

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
 Data File : VX009986.D
 Acq On : 31 May 2019 15:37
 Operator : JC/SP
 Sample : K2964-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: May 31 16:08:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	188598	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277510	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	124950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	127682	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.50	113	91953	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
50) Toluene-d8	8.71	98	389390	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	11.13	95	137658	49.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.40%	

Target Compounds

					Qvalue	
3) Chloromethane	1.32	50	1148	0.371	ug/l	97
5) Bromomethane	1.64	94	447	0.264	ug/l #	42
10) Methyl Iodide	2.52	142	328	4.786	ug/l #	81
11) Tert butyl alcohol	3.04	59	64588	98.512	ug/l	99
13) Acrolein	2.30	56	2193	25.418	ug/l	96
16) Acetone	2.44	43	103440	67.201	ug/l	99
17) Carbon Disulfide	2.57	76	3173	0.929	ug/l #	69
18) Methyl Acetate	2.77	43	128774	35.954	ug/l	98
20) Methylene Chloride	2.85	84	21729	9.218	ug/l	98
23) Vinyl Acetate	3.91	43	27288	3.439	ug/l #	77
25) 2-Butanone	4.67	43	48739	20.324	ug/l	99
29) Tetrahydrofuran	4.96	42	18044	11.733	ug/l #	39
37) Ethyl Acetate	4.85	43	9174	2.127	ug/l #	71
38) Carbon Tetrachloride	5.66	117	17624	6.588	ug/l #	15
40) Benzene	6.14	78	6571	0.715	ug/l	98
41) Methacrylonitrile	5.13	41	921	0.365	ug/l #	81
43) Isopropyl Acetate	6.46	43	2151	0.309	ug/l #	67
48) Methyl methacrylate	7.65	41	9160	2.658	ug/l #	47
49) 1,4-Dioxane	7.74	88	1342	20.938	ug/l #	72
51) 4-Methyl-2-Pentanone	8.61	43	14836	3.277	ug/l #	39
52) Toluene	8.78	92	388291	69.635	ug/l	98
59) 2-Hexanone	9.49	43	1465	0.420	ug/l	82
66) 1,1,1,2-Tetrachloroethane	10.37	131	782	0.388	ug/l #	8
67) Ethyl Benzene	10.25	91	10483	1.005	ug/l	96
68) m/p-Xylenes	10.36	106	20467	5.311	ug/l	98
69) o-Xylene	10.69	106	7999	2.164	ug/l	96
70) Styrene	10.71	104	1889	0.291	ug/l #	32
74) N-amyl acetate	10.90	43	1759	0.319	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.33	83	992	0.288	ug/l #	92
76) 1,2,3-Trichloropropane	11.13	75	71458	23.915	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2545	0.328	ug/l	91
81) trans-1,4-Dichloro-2-buten	11.13	75	71458	59.171	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	11236	1.425	ug/l	90
86) p-Isopropyltoluene	12.06	119	7895	0.993	ug/l #	76

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QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

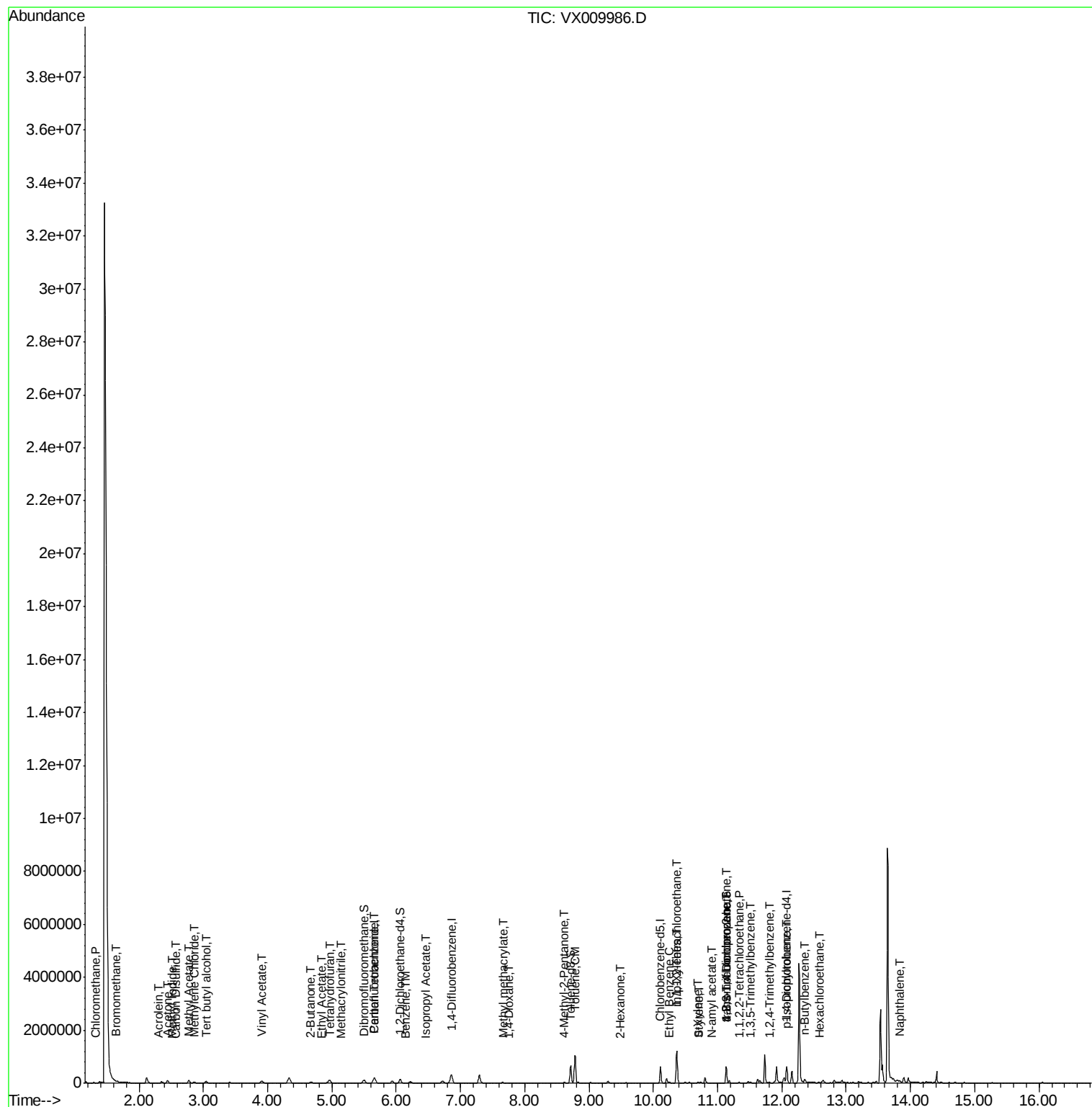
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	12.37	91	1540	0.206	ug/l #	41
90) Hexachloroethane	12.59	117	651	0.477	ug/l #	6
95) Naphthalene	13.83	128	21145	2.306	ug/l	96

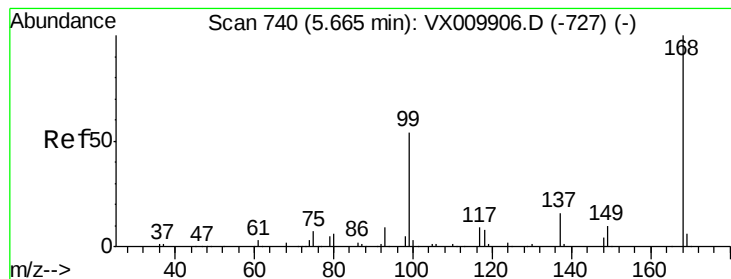
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

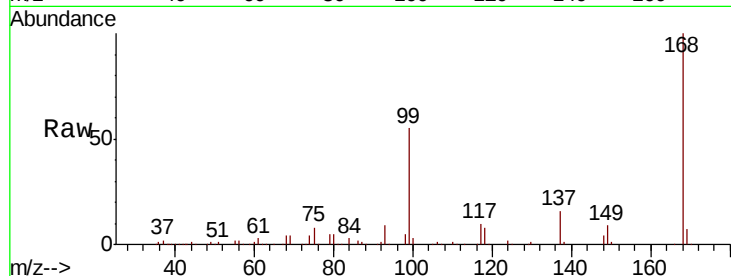
COMP-3

Tgt Ion:168 Resp: 188598

Ion Ratio Lower Upper

168 100

99 54.7 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

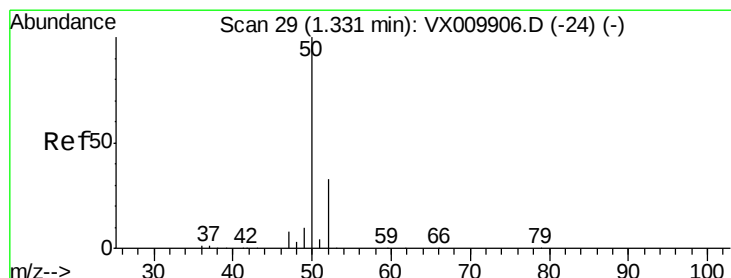
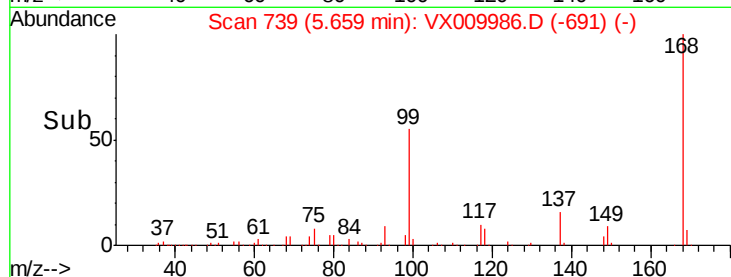
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.371 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009986.D

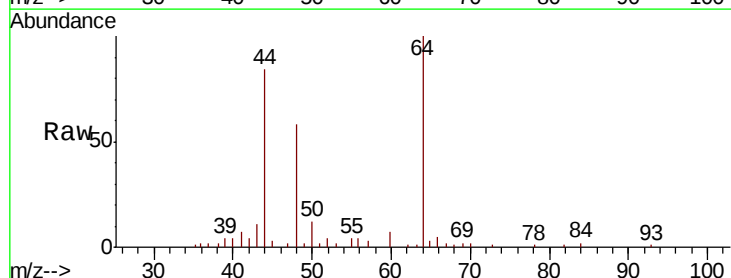
Acq: 31 May 2019 15:37

Tgt Ion: 50 Resp: 1148

Ion Ratio Lower Upper

50 100

52 34.1 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

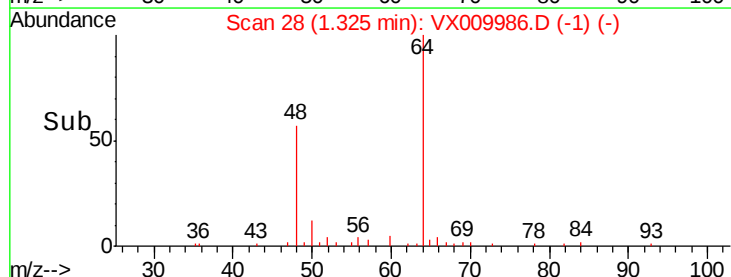
600

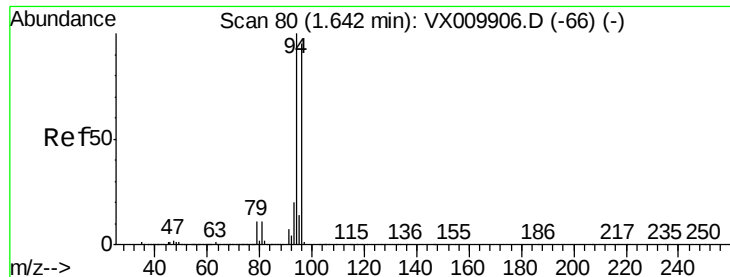
400

200

0

Time--> 1.25 1.30 1.35





#5

Bromomethane

Concen: 0.264 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

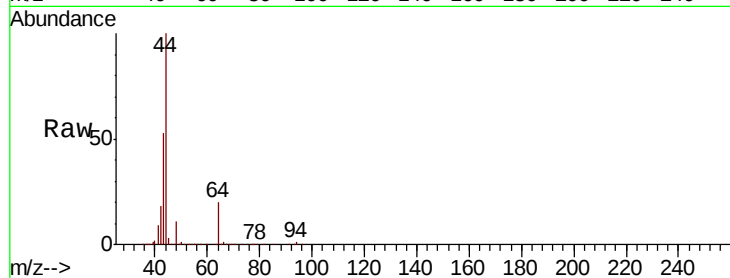
COMP-3

Tgt Ion: 94 Resp: 447

Ion Ratio Lower Upper

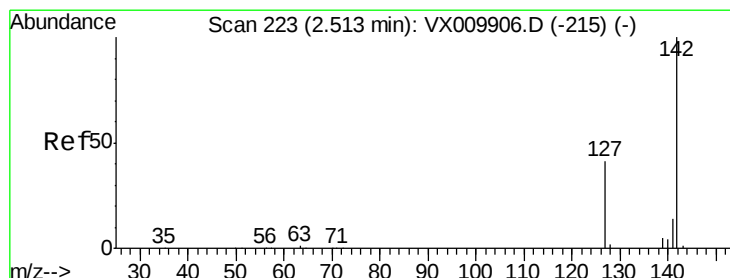
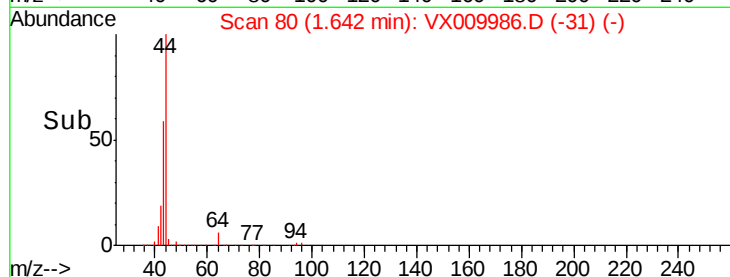
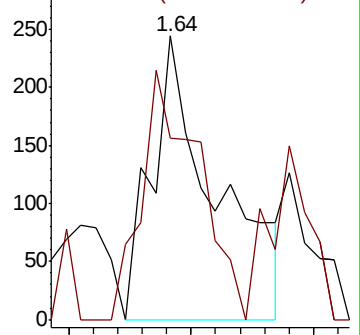
94 100

96 39.3 76.2 114.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#10

Methyl Iodide

Concen: 4.786 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

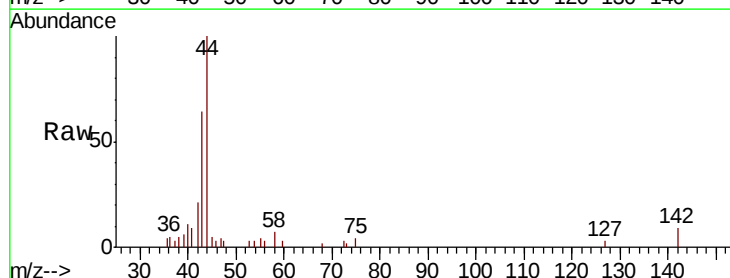
Tgt Ion: 142 Resp: 328

Ion Ratio Lower Upper

142 100

127 32.6 33.0 49.4#

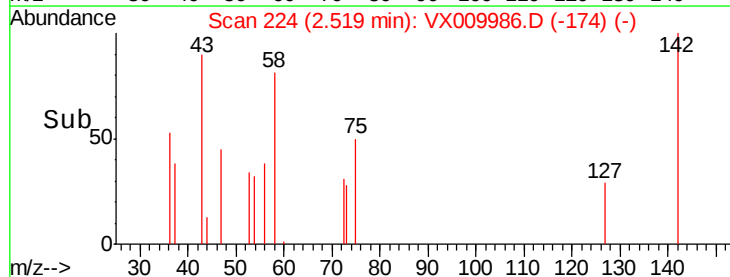
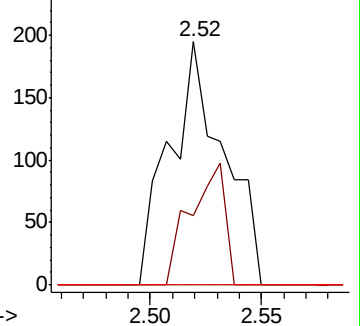
141 0.0 11.4 17.0#

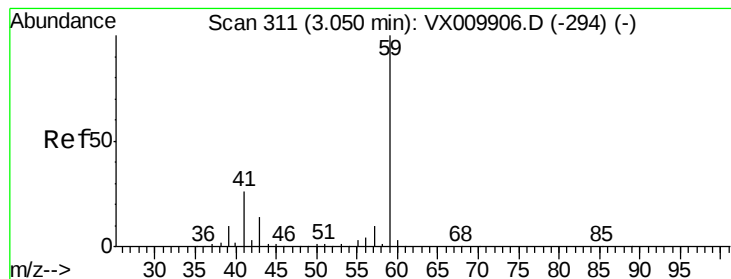


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.512 ug/l

RT: 3.04 min Scan# 310

Delta R.T. -0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

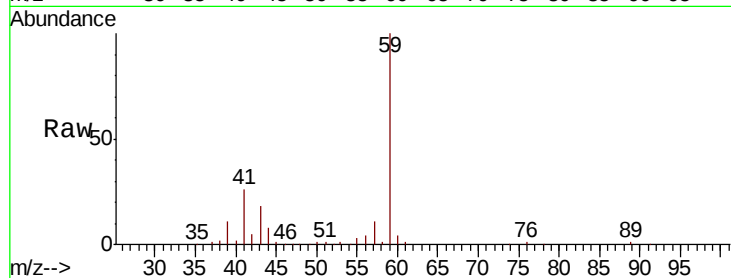
COMP-3

Tgt Ion: 59 Resp: 64588

Ion Ratio Lower Upper

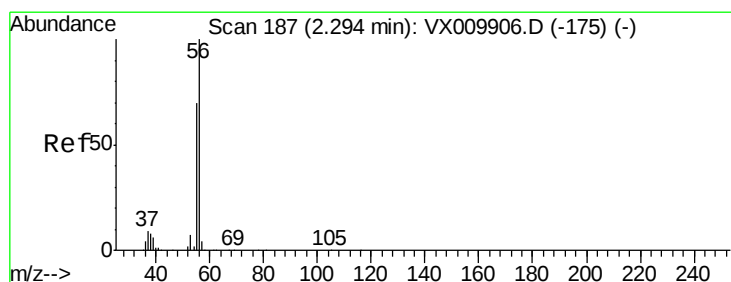
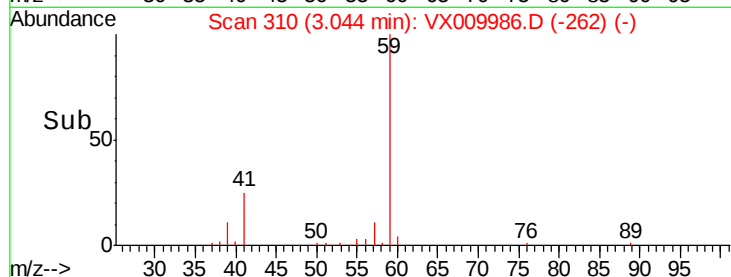
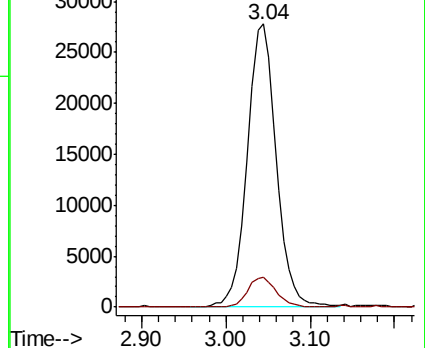
59 100

57 10.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#13

Acrolein

Concen: 25.418 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX009986.D

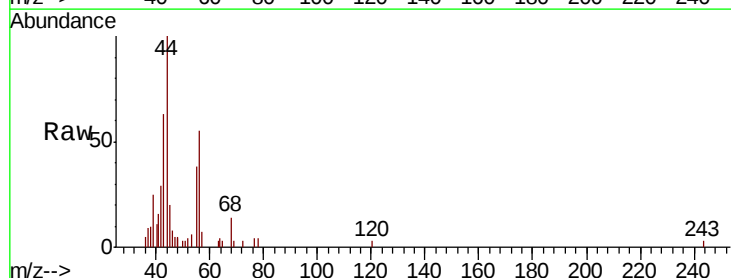
Acq: 31 May 2019 15:37

Tgt Ion: 56 Resp: 2193

Ion Ratio Lower Upper

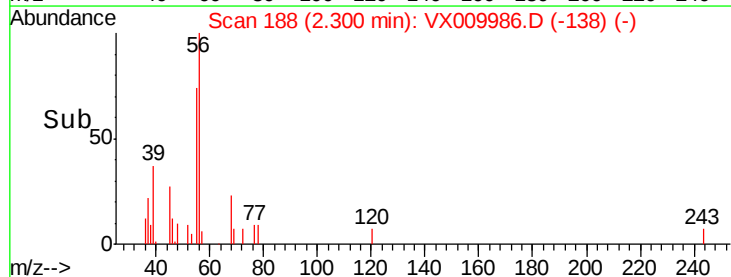
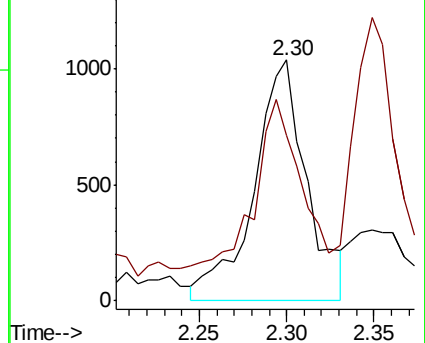
56 100

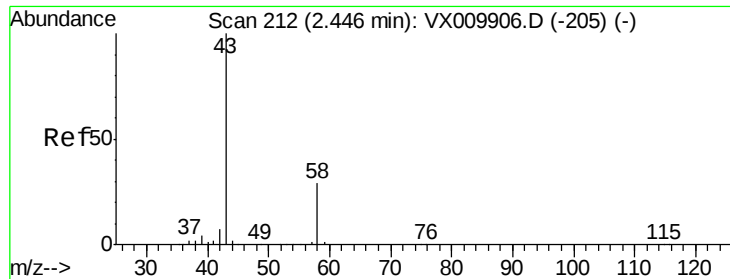
55 68.0 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 67.201 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

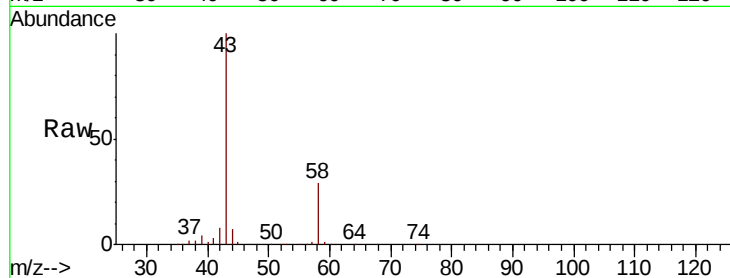
COMP-3

Tgt Ion: 43 Resp: 103440

Ion Ratio Lower Upper

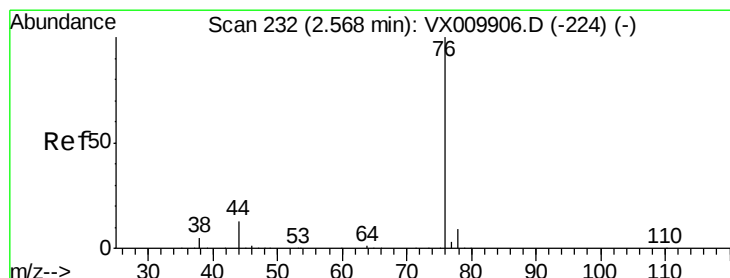
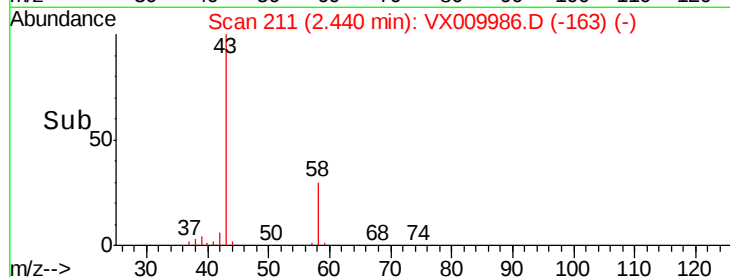
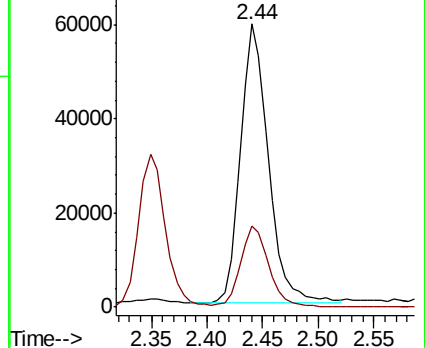
43 100

58 28.7 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.929 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009986.D

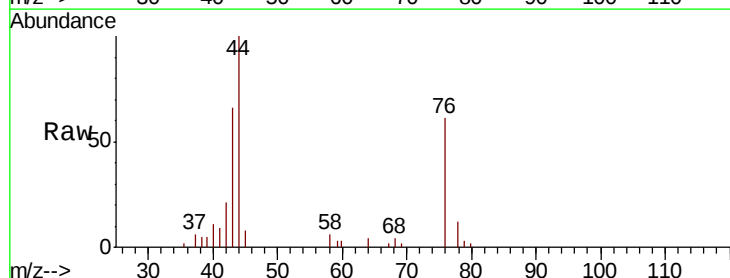
Acq: 31 May 2019 15:37

Tgt Ion: 76 Resp: 3173

Ion Ratio Lower Upper

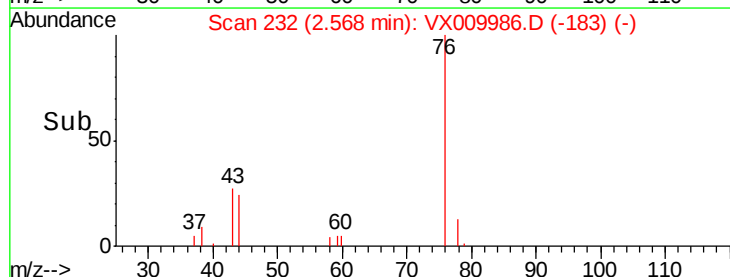
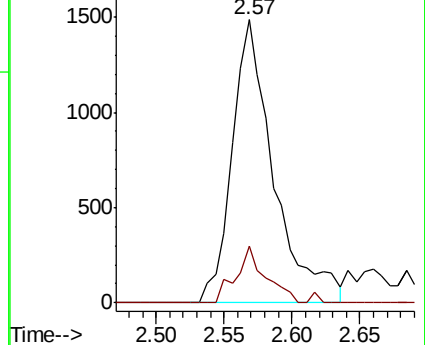
76 100

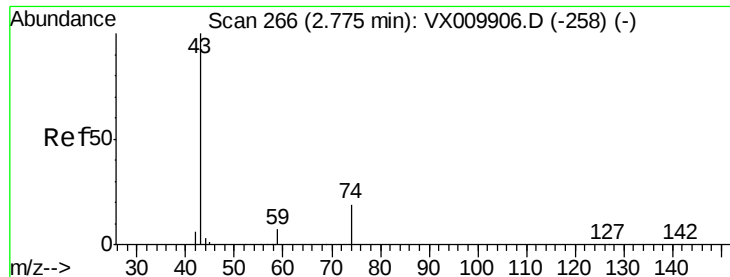
78 20.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

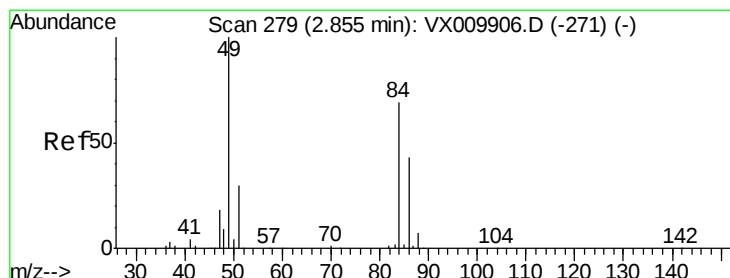
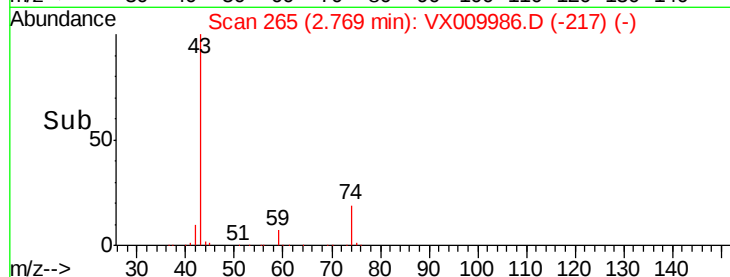
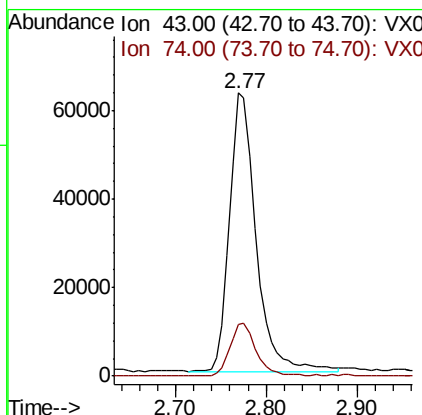
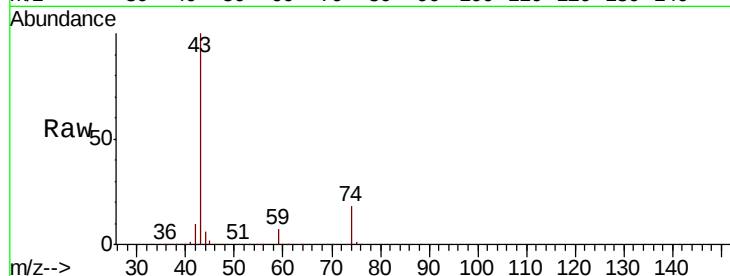




#18
Methyl Acetate
Concen: 35.954 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

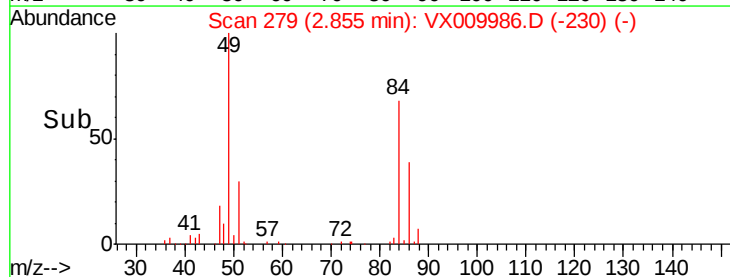
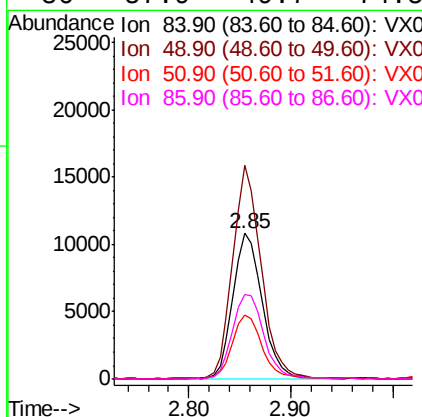
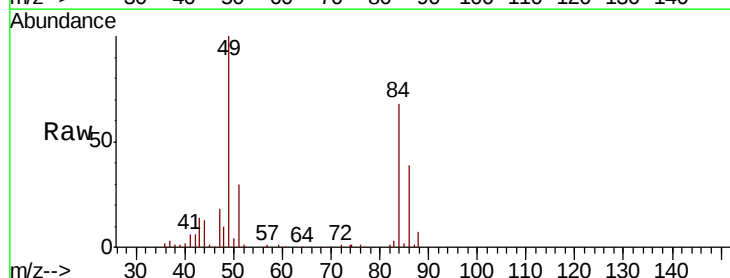
Instrument :
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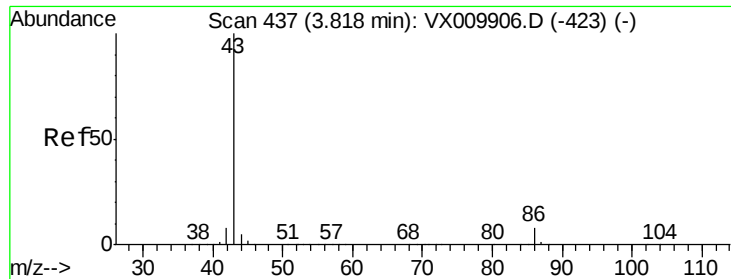
Tgt Ion: 43 Resp: 128774
Ion Ratio Lower Upper
43 100
74 18.6 15.8 23.6



#20
Methylene Chloride
Concen: 9.218 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 84 Resp: 21729
Ion Ratio Lower Upper
84 100
49 146.3 115.8 173.6
51 43.2 34.4 51.6
86 57.9 49.7 74.5





#23

Vinyl Acetate

Concen: 3.439 ug/l

RT: 3.91 min Scan# 452

Delta R.T. 0.09 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

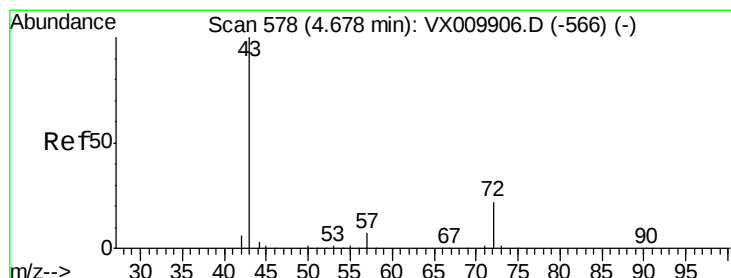
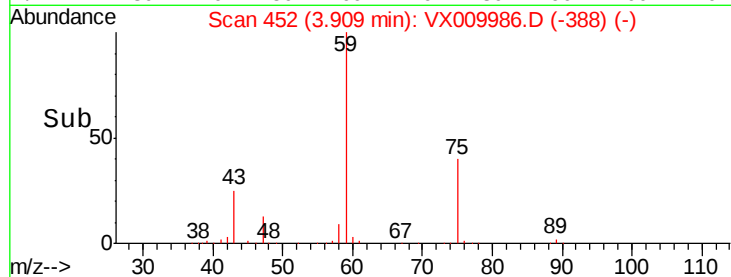
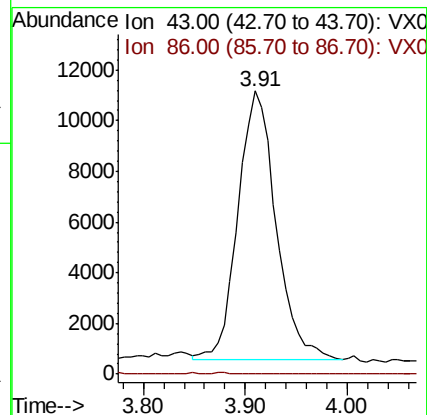
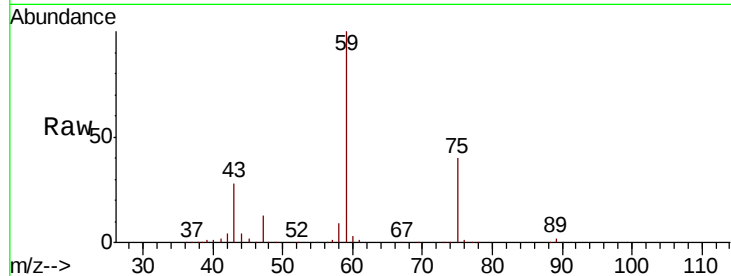
COMP-3

Tgt Ion: 43 Resp: 27288

Ion Ratio Lower Upper

43 100

86 0.0 6.5 9.7#



#25

2-Butanone

Concen: 20.324 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009986.D

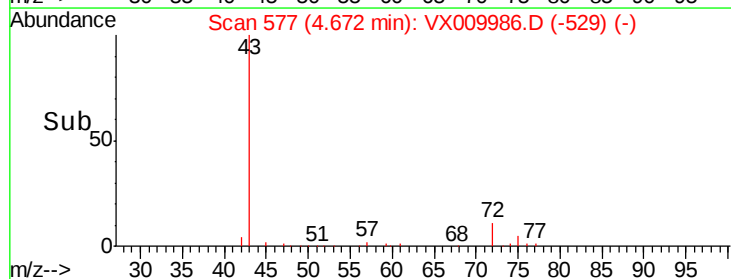
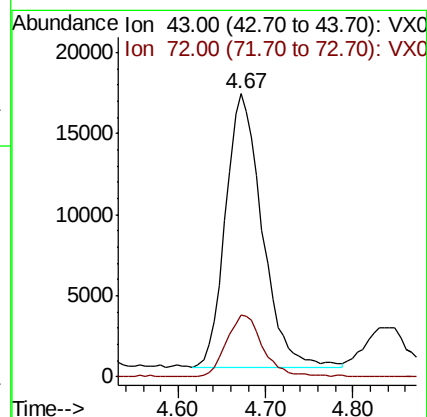
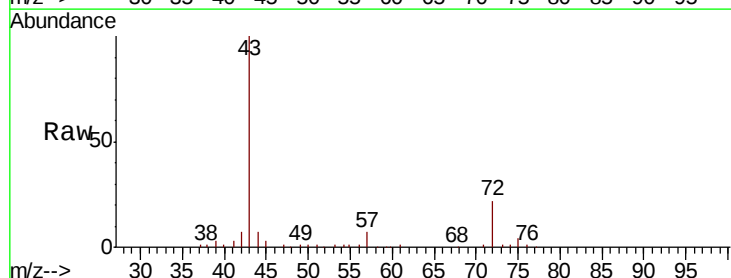
Acq: 31 May 2019 15:37

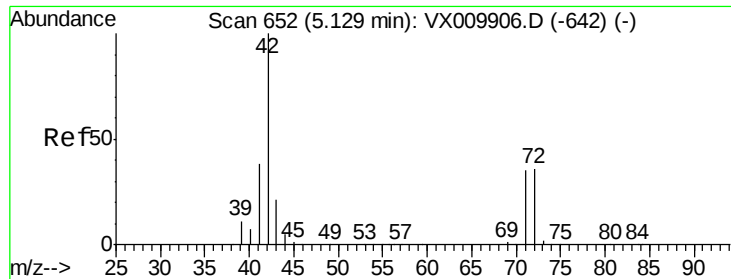
Tgt Ion: 43 Resp: 48739

Ion Ratio Lower Upper

43 100

72 22.5 17.5 26.3

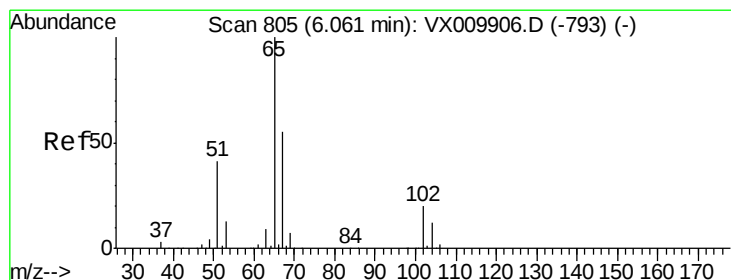
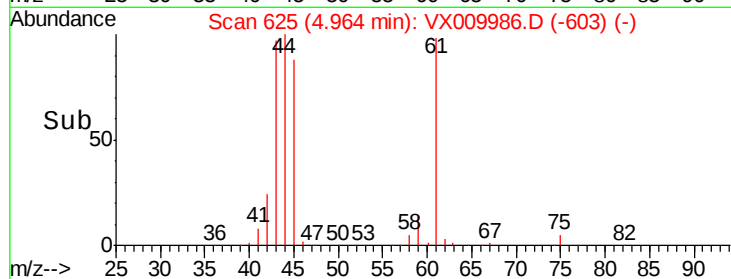
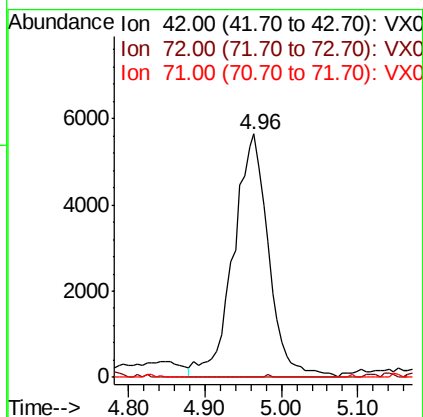
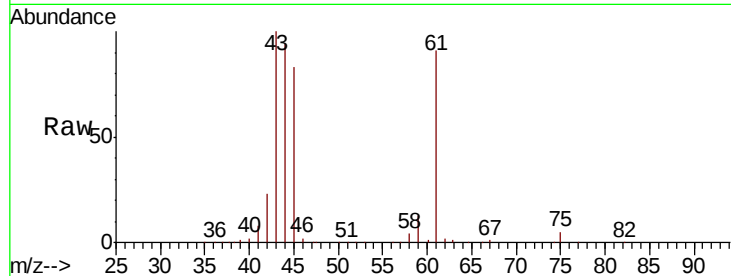




#29
Tetrahydrofuran
Concen: 11.733 ug/l
RT: 4.96 min Scan# 625
Delta R.T. -0.16 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

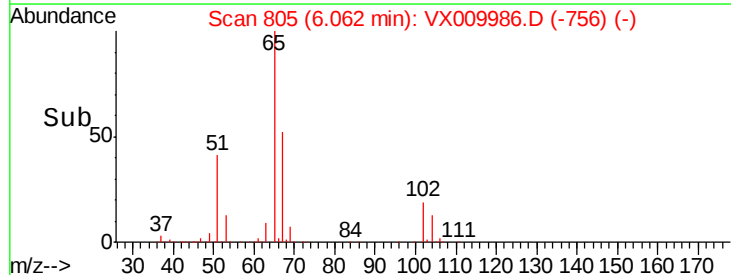
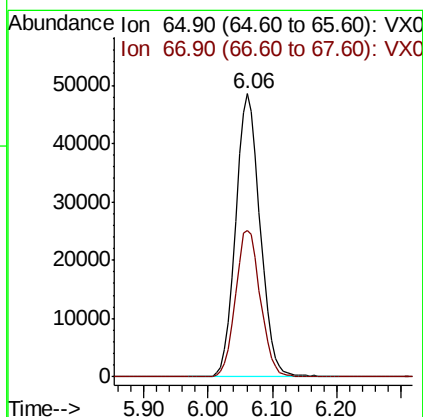
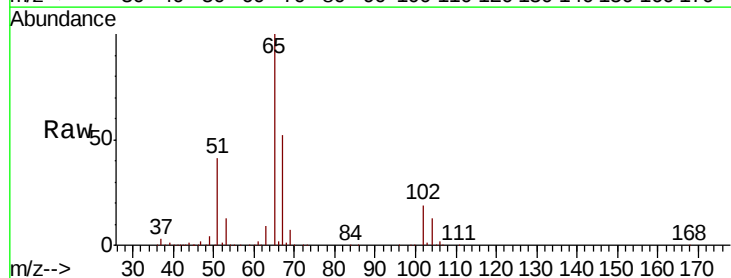
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

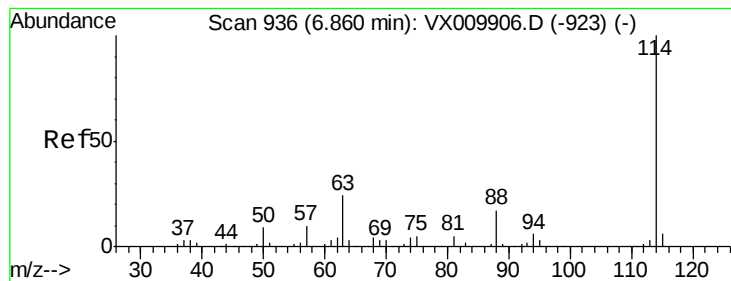
Tgt Ion: 42 Resp: 18044
Ion Ratio Lower Upper
42 100
72 0.1 29.2 43.8#
71 0.0 27.6 41.4#



#33
1,2-Dichloroethane-d4
Concen: 47.927 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 65 Resp: 127682
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

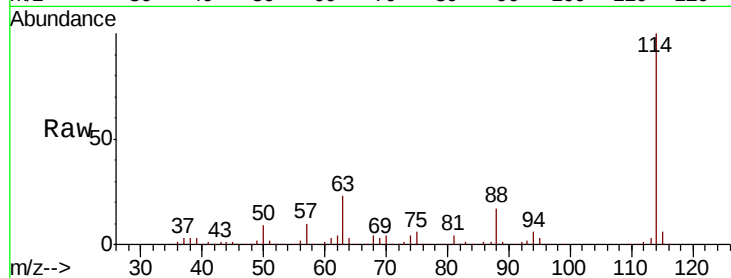
Tgt Ion:114 Resp: 305132

Ion Ratio Lower Upper

114 100

63 23.3 0.0 47.4

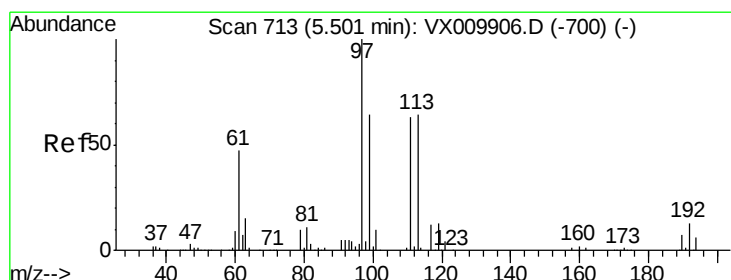
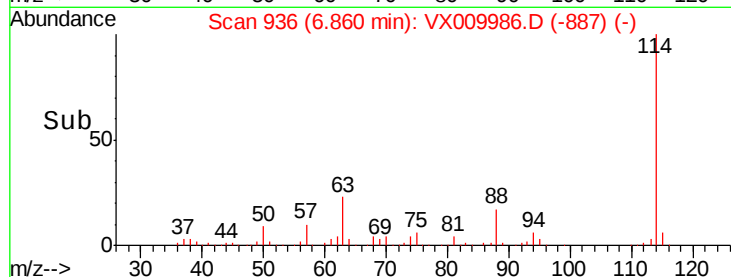
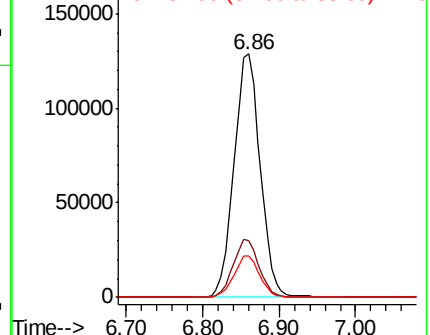
88 17.2 0.0 33.0



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: 47.933 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

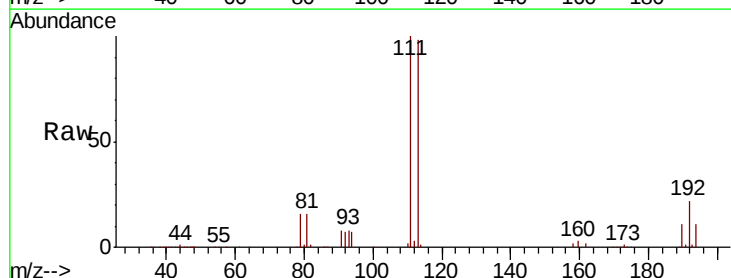
Tgt Ion:113 Resp: 91953

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.2

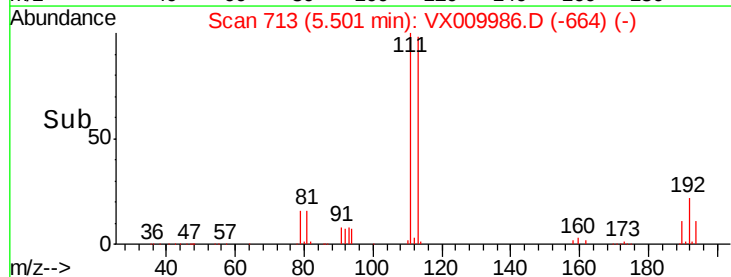
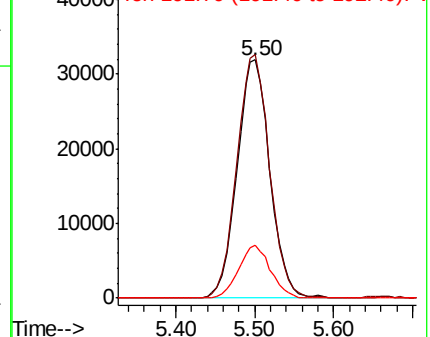
192 21.6 17.1 25.7

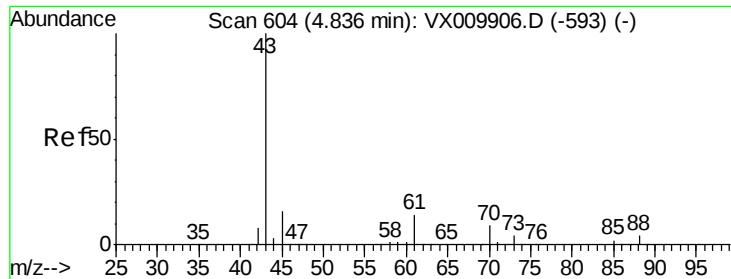


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

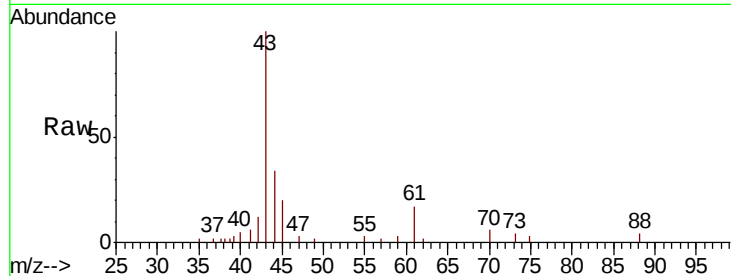




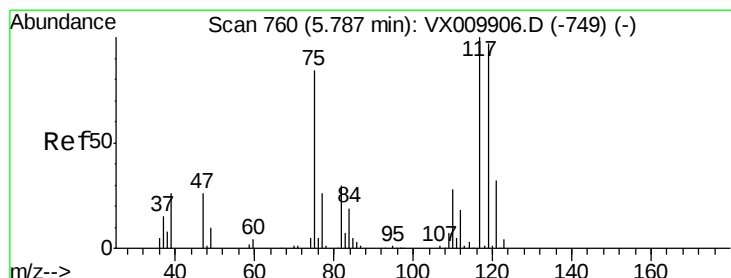
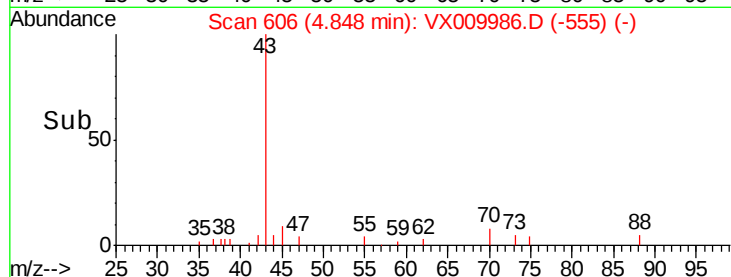
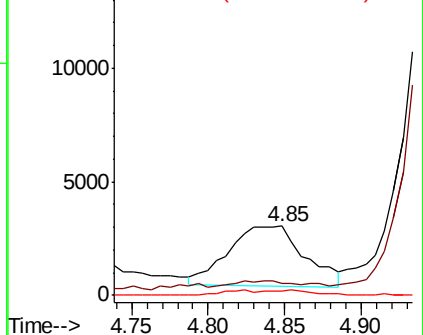
#37
Ethyl Acetate
Concen: 2.127 ug/l
RT: 4.85 min Scan# 606
Delta R.T. 0.01 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion: 43 Resp: 9174
Ion Ratio Lower Upper
43 100
61 0.0 10.2 15.2#
70 0.0 7.4 11.2#

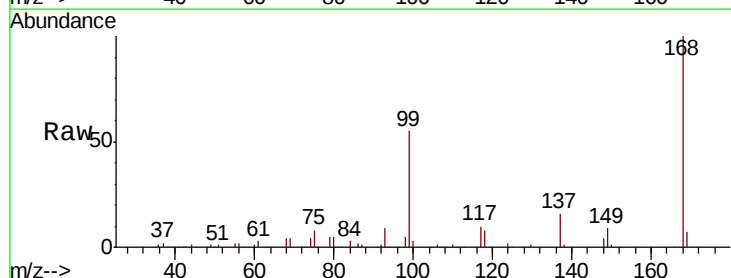


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

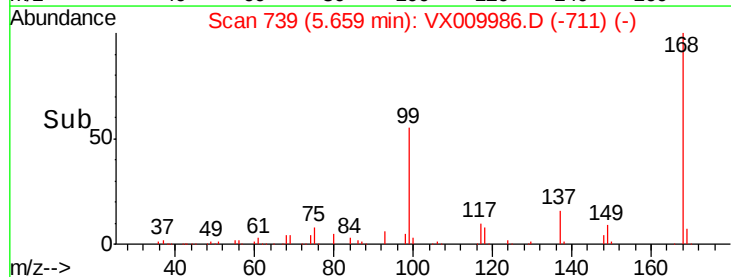
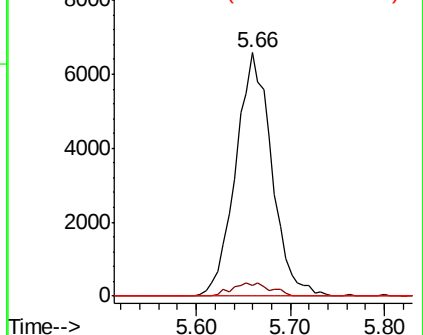


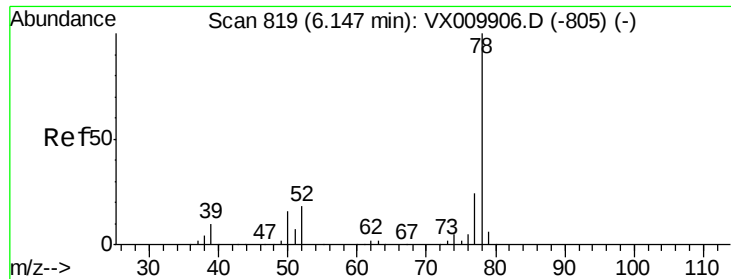
#38
Carbon Tetrachloride
Concen: 6.588 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 117 Resp: 17624
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 25.4 38.0#



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





#40

Benzene

Concen: 0.715 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

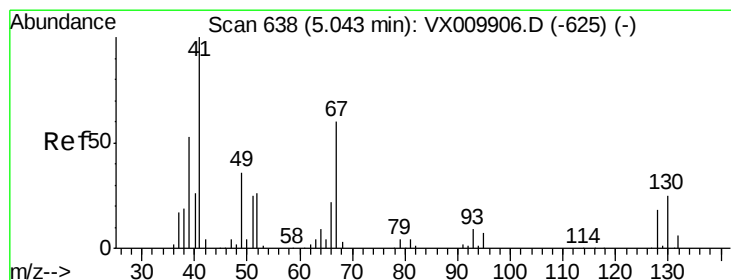
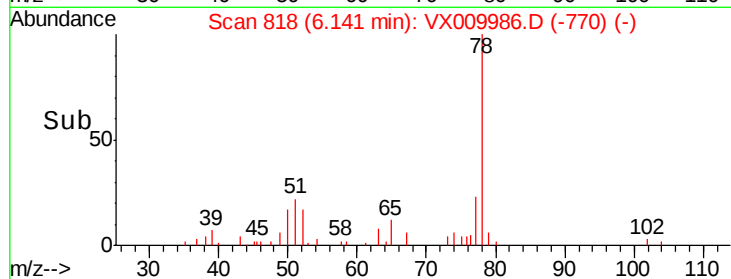
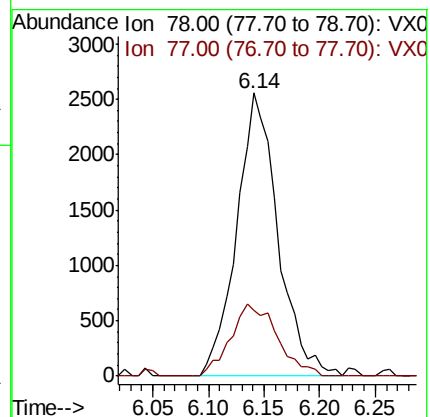
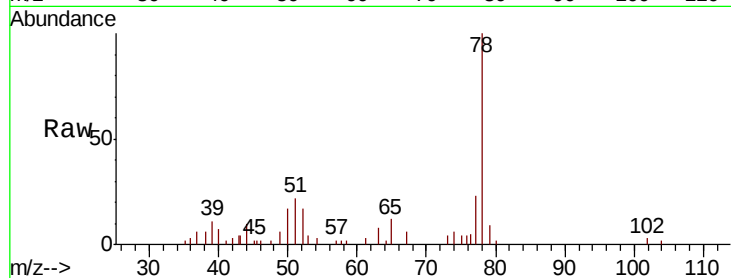
COMP-3

Tgt Ion: 78 Resp: 6571

Ion Ratio Lower Upper

78 100

77 23.1 19.2 28.8



#41

Methacrylonitrile

Concen: 0.365 ug/l

RT: 5.13 min Scan# 653

Delta R.T. 0.09 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Tgt Ion: 41 Resp: 921

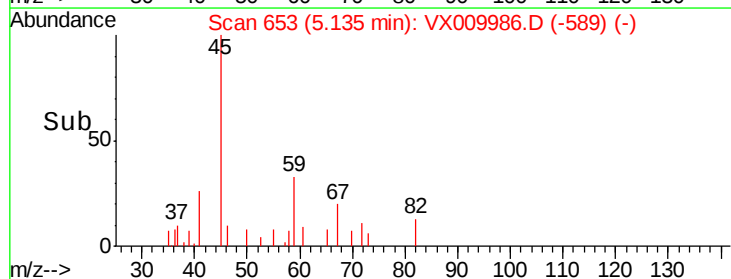
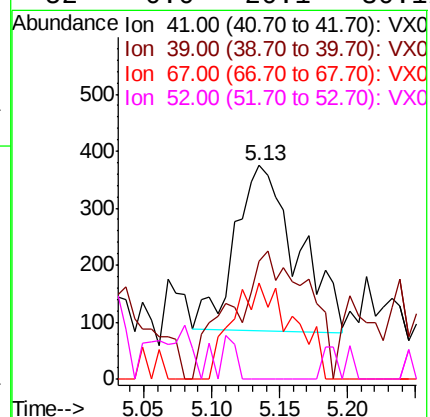
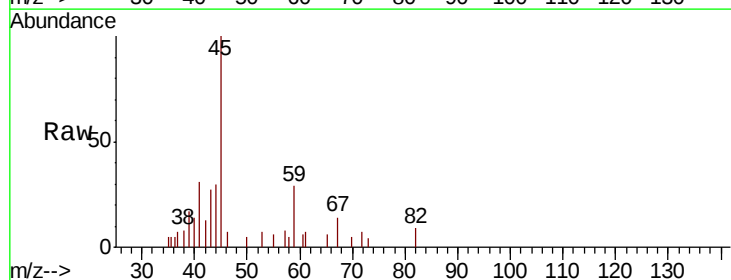
Ion Ratio Lower Upper

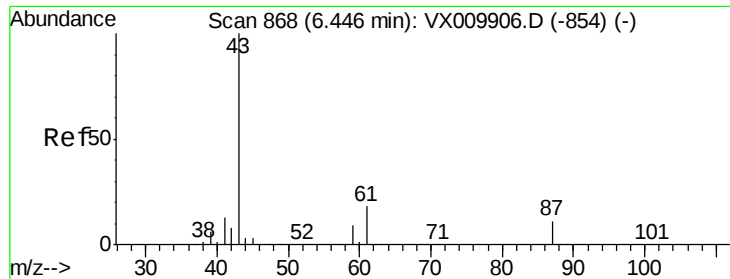
41 100

39 68.1 42.2 63.4#

67 57.5 48.9 73.3

52 0.0 20.1 30.1#





#43

Isopropyl Acetate

Concen: 0.309 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

COMP-3

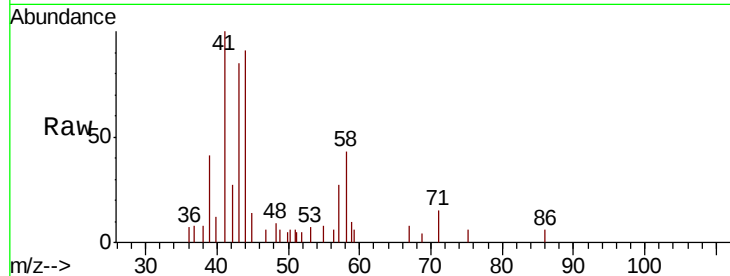
Tgt Ion: 43 Resp: 2151

Ion Ratio Lower Upper

43 100

61 2.1 14.6 21.8#

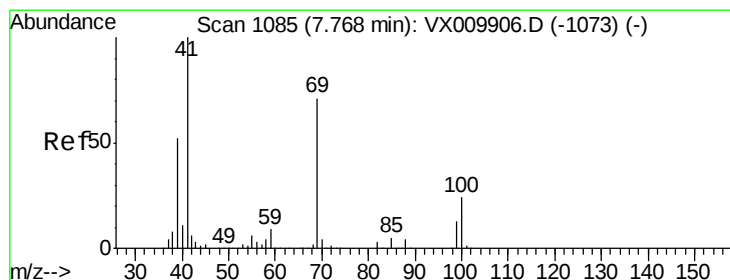
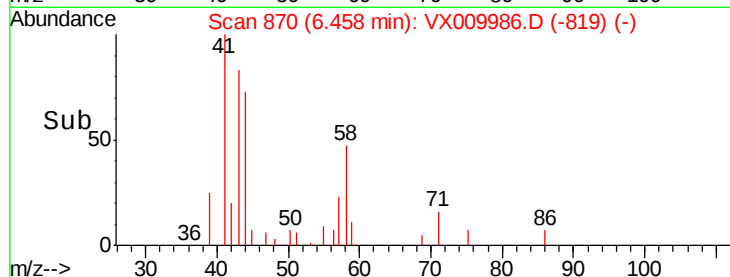
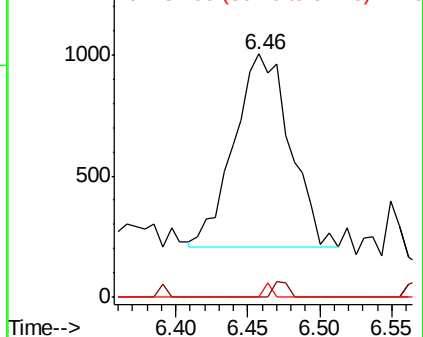
87 1.0 8.7 13.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 2.658 ug/l

RT: 7.65 min Scan# 1066

Delta R.T. -0.12 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

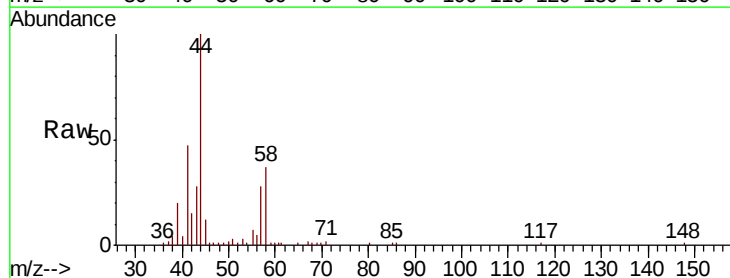
Tgt Ion: 41 Resp: 9160

Ion Ratio Lower Upper

41 100

69 1.4 56.4 84.6#

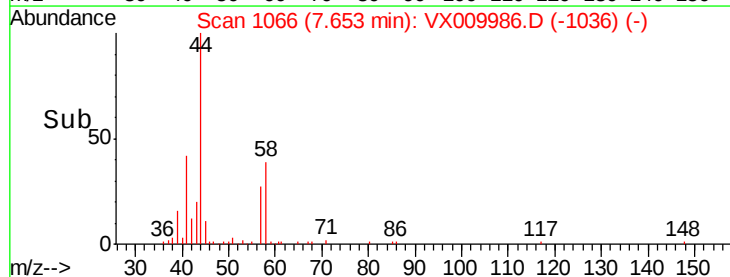
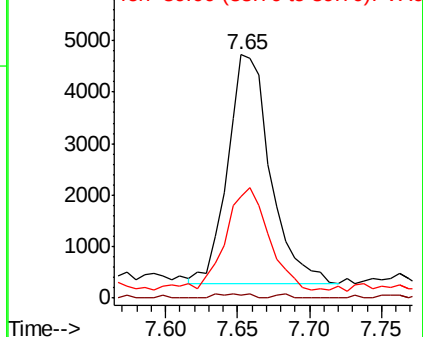
39 44.3 40.6 60.8

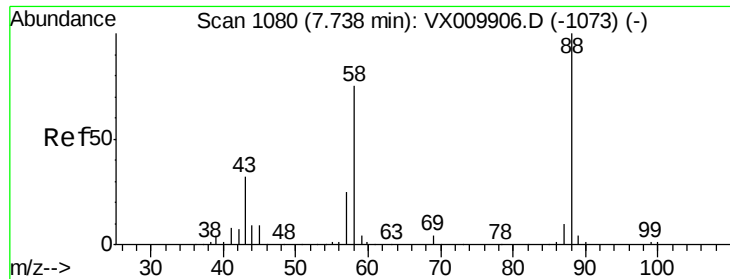


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

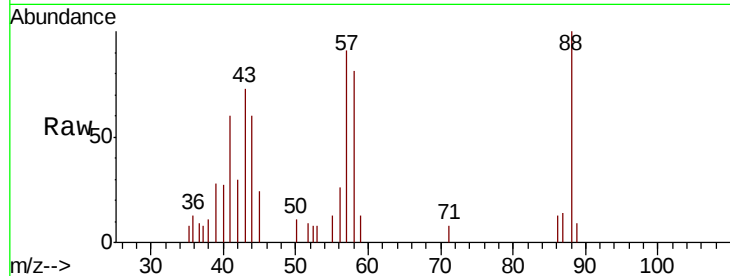




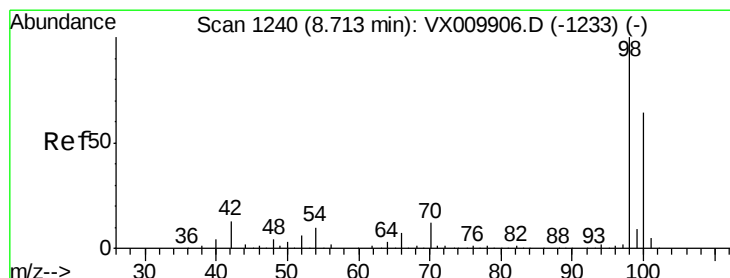
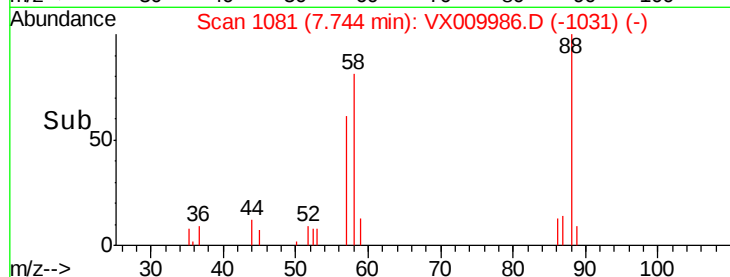
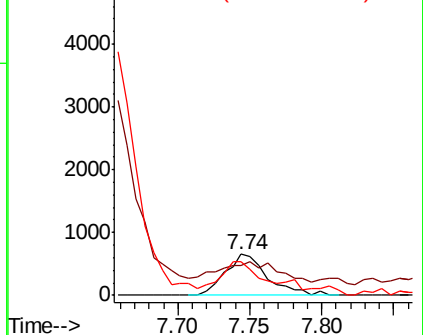
#49
1,4-Dioxane
Concen: 20.938 ug/l
RT: 7.74 min Scan# 1081
Delta R.T. 0.01 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion: 88 Resp: 1342
Ion Ratio Lower Upper
88 100
43 67.3 30.2 45.4#
58 63.9 64.0 96.0#

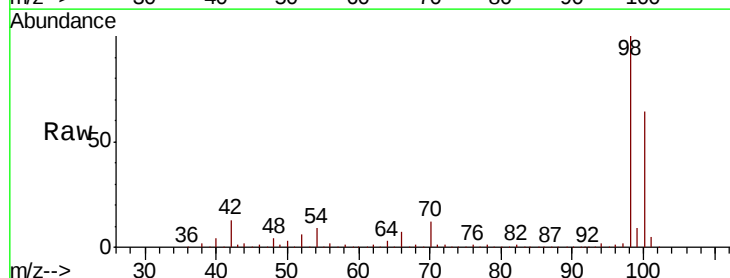


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

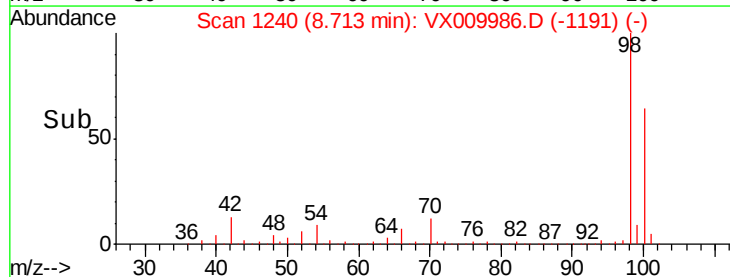
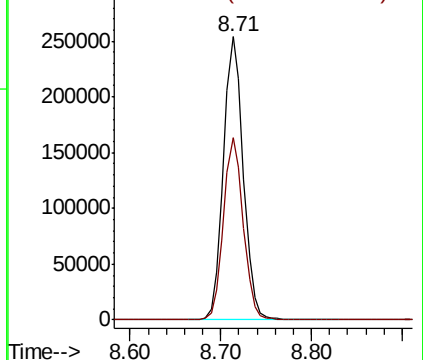


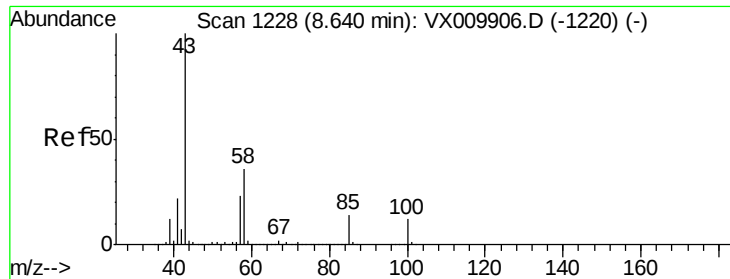
#50
Toluene-d8
Concen: 49.985 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 98 Resp: 389390
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3



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: 3.277 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

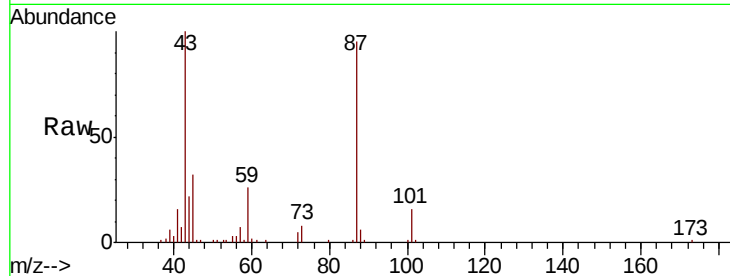
COMP-3

Tgt Ion: 43 Resp: 14836

Ion Ratio Lower Upper

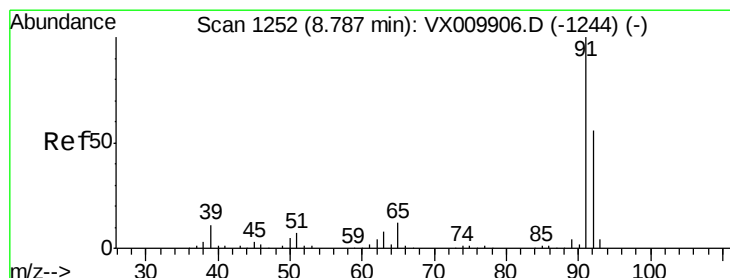
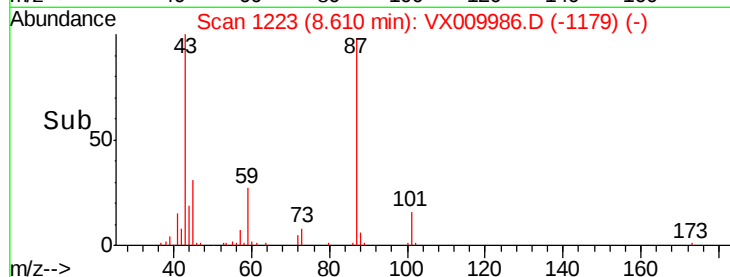
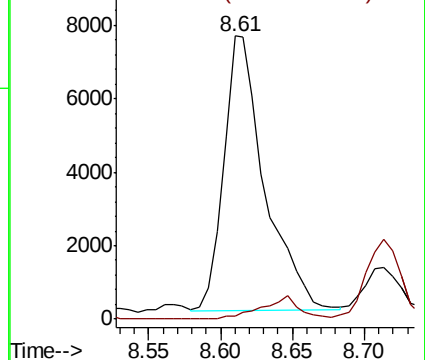
43 100

58 0.0 28.8 43.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 69.635 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009986.D

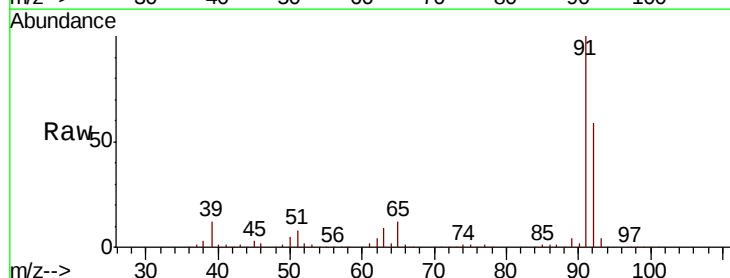
Acq: 31 May 2019 15:37

Tgt Ion: 92 Resp: 388291

Ion Ratio Lower Upper

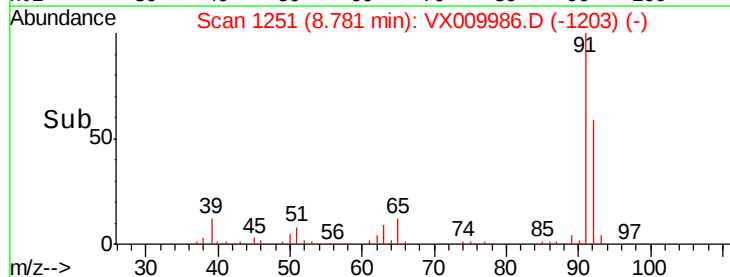
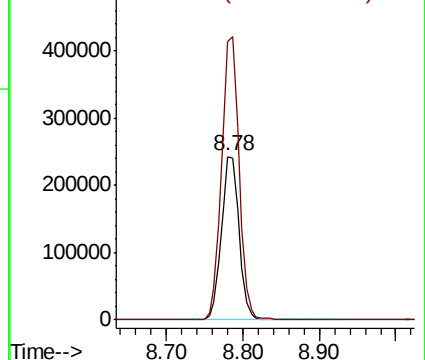
92 100

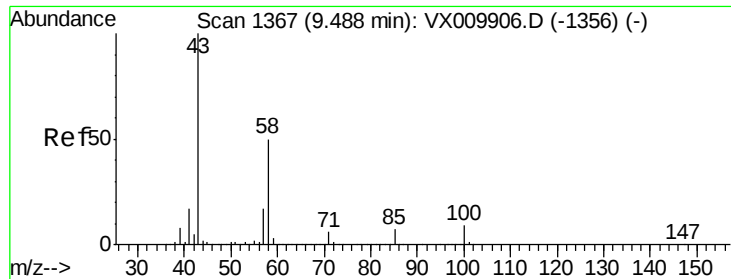
91 172.8 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

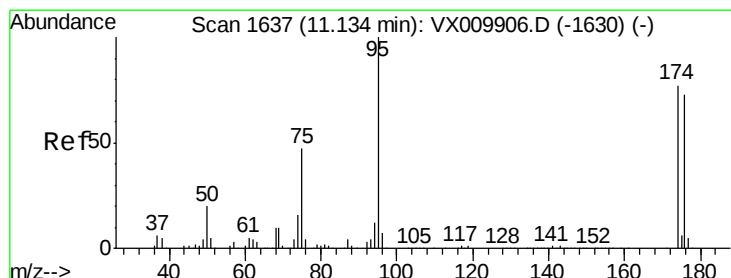
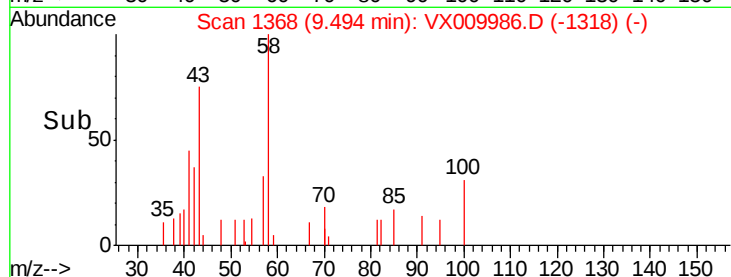
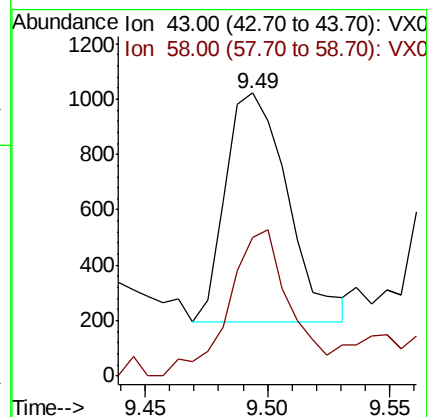
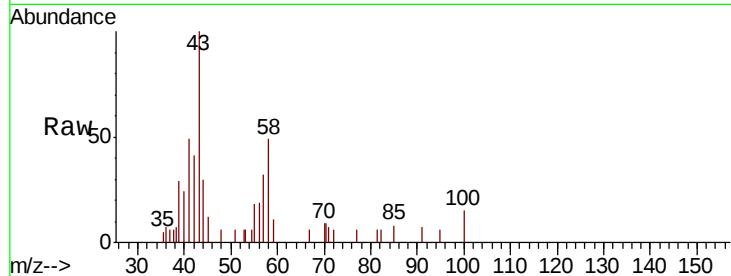




#59
2-Hexanone
Concen: 0.420 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

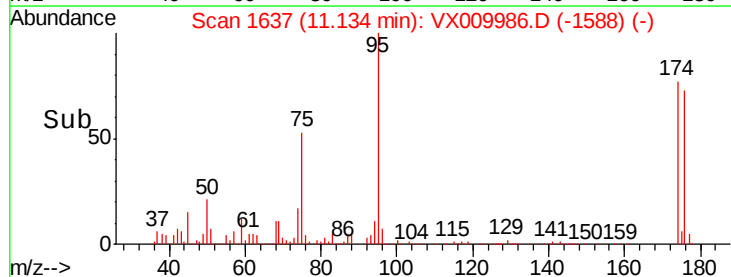
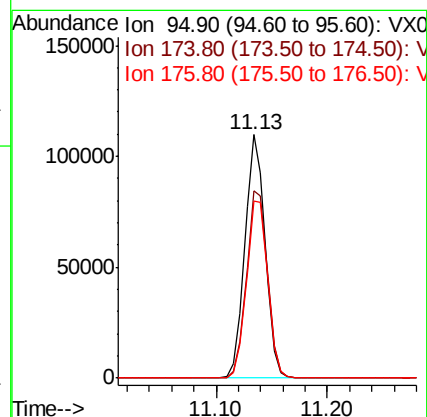
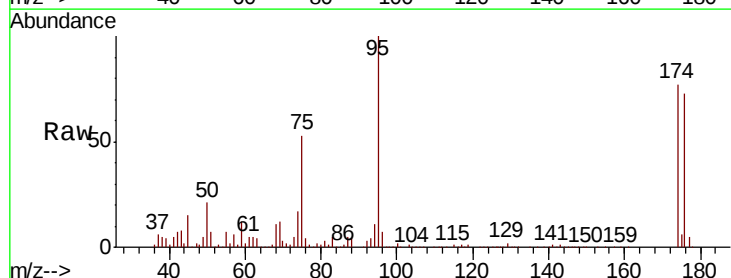
Instrument :
MSVOA_X
ClientSampled :
COMP-3

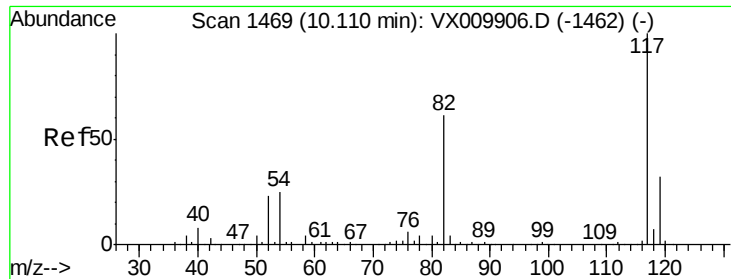
Tgt Ion: 43 Resp: 1465
Ion Ratio Lower Upper
43 100
58 62.7 25.1 75.3



#62
4-Bromofluorobenzene
Concen: 49.198 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 95 Resp: 137658
Ion Ratio Lower Upper
95 100
174 79.9 0.0 160.4
176 76.9 0.0 154.6

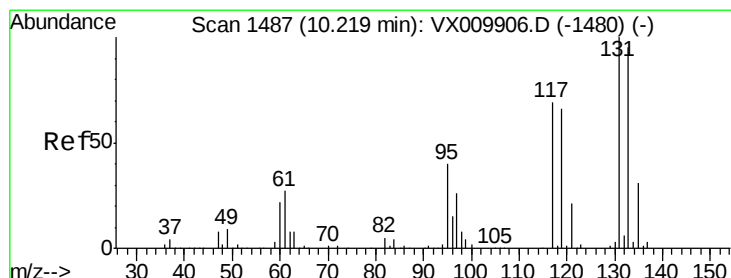
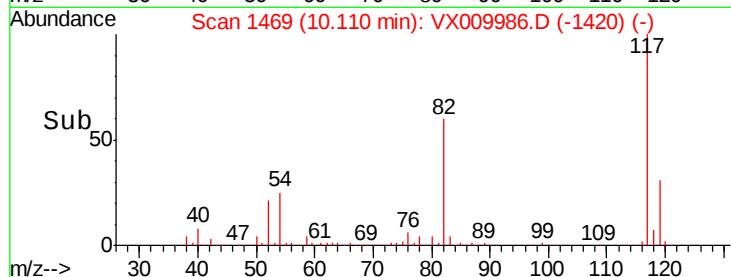
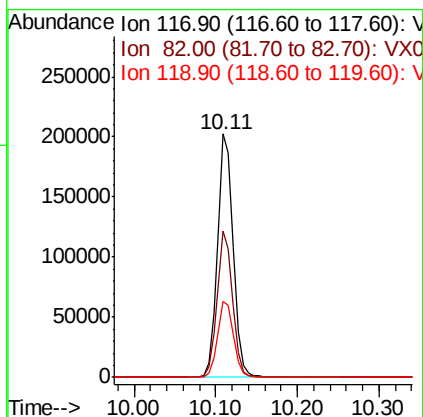
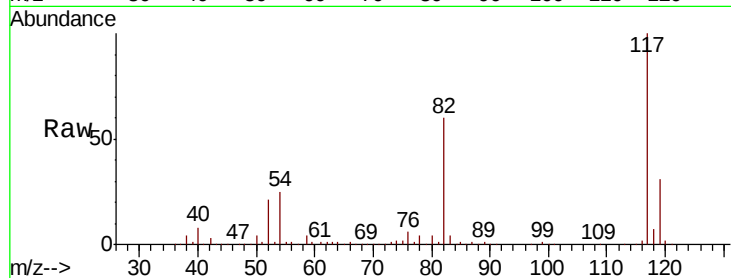




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

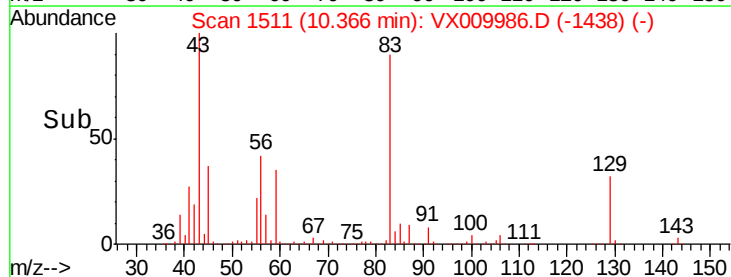
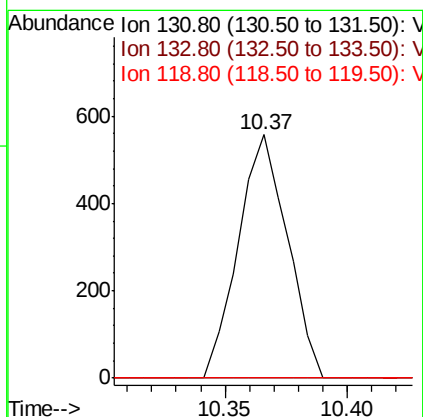
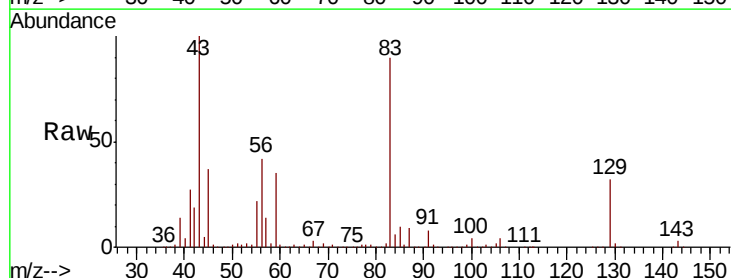
Instrument :
MSVOA_X
ClientSampled :
COMP-3

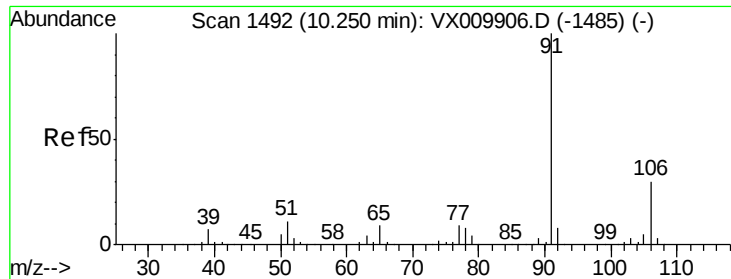
Tgt Ion:117 Resp: 277510
Ion Ratio Lower Upper
117 100
82 60.2 49.2 73.8
119 31.0 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 0.388 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. 0.15 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion:131 Resp: 782
Ion Ratio Lower Upper
131 100
133 0.0 47.5 142.6#
119 0.0 33.4 100.1#

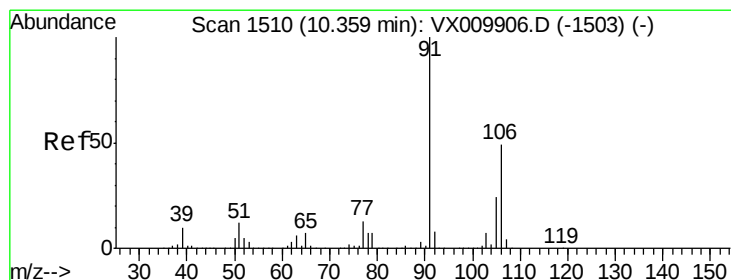
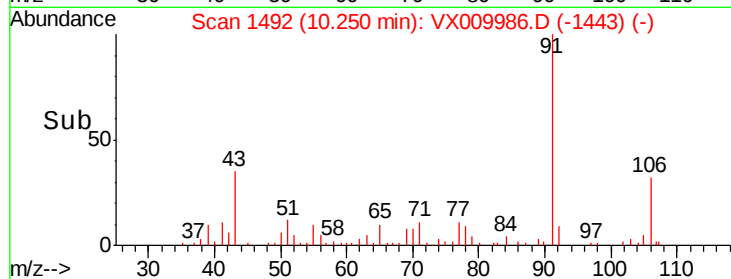
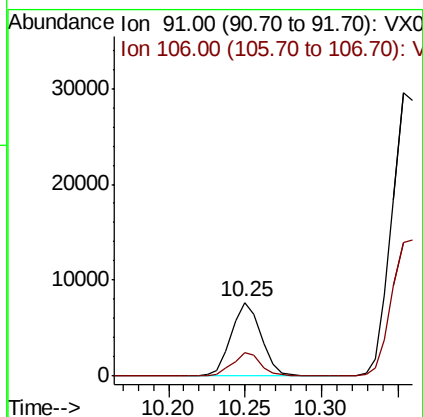
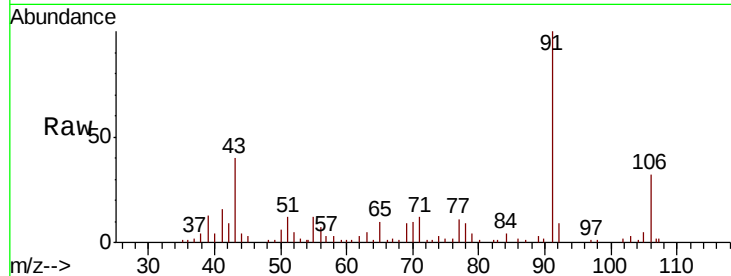




#67
Ethyl Benzene
Concen: 1.005 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

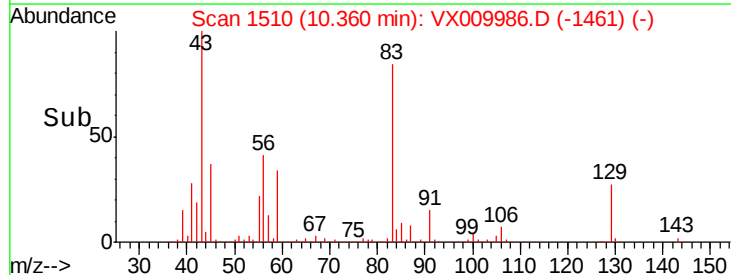
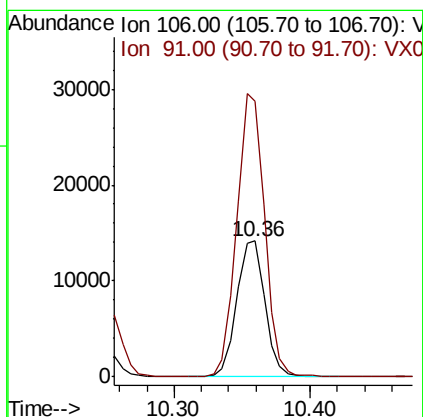
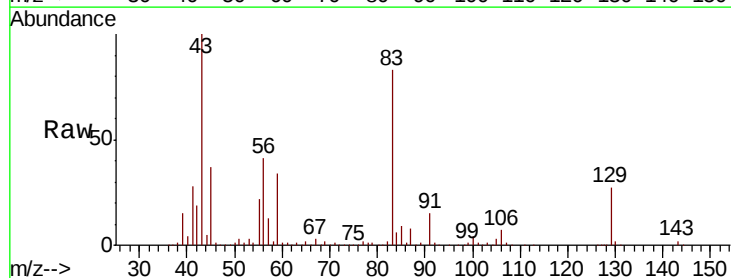
Instrument :
MSVOA_X
ClientSampled :
COMP-3

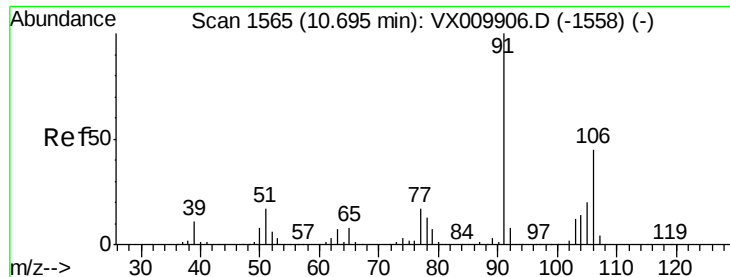
Tgt Ion: 91 Resp: 10483
Ion Ratio Lower Upper
91 100
106 32.1 23.9 35.9



#68
m/p-Xylenes
Concen: 5.311 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion: 106 Resp: 20467
Ion Ratio Lower Upper
106 100
91 205.9 167.3 250.9

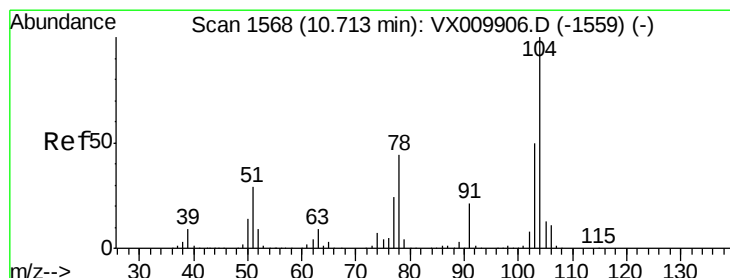
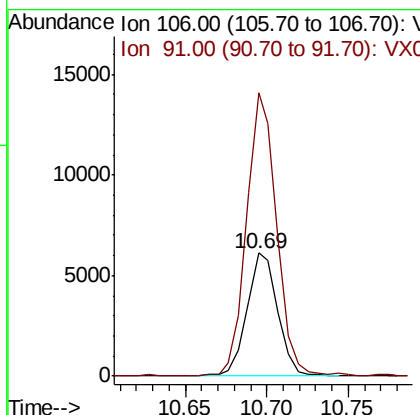
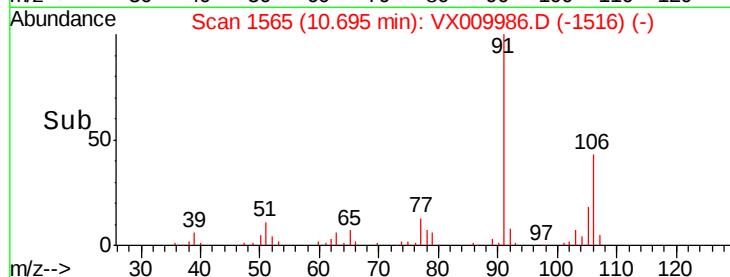
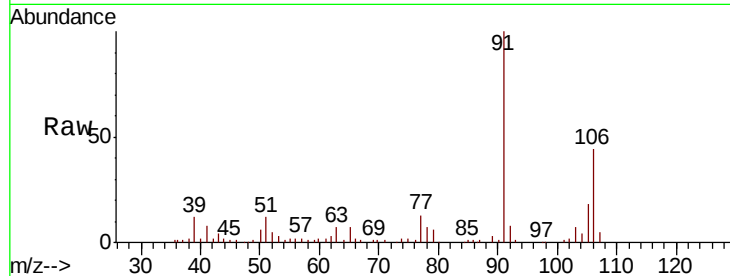




#69
o-Xylene
Concen: 2.164 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

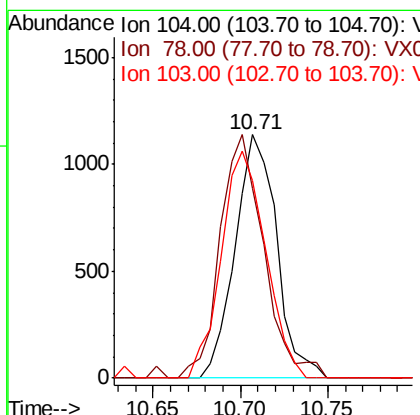
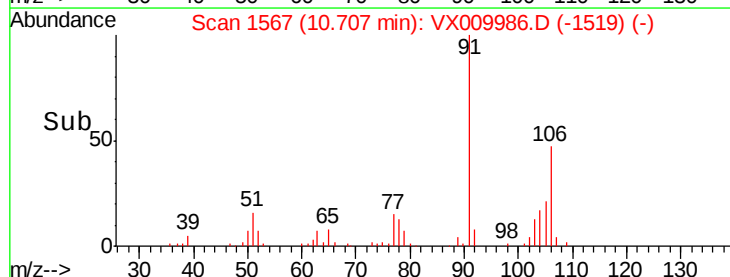
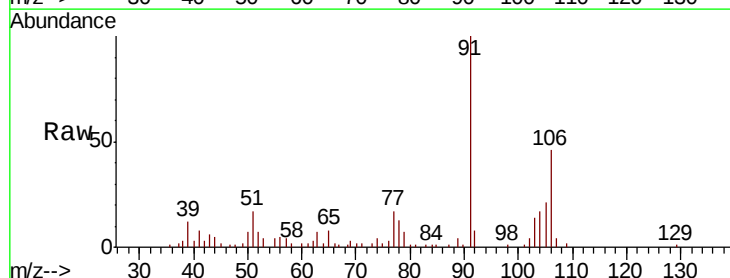
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

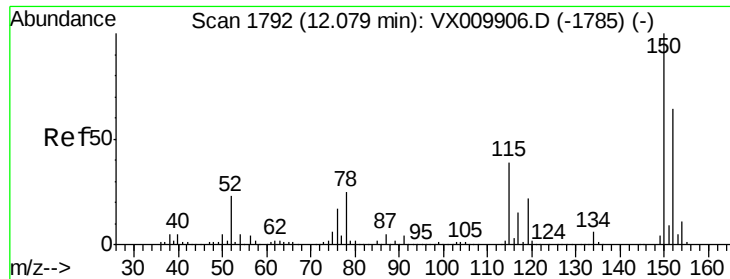
Tgt Ion:106 Resp: 7999
Ion Ratio Lower Upper
106 100
91 227.7 110.4 331.2



#70
Styrene
Concen: 0.291 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Tgt Ion:104 Resp: 1889
Ion Ratio Lower Upper
104 100
78 105.0 42.1 63.1#
103 99.6 44.1 66.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

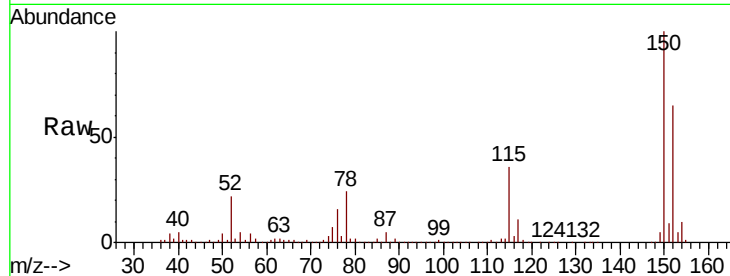
Tgt Ion: 152 Resp: 124950

Ion Ratio Lower Upper

152 100

115 59.6 41.4 124.2

150 156.6 0.0 345.2

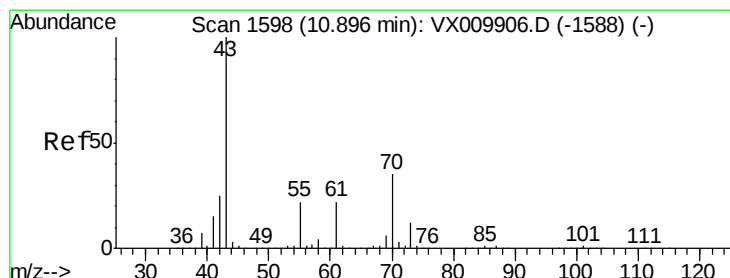
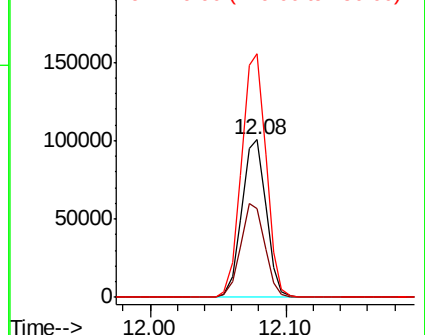
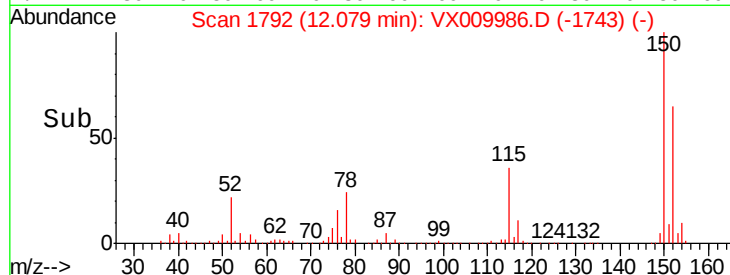


Abundance

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



#74

N-ethyl acetate

Concen: 0.319 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Tgt Ion: 43 Resp: 1759

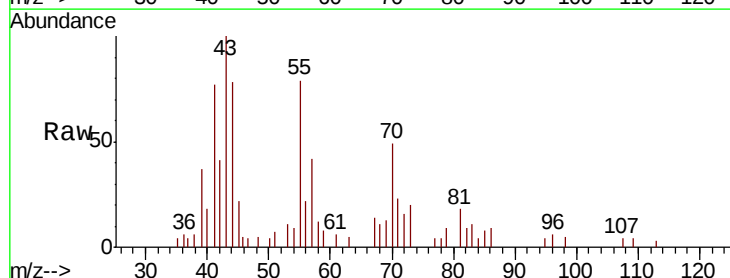
Ion Ratio Lower Upper

43 100

70 79.6 28.6 43.0#

55 0.0 17.8 26.8#

61 0.0 17.7 26.5#



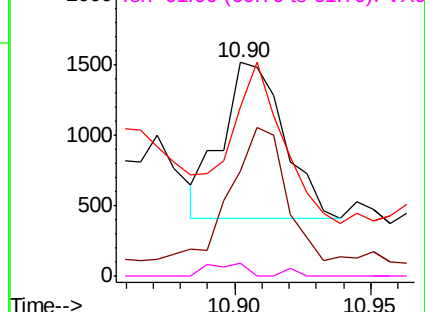
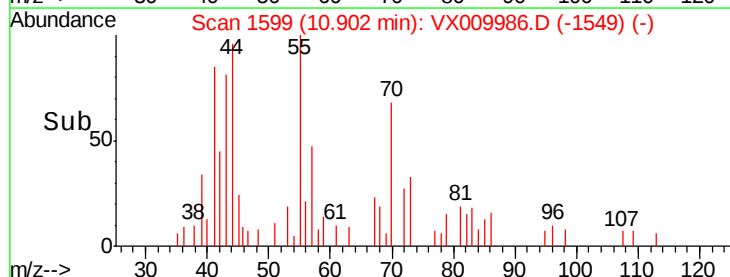
Abundance

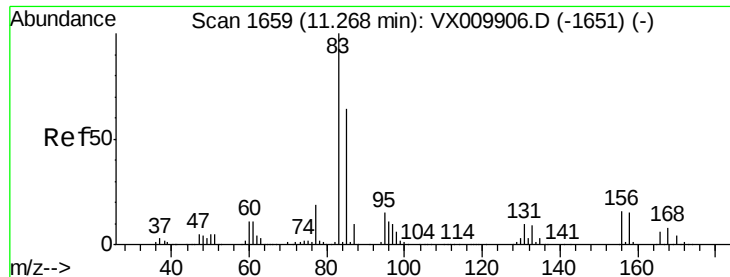
Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 0.288 ug/l

RT: 11.33 min Scan# 1670

Delta R.T. 0.07 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

COMP-3

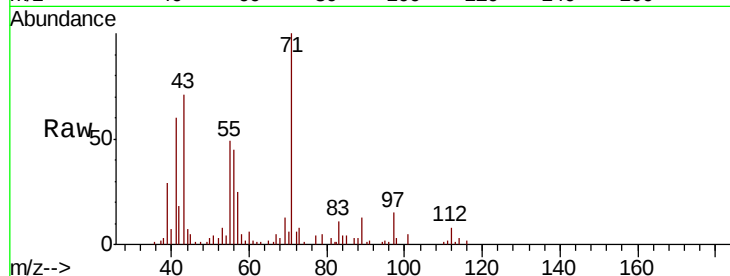
Tgt Ion: 83 Resp: 992

Ion Ratio Lower Upper

83 100

131 0.0 4.7 14.1#

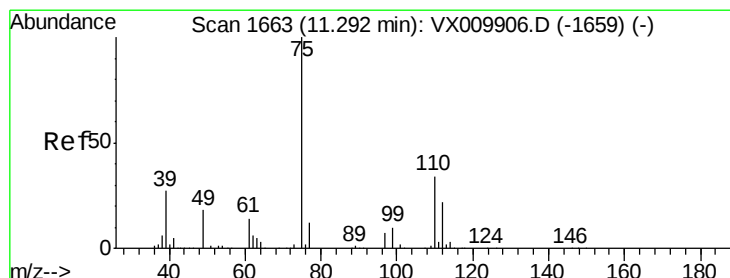
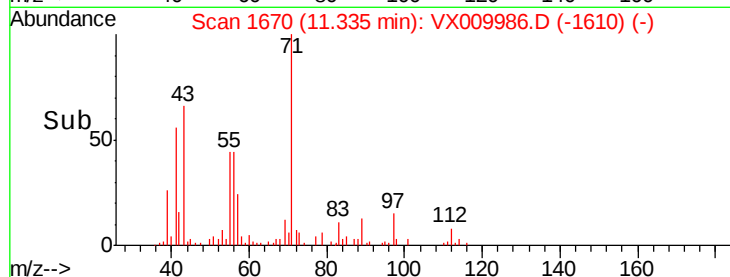
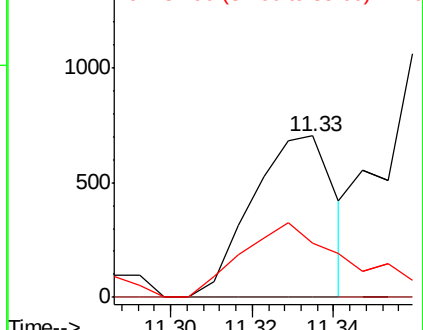
85 59.6 31.9 95.9



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: 23.915 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009986.D

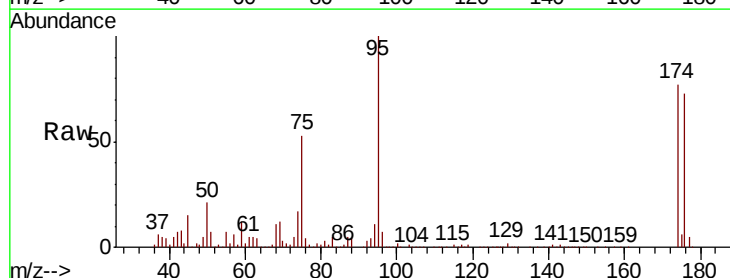
Acq: 31 May 2019 15:37

Tgt Ion: 75 Resp: 71458

Ion Ratio Lower Upper

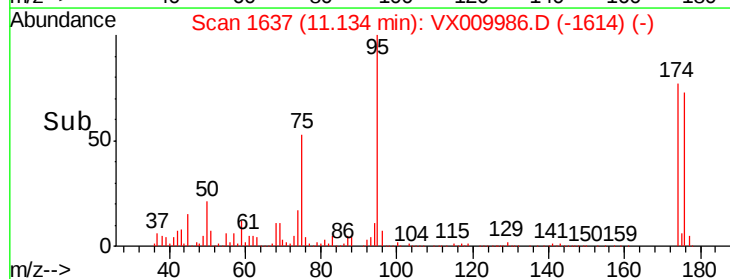
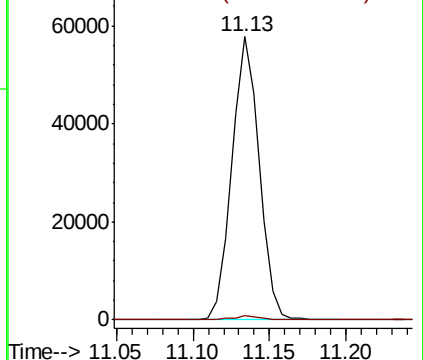
75 100

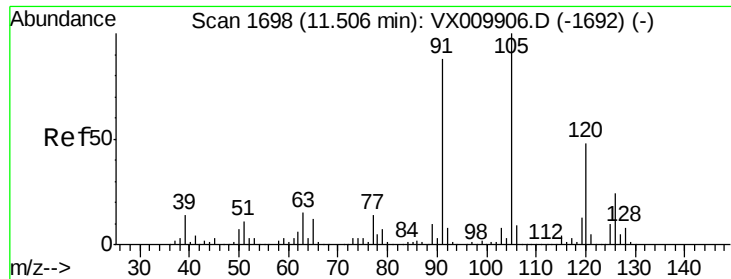
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

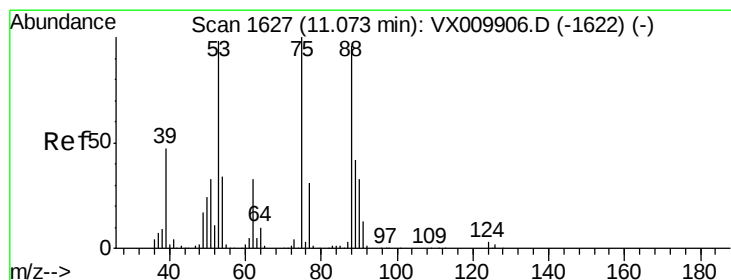
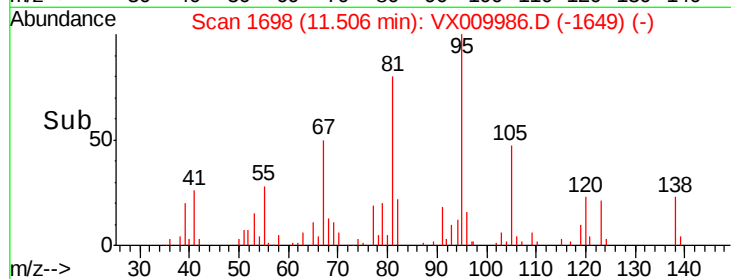
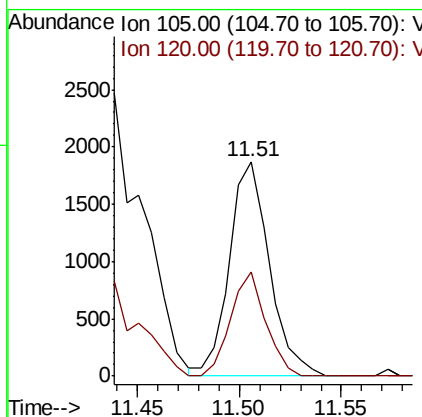
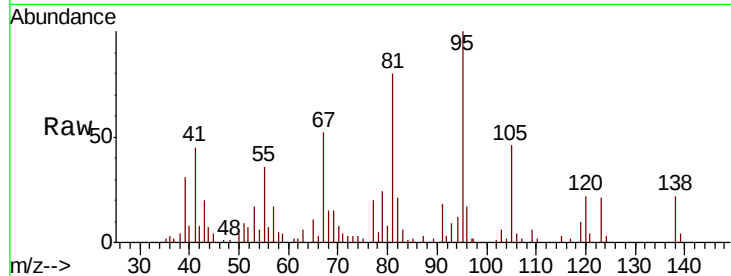




#80
 1,3,5-Trimethylbenzene
 Concen: 0.328 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

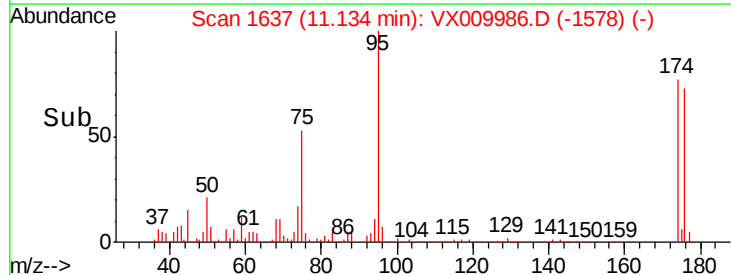
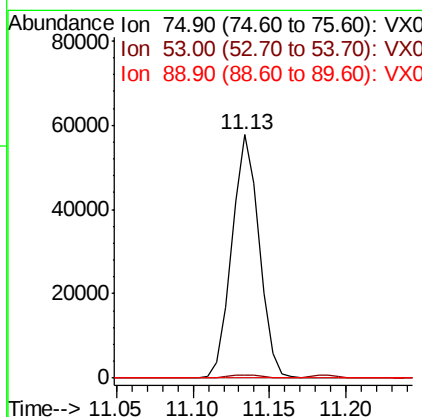
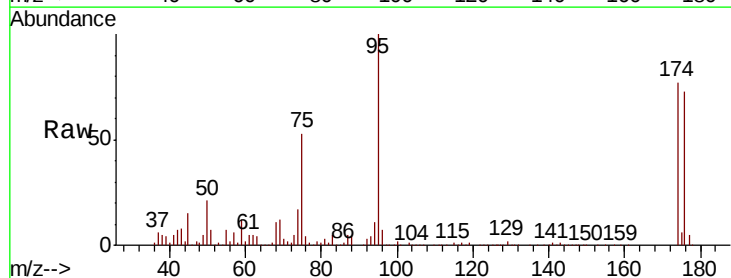
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-3

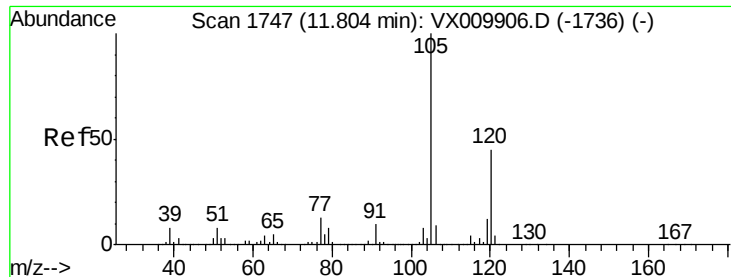
Tgt Ion: 105 Resp: 2545
 Ion Ratio Lower Upper
 105 100
 120 42.3 24.1 72.3



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.171 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

Tgt Ion: 75 Resp: 71458
 Ion Ratio Lower Upper
 75 100
 53 1.2 79.8 119.6#
 89 0.0 34.2 51.4#

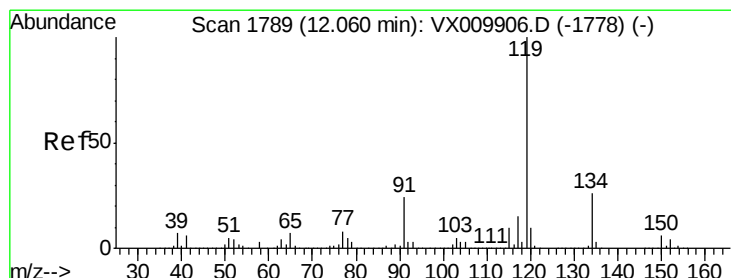
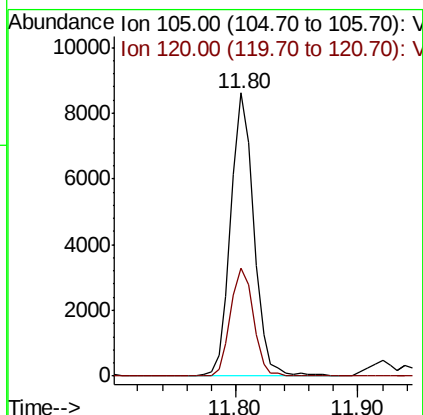
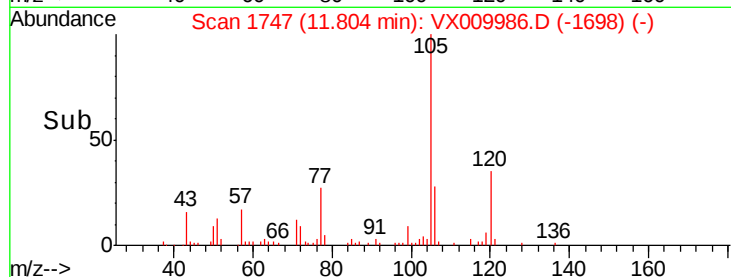
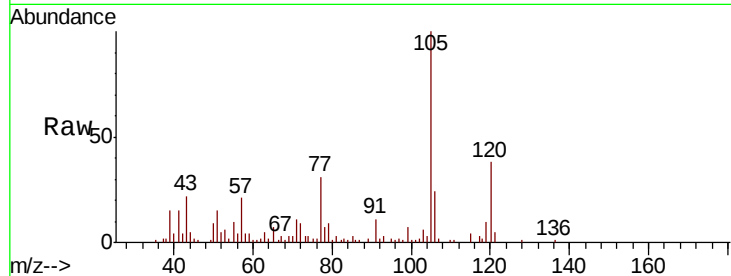




#84
 1,2,4-Trimethylbenzene
 Concen: 1.425 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

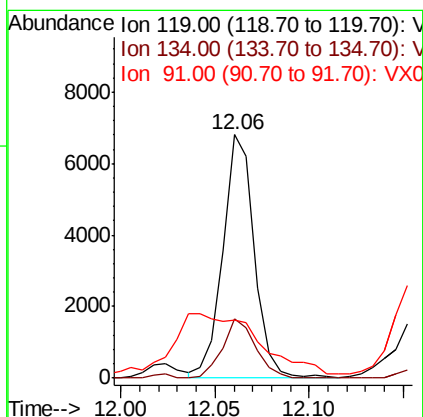
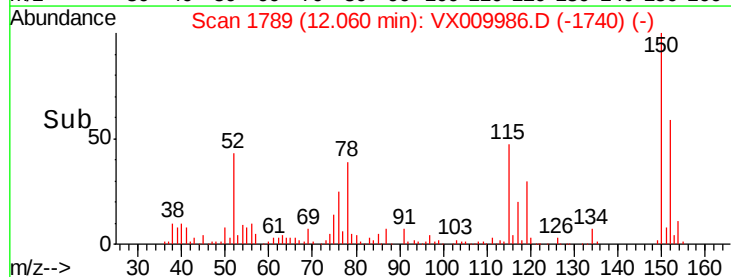
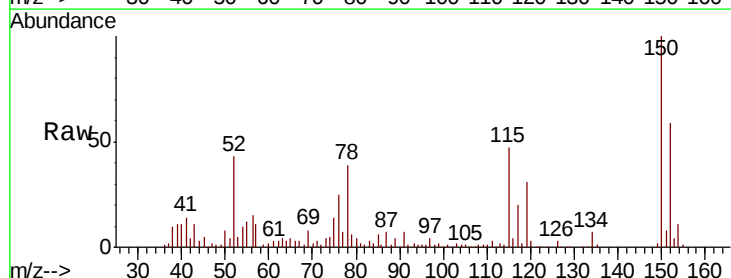
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

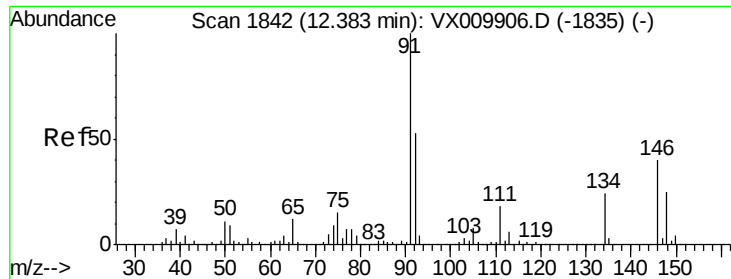
Tgt Ion:105 Resp: 11236
 Ion Ratio Lower Upper
 105 100
 120 37.5 22.1 66.1



#86
 p-Isopropyltoluene
 Concen: 0.993 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009986.D
 Acq: 31 May 2019 15:37

Tgt Ion:119 Resp: 7895
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.6
 91 0.0 11.9 35.9#





#89

n-Butylbenzene

Concen: 0.206 ug/l

RT: 12.37 min Scan# 1839

Delta R.T. -0.02 min

Lab File: VX009986.D

Acq: 31 May 2019 15:37

Instrument :

MSVOA_X

ClientSampled :

COMP-3

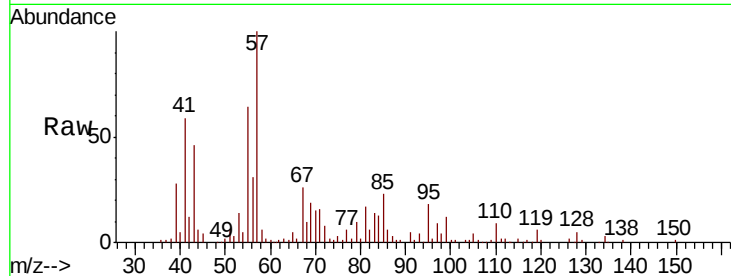
Tgt Ion: 91 Resp: 1540

Ion Ratio Lower Upper

91 100

92 9.4 26.3 78.8#

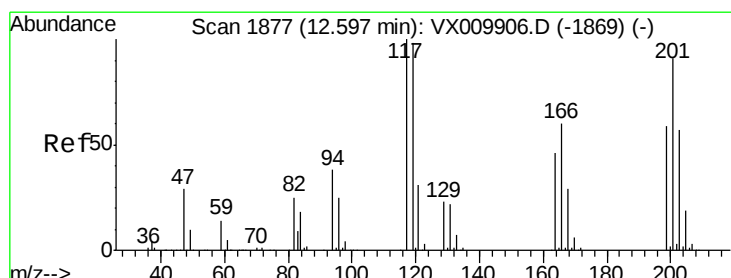
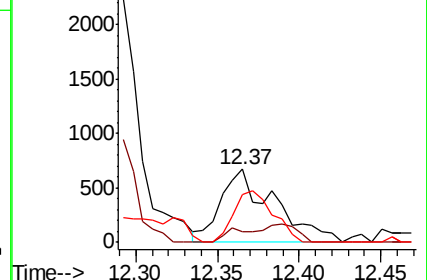
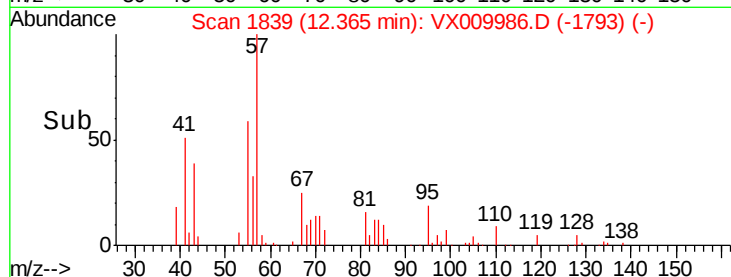
134 51.4 12.3 36.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 0.477 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX009986.D

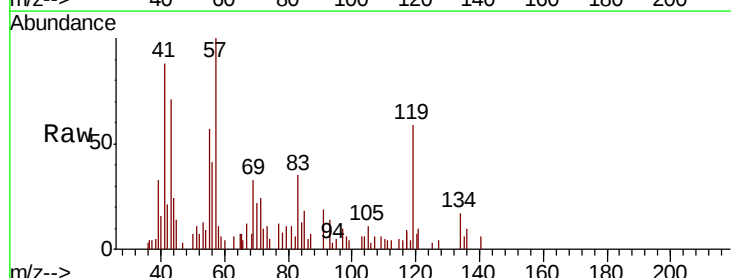
Acq: 31 May 2019 15:37

Tgt Ion: 117 Resp: 651

Ion Ratio Lower Upper

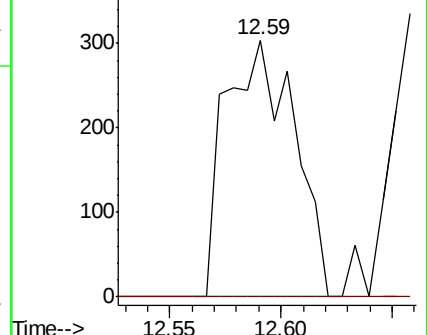
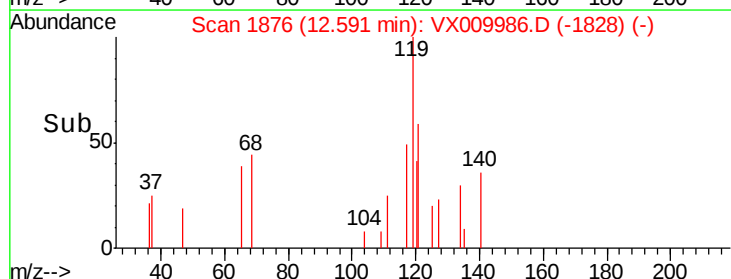
117 100

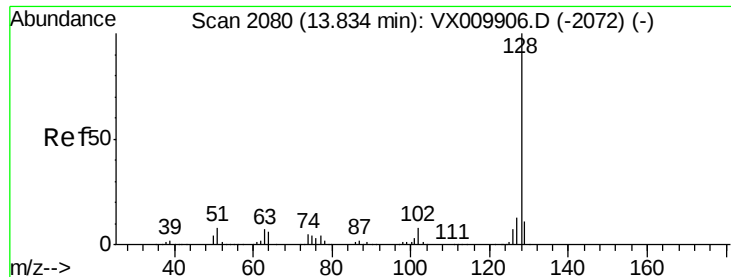
201 0.0 43.6 130.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#95
Naphthalene
Concen: 2.306 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009986.D
Acq: 31 May 2019 15:37

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion:128 Resp: 21145
Ion Ratio Lower Upper
128 100
127 14.7 10.6 16.0
129 12.4 8.8 13.2

