

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX053119\
 Data File : VX009980.D
 Acq On : 31 May 2019 12:48
 Operator : JC/SP
 Sample : K2964-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

Quant Time: May 31 13:09:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186234	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	303602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	276201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126265	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	122316	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	
35) Dibromofluoromethane	5.49	113	91611	48.00	ug/l	0.00
Spiked Amount			Recovery	=	96.00%	
50) Toluene-d8	8.71	98	386321	49.84	ug/l	0.00
Spiked Amount			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	137813	49.50	ug/l	0.00
Spiked Amount			Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2392	0.782	ug/l #	87
5) Bromomethane	1.64	94	608	0.364	ug/l	96
6) Chloroethane	1.95	64	1822	1.073	ug/l #	55
10) Methyl Iodide	2.51	142	490	4.852	ug/l #	88
11) Tert butyl alcohol	3.04	59	60727	93.799	ug/l	99
13) Acrolein	2.29	56	1734	24.557	ug/l	94
16) Acetone	2.44	43	108409	71.323	ug/l	97
17) Carbon Disulfide	2.57	76	7988	1.773	ug/l	98
18) Methyl Acetate	2.77	43	123192	34.832	ug/l	97
20) Methylene Chloride	2.85	84	20811	8.941	ug/l	92
22) Diisopropyl ether	3.91	45	3503	0.402	ug/l #	1
23) Vinyl Acetate	3.91	43	48380	6.175	ug/l #	76
25) 2-Butanone	4.68	43	47649	20.121	ug/l	99
29) Tetrahydrofuran	4.96	42	13017	8.572	ug/l #	38
37) Ethyl Acetate	4.84	43	7178	1.672	ug/l #	76
38) Carbon Tetrachloride	5.66	117	17735	6.663	ug/l #	15
40) Benzene	6.14	78	6386	0.699	ug/l	96
41) Methacrylonitrile	4.95	41	5948	2.372	ug/l #	27
43) Isopropyl Acetate	6.45	43	2471	0.357	ug/l #	68
49) 1,4-Dioxane	7.74	88	1356	21.263	ug/l #	75
51) 4-Methyl-2-Pentanone	8.61	43	17539	3.893	ug/l #	38
52) Toluene	8.78	92	377395	68.022	ug/l	99
59) 2-Hexanone	9.49	43	1376	0.397	ug/l #	59
66) 1,1,1,2-Tetrachloroethane	10.37	131	837	0.417	ug/l #	10
67) Ethyl Benzene	10.25	91	10511	1.012	ug/l	96
68) m/p-Xylenes	10.35	106	20156	5.255	ug/l	97
69) o-Xylene	10.69	106	8025	2.182	ug/l	99
70) Styrene	10.71	104	1809	0.280	ug/l #	14
74) N-amyl acetate	10.91	43	1410	0.253	ug/l #	13
76) 1,2,3-Trichloropropane	11.13	75	71517	20.008	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2686	0.342	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.13	75	71517	58.603	ug/l #	11
84) 1,2,4-Trimethylbenzene	11.80	105	11361	1.425	ug/l	88
86) p-Isopropyltoluene	12.06	119	8874	1.104	ug/l #	75

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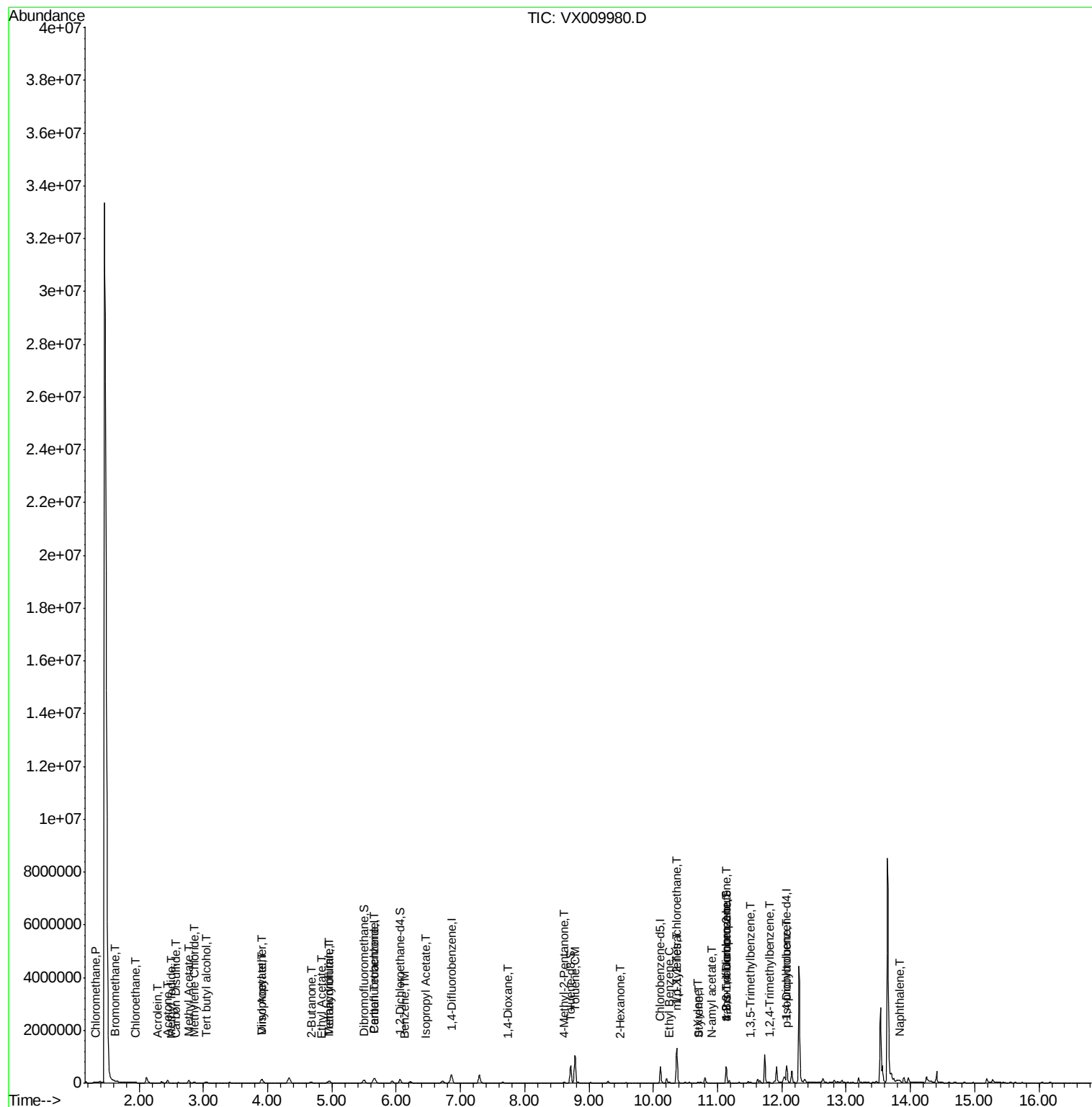
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	21885	2.361	ug/l	97

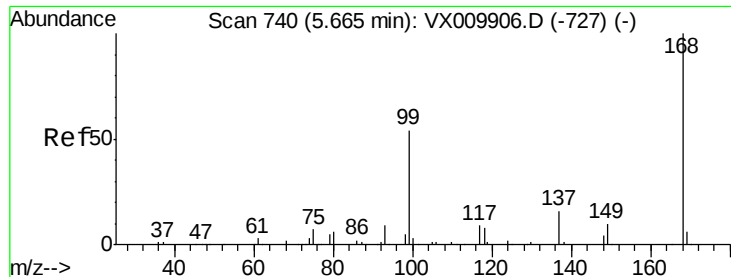
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

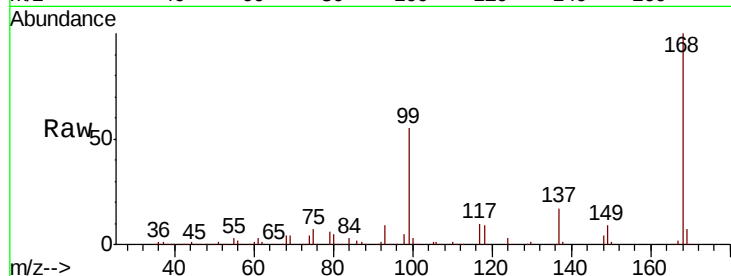
COMP-3

Tgt Ion:168 Resp: 186234

Ion Ratio Lower Upper

168 100

99 55.3 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

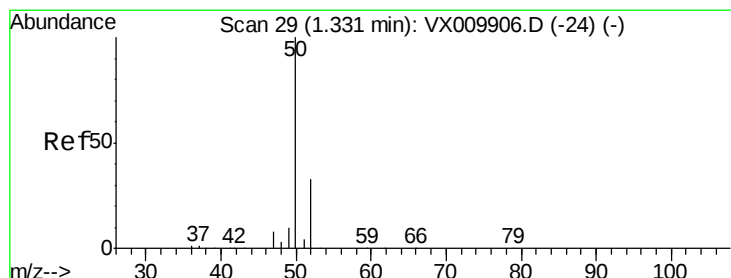
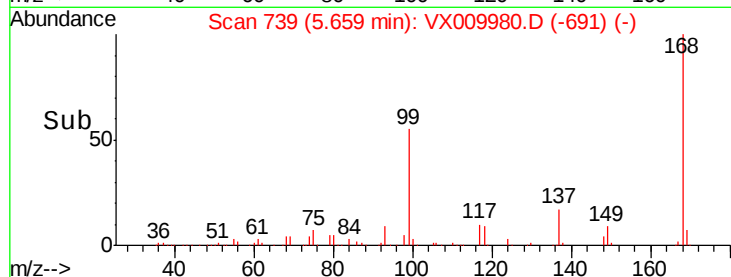
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.782 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009980.D

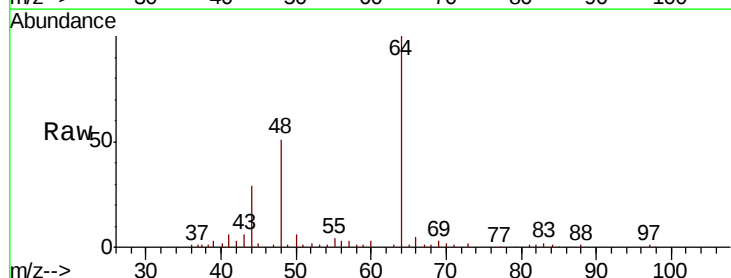
Acq: 31 May 2019 12:48

Tgt Ion: 50 Resp: 2392

Ion Ratio Lower Upper

50 100

52 24.9 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

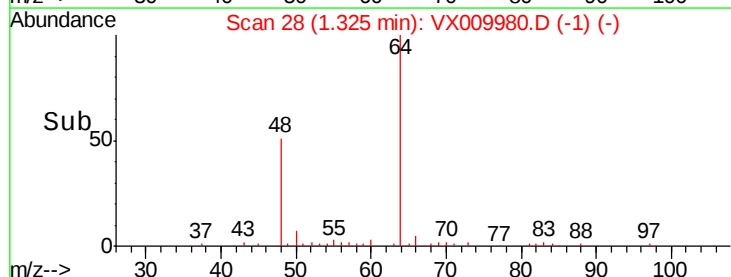
1500

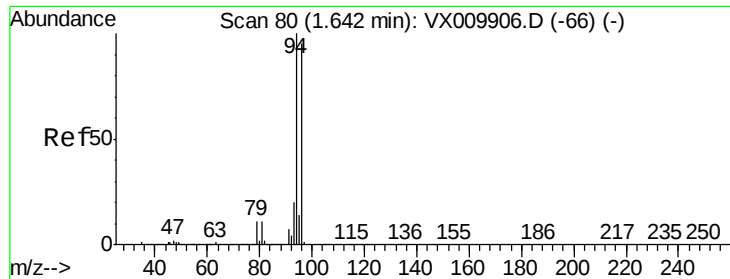
1000

500

0

Time--> 1.20 1.25 1.30 1.35 1.40





#5

Bromomethane

Concen: 0.364 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

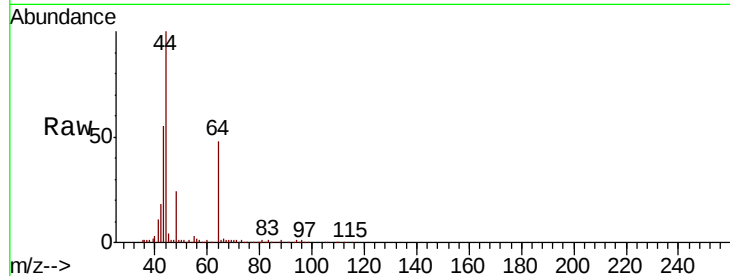
COMP-3

Tgt Ion: 94 Resp: 608

Ion Ratio Lower Upper

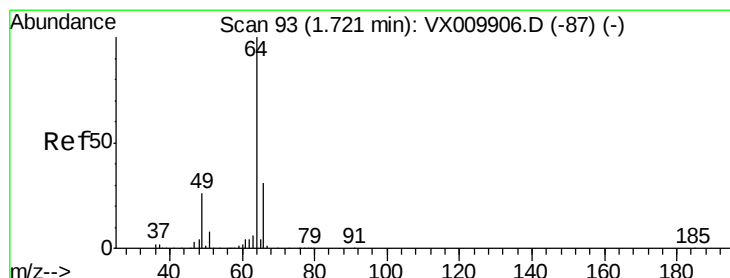
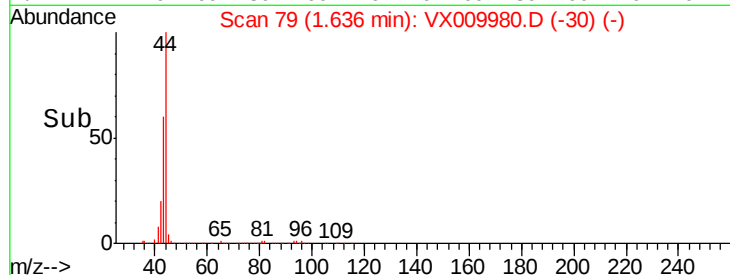
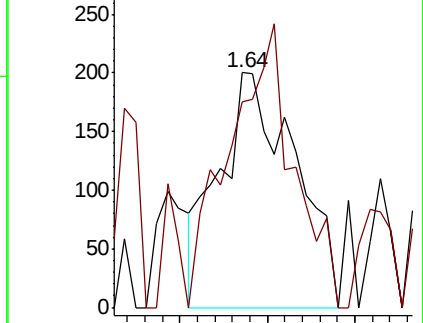
94 100

96 87.5 73.0 109.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.073 ug/l

RT: 1.95 min Scan# 130

Delta R.T. 0.23 min

Lab File: VX009980.D

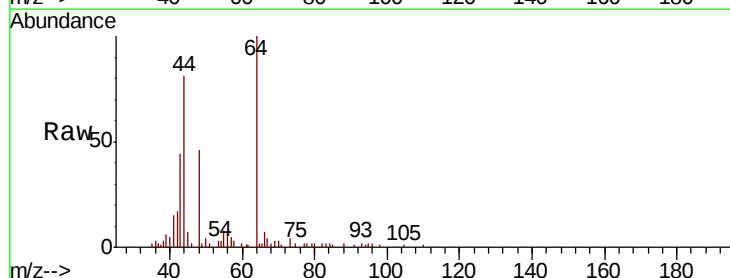
Acq: 31 May 2019 12:48

Tgt Ion: 64 Resp: 1822

Ion Ratio Lower Upper

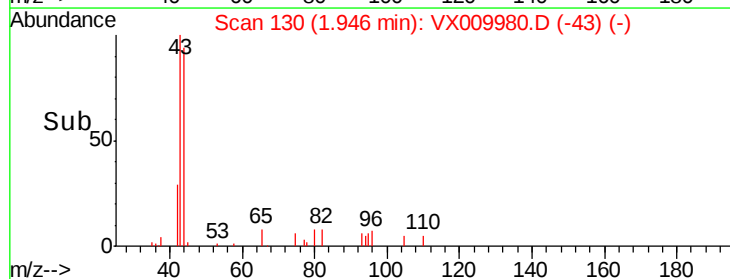
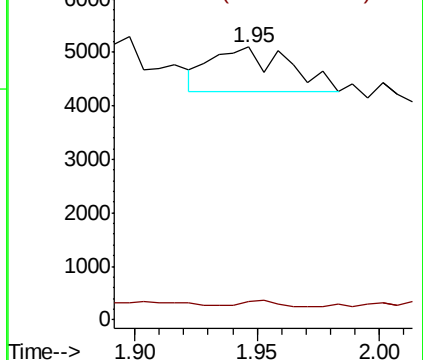
64 100

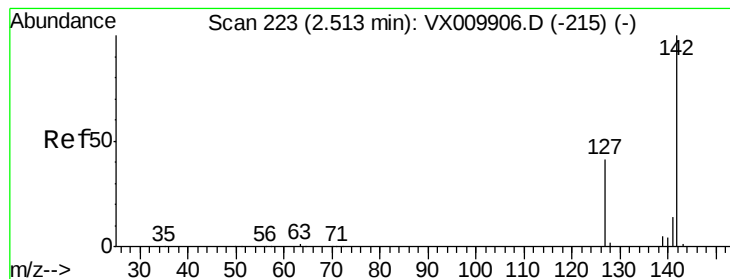
66 6.5 25.3 37.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

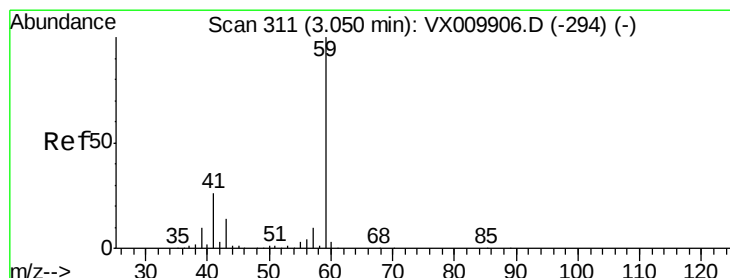
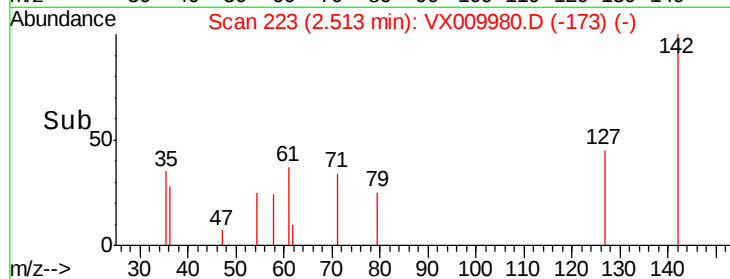
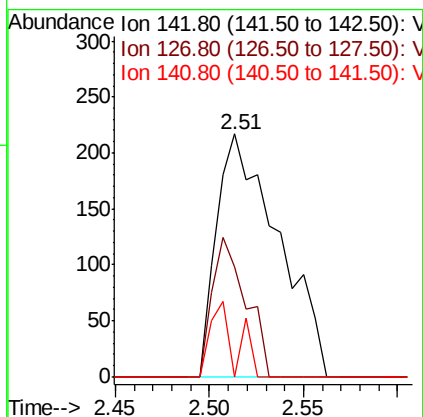
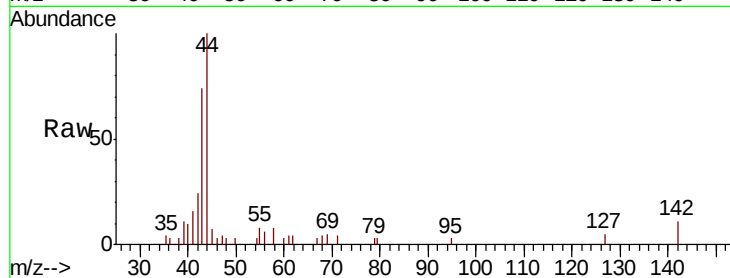




#10
Methyl Iodide
Concen: 4.852 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

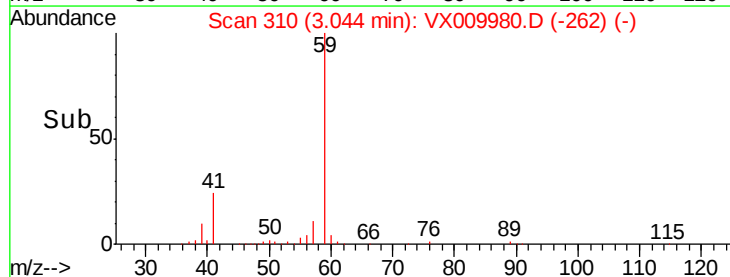
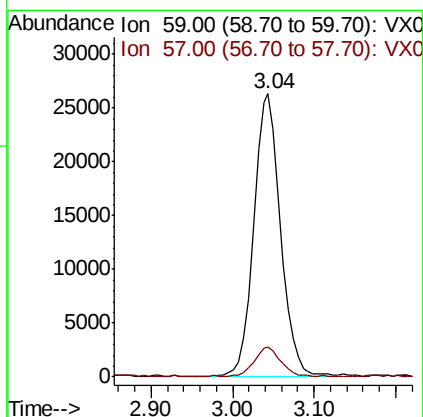
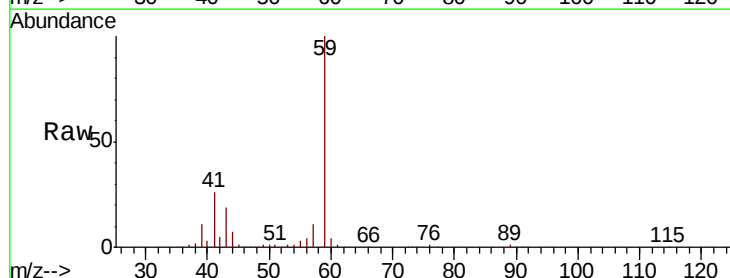
Instrument :
MSVOA_X
ClientSampled :
COMP-3

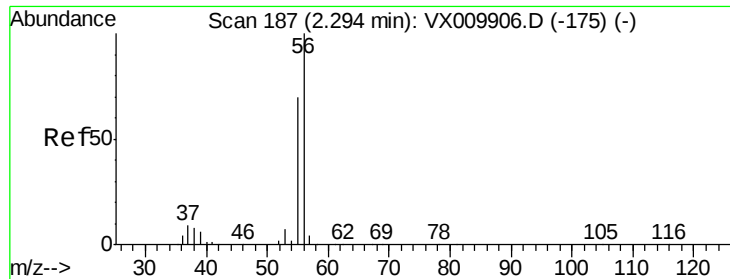
Tgt Ion:142 Resp: 490
Ion Ratio Lower Upper
142 100
127 31.4 32.7 49.1#
141 12.7 11.5 17.3



#11
Tert butyl alcohol
Concen: 93.799 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Tgt Ion: 59 Resp: 60727
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.2





#13

Acrolein

Concen: 24.557 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

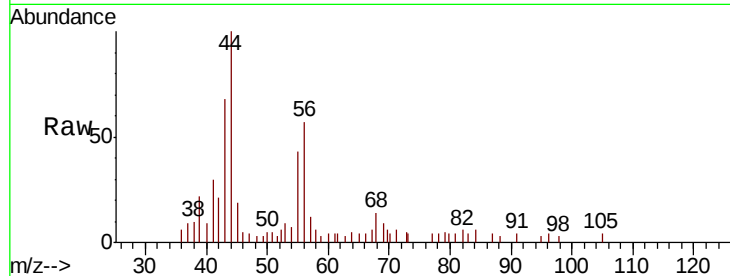
COMP-3

Tgt Ion: 56 Resp: 1734

Ion Ratio Lower Upper

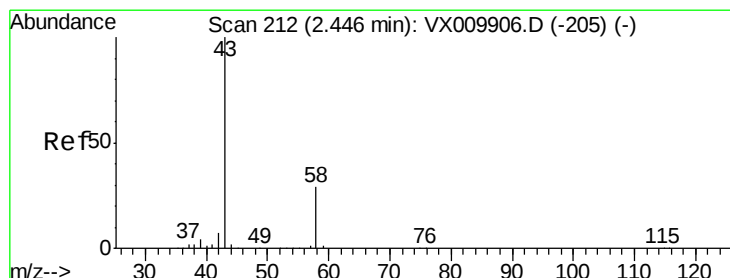
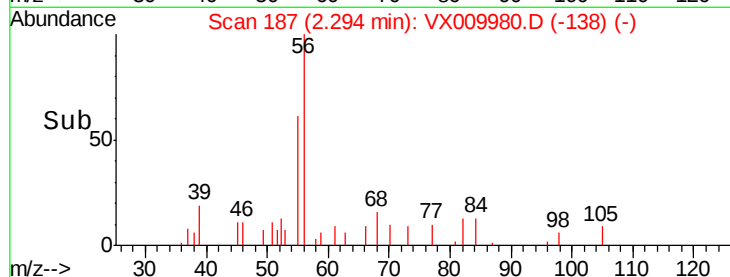
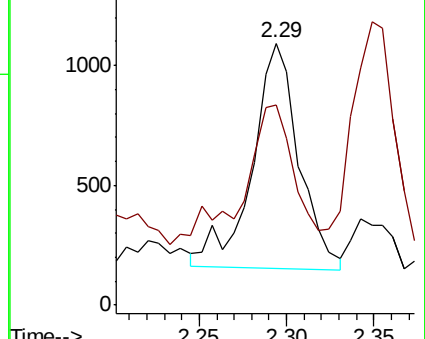
56 100

55 75.4 56.6 85.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 71.323 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009980.D

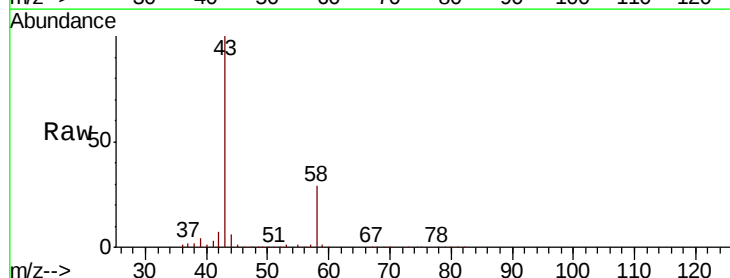
Acq: 31 May 2019 12:48

Tgt Ion: 43 Resp: 108409

Ion Ratio Lower Upper

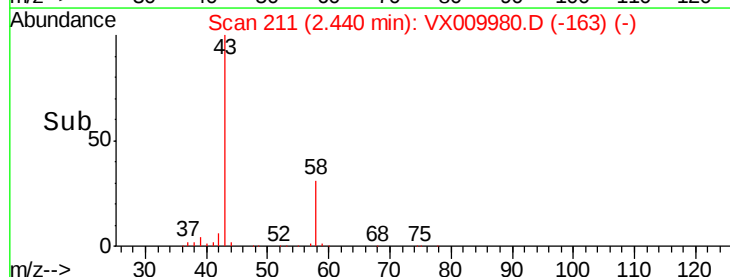
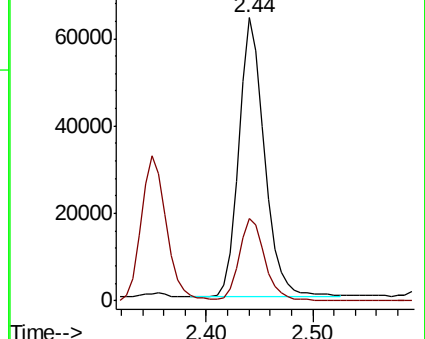
43 100

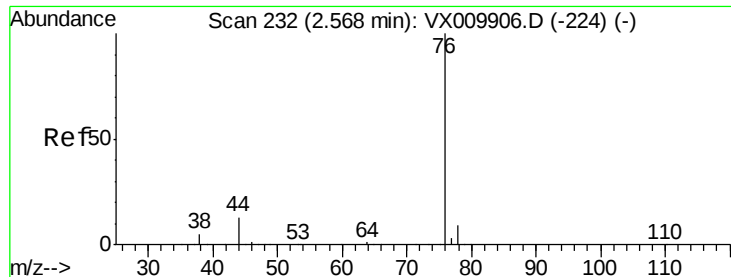
58 29.5 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.773 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

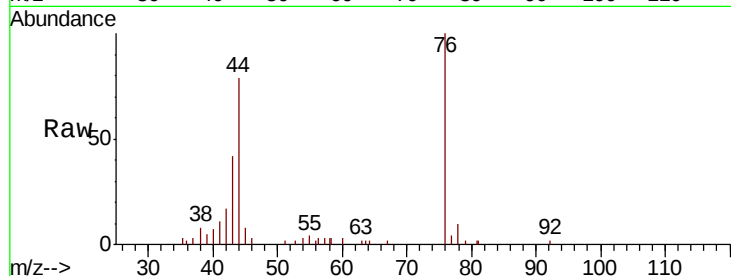
COMP-3

Tgt Ion: 76 Resp: 7988

Ion Ratio Lower Upper

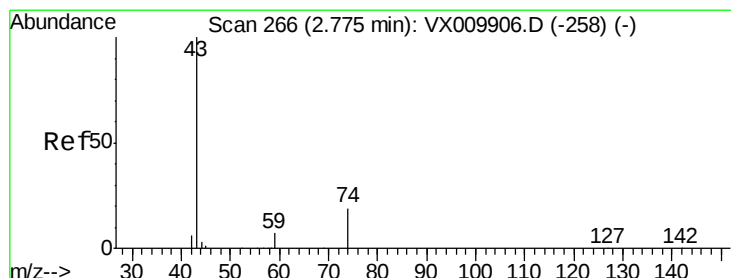
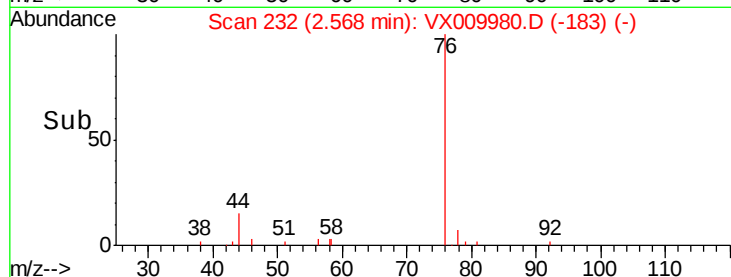
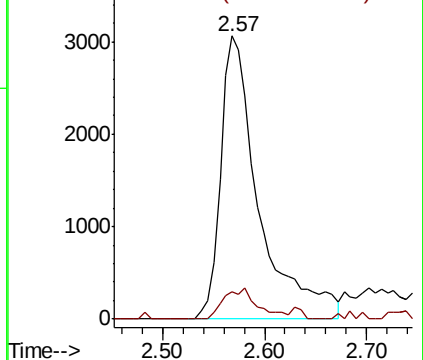
76 100

78 9.9 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 34.832 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009980.D

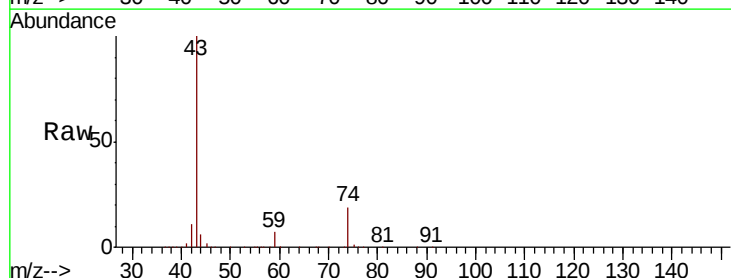
Acq: 31 May 2019 12:48

Tgt Ion: 43 Resp: 123192

Ion Ratio Lower Upper

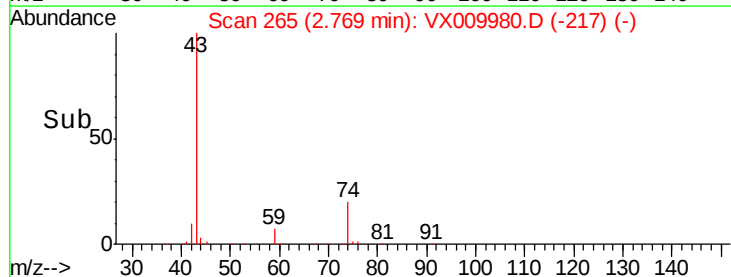
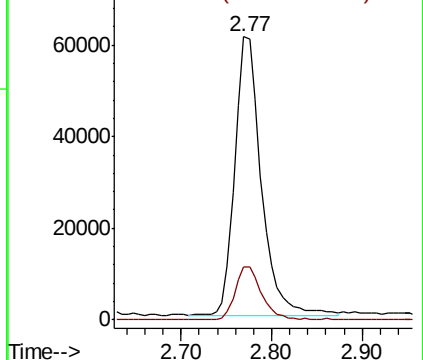
43 100

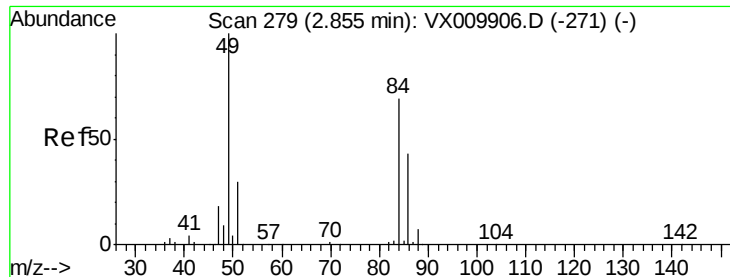
74 19.1 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

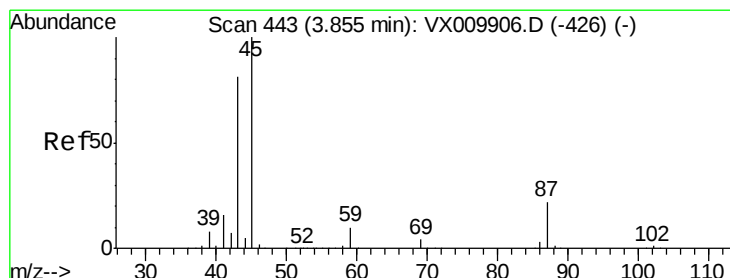
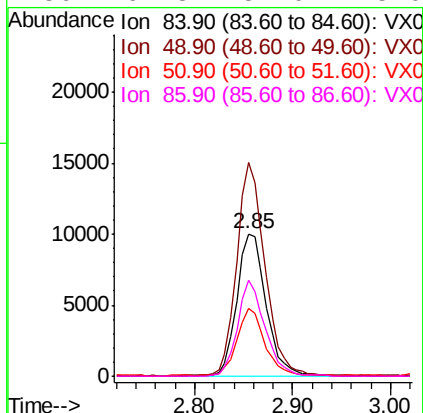
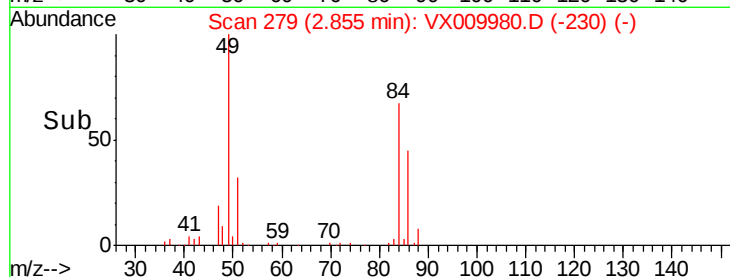
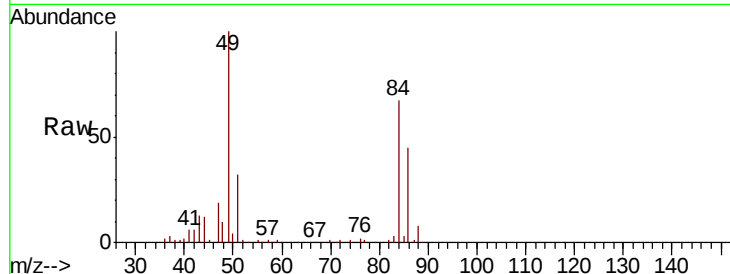




#20
Methylene Chloride
Concen: 8.941 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

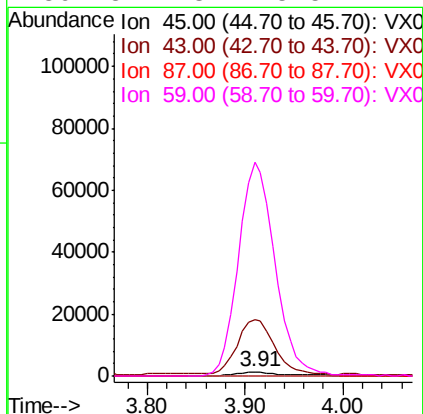
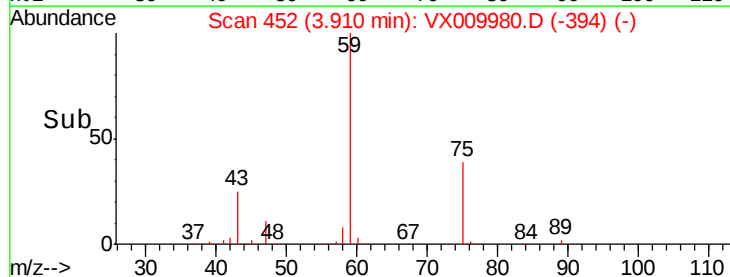
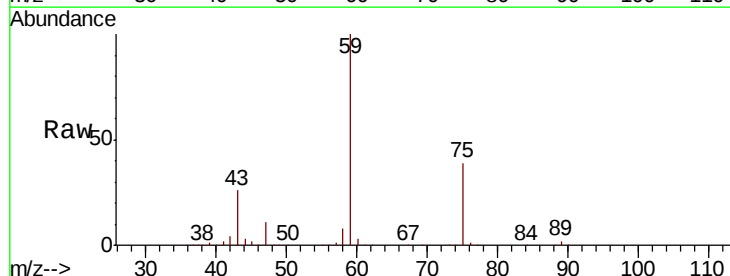
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

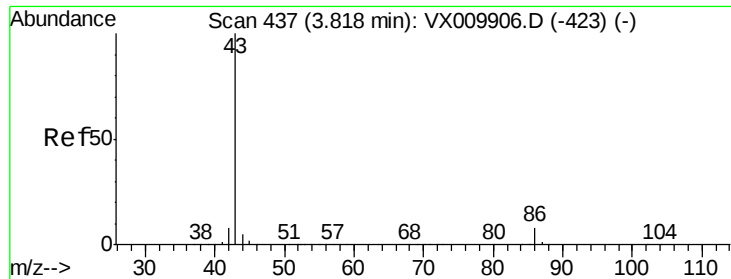
Tgt Ion: 84 Resp: 20811
Ion Ratio Lower Upper
84 100
49 149.4 109.9 164.9
51 47.6 32.7 49.1
86 67.8 52.0 78.0



#22
Diisopropyl ether
Concen: 0.402 ug/l
RT: 3.91 min Scan# 452
Delta R.T. 0.06 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Tgt Ion: 45 Resp: 3503
Ion Ratio Lower Upper
45 100
43 1447.1 56.1 84.1#
87 0.0 18.1 27.1#
59 5711.3 8.5 12.7#





#23

Vinyl Acetate

Concen: 6.175 ug/l

RT: 3.91 min Scan# 452

Delta R.T. 0.10 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

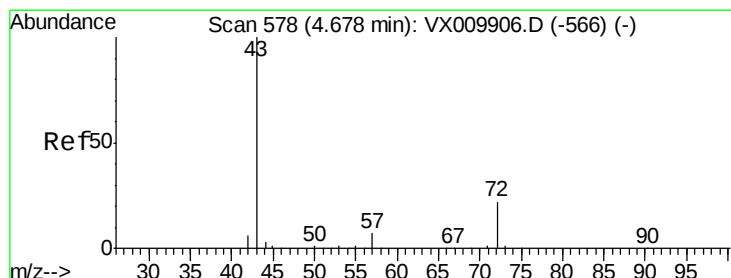
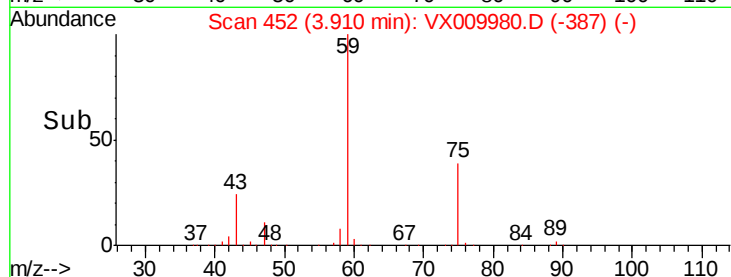
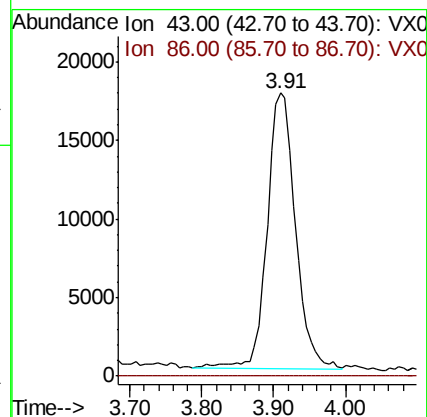
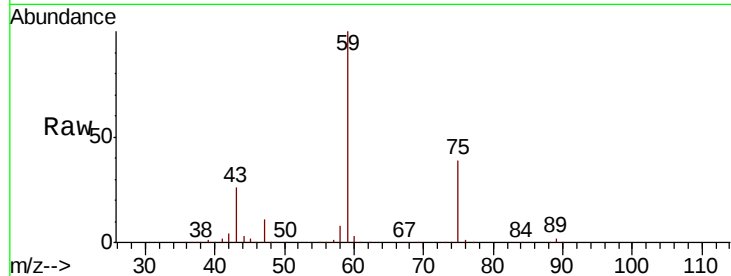
COMP-3

Tgt Ion: 43 Resp: 48380

Ion Ratio Lower Upper

43 100

86 0.0 6.9 10.3#



#25

2-Butanone

Concen: 20.121 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009980.D

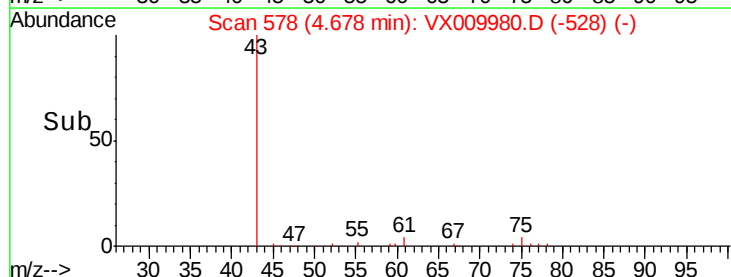
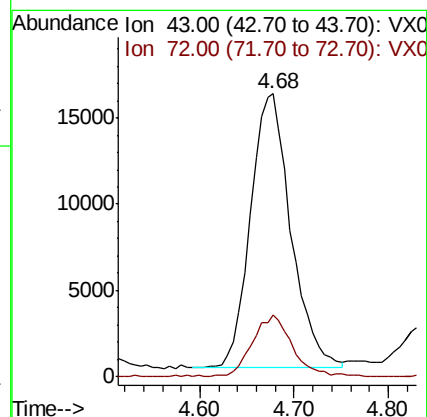
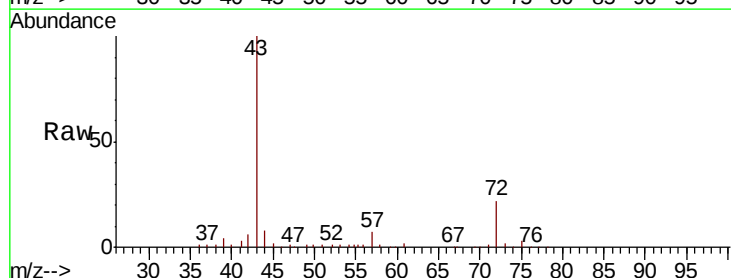
Acq: 31 May 2019 12:48

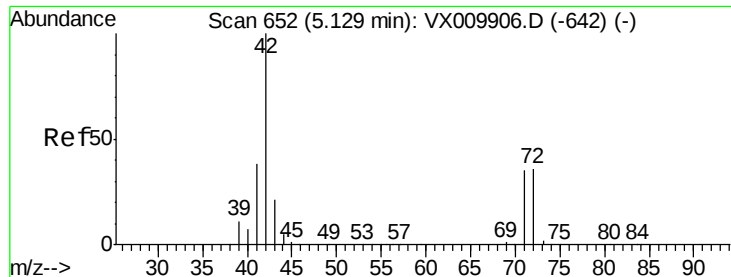
Tgt Ion: 43 Resp: 47649

Ion Ratio Lower Upper

43 100

72 22.1 18.2 27.2





#29

Tetrahydrofuran

Concen: 8.572 ug/l

RT: 4.96 min Scan# 624

Delta R.T. -0.17 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

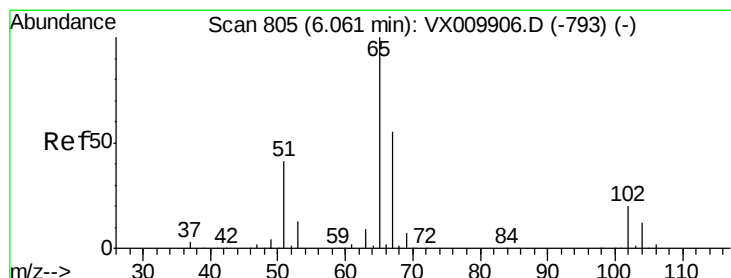
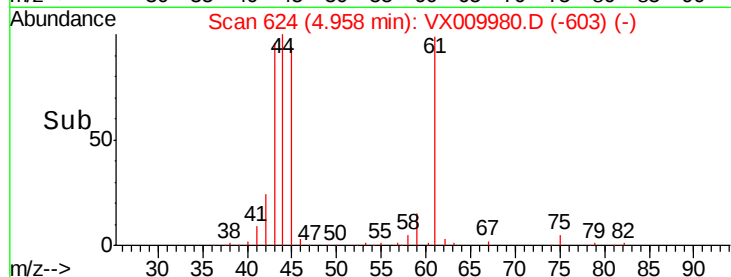
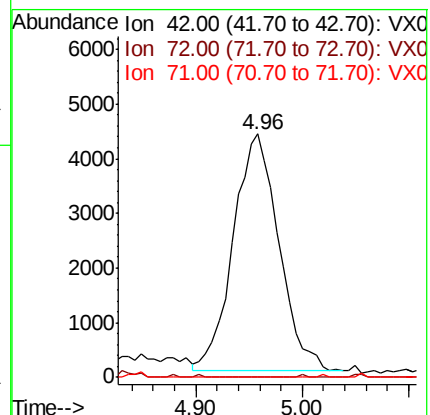
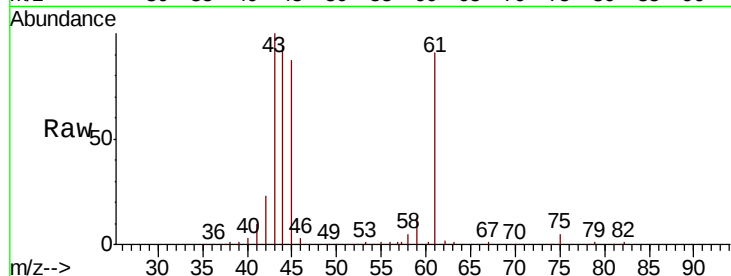
Tgt Ion: 42 Resp: 13017

Ion Ratio Lower Upper

42 100

72 0.0 30.4 45.6#

71 0.0 28.6 43.0#



#33

1,2-Dichloroethane-d4

Concen: 46.495 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009980.D

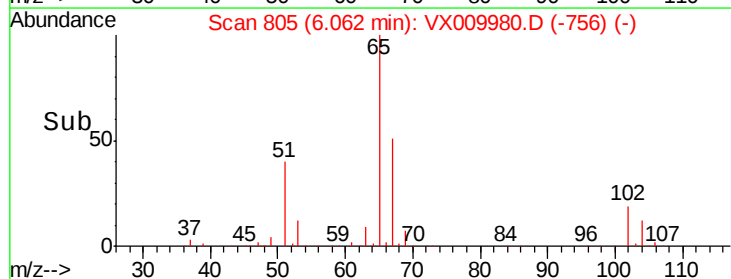
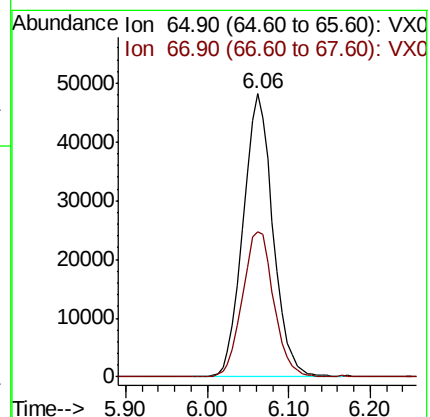
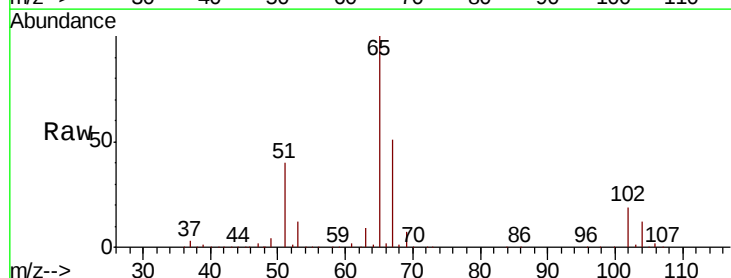
Acq: 31 May 2019 12:48

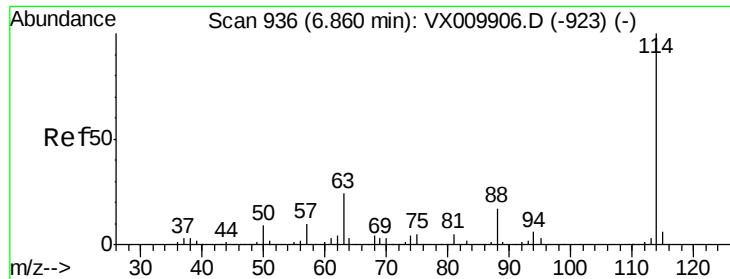
Tgt Ion: 65 Resp: 122316

Ion Ratio Lower Upper

65 100

67 53.8 0.0 106.6

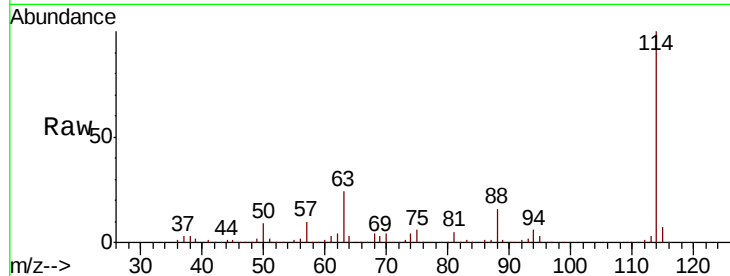




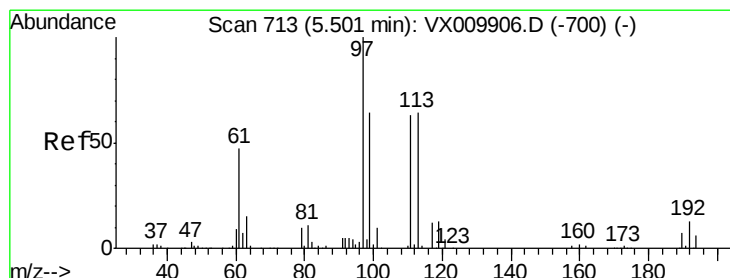
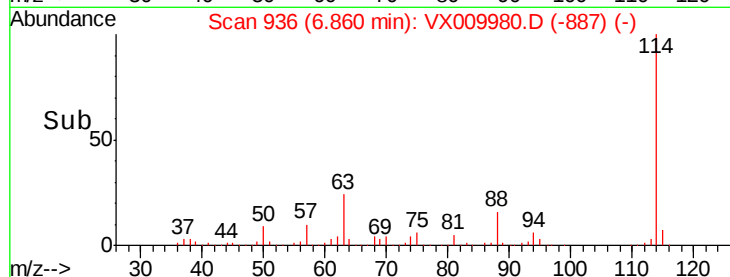
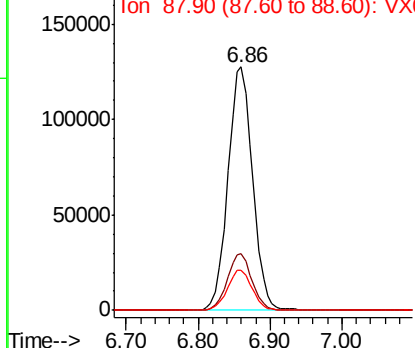
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion:114 Resp: 303602
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.6
88 16.4 0.0 33.2

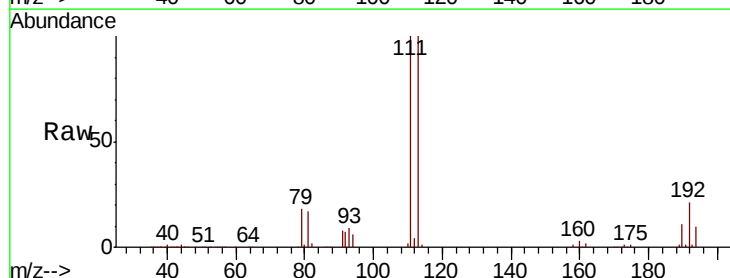


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

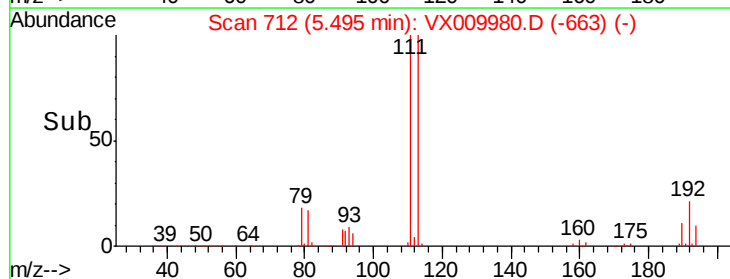
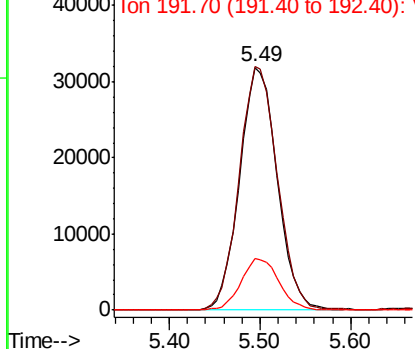


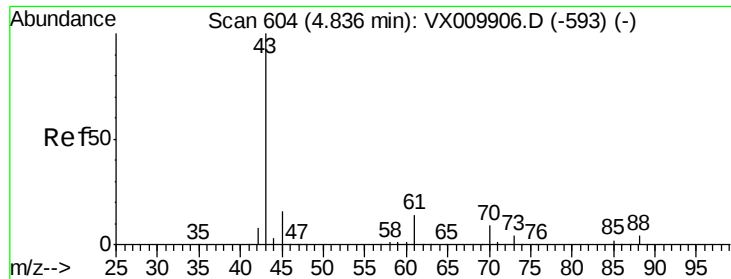
#35
Dibromofluoromethane
Concen: 47.995 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Tgt Ion:113 Resp: 91611
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 21.5 17.0 25.6



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

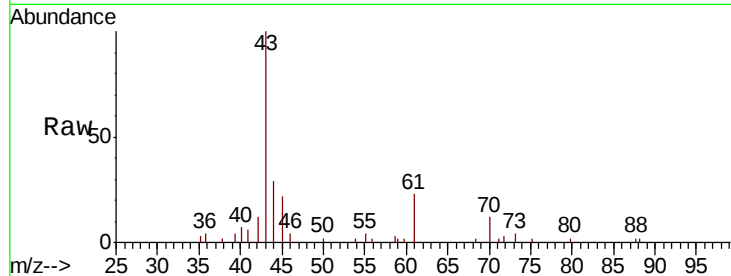




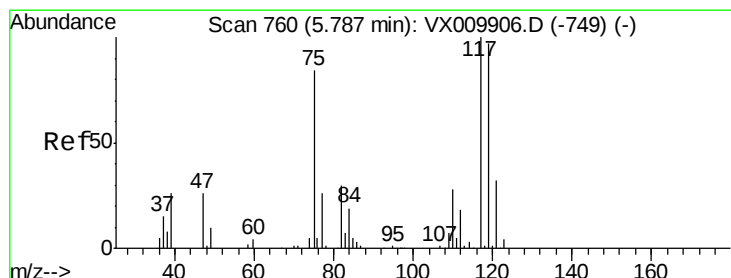
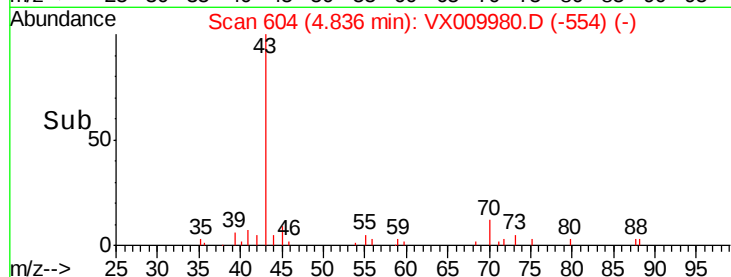
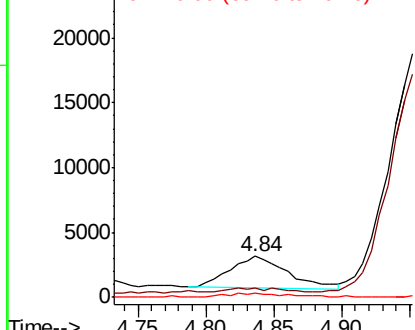
#37
Ethyl Acetate
Concen: 1.672 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion: 43 Resp: 7178
Ion Ratio Lower Upper
43 100
61 0.0 10.5 15.7#
70 14.6 7.9 11.9#

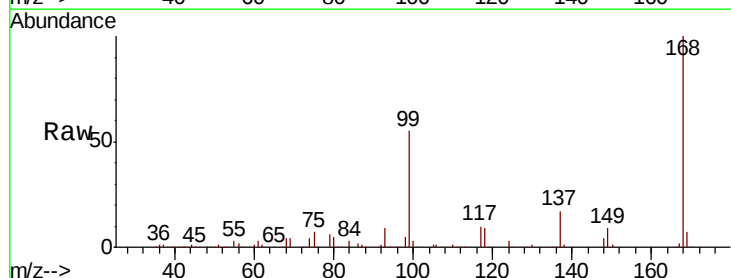


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

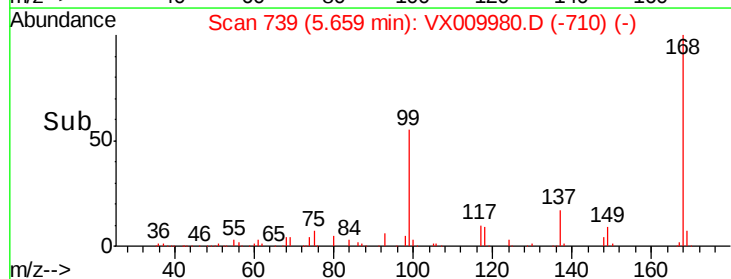
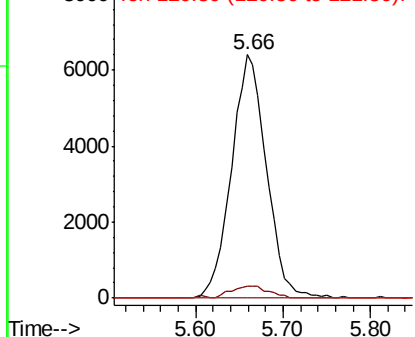


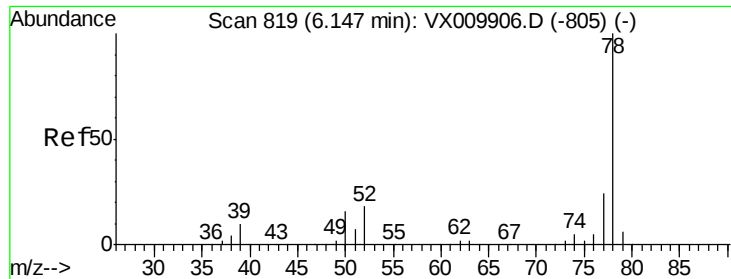
#38
Carbon Tetrachloride
Concen: 6.663 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.12 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Tgt Ion: 117 Resp: 17735
Ion Ratio Lower Upper
117 100
119 4.8 77.5 116.3#
121 0.0 24.7 37.1#



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





#40

Benzene

Concen: 0.699 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

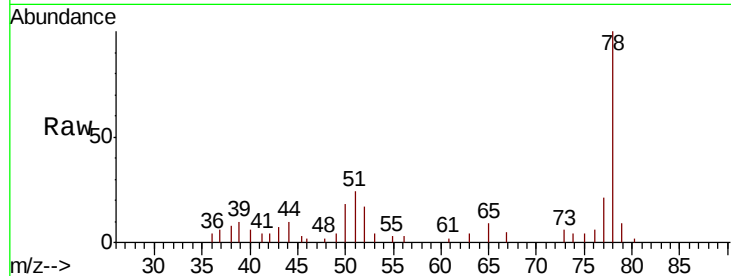
COMP-3

Tgt Ion: 78 Resp: 6386

Ion Ratio Lower Upper

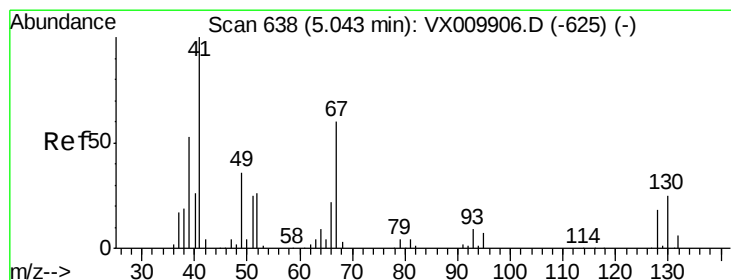
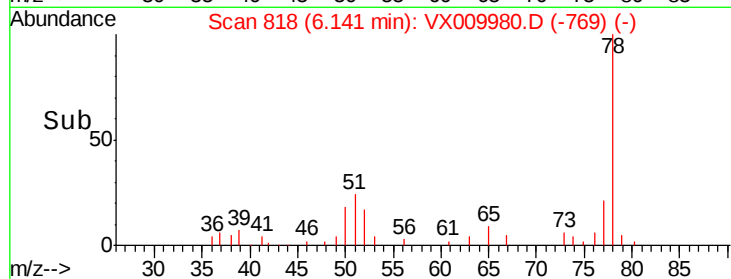
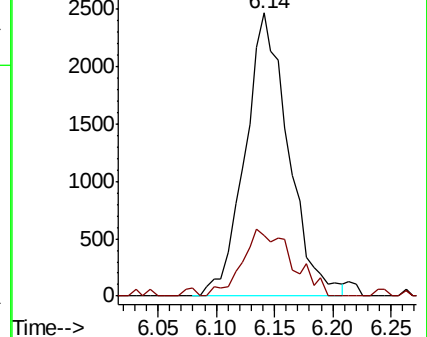
78 100

77 21.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 2.372 ug/l

RT: 4.95 min Scan# 623

Delta R.T. -0.09 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Tgt Ion: 41 Resp: 5948

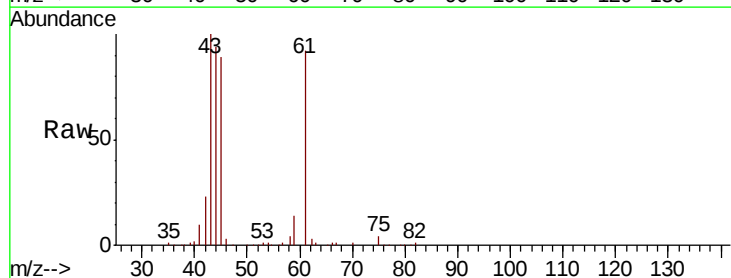
Ion Ratio Lower Upper

41 100

39 0.0 42.0 63.0#

67 0.0 49.8 74.8#

52 0.9 20.3 30.5#

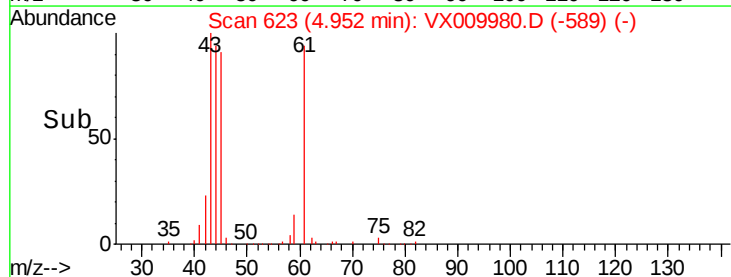
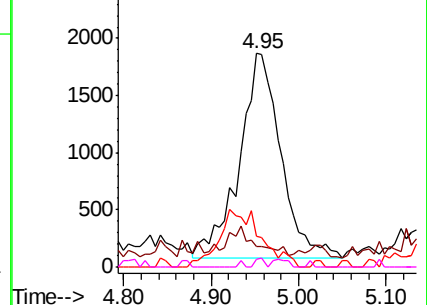


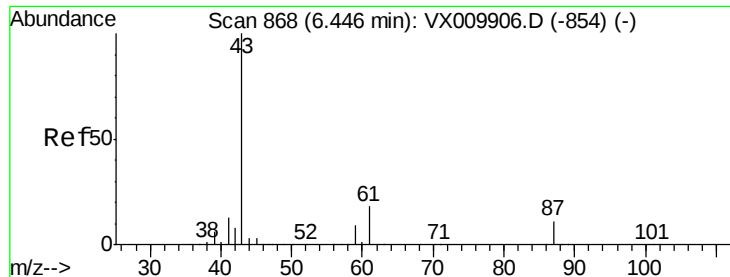
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 0.357 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

COMP-3

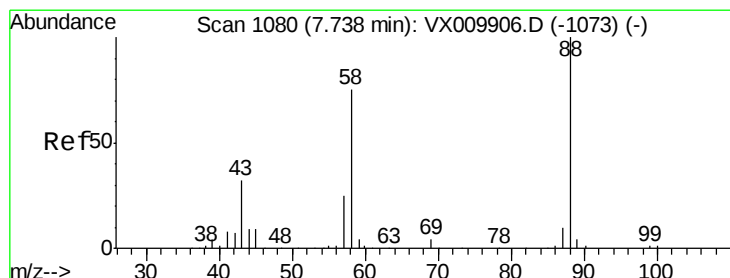
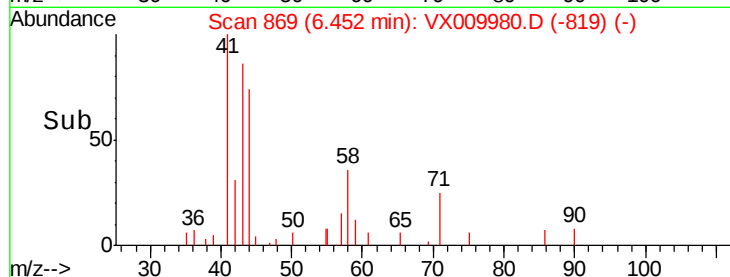
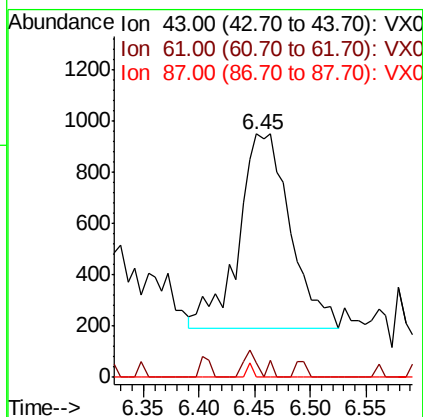
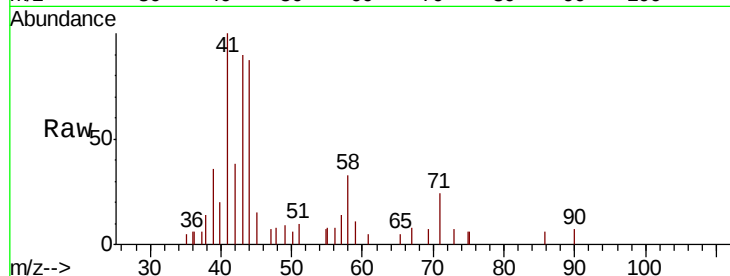
Tgt Ion: 43 Resp: 2471

Ion Ratio Lower Upper

43 100

61 3.2 15.1 22.7#

87 0.8 9.0 13.6#



#49

1,4-Dioxane

Concen: 21.263 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

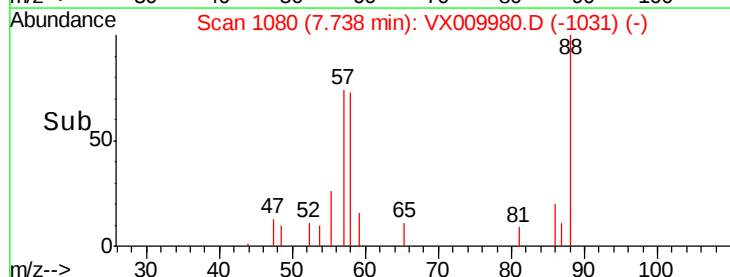
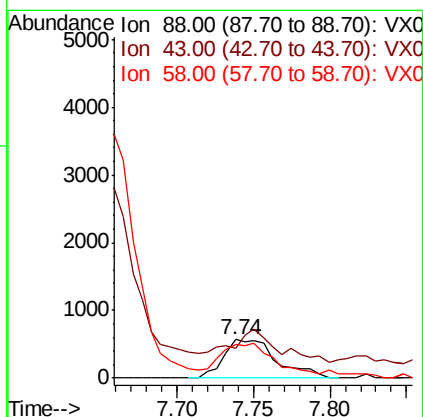
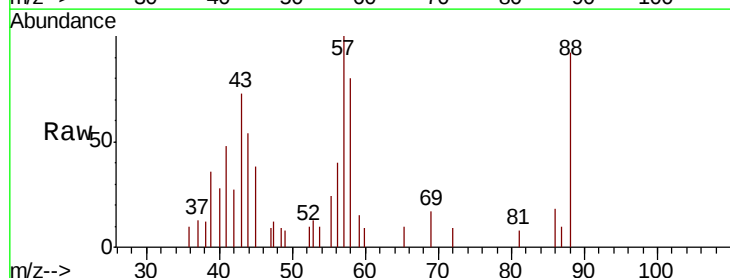
Tgt Ion: 88 Resp: 1356

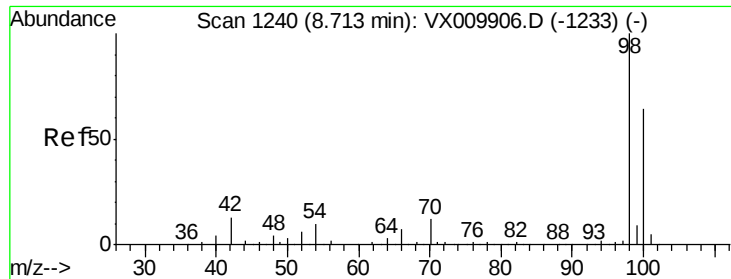
Ion Ratio Lower Upper

88 100

43 76.3 28.6 42.8#

58 80.8 61.7 92.5

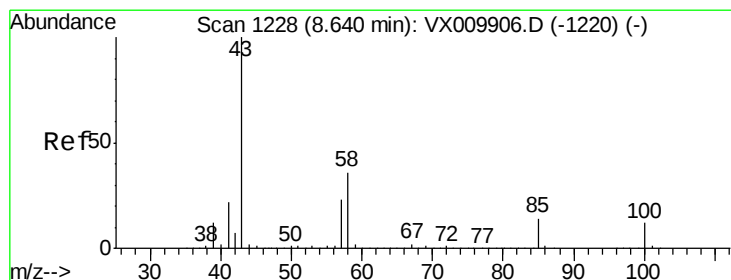
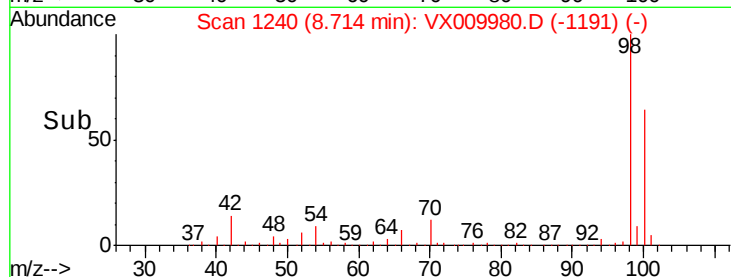
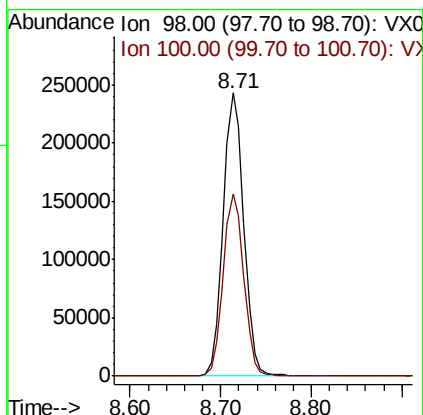
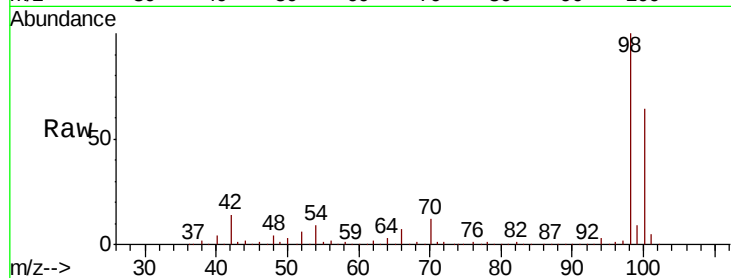




#50
Toluene-d8
Concen: 49.841 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

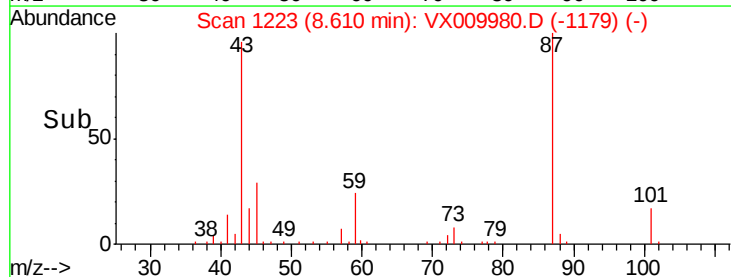
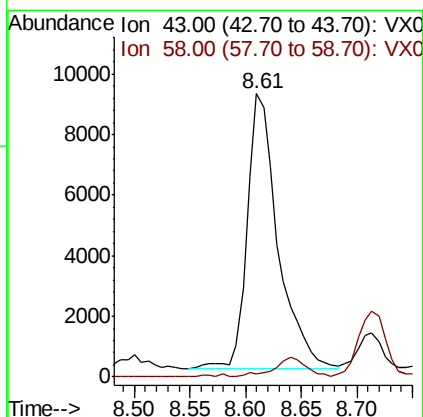
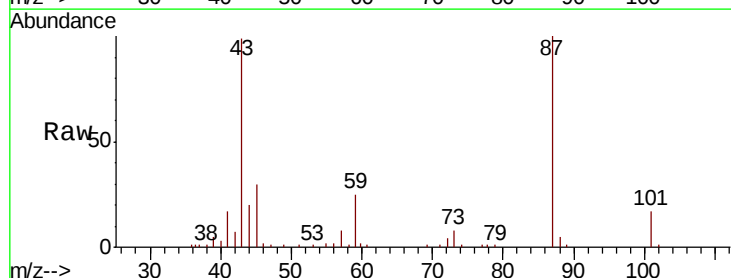
Instrument :
MSVOA_X
ClientSampled :
COMP-3

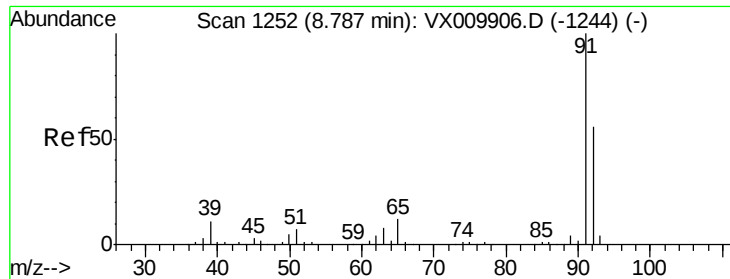
Tgt Ion: 98 Resp: 386321
Ion Ratio Lower Upper
98 100
100 64.3 51.2 76.8



#51
4-Methyl-2-Pentanone
Concen: 3.893 ug/l
RT: 8.61 min Scan# 1223
Delta R.T. -0.03 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Tgt Ion: 43 Resp: 17539
Ion Ratio Lower Upper
43 100
58 0.0 29.5 44.3#





#52

Toluene

Concen: 68.022 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

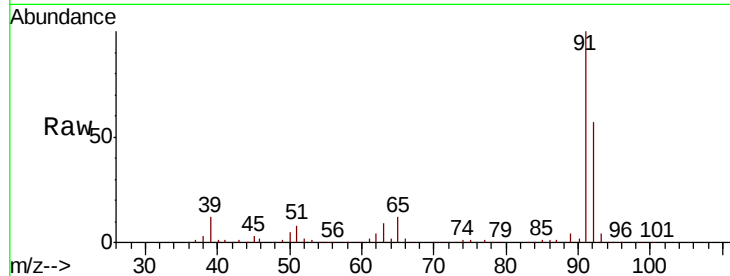
COMP-3

Tgt Ion: 92 Resp: 377395

Ion Ratio Lower Upper

92 100

91 174.2 138.8 208.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

400000

300000

200000

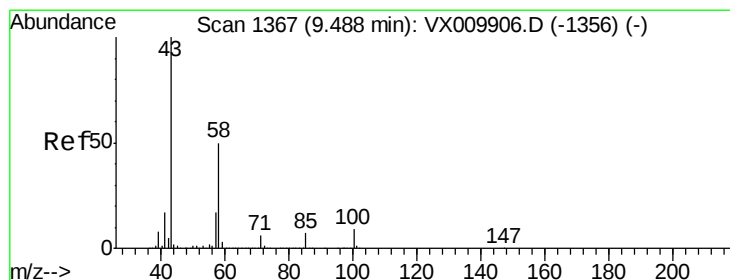
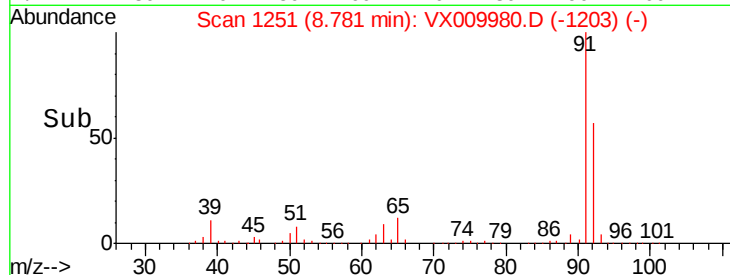
100000

0

8.78

8.70 8.80 8.90

Time-->



#59

2-Hexanone

Concen: 0.397 ug/l

RT: 9.49 min Scan# 1368

Delta R.T. 0.01 min

Lab File: VX009980.D

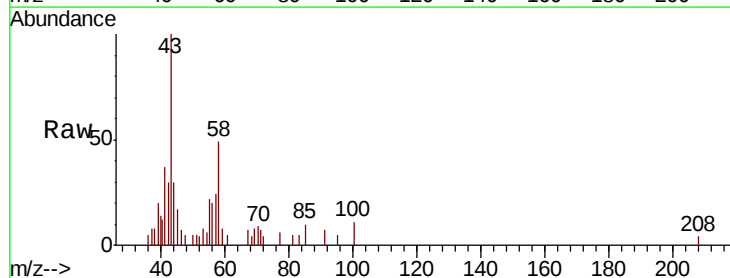
Acq: 31 May 2019 12:48

Tgt Ion: 43 Resp: 1376

Ion Ratio Lower Upper

43 100

58 80.4 25.9 77.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1000

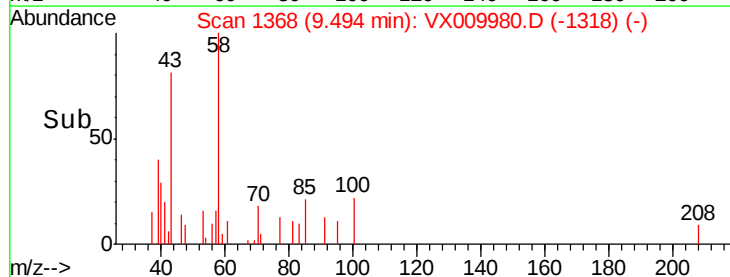
500

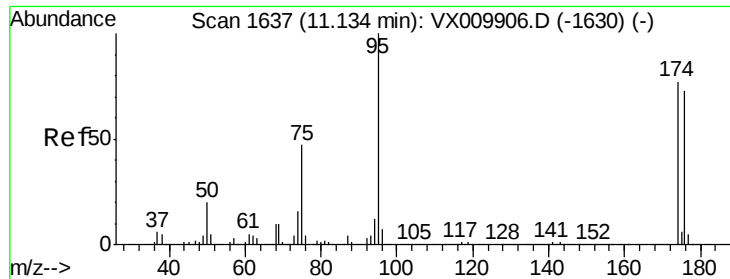
0

9.49

9.45 9.50

Time-->





#62

4-Bromofluorobenzene

Concen: 49.501 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

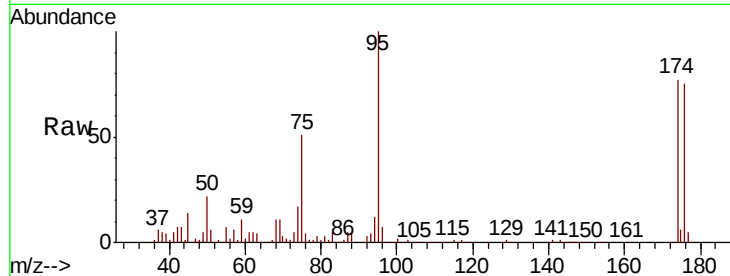
Tgt Ion: 95 Resp: 137813

Ion Ratio Lower Upper

95 100

174 80.6 0.0 161.6

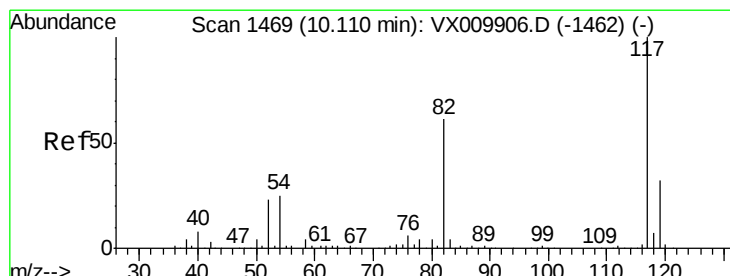
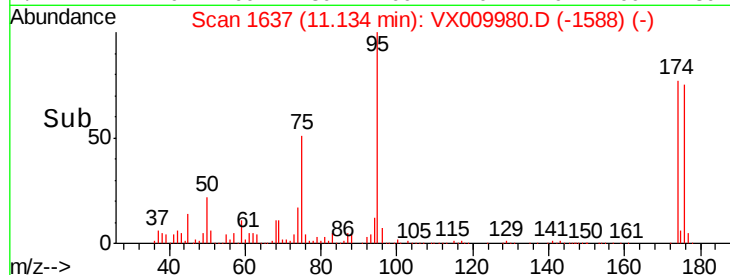
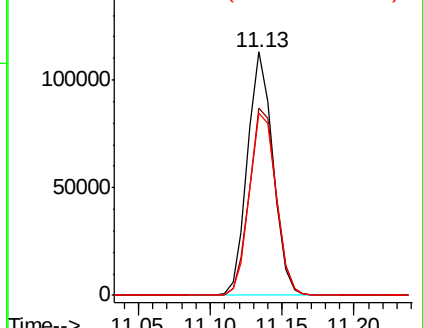
176 78.7 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009980.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009980.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009980.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

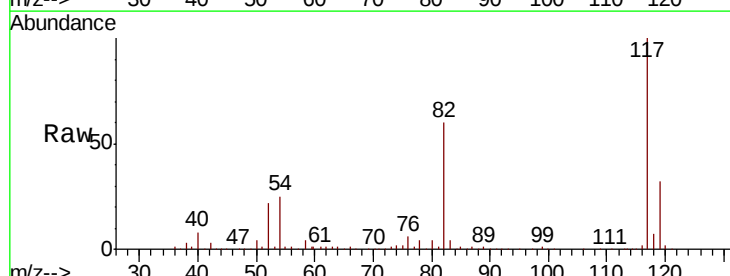
Tgt Ion: 117 Resp: 276201

Ion Ratio Lower Upper

117 100

82 59.6 48.8 73.2

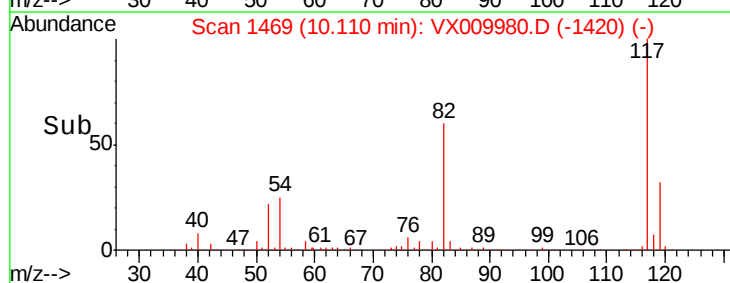
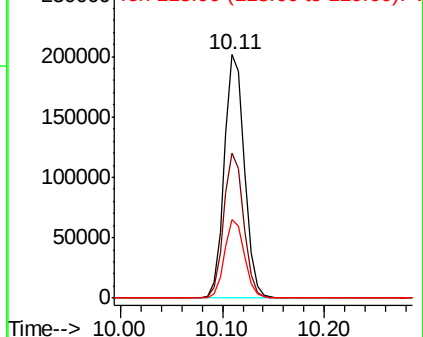
119 32.1 25.8 38.6

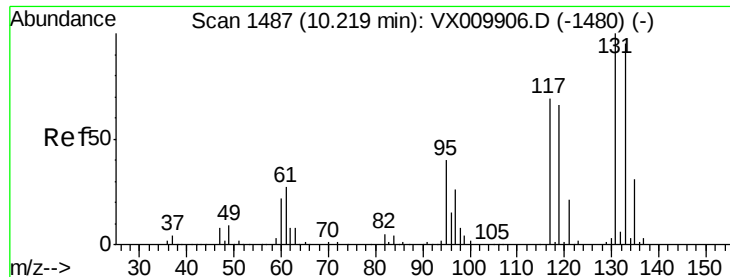


Abundance Ion 116.90 (116.60 to 117.60): VX009980.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009980.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009980.D (-1420) (-)

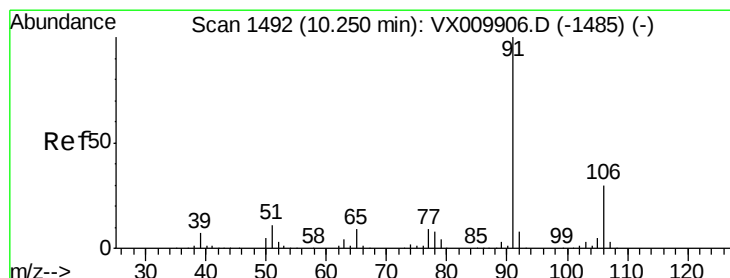
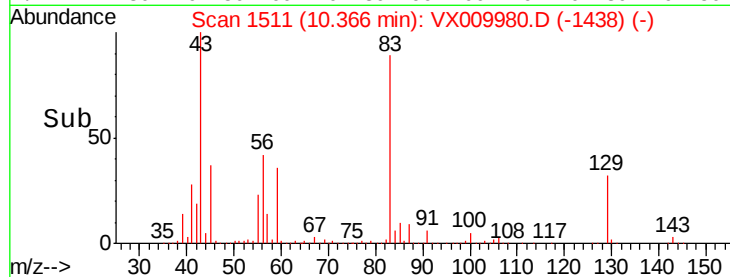
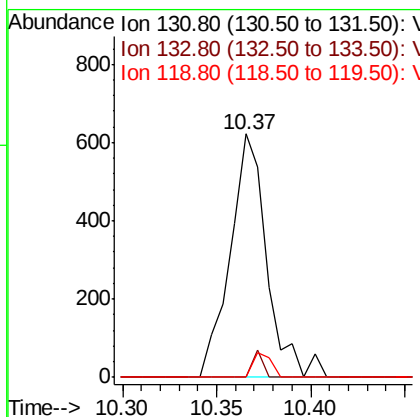
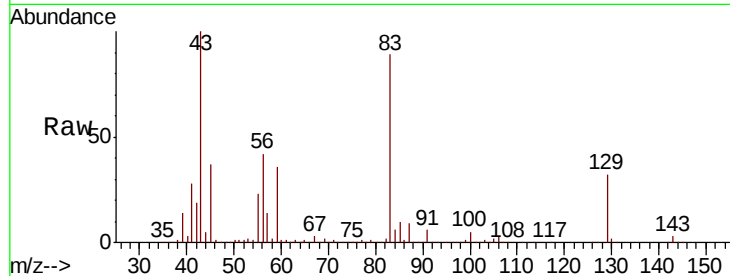




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.417 ug/l
 RT: 10.37 min Scan# 1511
 Delta R.T. 0.15 min
 Lab File: VX009980.D
 Acq: 31 May 2019 12:48

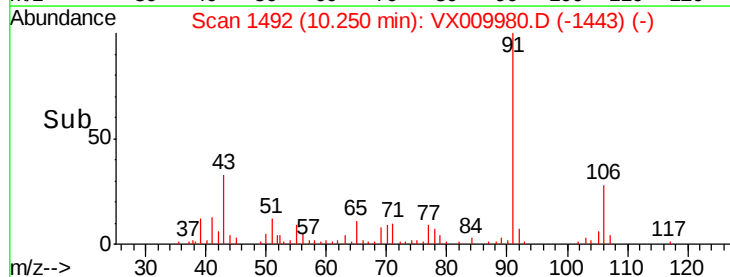
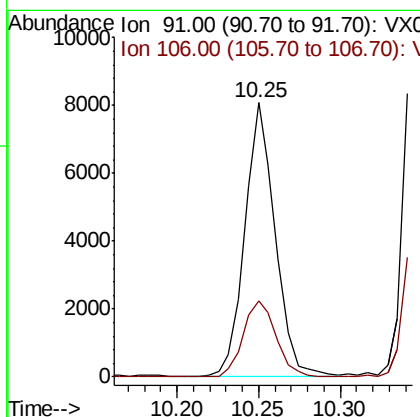
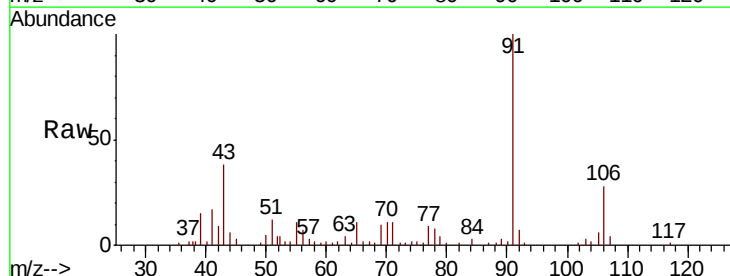
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-3

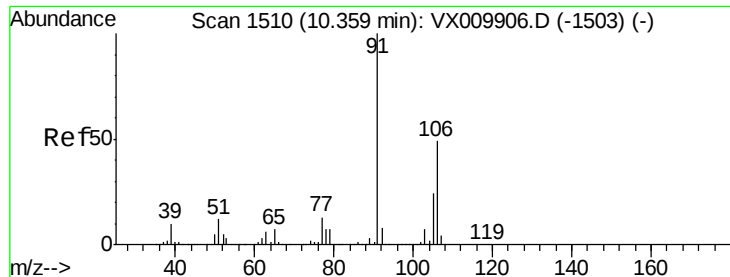
Tgt Ion: 131 Resp: 837
 Ion Ratio Lower Upper
 131 100
 133 3.0 47.7 143.1#
 119 0.0 33.5 100.4#



#67
 Ethyl Benzene
 Concen: 1.012 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX009980.D
 Acq: 31 May 2019 12:48

Tgt Ion: 91 Resp: 10511
 Ion Ratio Lower Upper
 91 100
 106 27.8 24.0 36.0

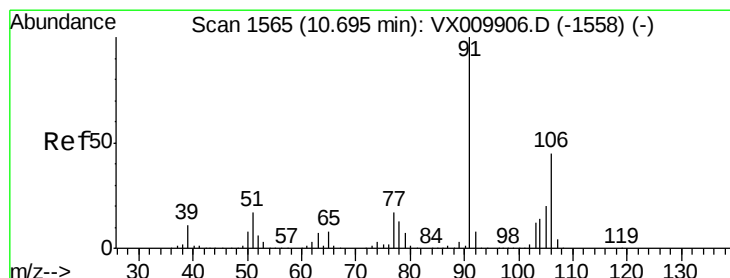
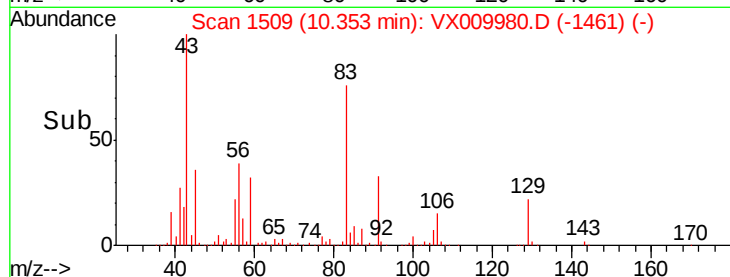
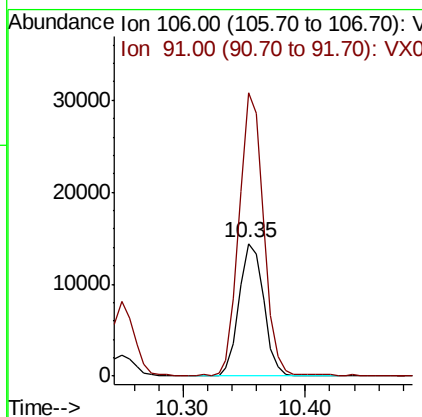
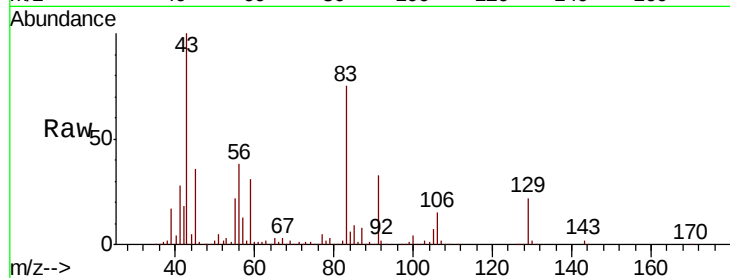




#68
m/p-Xylenes
Concen: 5.255 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

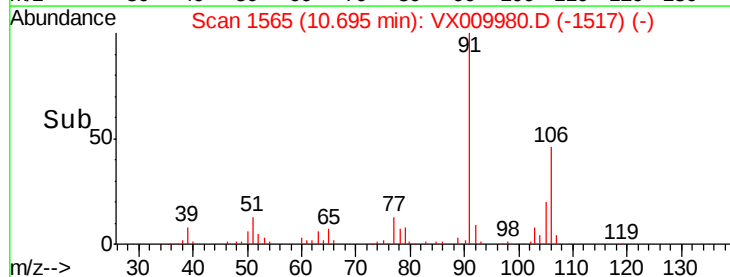
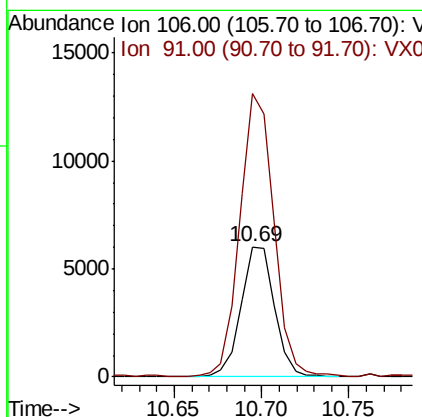
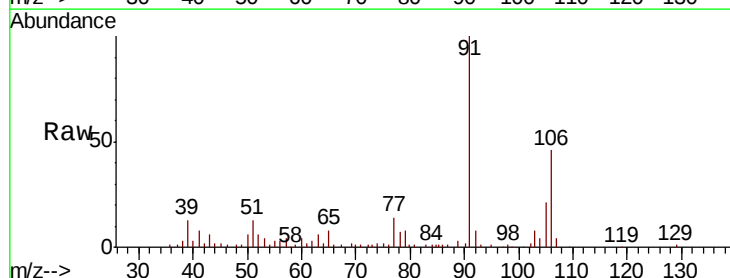
Instrument :
MSVOA_X
ClientSampleId :
COMP-3

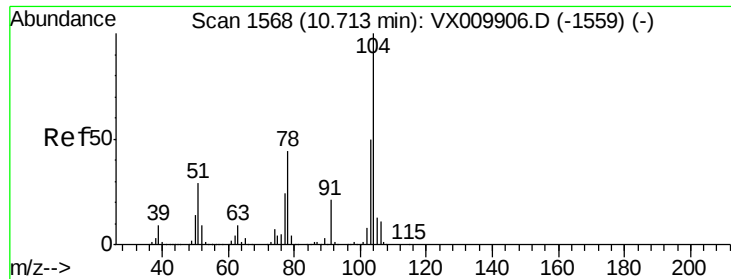
Tgt Ion:106 Resp: 20156
Ion Ratio Lower Upper
106 100
91 210.2 164.0 246.0



#69
o-Xylene
Concen: 2.182 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Tgt Ion:106 Resp: 8025
Ion Ratio Lower Upper
106 100
91 221.2 109.5 328.4





#70

Styrene

Concen: 0.280 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

COMP-3

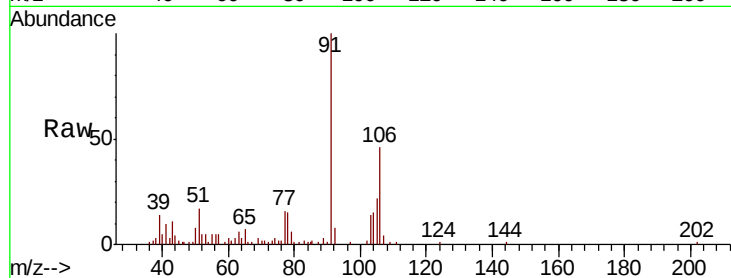
Tgt Ion:104 Resp: 1809

Ion Ratio Lower Upper

104 100

78 115.1 41.0 61.4#

103 112.2 43.8 65.6#

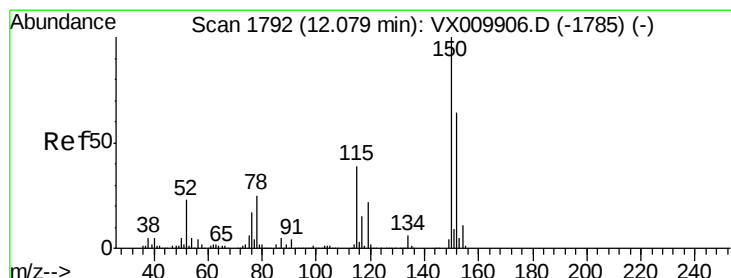
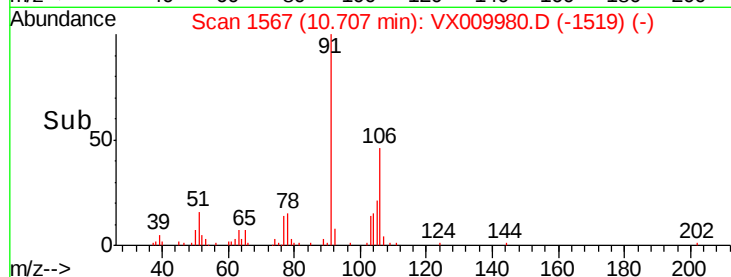
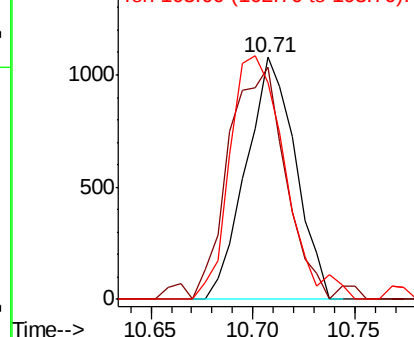


Abundance

Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

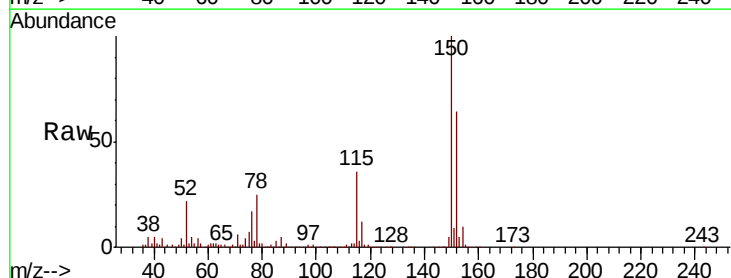
Tgt Ion:152 Resp: 126265

Ion Ratio Lower Upper

152 100

115 59.9 41.2 123.6

150 156.9 0.0 346.4

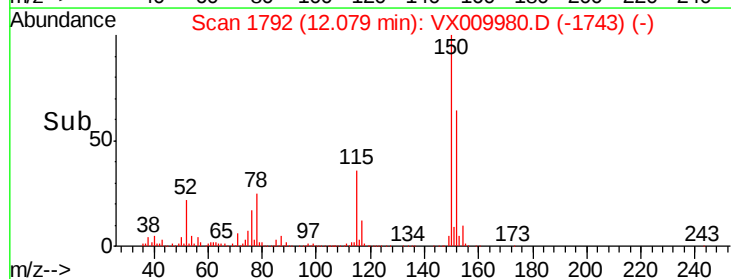
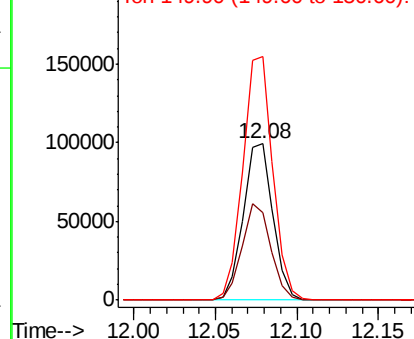


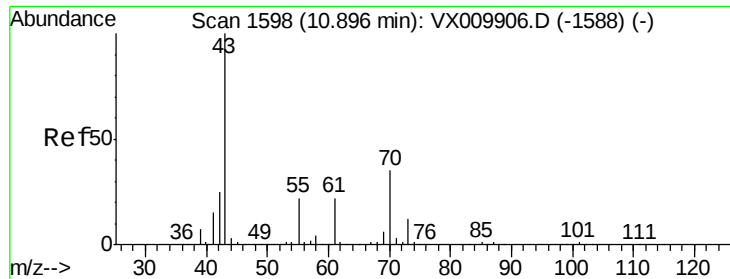
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#74

N-amyI acetate

Concen: 0.253 ug/l

RT: 10.91 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampleId :

COMP-3

Tgt Ion: 43 Resp: 1410

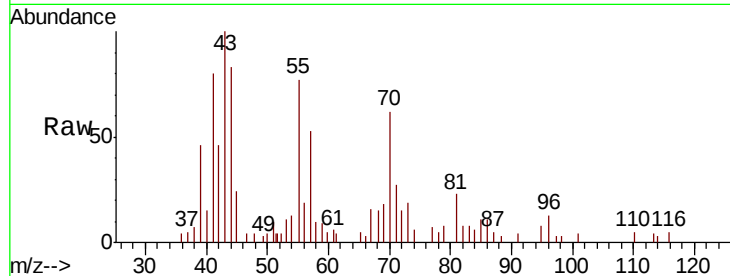
Ion Ratio Lower Upper

43 100

70 118.2 30.0 45.0#

55 0.0 17.9 26.9#

61 0.0 18.4 27.6#

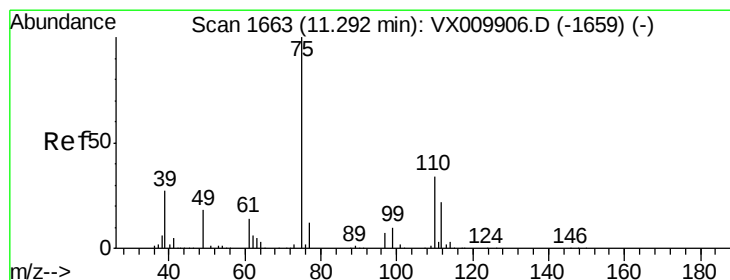
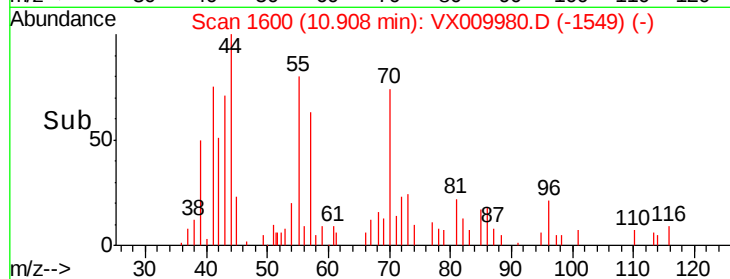
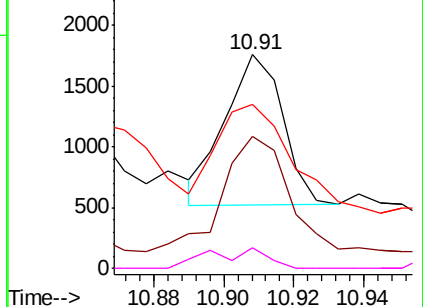


Abundance Ion 43.00 (42.70 to 43.70): VX0

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



#76

1,2,3-Trichloropropane

Concen: 20.008 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009980.D

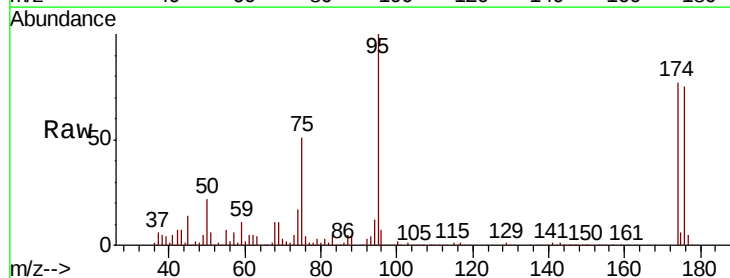
Acq: 31 May 2019 12:48

Tgt Ion: 75 Resp: 71517

Ion Ratio Lower Upper

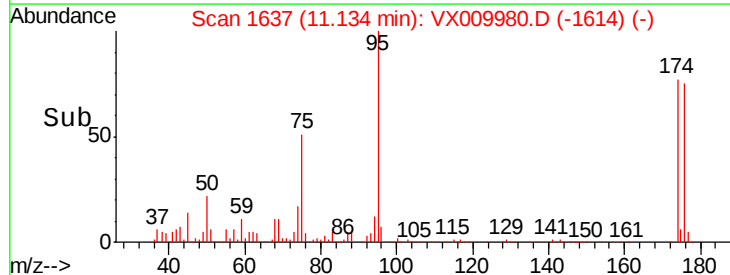
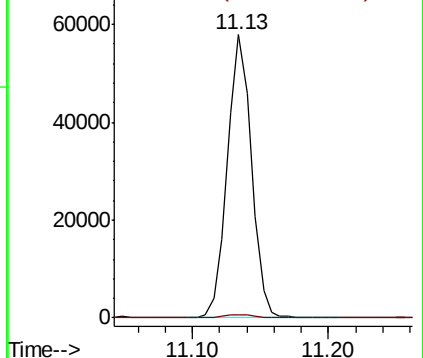
75 100

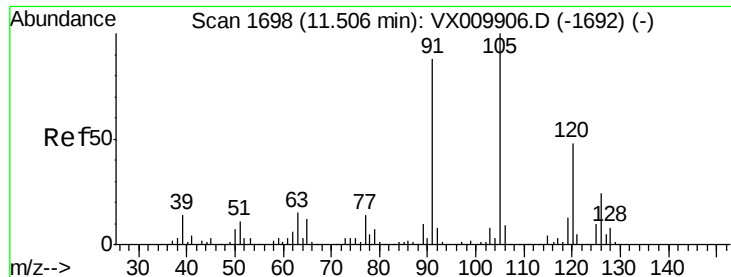
77 1.7 22.1 66.1#



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: 0.342 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

Instrument :

MSVOA_X

ClientSampled :

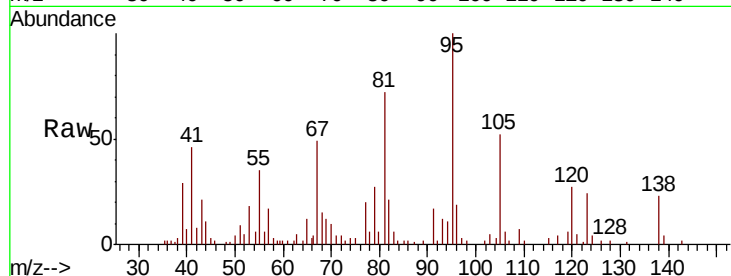
COMP-3

Tgt Ion:105 Resp: 2686

Ion Ratio Lower Upper

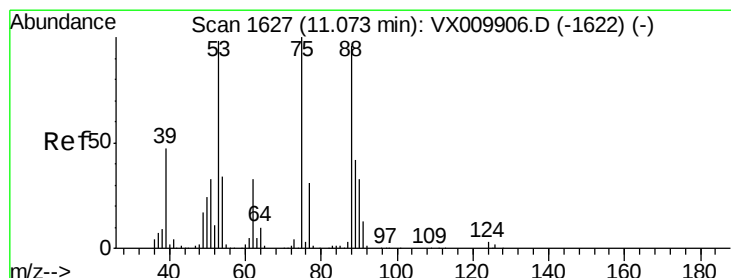
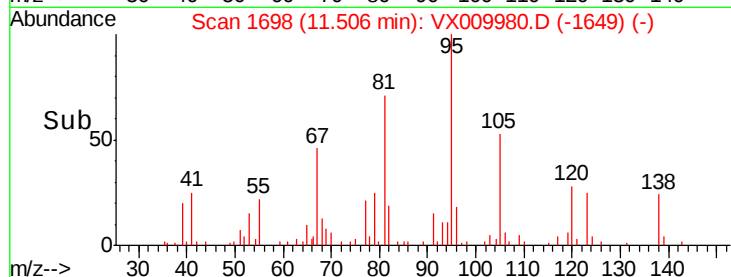
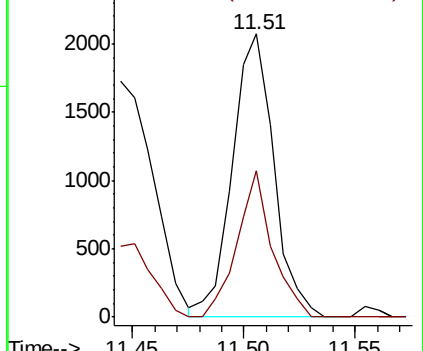
105 100

120 43.6 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.603 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009980.D

Acq: 31 May 2019 12:48

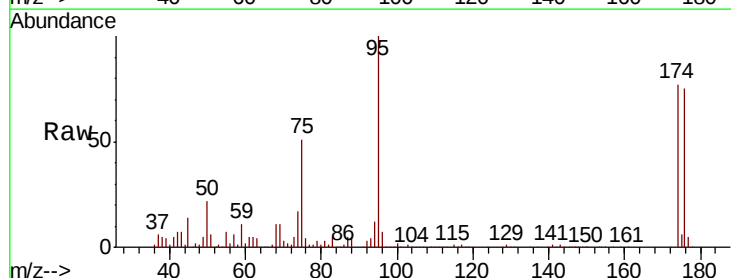
Tgt Ion: 75 Resp: 71517

Ion Ratio Lower Upper

75 100

53 1.2 79.0 118.6#

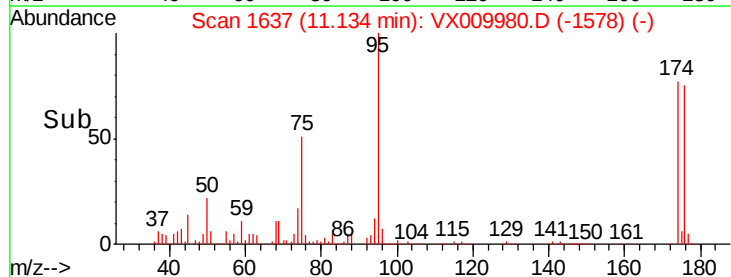
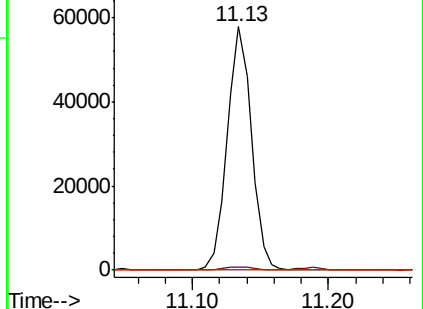
89 0.0 34.7 52.1#

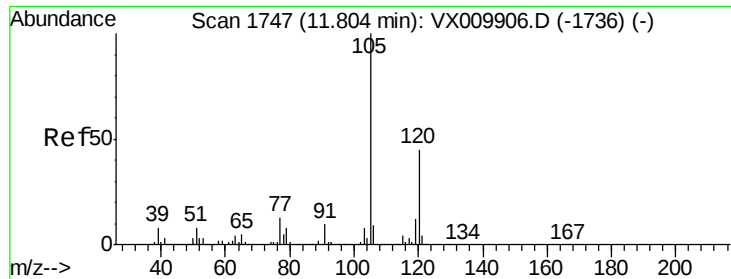


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

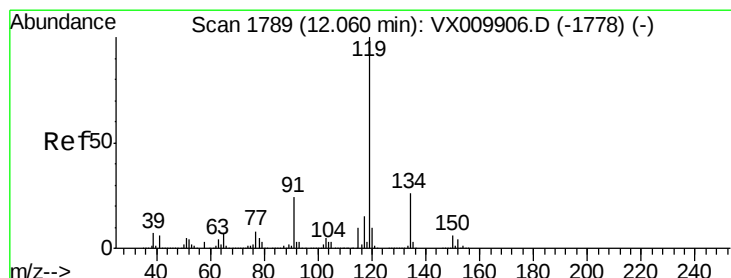
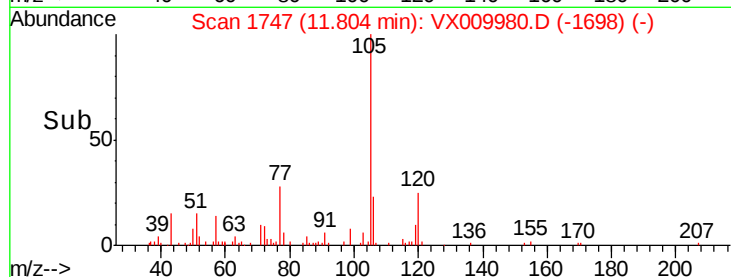
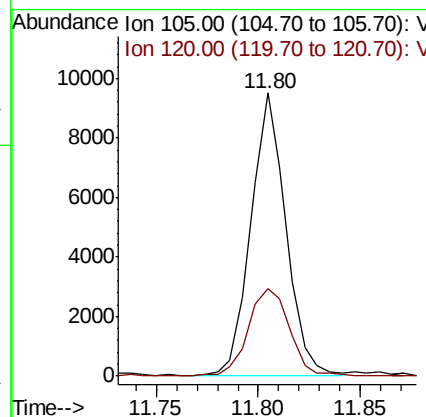
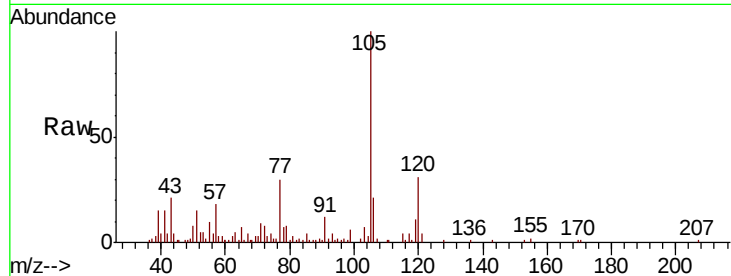




#84
 1,2,4-Trimethylbenzene
 Concen: 1.425 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX009980.D
 Acq: 31 May 2019 12:48

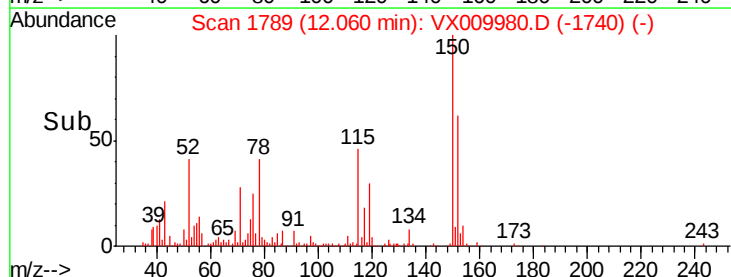
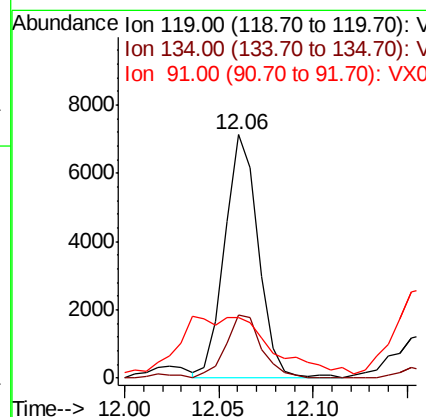
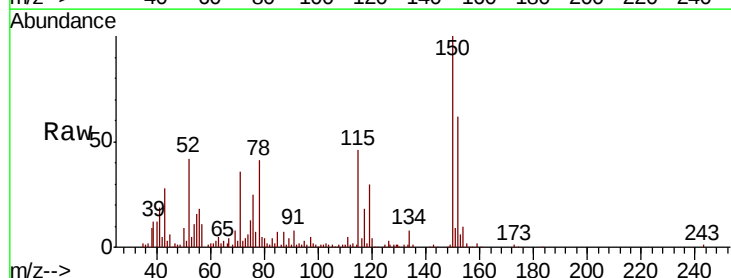
Instrument :
 MSVOA_X
 ClientSampled :
 COMP-3

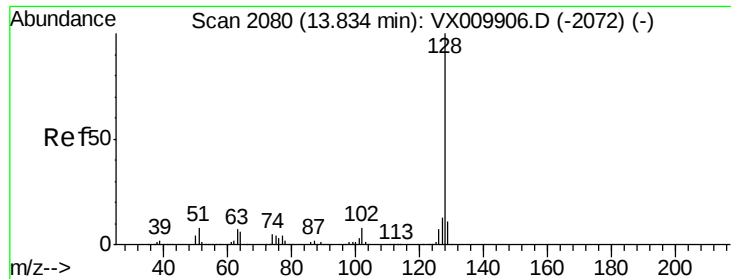
Tgt Ion:105 Resp: 11361
 Ion Ratio Lower Upper
 105 100
 120 36.3 22.0 66.0



#86
 p-Isopropyltoluene
 Concen: 1.104 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009980.D
 Acq: 31 May 2019 12:48

Tgt Ion:119 Resp: 8874
 Ion Ratio Lower Upper
 119 100
 134 27.3 12.9 38.7
 91 0.0 11.8 35.4#

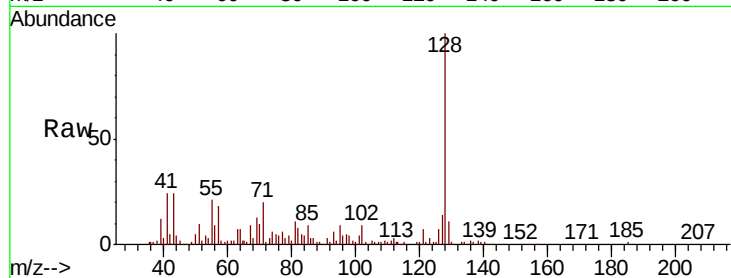




#95
Naphthalene
Concen: 2.361 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX009980.D
Acq: 31 May 2019 12:48

Instrument :
MSVOA_X
ClientSampleId :
COMP-3

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.4	15.6
129	12.5	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

