0.0 34.0

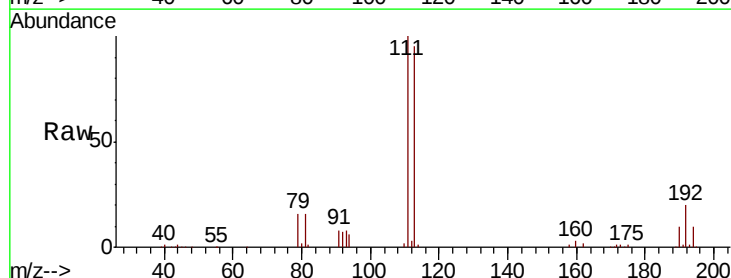


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

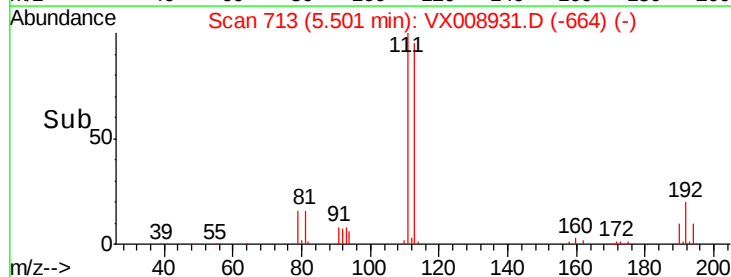
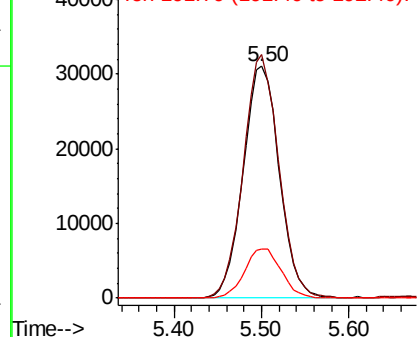


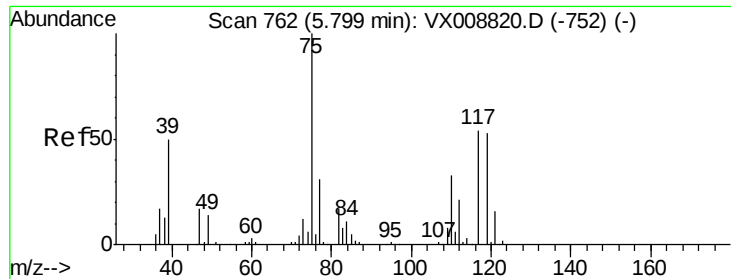
#35
Dibromofluoromethane
Concen: 45.944 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion:113 Resp: 89661
Ion Ratio Lower Upper
113 100
111 103.0 83.4 125.2
192 21.5 16.1 24.1



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





#36

1,1-Dichloropropene

Concen: 4.463 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

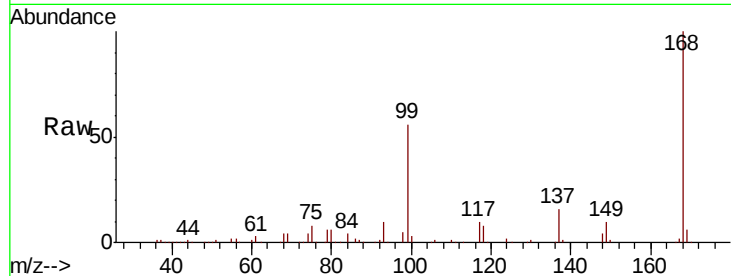
Tot Ion: 75 Resp: 14892

Ion Ratio Lower Upper

75 100

110 8.7 16.4 49.2#

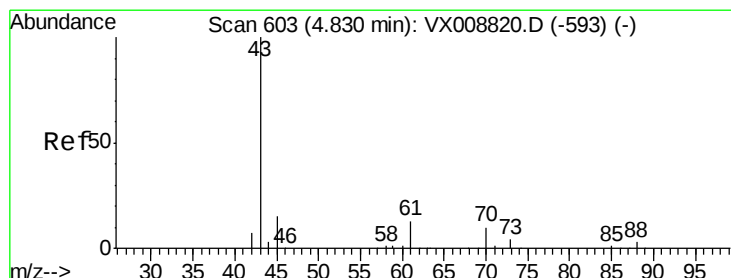
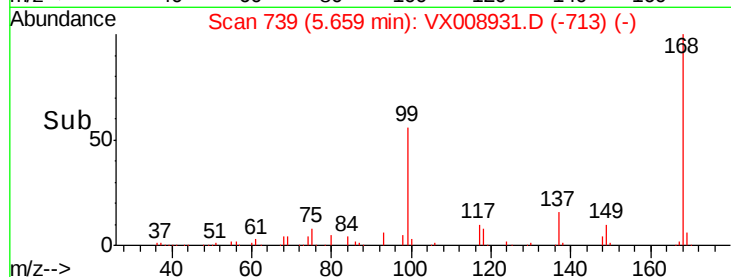
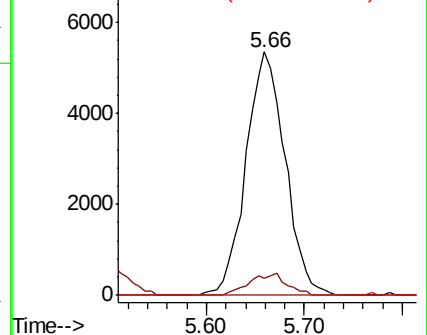
77 0.0 24.7 37.1#



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



#37

Ethyl Acetate

Concen: 35.977 ug/l

RT: 4.84 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

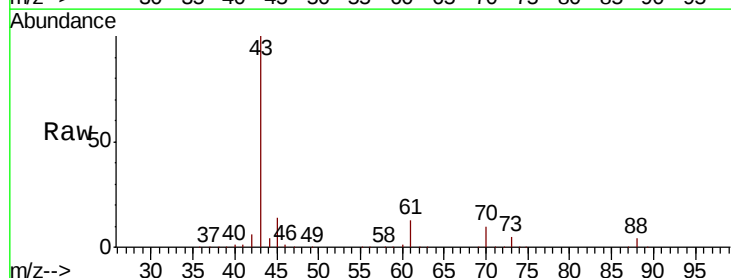
Tgt Ion: 43 Resp: 160220

Ion Ratio Lower Upper

43 100

61 13.9 10.3 15.5

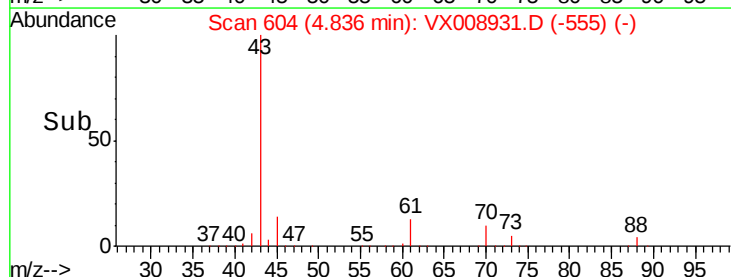
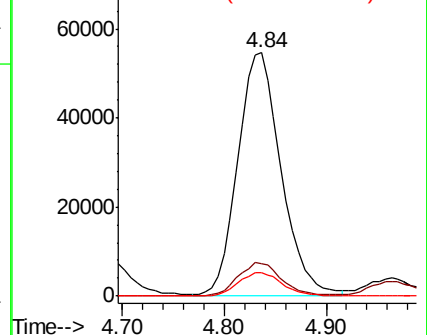
70 10.1 7.6 11.4

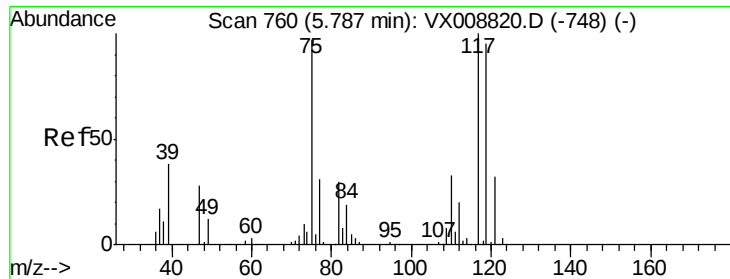


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.750 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

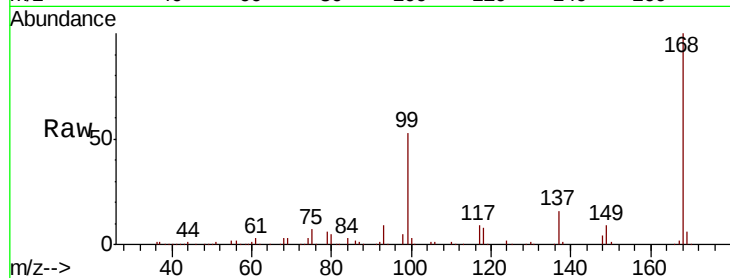
Tot Ion:117 Resp: 18639

Ion Ratio Lower Upper

117 100

119 4.2 75.0 112.6#

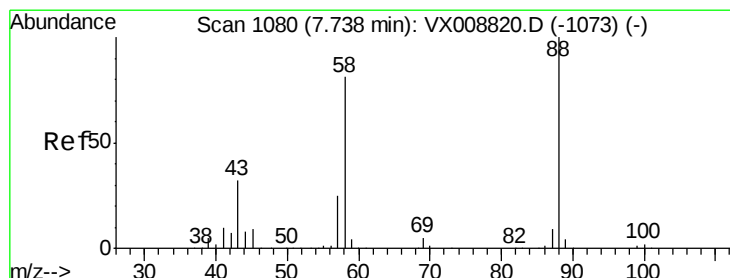
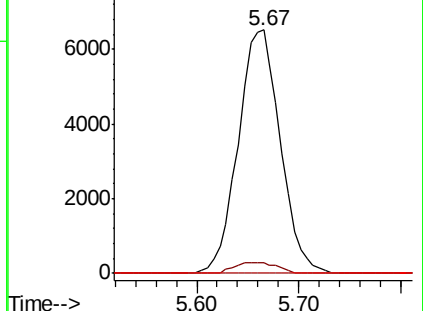
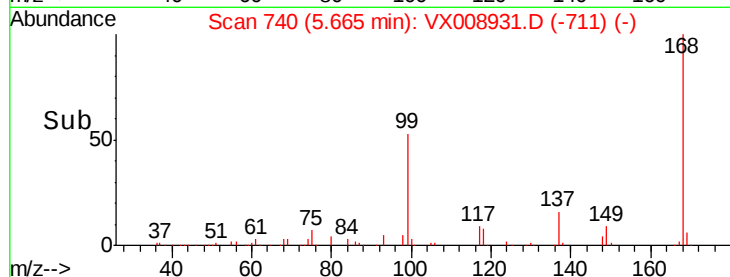
121 0.0 24.3 36.5#



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



#49

1,4-Dioxane

Concen: 7.790 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

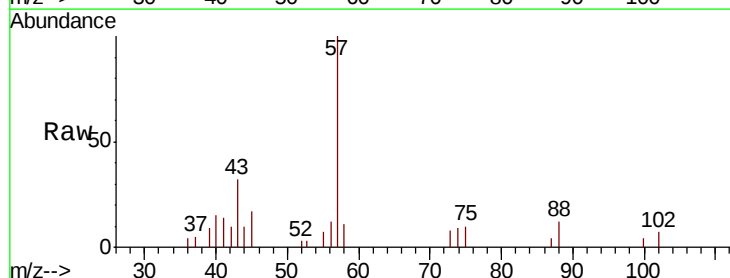
Tgt Ion: 88 Resp: 515

Ion Ratio Lower Upper

88 100

43 247.0 28.6 43.0#

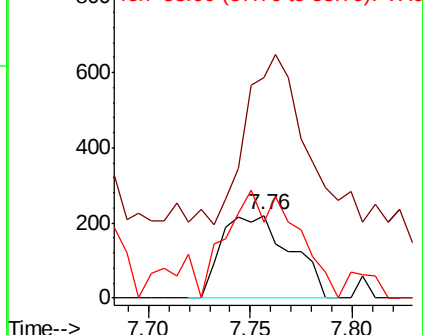
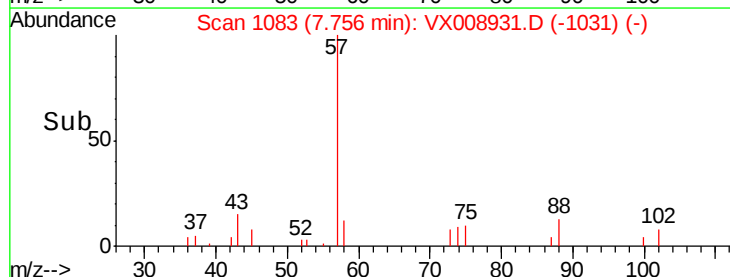
58 131.7 62.2 93.2#

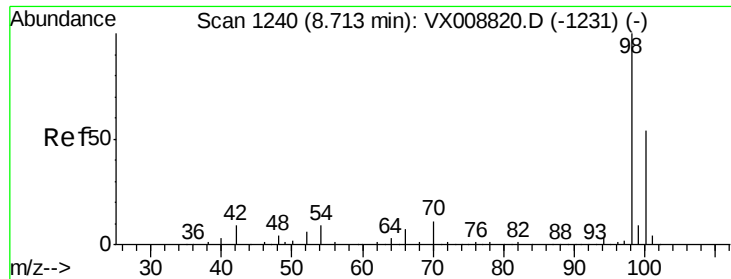


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 48.967 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

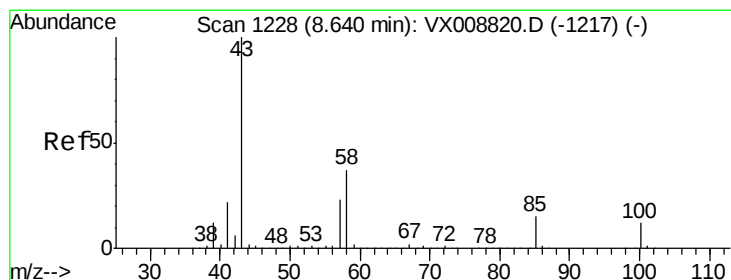
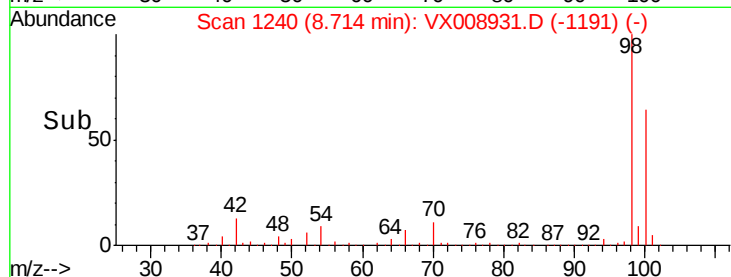
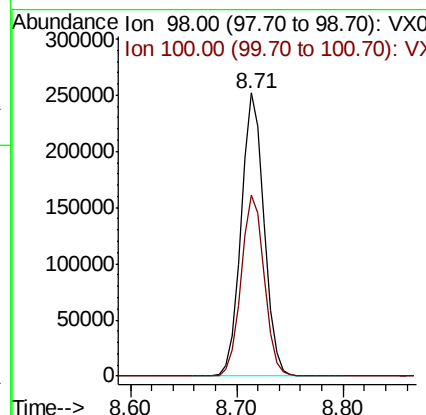
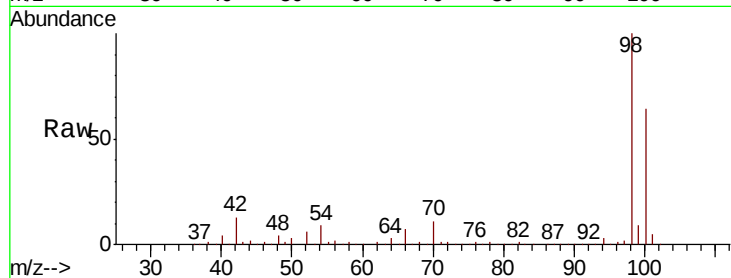
ClientSampled :

Tot Ion: 98 Resp: 380497

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 22.368 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX008931.D

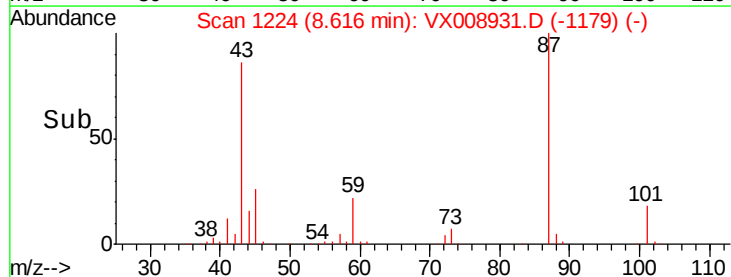
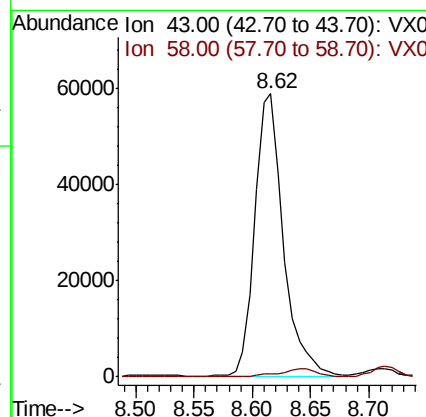
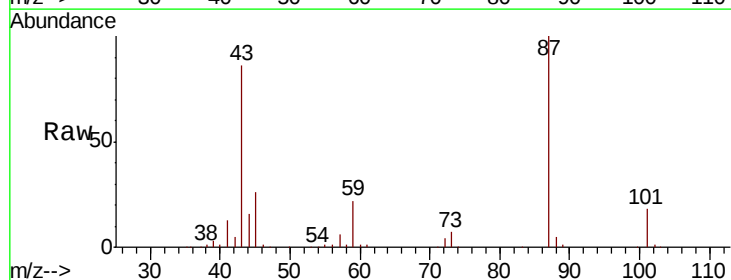
Acq: 13 Apr 2019 14:59

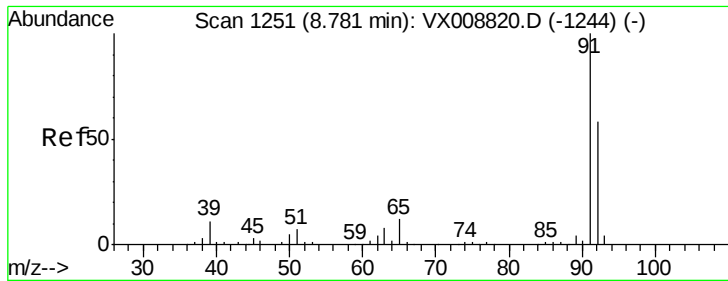
Tgt Ion: 43 Resp: 100452

Ion Ratio Lower Upper

43 100

58 0.0 29.5 44.3#





#52

Toluene

Concen: 0.459 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

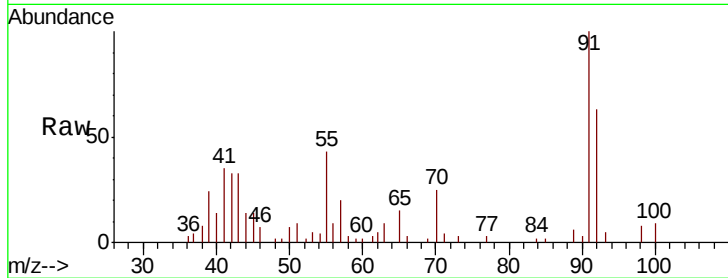
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 92 Resp: 2691

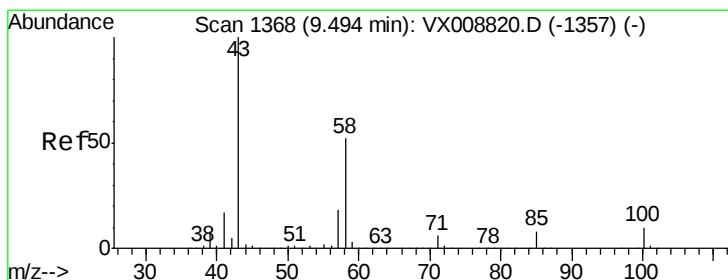
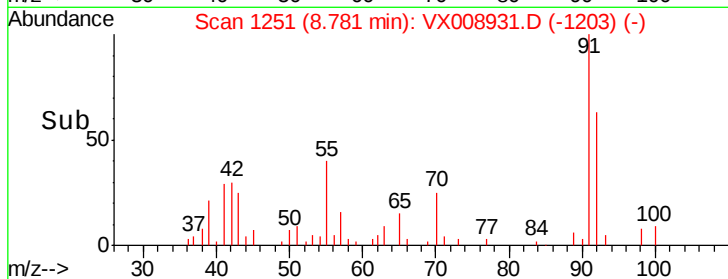
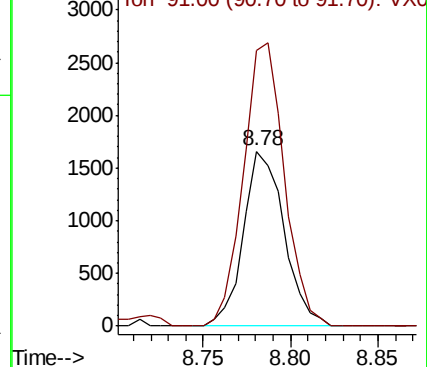
Ion Ratio Lower Upper

92 100

91 162.4 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.484 ug/l

RT: 9.50 min Scan# 1369

Delta R.T. 0.01 min

Lab File: VX008931.D

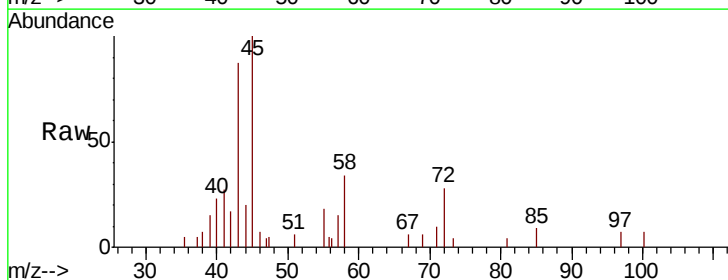
Acq: 13 Apr 2019 14:59

Tgt Ion: 43 Resp: 1690

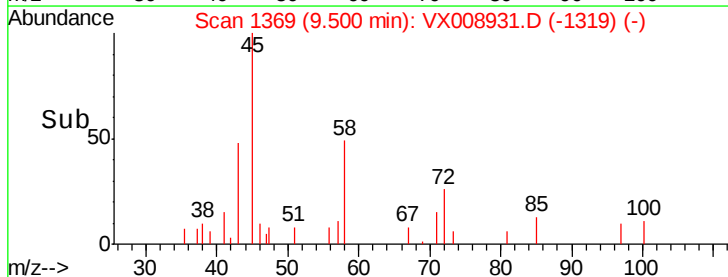
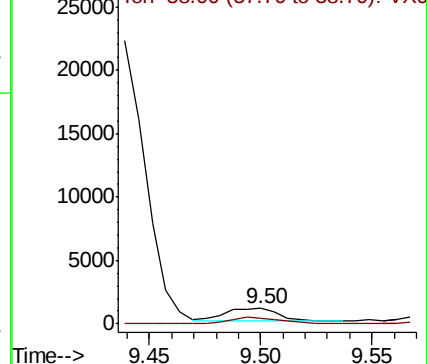
Ion Ratio Lower Upper

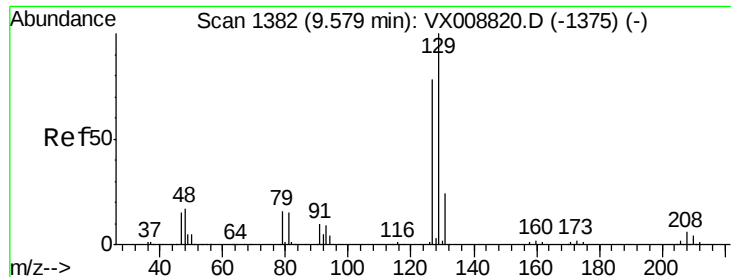
43 100

58 55.1 25.9 77.7



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

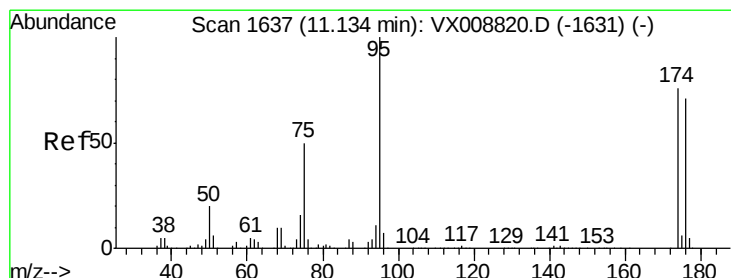
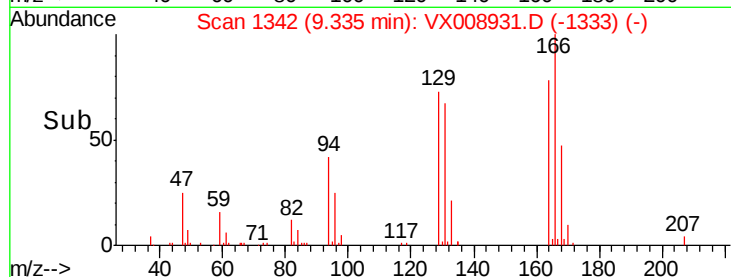
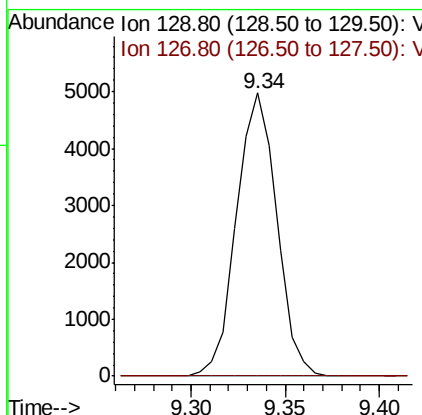
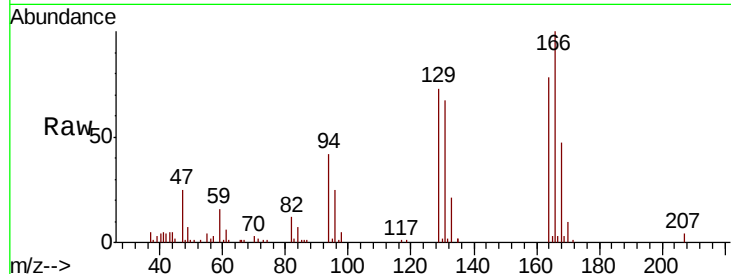




#60
 Dibromochloromethane
 Concen: 3.328 ug/l
 RT: 9.34 min Scan# 1342
 Delta R.T. -0.24 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

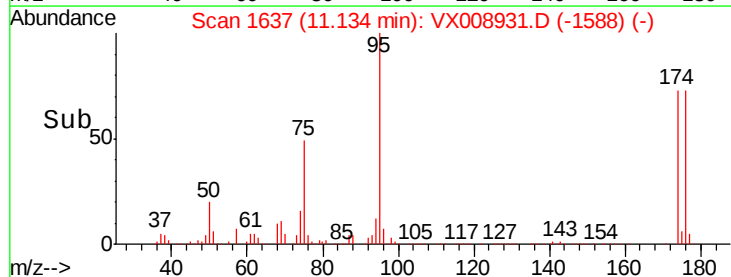
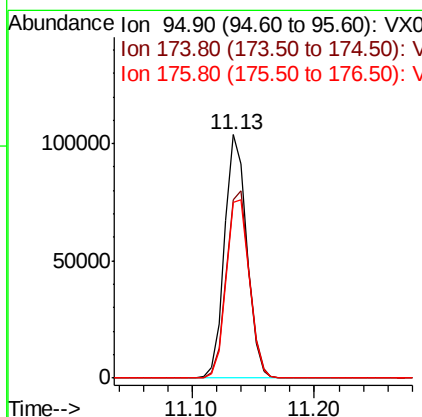
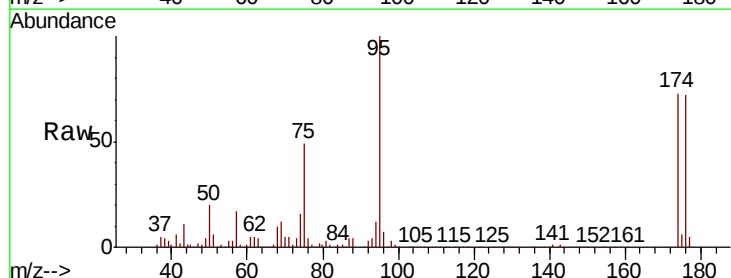
Instrument :
 MSVOA_X
 ClientSampled :

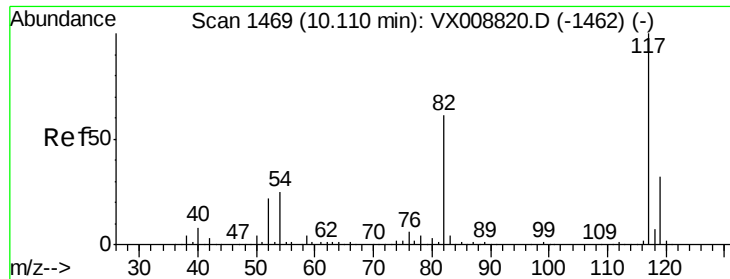
Tot Ion:129 Resp: 7377
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.5 115.3#



#62
 4-Bromofluorobenzene
 Concen: 47.276 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

Tgt Ion: 95 Resp: 130268
 Ion Ratio Lower Upper
 95 100
 174 79.2 0.0 151.8
 176 76.3 0.0 145.8

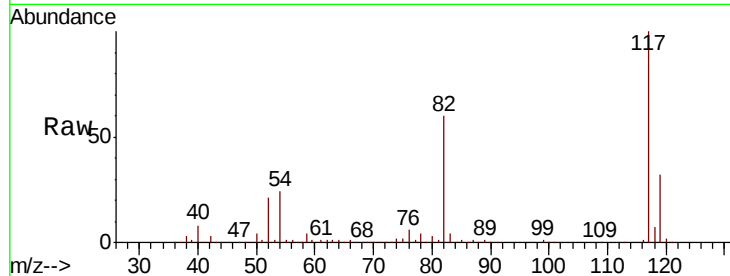




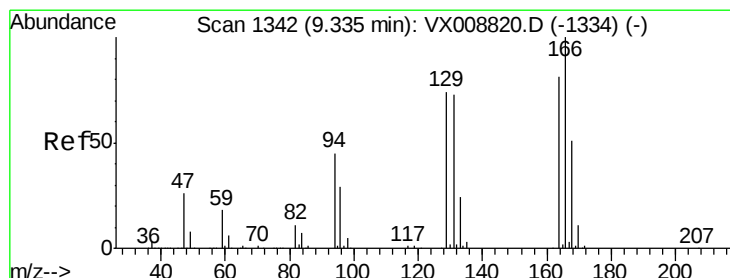
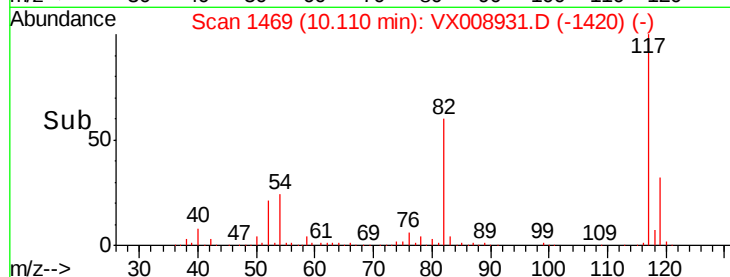
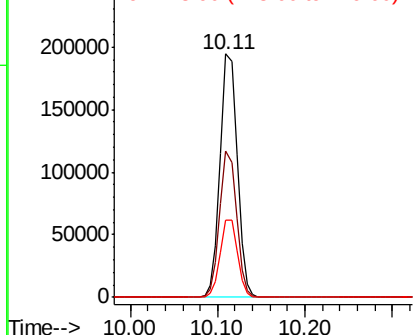
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 265075
Ion Ratio Lower Upper
117 100
82 59.9 49.6 74.4
119 31.5 25.0 37.4

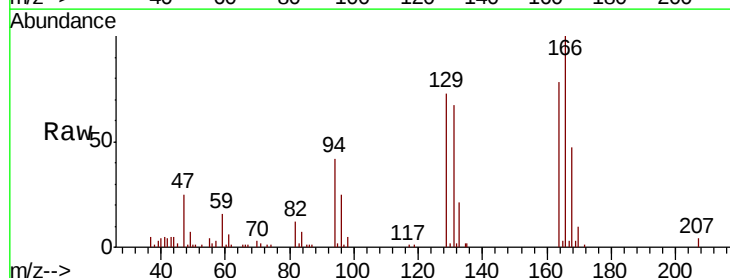


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

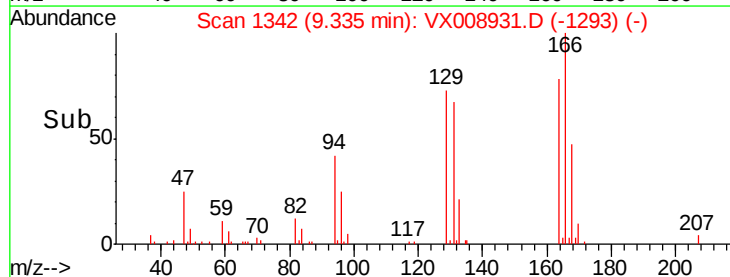
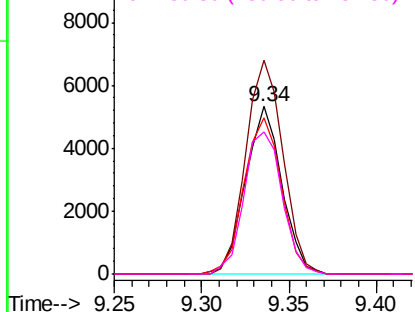


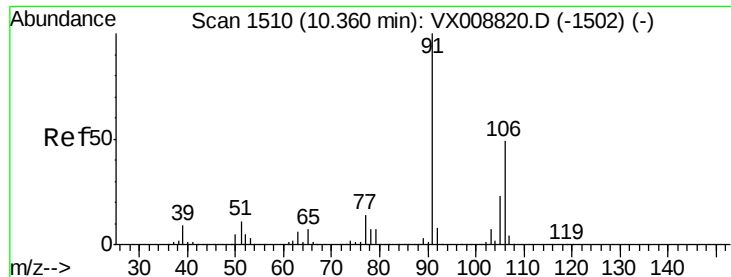
#64
Tetrachloroethene
Concen: 3.916 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion:164 Resp: 7691
Ion Ratio Lower Upper
164 100
166 127.5 101.0 151.6
129 93.4 75.8 113.8
131 85.0 71.8 107.8



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

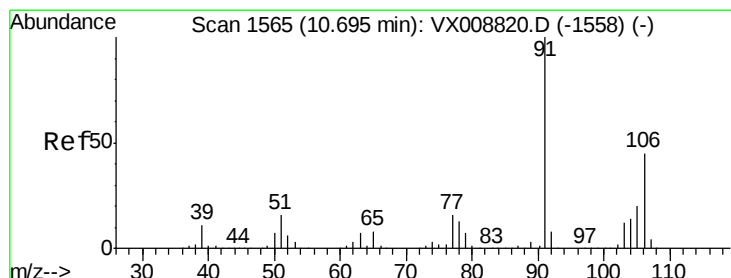
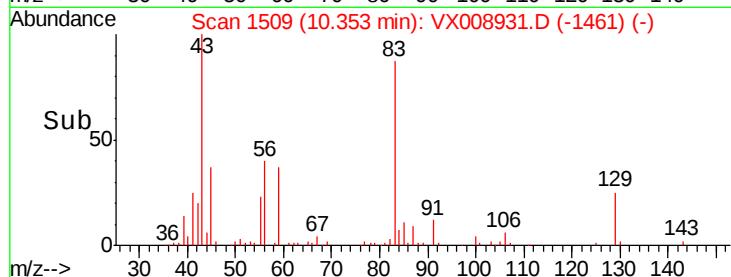
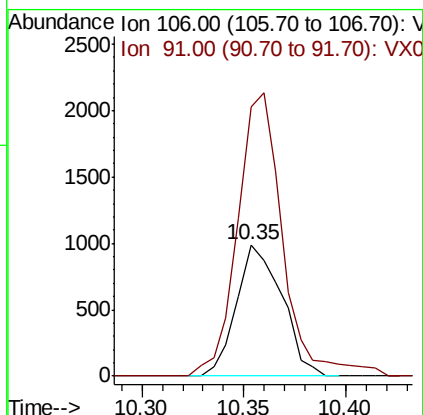
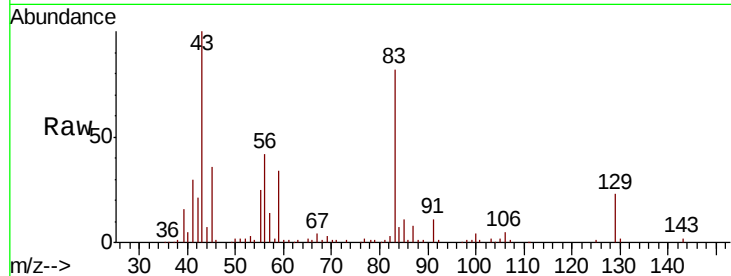




#68
m/p-Xylenes
Concen: 0.388 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

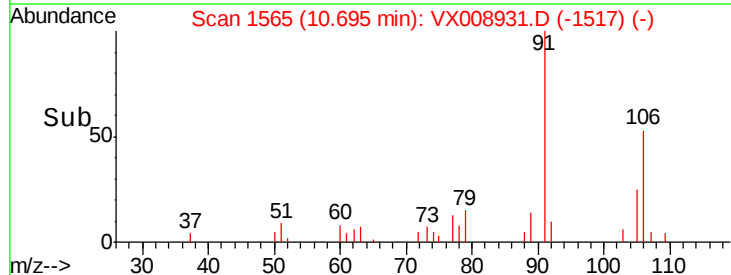
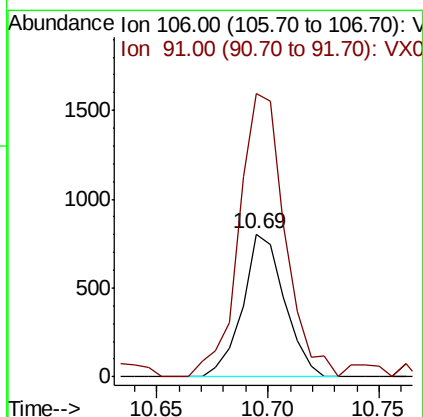
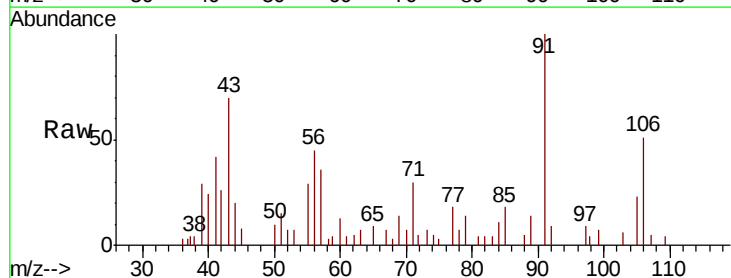
Instrument :
MSVOA_X
ClientSampled :

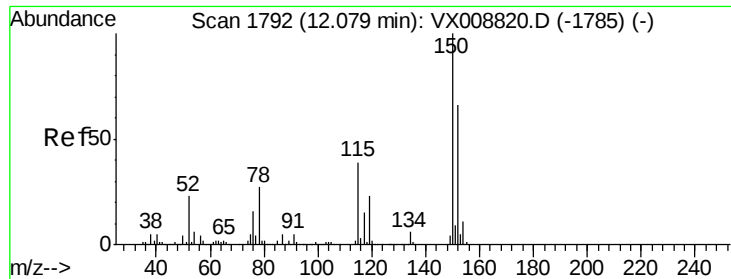
Tot Ion:106 Resp: 1528
Ion Ratio Lower Upper
106 100
91 215.6 168.5 252.7



#69
o-Xylene
Concen: 0.276 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion:106 Resp: 1052
Ion Ratio Lower Upper
106 100
91 218.3 111.5 334.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

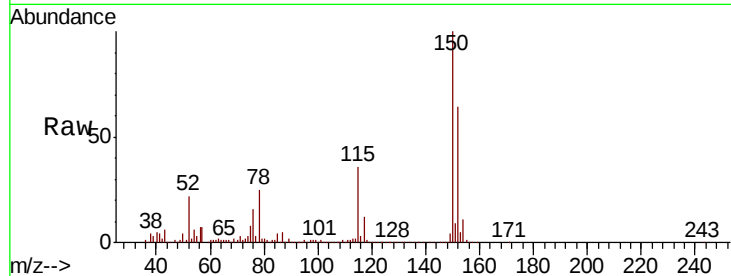
Tot Ion:152 Resp: 115905

Ion Ratio Lower Upper

152 100

115 59.1 43.5 130.5

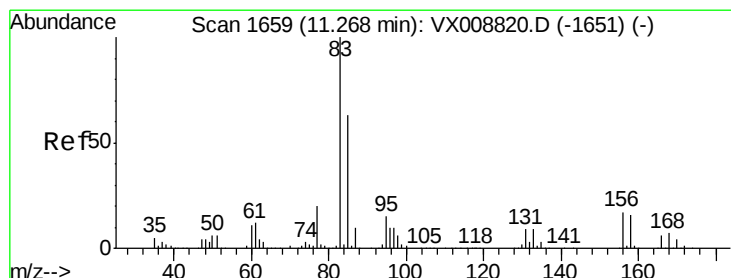
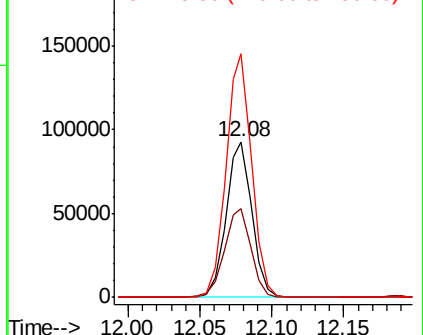
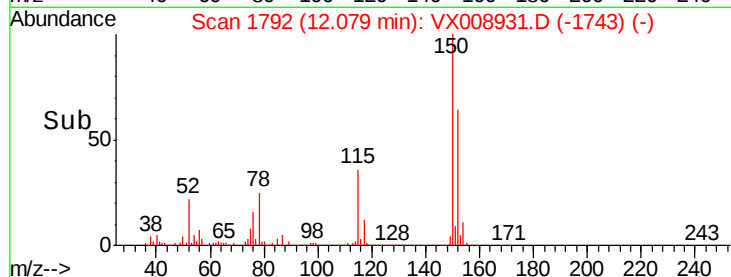
150 156.4 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#75

1,1,2,2-Tetrachloroethane

Concen: 0.626 ug/l

RT: 11.27 min Scan# 1660

Delta R.T. 0.01 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

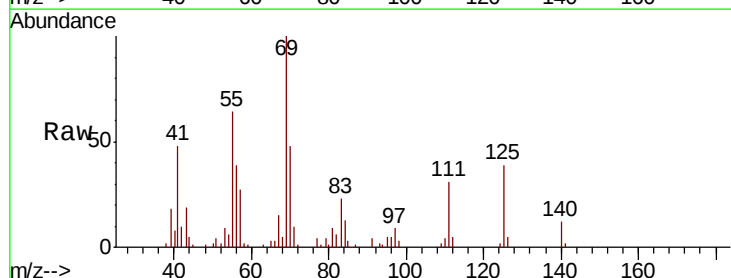
Tgt Ion: 83 Resp: 2287

Ion Ratio Lower Upper

83 100

131 0.0 4.5 13.7#

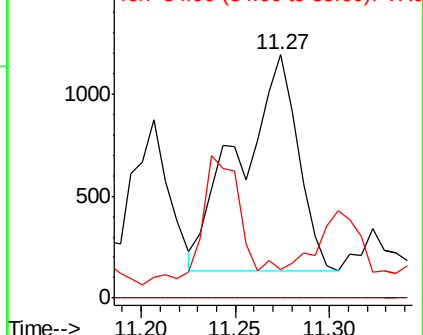
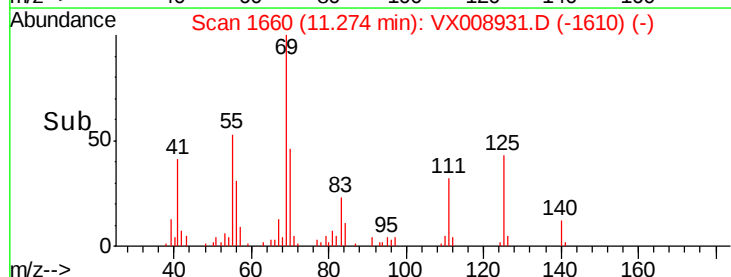
85 0.0 32.0 96.2#

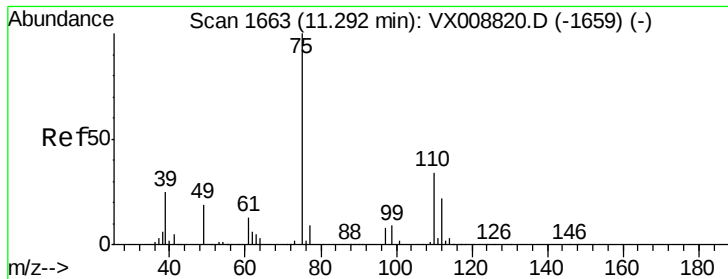


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0

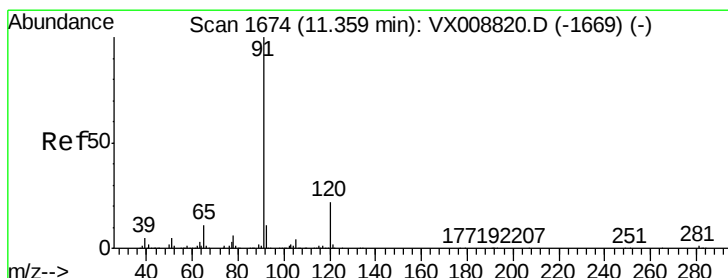
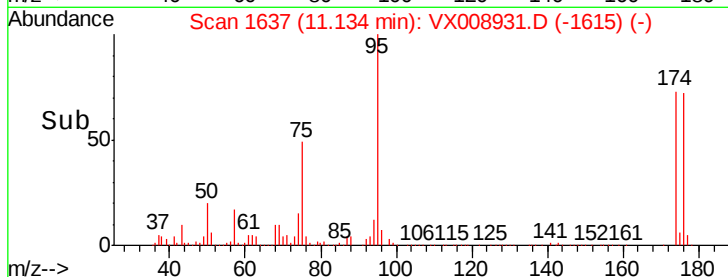
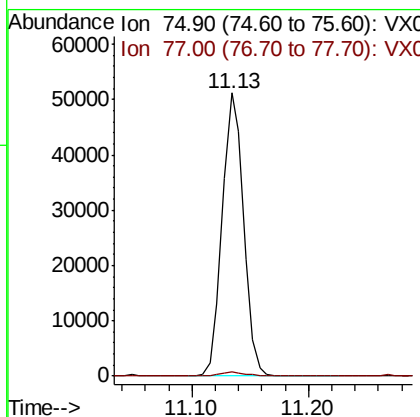
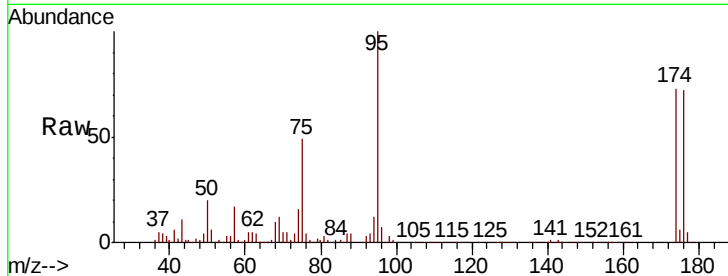




#76
 1,2,3-Trichloropropane
 Concen: 20.362 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

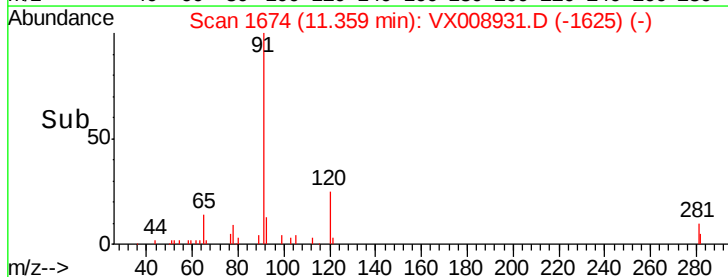
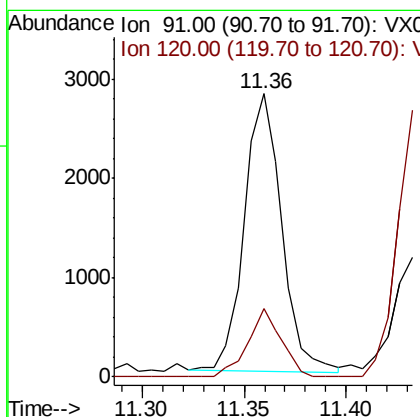
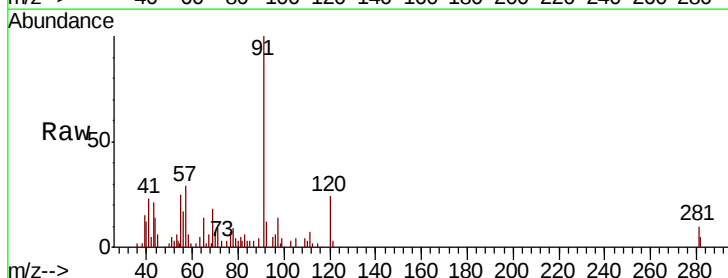
Instrument :
 MSVOA_X
 ClientSampleId :

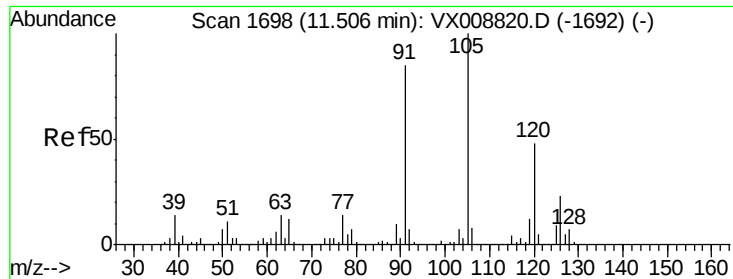
Tot Ion: 75 Resp: 64832
 Ion Ratio Lower Upper
 75 100
 77 1.7 22.3 66.8#



#78
 n-propylbenzene
 Concen: 0.318 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

Tgt Ion: 91 Resp: 3552
 Ion Ratio Lower Upper
 91 100
 120 22.0 10.9 32.7

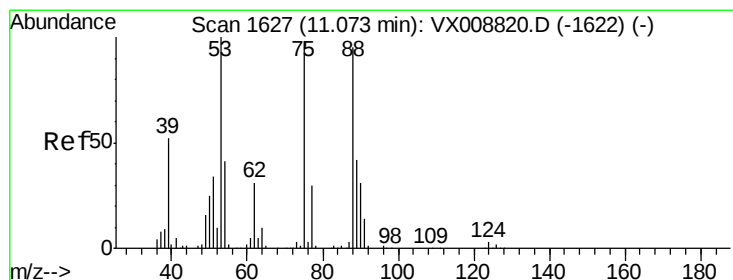
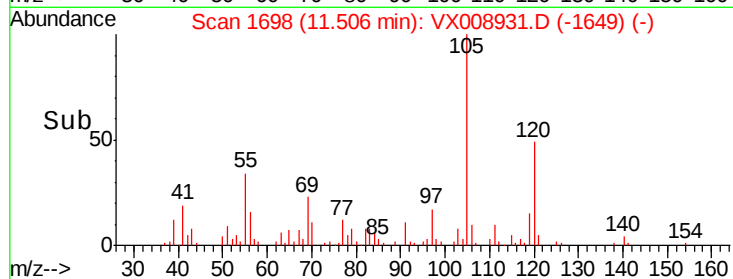
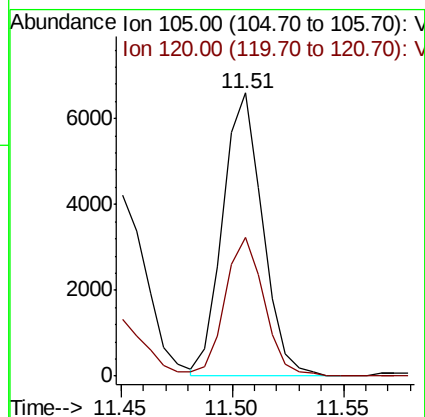
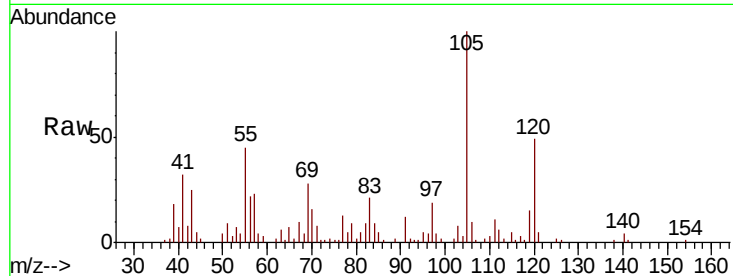




#80
 1,3,5-Trimethylbenzene
 Concen: 1.019 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

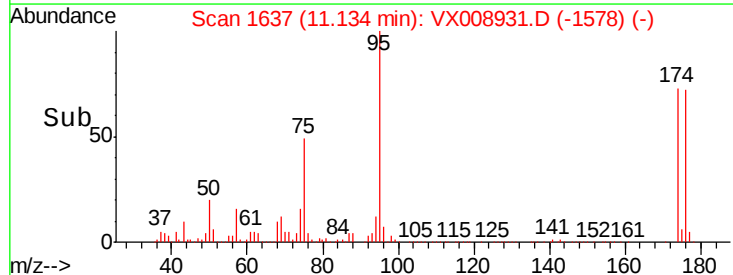
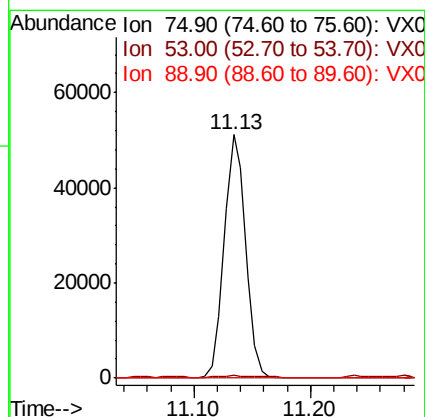
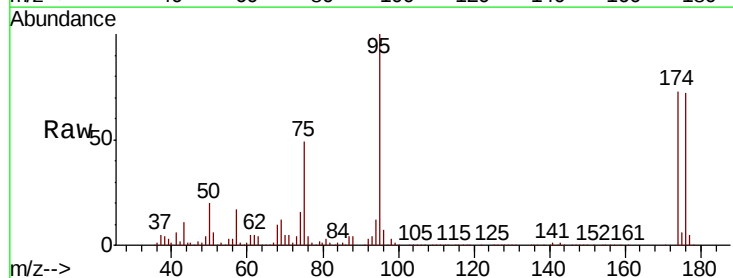
Instrument :
 MSVOA_X
 ClientSampleId :

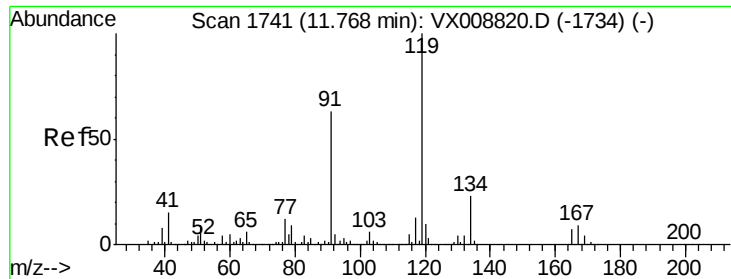
Tot Ion:105 Resp: 8218
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.128 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008931.D
 Acq: 13 Apr 2019 14:59

Tgt Ion: 75 Resp: 64832
 Ion Ratio Lower Upper
 75 100
 53 0.7 81.3 121.9#
 89 0.0 35.6 53.4#

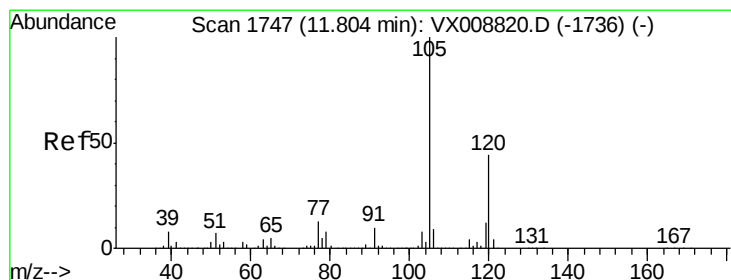
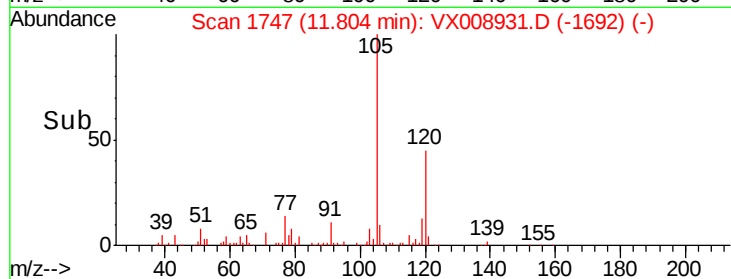
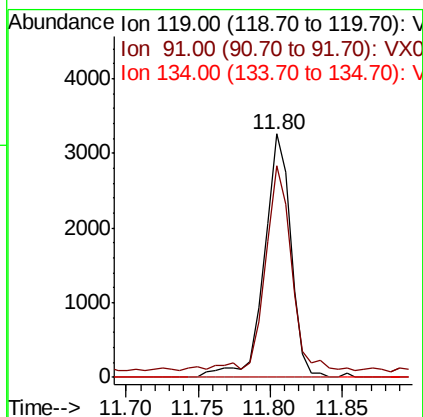
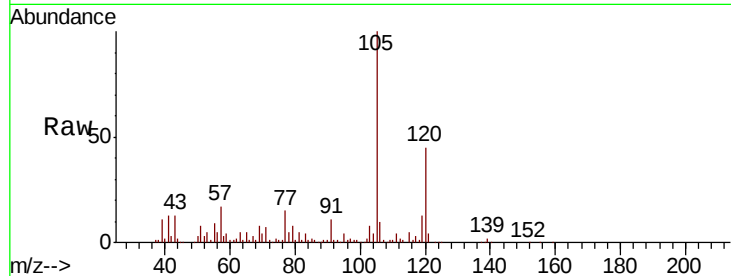




#83
tert-Butylbenzene
Concen: 0.534 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.04 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

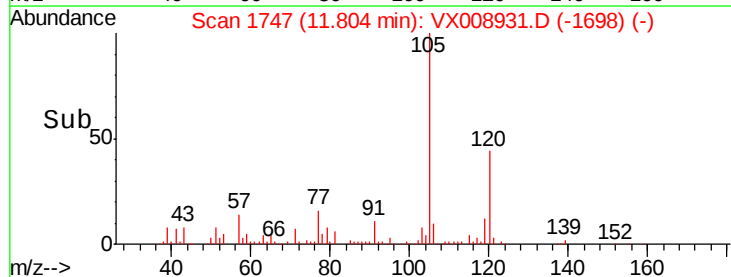
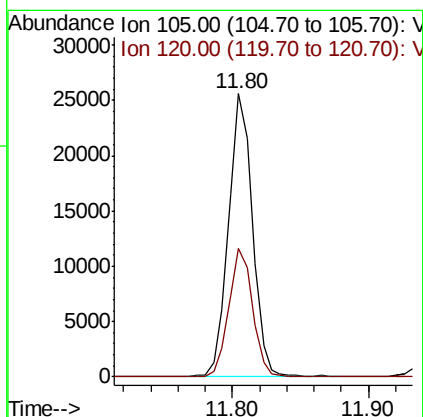
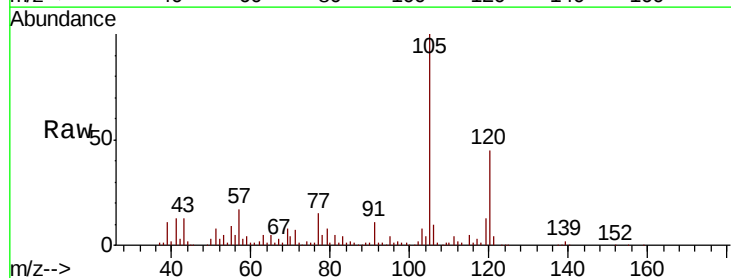
Instrument :
MSVOA_X
ClientSampleId :

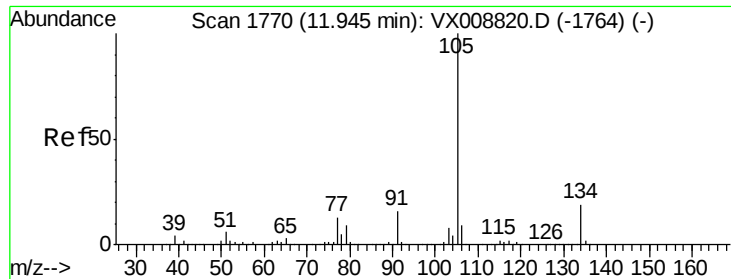
Tot Ion:119 Resp: 4139
Ion Ratio Lower Upper
119 100
91 80.5 30.0 90.1
134 0.0 11.1 33.3#



#84
1,2,4-Trimethylbenzene
Concen: 3.836 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion:105 Resp: 31319
Ion Ratio Lower Upper
105 100
120 45.0 21.8 65.3





#85

sec-Butylbenzene

Concen: 0.319 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

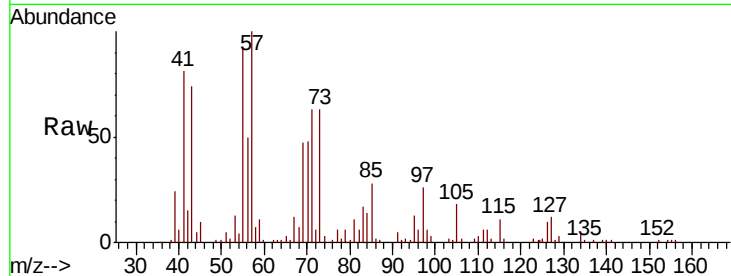
ClientSampled :

Tot Ion:105 Resp: 2939

Ion Ratio Lower Upper

105 100

134 29.8 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

2500

2000

1500

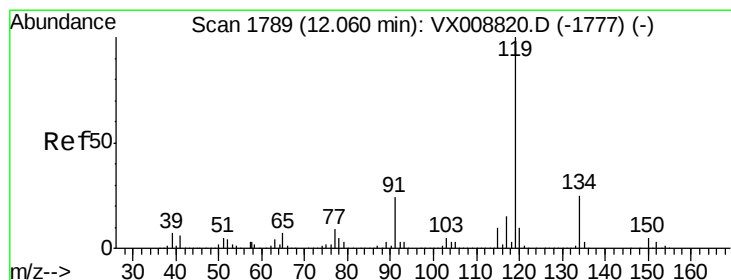
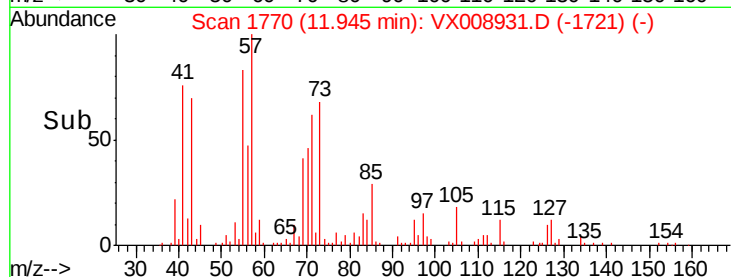
1000

500

0

Time-->

11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 0.546 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.04 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

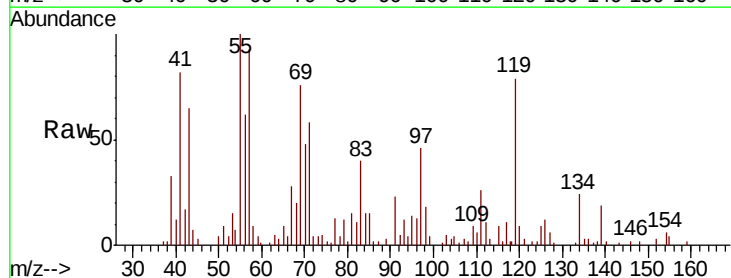
Tgt Ion:119 Resp: 4512

Ion Ratio Lower Upper

119 100

134 28.2 12.8 38.4

91 23.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

5000

4000

3000

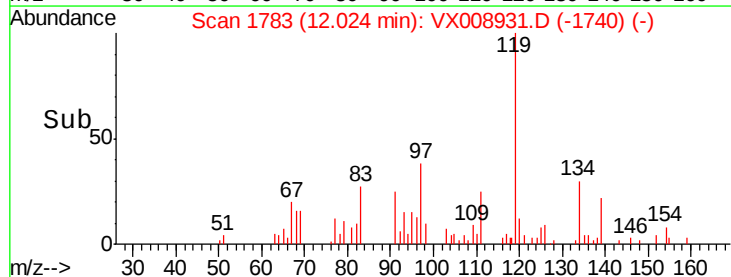
2000

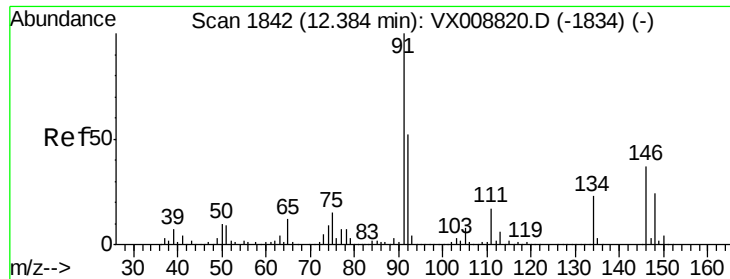
1000

0

Time-->

12.00 12.05

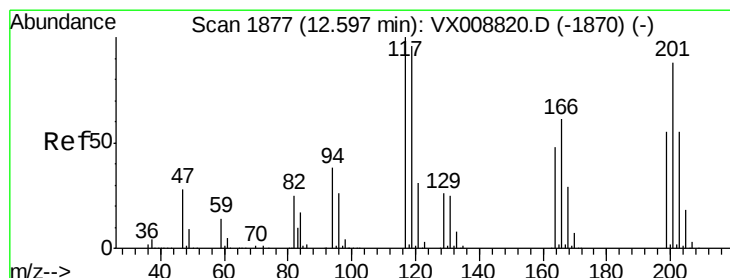
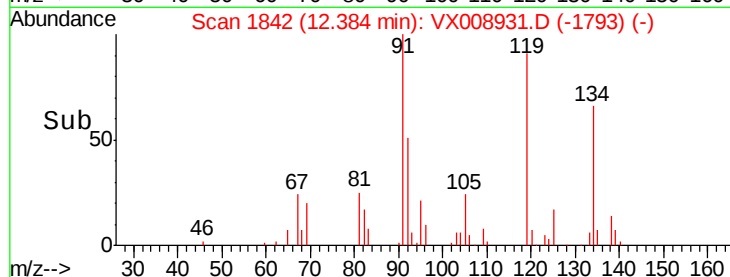
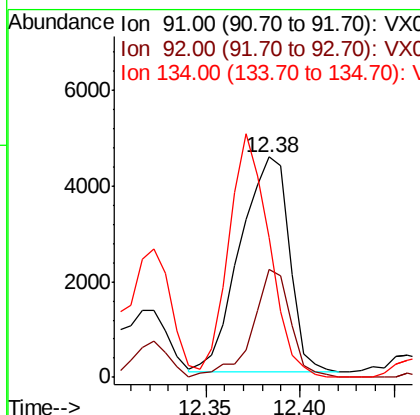
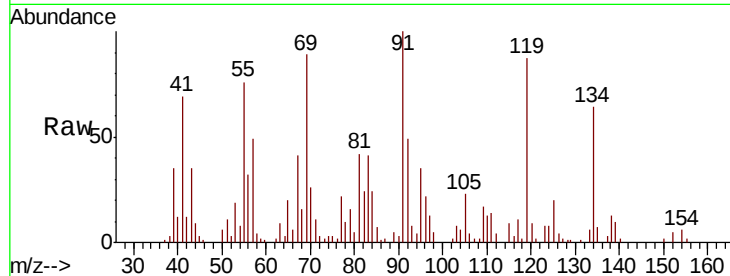




#89
n-Butylbenzene
Concen: 1.052 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

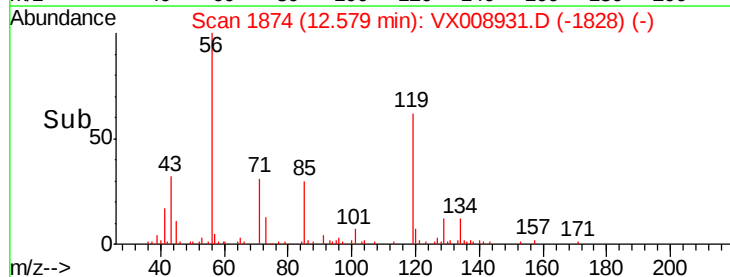
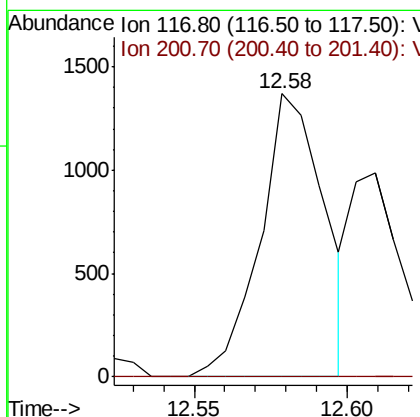
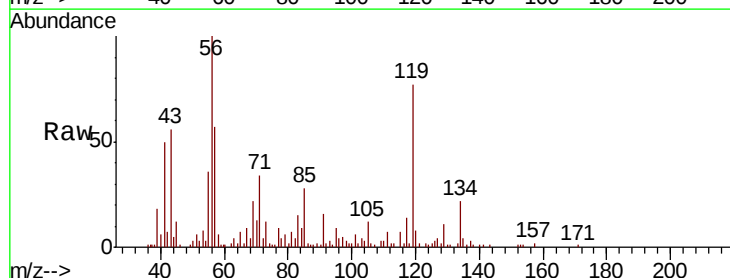
Instrument :
MSVOA_X
ClientSampleId :

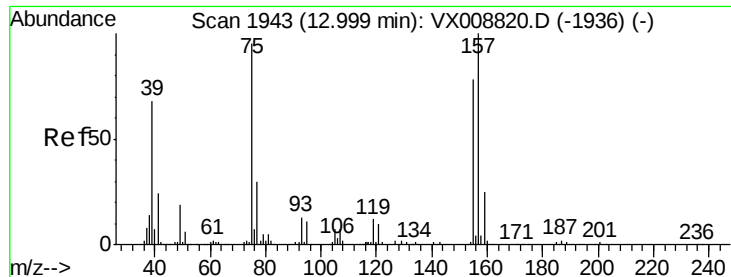
Tot Ion: 91 Resp: 8158
Ion Ratio Lower Upper
91 100
92 38.6 26.4 79.2
134 92.9 12.0 36.0#



#90
Hexachloroethane
Concen: 1.449 ug/l
RT: 12.58 min Scan# 1874
Delta R.T. -0.02 min
Lab File: VX008931.D
Acq: 13 Apr 2019 14:59

Tgt Ion: 117 Resp: 1988
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.385 ug/l

RT: 12.97 min Scan# 1939

Delta R.T. -0.02 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

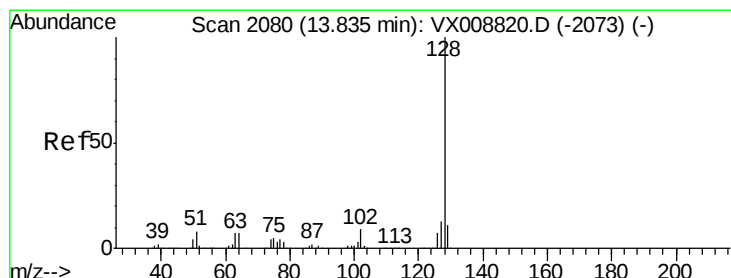
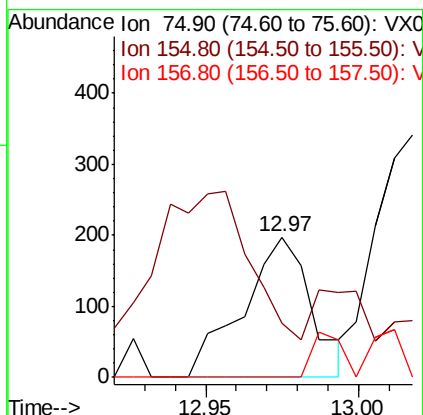
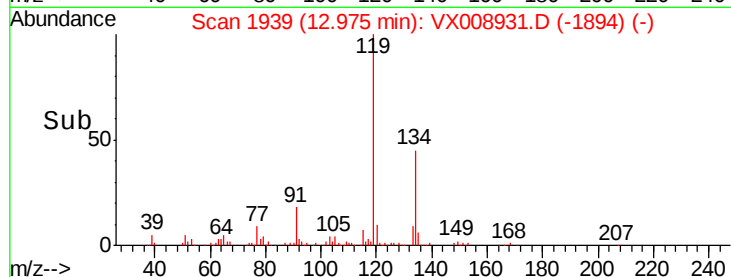
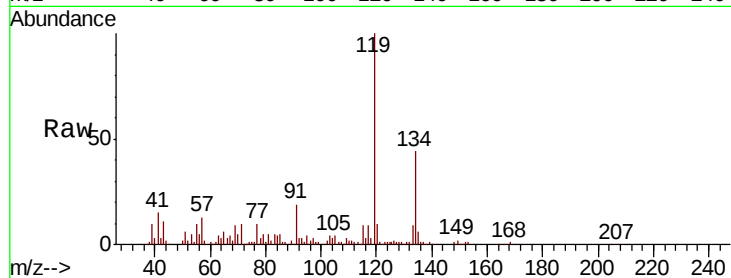
Tot Ion: 75 Resp: 309

Ion Ratio Lower Upper

75 100

155 49.2 39.9 119.6

157 13.9 51.5 154.7#



#95

Naphthalene

Concen: 5.500 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008931.D

Acq: 13 Apr 2019 14:59

Tgt Ion: 128 Resp: 52462

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 11.7 8.6 13.0

