

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
 Data File : VX009615.D
 Acq On : 16 May 2019 18:18
 Operator : JC/SP
 Sample : K2866-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-1

Quant Time: May 17 06:40:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	269782	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235811	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	92736	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	113540	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
35) Dibromofluoromethane	5.50	113	82873	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.71	98	342106	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	11.13	95	107129	43.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.12%	

Target Compounds

						Qvalue
10) Methyl Iodide	2.51	142	39	4.613	ug/l #	42
11) Tert butyl alcohol	3.04	59	398	0.736	ug/l #	86
13) Acrolein	2.29	56	195	0.398	ug/l #	1
16) Acetone	2.45	43	20773	16.567	ug/l	98
18) Methyl Acetate	2.78	43	6124	2.054	ug/l	98
20) Methylene Chloride	2.85	84	40540	19.969	ug/l	96
25) 2-Butanone	4.68	43	3536	1.815	ug/l	97
28) Bromochloromethane	5.01	49	44	Below Cal	#	20
29) Tetrahydrofuran	5.15	42	1780	1.420	ug/l	97
31) Cyclohexane	5.65	56	3837	1.111	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	13471	5.373	ug/l #	51
38) Carbon Tetrachloride	5.67	117	16240	7.129	ug/l #	16
43) Isopropyl Acetate	6.45	43	12032	2.153	ug/l	99
48) Methyl methacrylate	7.68	41	7674	2.768	ug/l #	19
49) 1,4-Dioxane	7.79	88	20	0.356	ug/l #	1
51) 4-Methyl-2-Pentanone	8.61	43	84428	23.118	ug/l #	51
54) cis-1,3-Dichloropropene	8.62	75	36663	11.528	ug/l #	60
57) 1,3-Dichloropropane	9.54	76	8188	2.418	ug/l #	44
59) 2-Hexanone	9.44	43	12200	4.253	ug/l #	26
67) Ethyl Benzene	10.25	91	1965	0.226	ug/l	97
68) m/p-Xylenes	10.36	106	2174	0.685	ug/l	98
69) o-Xylene	10.70	106	636	0.203	ug/l	85
74) N-ethyl acetate	10.69	43	12768	3.248	ug/l #	57
76) 1,2,3-Trichloropropane	11.13	75	54708	25.432	ug/l #	34
78) n-propylbenzene	11.36	91	1705	0.221	ug/l	91
80) 1,3,5-Trimethylbenzene	11.51	105	4253	0.749	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.13	75	54708	65.072	ug/l #	10
83) tert-Butylbenzene	11.80	119	1398	0.253	ug/l #	62
84) 1,2,4-Trimethylbenzene	11.80	105	10417	1.828	ug/l	96
85) sec-Butylbenzene	11.80	105	10417	1.591	ug/l #	57
89) n-Butylbenzene	12.37	91	1284	0.241	ug/l #	7
90) Hexachloroethane	12.60	117	297	0.296	ug/l #	7
95) Naphthalene	13.83	128	21918	3.242	ug/l	98

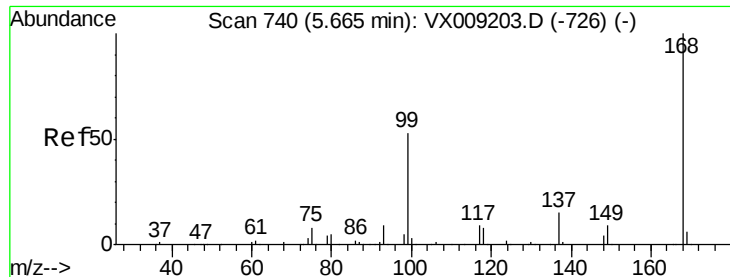
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051619\
Data File : VX009615.D
Acq On : 16 May 2019 18:18
Operator : JC/SP
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Quant Time: May 17 06:40:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 2019
Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

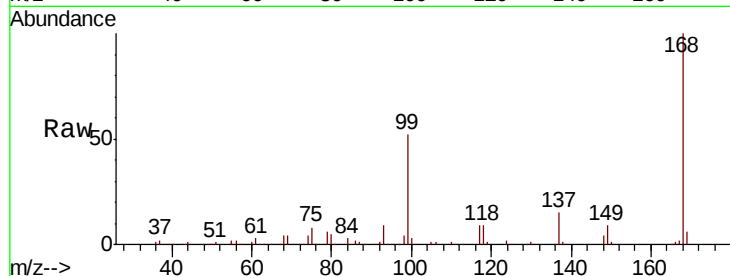
RO-COMP-1

Tot Ion:168 Resp: 171053

Ion Ratio Lower Upper

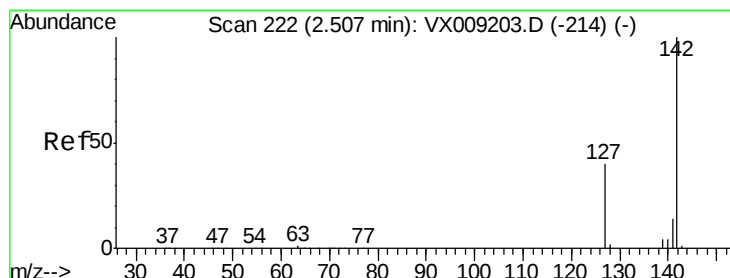
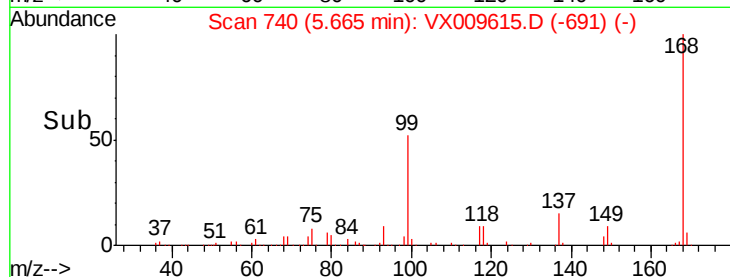
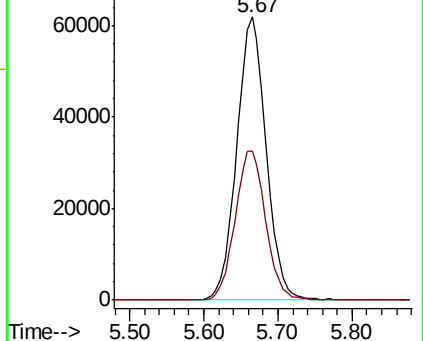
168 100

99 52.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.613 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

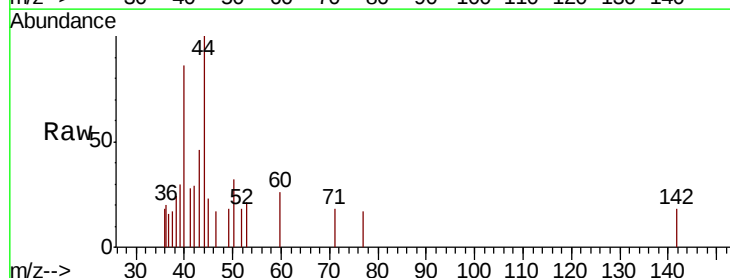
Tgt Ion:142 Resp: 39

Ion Ratio Lower Upper

142 100

127 0.0 32.7 49.1#

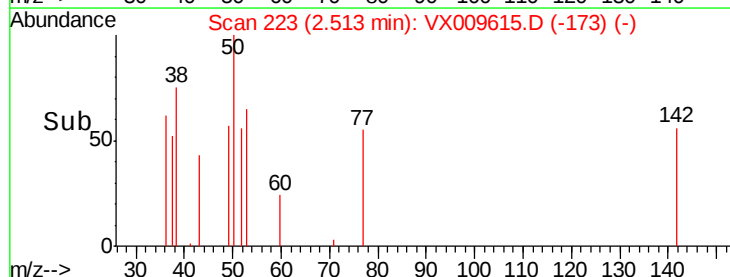
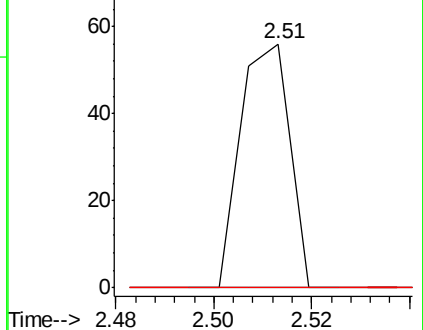
141 0.0 11.5 17.3#

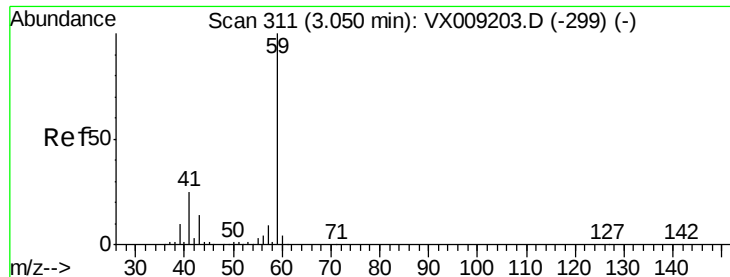


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

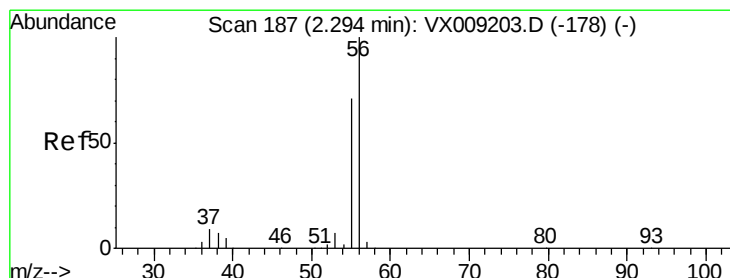
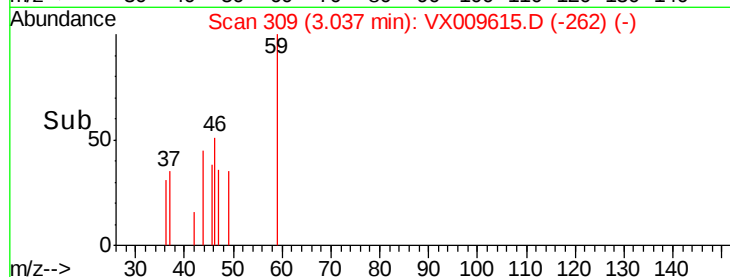
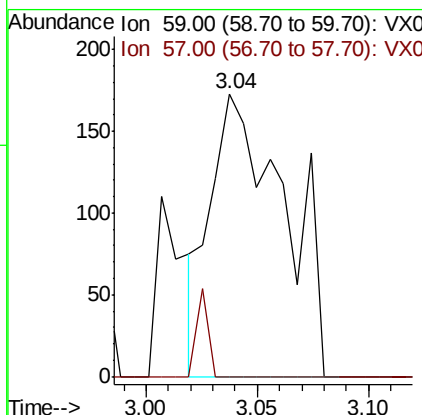
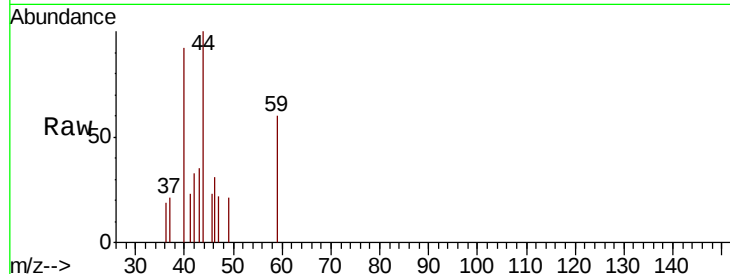




#11
Tert butyl alcohol
Concen: 0.736 ug/l
RT: 3.04 min Scan# 309
Delta R.T. -0.01 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

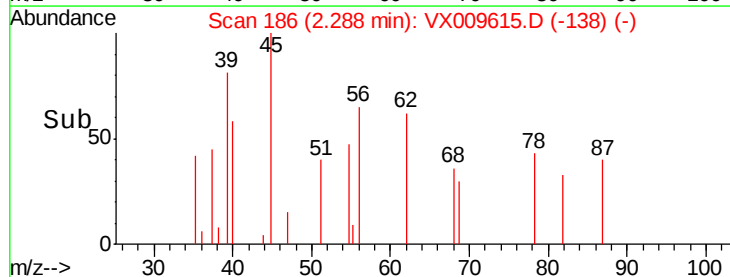
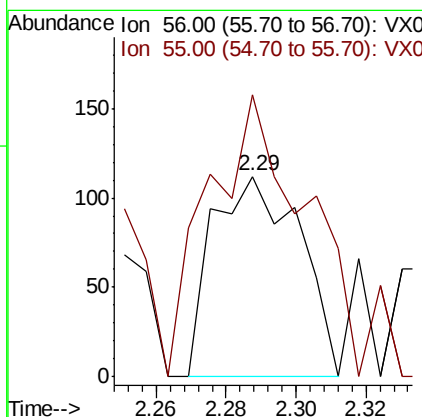
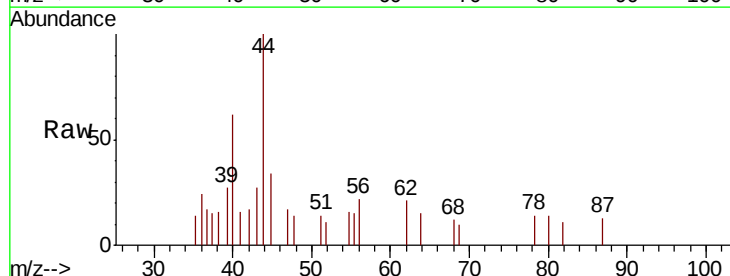
Instrument :
MSVOA_X
ClientSampled :
RO-COMP-1

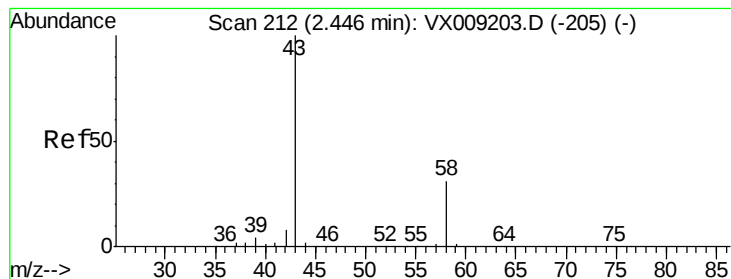
Tot Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.2#



#13
Acrolein
Concen: 0.398 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 165.1 56.6 85.0#





#16

Acetone

Concen: 16.567 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

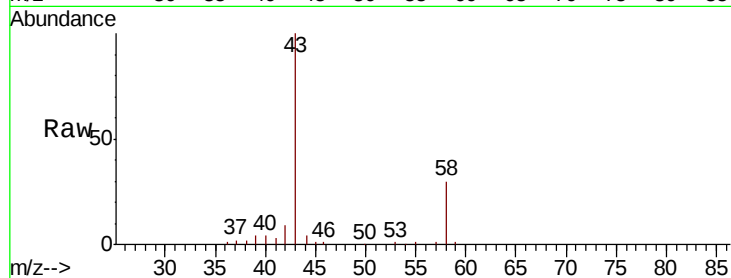
RO-COMP-1

Tot Ion: 43 Resp: 20773

Ion Ratio Lower Upper

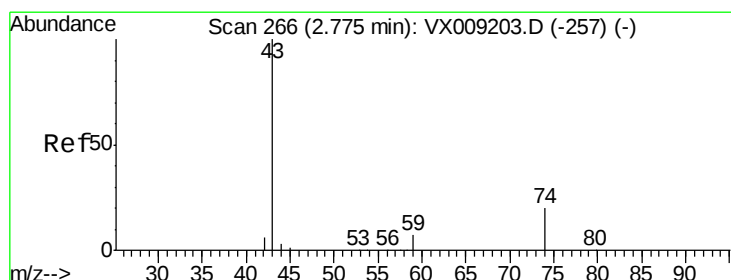
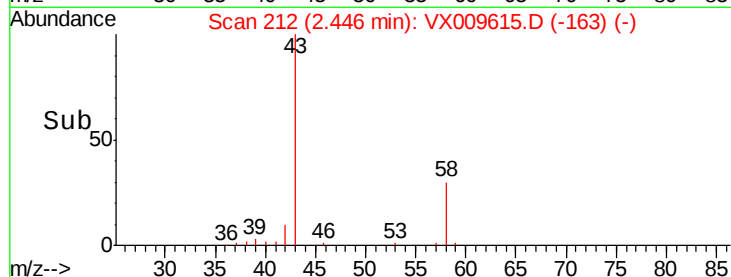
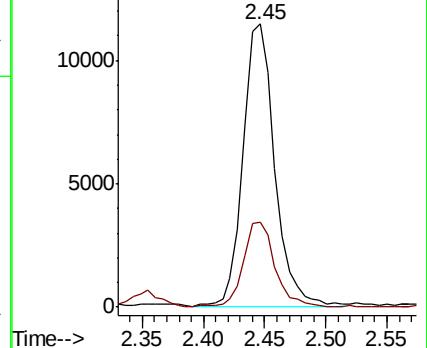
43 100

58 30.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 2.054 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX009615.D

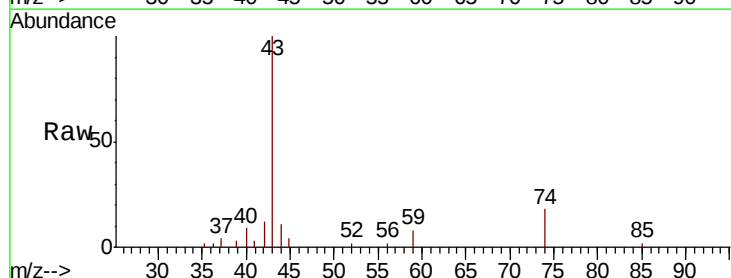
Acq: 16 May 2019 18:18

Tgt Ion: 43 Resp: 6124

Ion Ratio Lower Upper

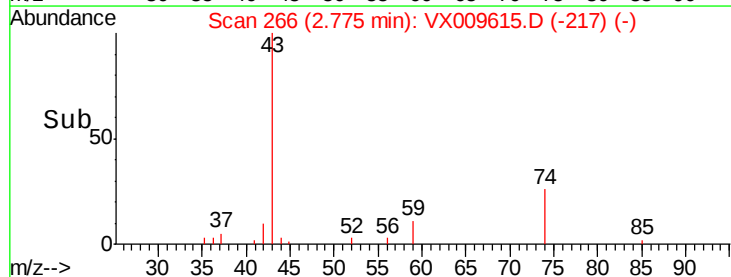
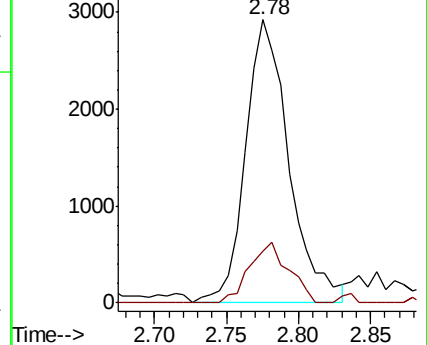
43 100

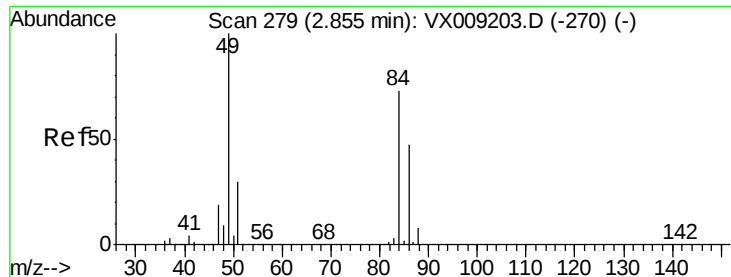
74 19.2 16.2 24.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 19.969 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampled :

RO-COMP-1

Tot Ion: 84 Resp: 40540

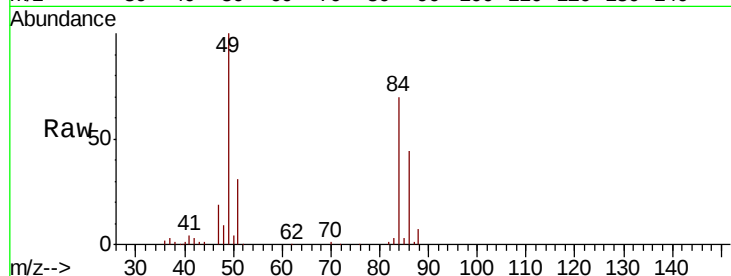
Ion Ratio Lower Upper

84 100

49 143.4 109.9 164.9

51 44.2 32.7 49.1

86 63.5 52.0 78.0

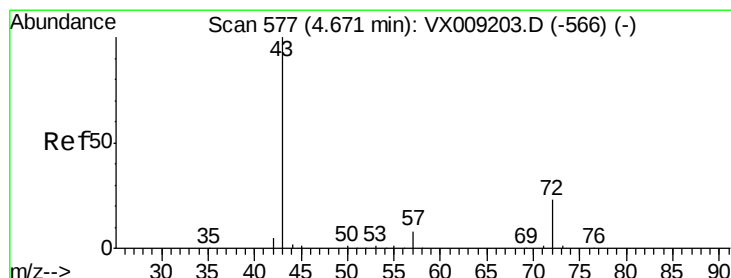
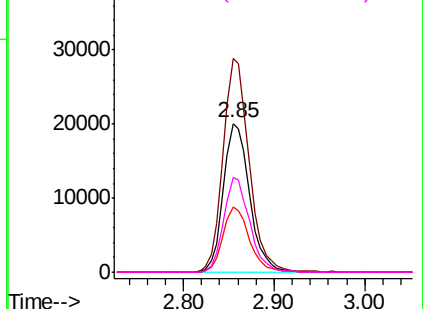
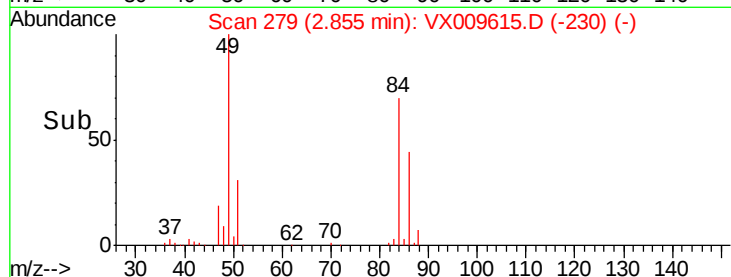


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.815 ug/l

RT: 4.68 min Scan# 579

Delta R.T. 0.01 min

Lab File: VX009615.D

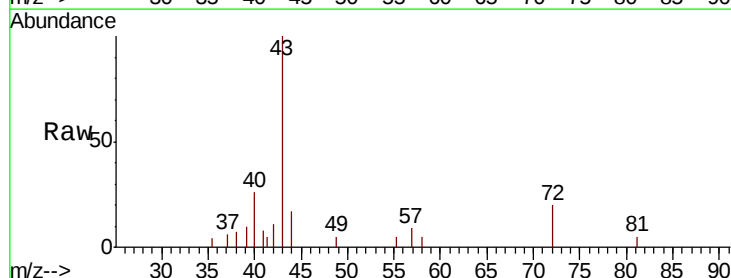
Acq: 16 May 2019 18:18

Tgt Ion: 43 Resp: 3536

Ion Ratio Lower Upper

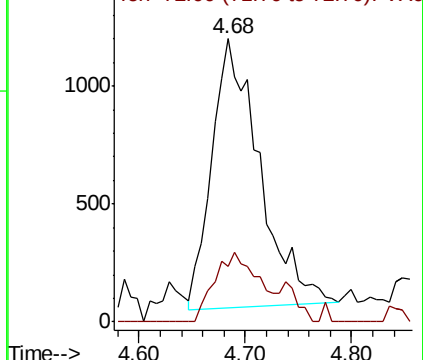
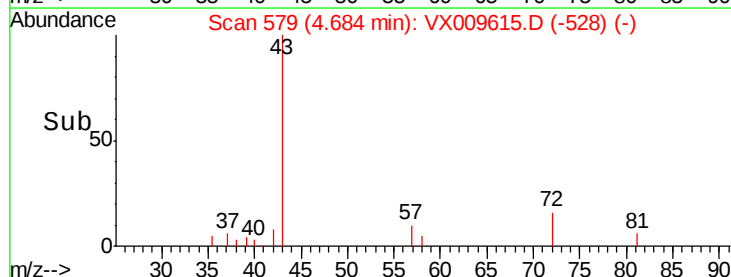
43 100

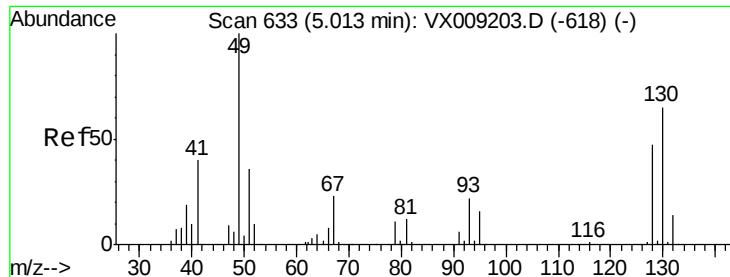
72 21.3 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 632

Delta R.T. -0.01 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-1

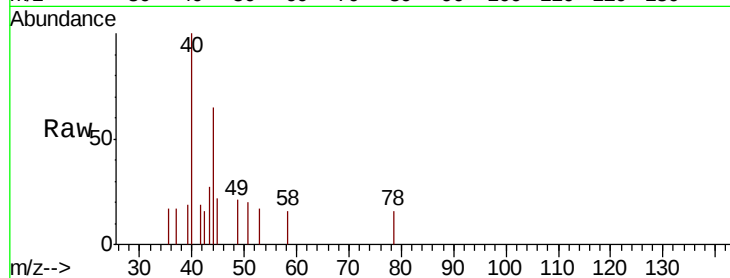
Tot Ion: 49 Resp: 44

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.8

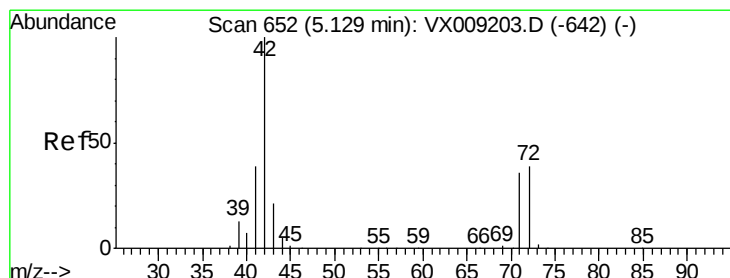
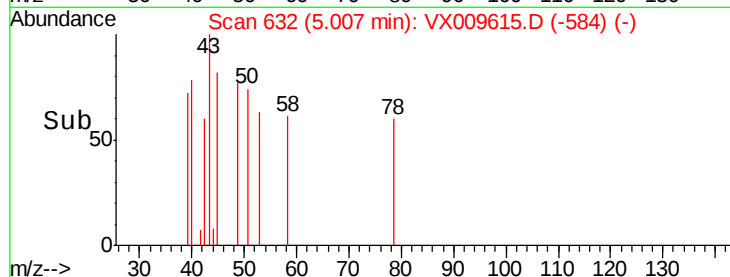
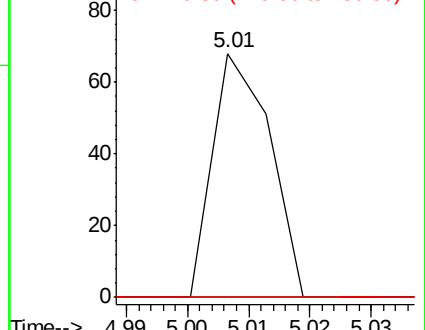
130 0.0 51.2 76.8#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 1.420 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.02 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

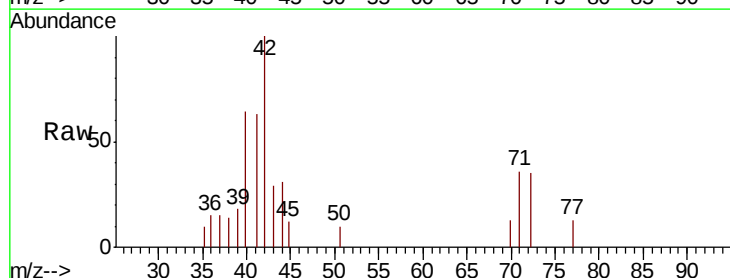
Tgt Ion: 42 Resp: 1780

Ion Ratio Lower Upper

42 100

72 39.2 30.4 45.6

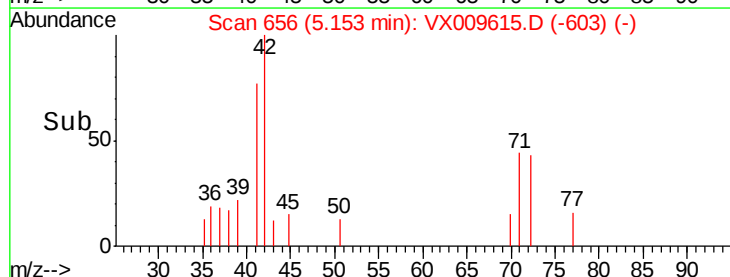
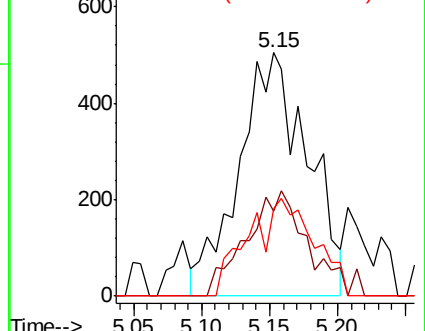
71 38.6 28.6 43.0

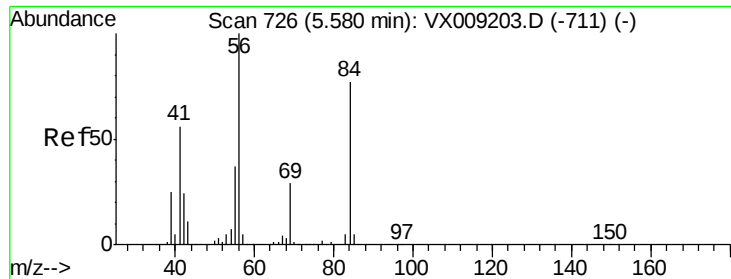


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

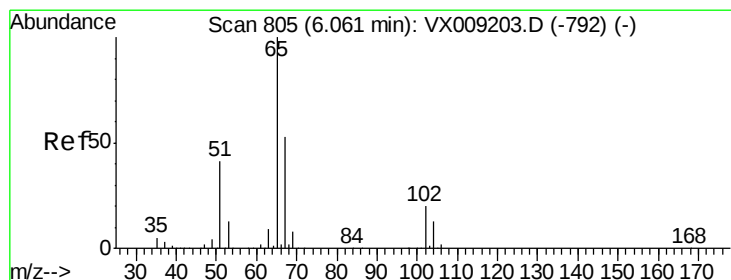
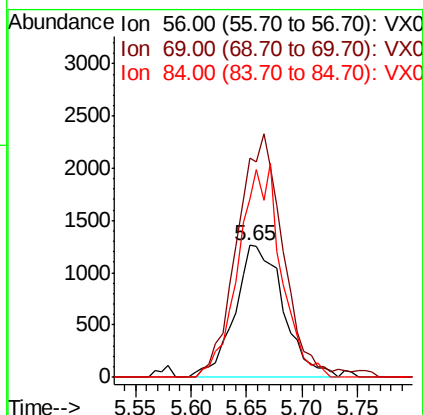
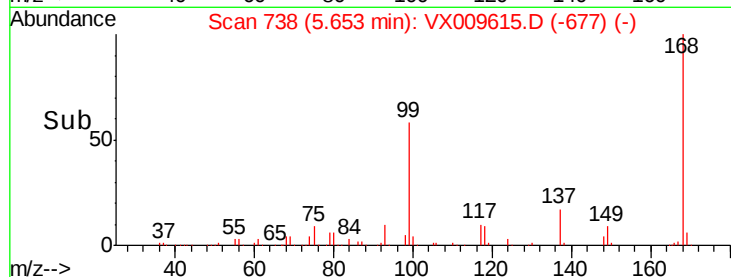
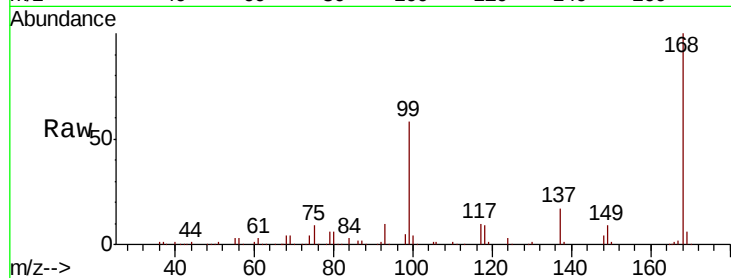




#31
Cyclohexane
Concen: 1.111 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.07 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

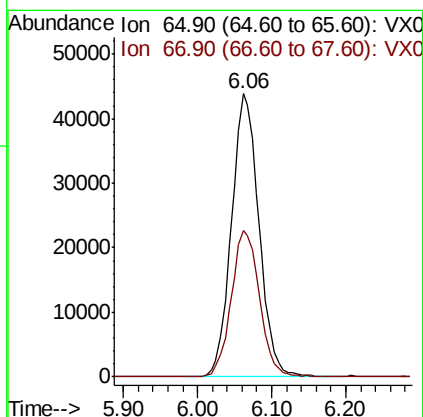
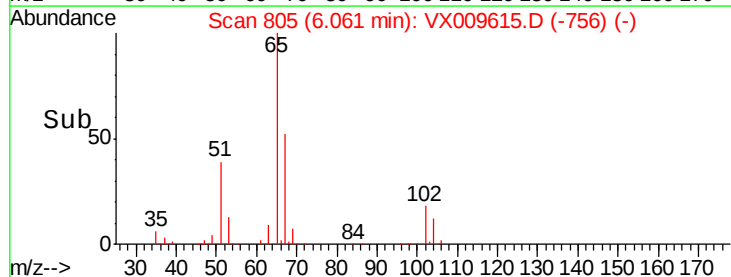
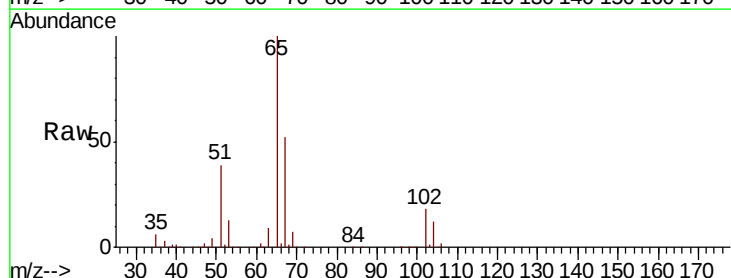
Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-1

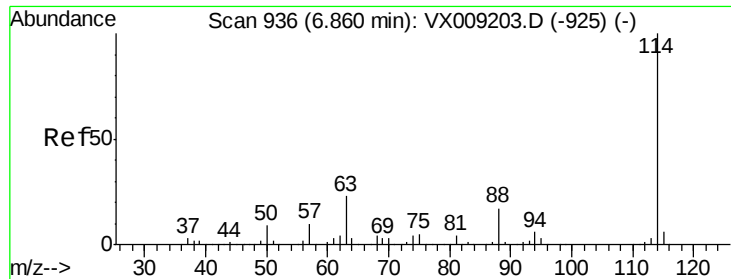
Tot Ion: 56 Resp: 3837
Ion Ratio Lower Upper
56 100
69 166.3 23.4 35.0#
84 134.9 61.9 92.9#



#33
1,2-Dichloroethane-d4
Concen: 48.624 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 65 Resp: 113540
Ion Ratio Lower Upper
65 100
67 53.3 0.0 106.6

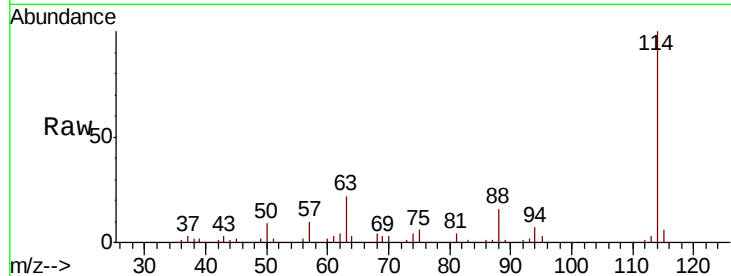




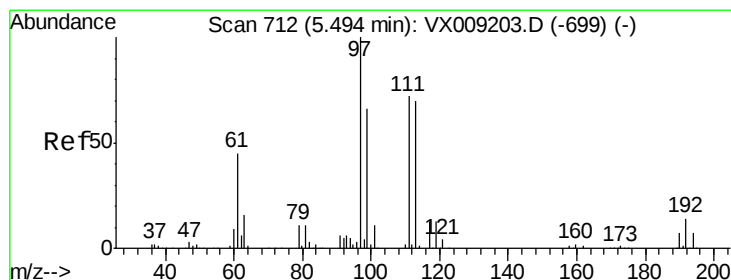
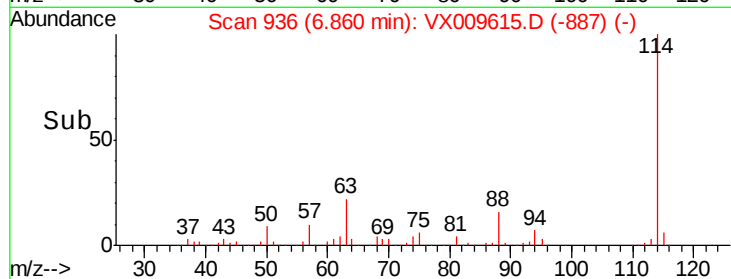
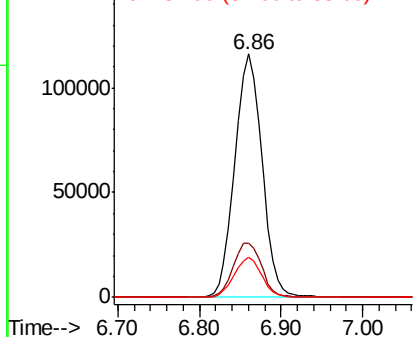
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-1

Tot Ion:114 Resp: 269782
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.6
 88 16.4 0.0 33.2

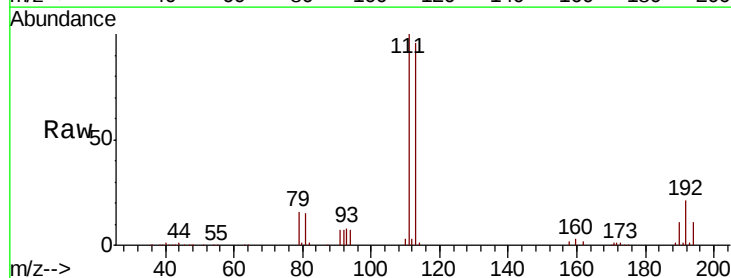


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

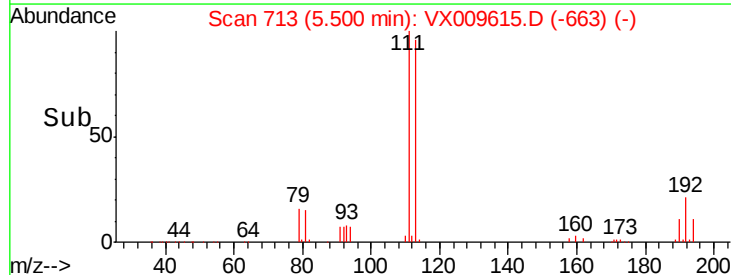
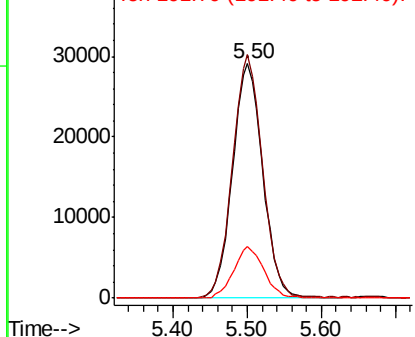


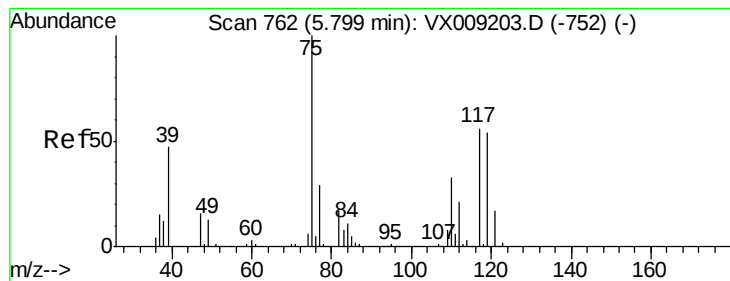
#35
 Dibromofluoromethane
 Concen: 48.865 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Tgt Ion:113 Resp: 82873
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.8 124.2
 192 21.6 17.0 25.6



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





#36

1,1-Dichloropropene

Concen: 5.373 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-1

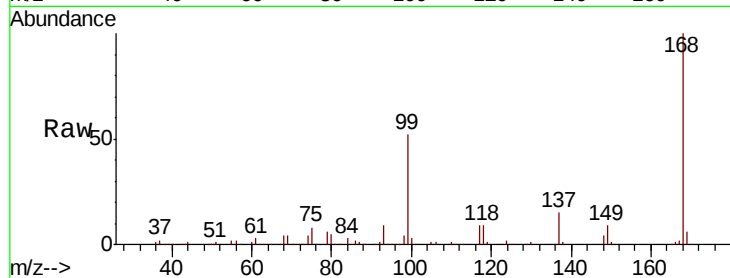
Tot Ion: 75 Resp: 13471

Ion Ratio Lower Upper

75 100

110 9.5 16.9 50.6#

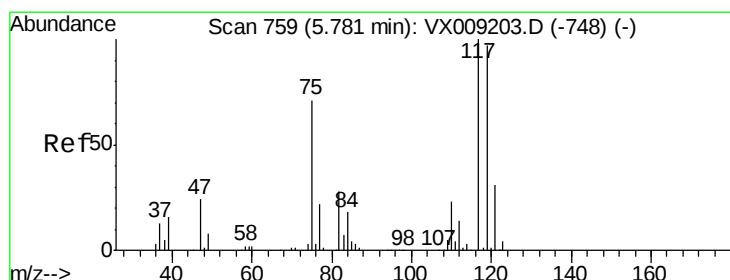
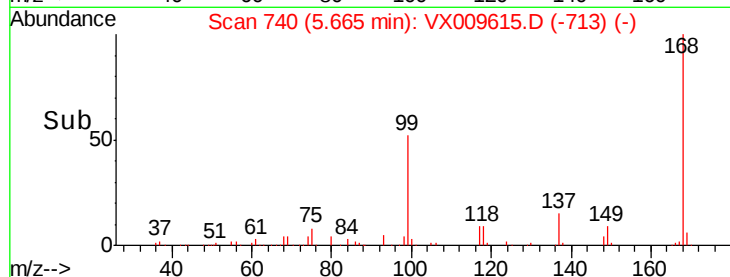
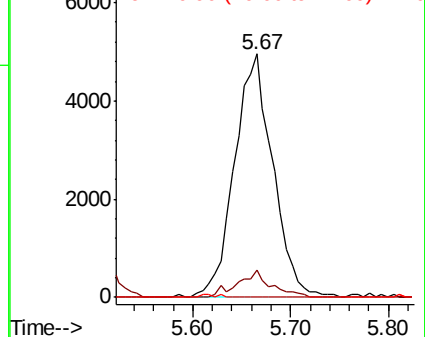
77 0.0 24.8 37.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 7.129 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

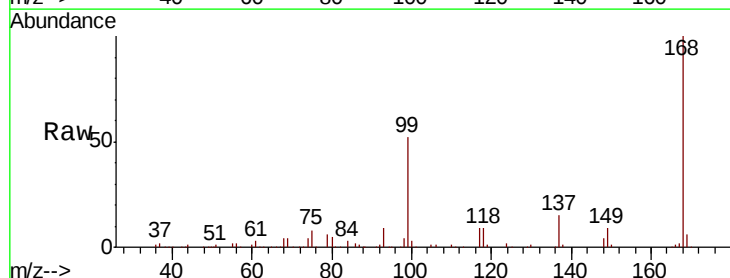
Tgt Ion: 117 Resp: 16240

Ion Ratio Lower Upper

117 100

119 5.7 77.5 116.3#

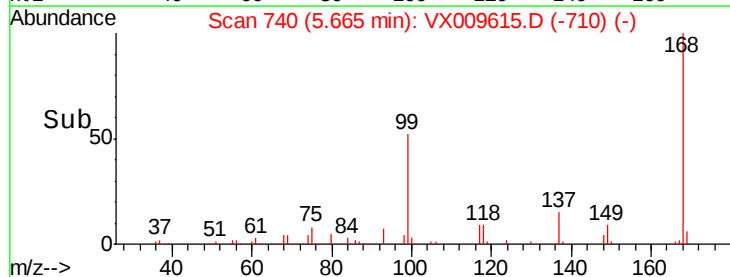
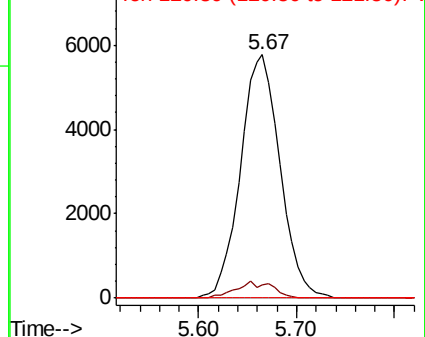
121 0.0 24.7 37.1#

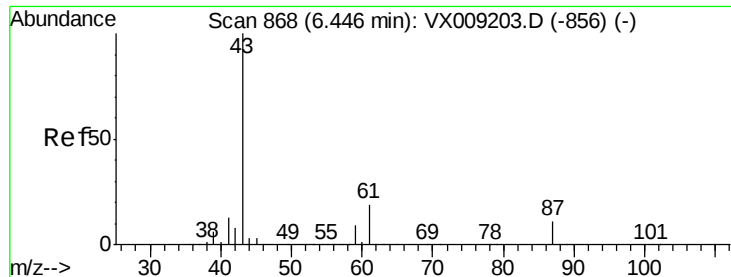


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.153 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

RO-COMP-1

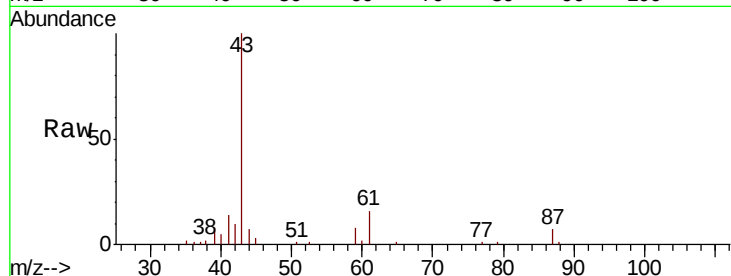
Tot Ion: 43 Resp: 12032

Ion Ratio Lower Upper

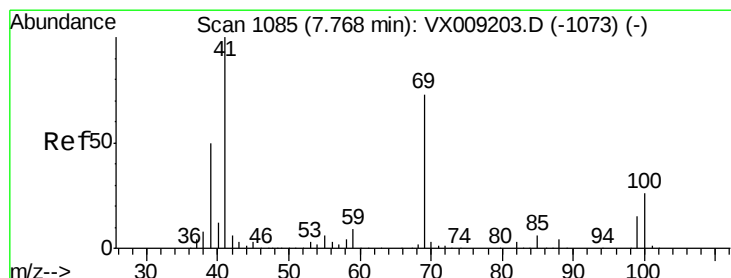
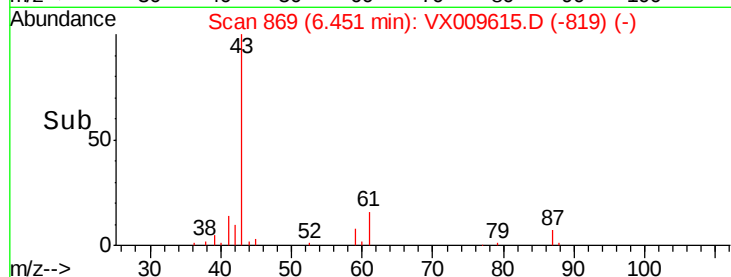
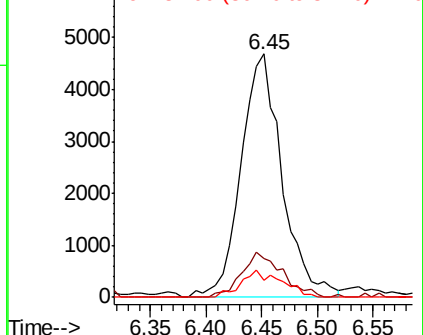
43 100

61 18.2 15.1 22.7

87 10.9 9.0 13.6



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: 2.768 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

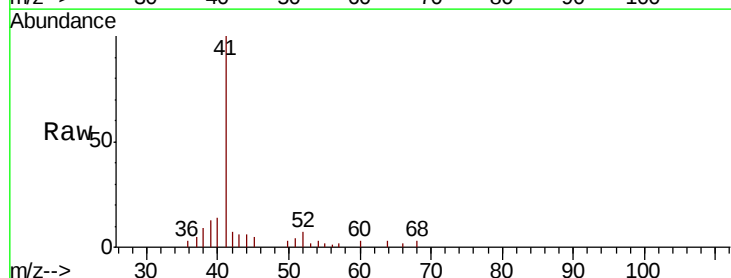
Tgt Ion: 41 Resp: 7674

Ion Ratio Lower Upper

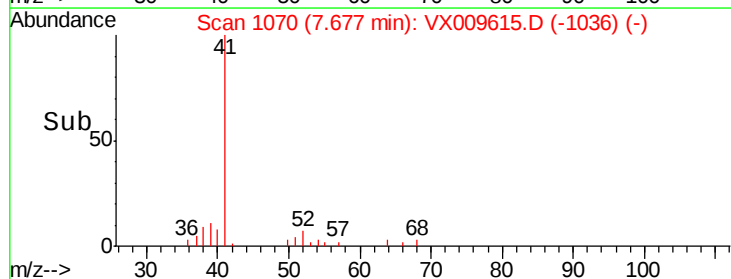
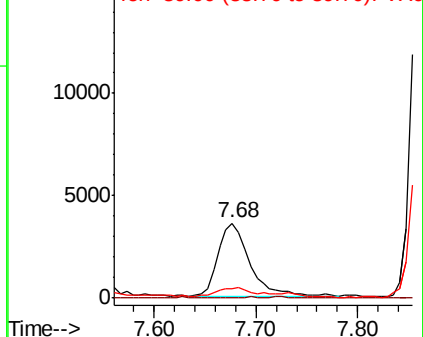
41 100

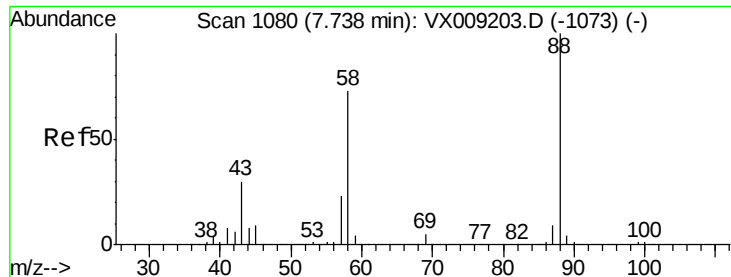
69 0.3 59.1 88.7#

39 0.0 40.4 60.6#



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

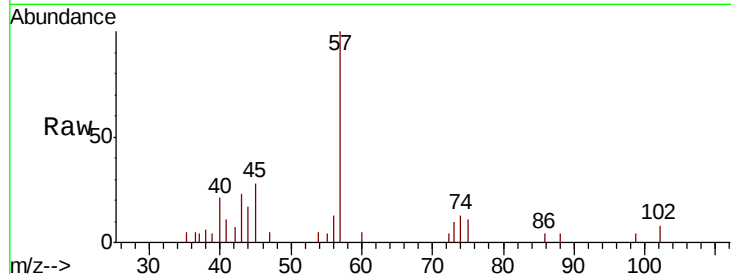




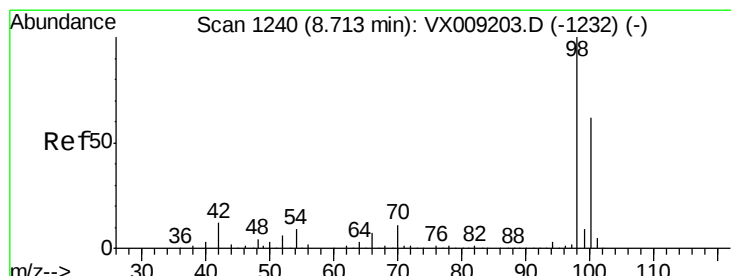
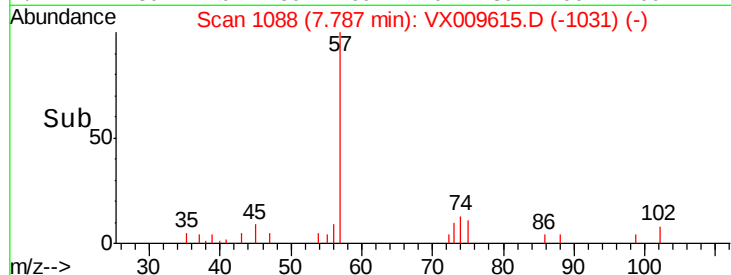
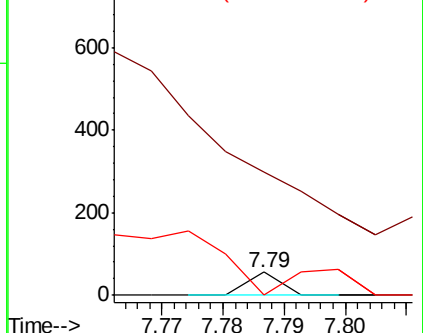
#49
1,4-Dioxane
Concen: 0.356 ug/l
RT: 7.79 min Scan# 1088
Delta R.T. 0.05 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-1

Tot Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 28.6 42.8#
58 1175.0 61.7 92.5#

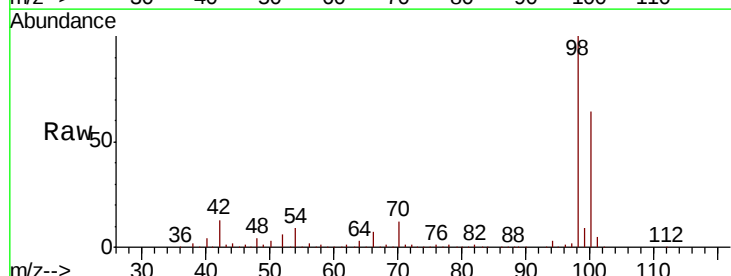


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

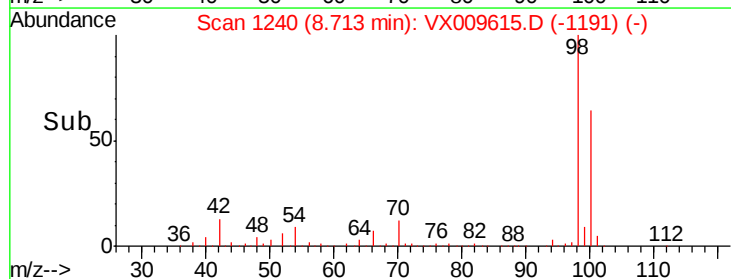
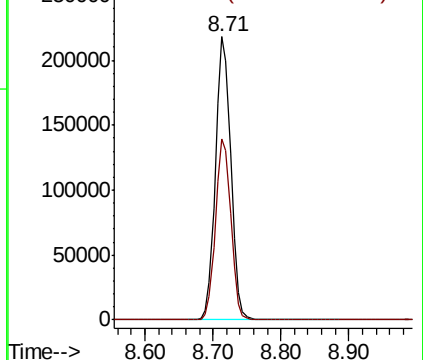


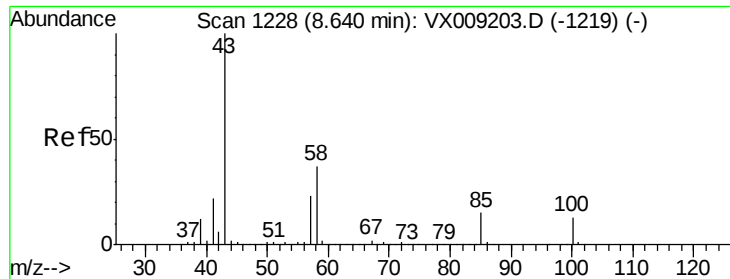
#50
Toluene-d8
Concen: 49.964 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 98 Resp: 342106
Ion Ratio Lower Upper
98 100
100 64.1 51.2 76.8



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





#51

4-Methyl-2-Pentanone

Concen: 23.118 ug/l

RT: 8.61 min Scan# 1223

Delta R.T. -0.03 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

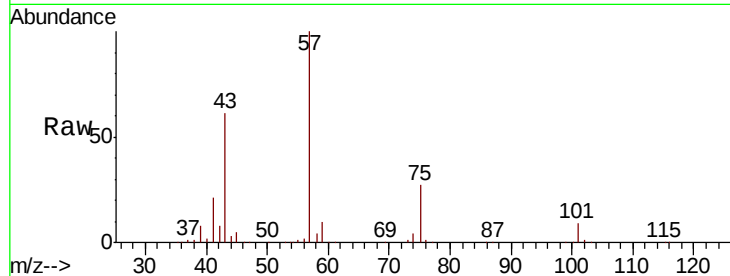
RO-COMP-1

Tot Ion: 43 Resp: 84428

Ion Ratio Lower Upper

43 100

58 7.7 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

60000

50000

40000

30000

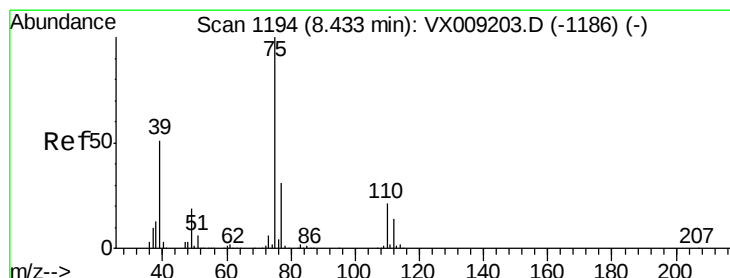
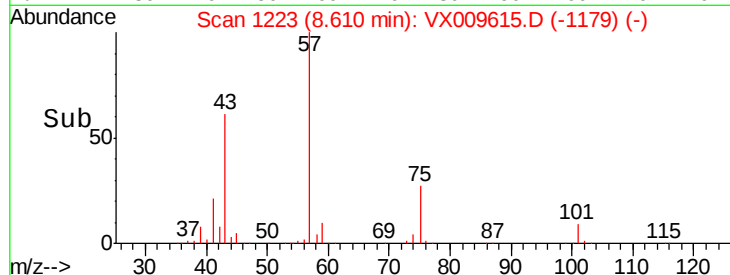
20000

10000

0

8.55 8.60 8.65 8.70

Time-->



#54

cis-1,3-Dichloropropene

Concen: 11.528 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

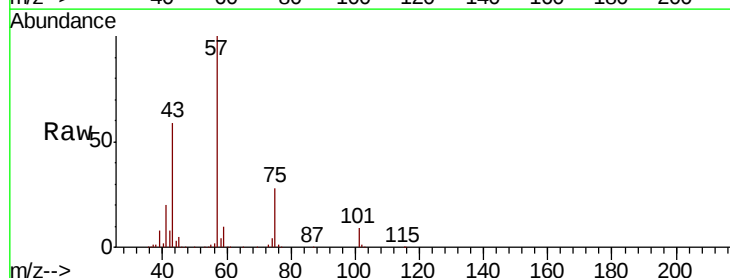
Tgt Ion: 75 Resp: 36663

Ion Ratio Lower Upper

75 100

77 0.6 24.6 36.8#

39 29.0 40.6 60.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

30000

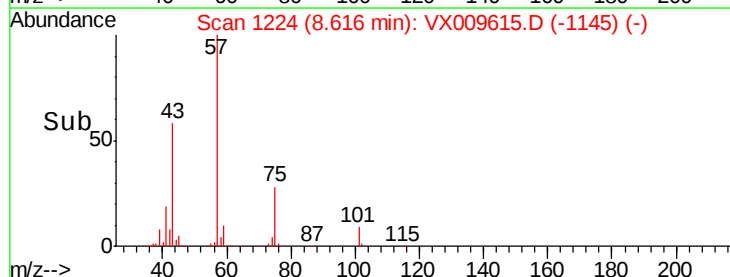
20000

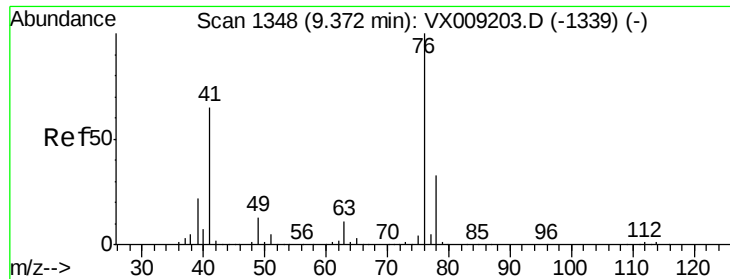
10000

0

8.55 8.60 8.65 8.70

Time-->

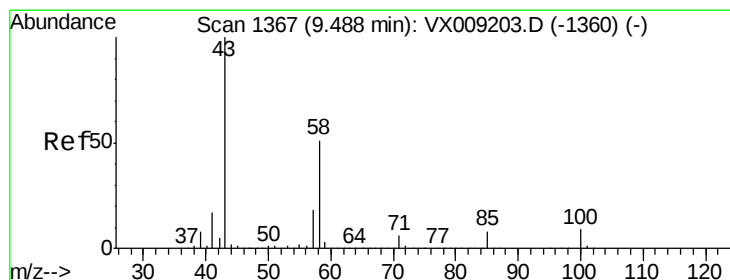
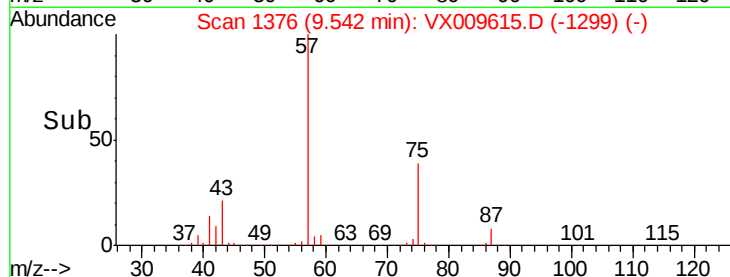
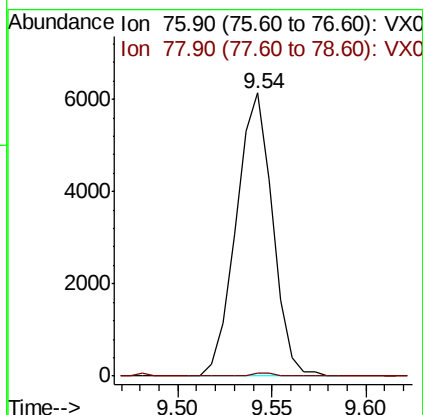
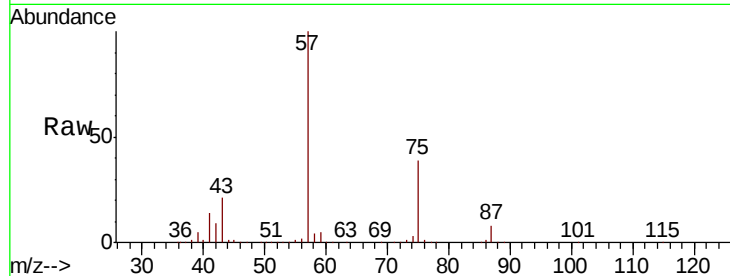




#57
 1,3-Dichloropropane
 Concen: 2.418 ug/l
 RT: 9.54 min Scan# 1376
 Delta R.T. 0.17 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

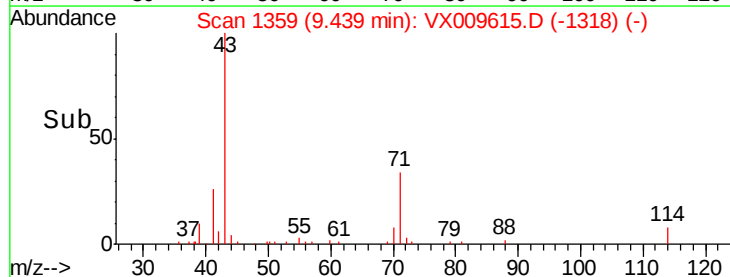
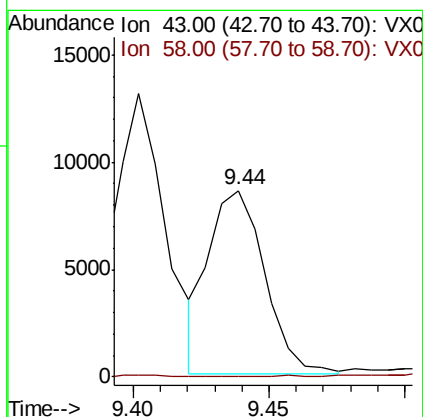
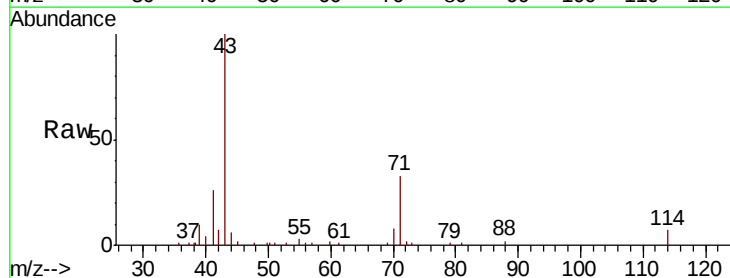
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-1

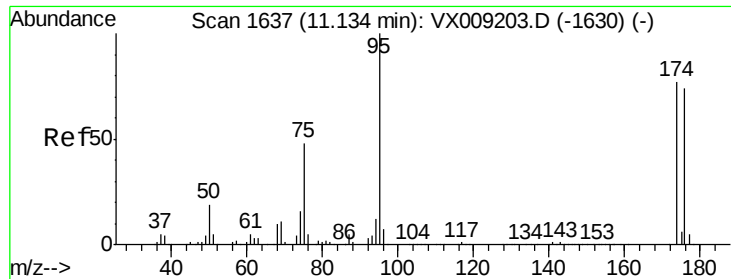
Tot Ion: 76 Resp: 8188
 Ion Ratio Lower Upper
 76 100
 78 0.6 25.5 38.3#



#59
 2-Hexanone
 Concen: 4.253 ug/l
 RT: 9.44 min Scan# 1359
 Delta R.T. -0.05 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Tgt Ion: 43 Resp: 12200
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.9 77.7#

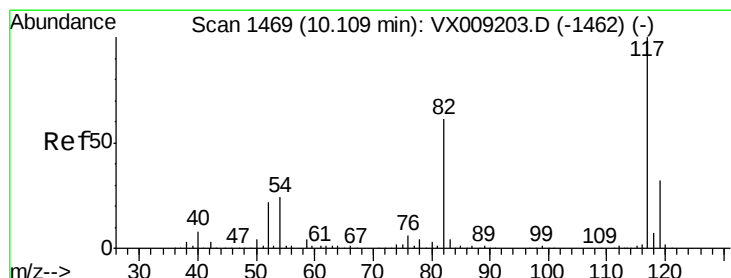
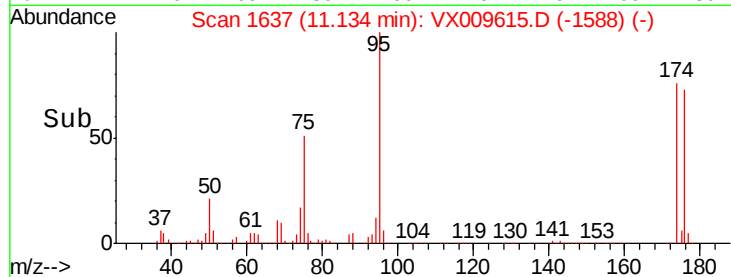
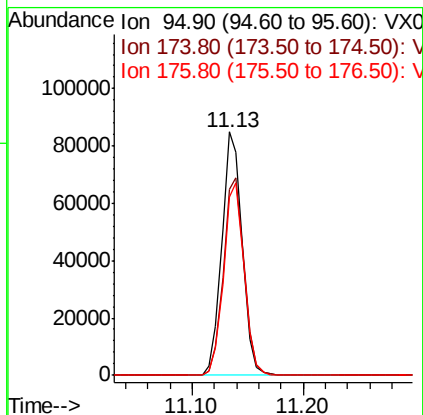
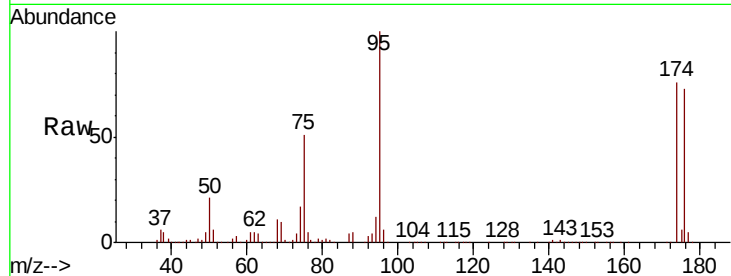




#62
4-Bromofluorobenzene
Concen: 43.059 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

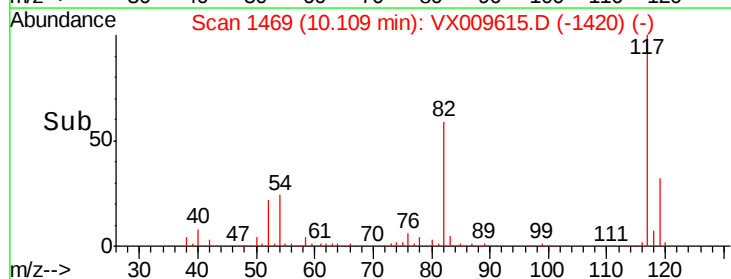
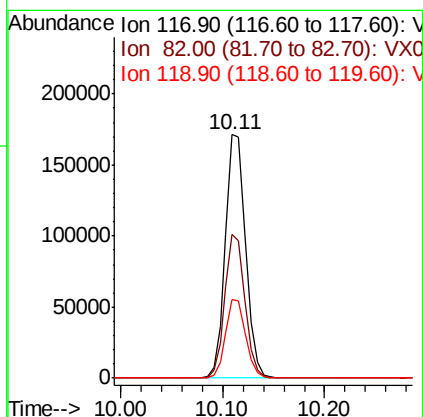
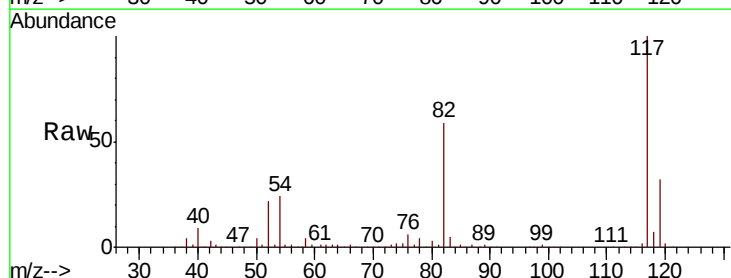
Instrument :
MSVOA_X
ClientSampled :
RO-COMP-1

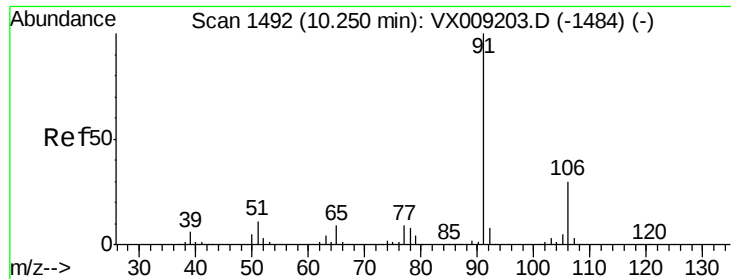
Tot Ion: 95 Resp: 107129
Ion Ratio Lower Upper
95 100
174 82.5 0.0 161.6
176 79.6 0.0 159.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 117 Resp: 235811
Ion Ratio Lower Upper
117 100
82 59.1 48.8 73.2
119 32.2 25.8 38.6

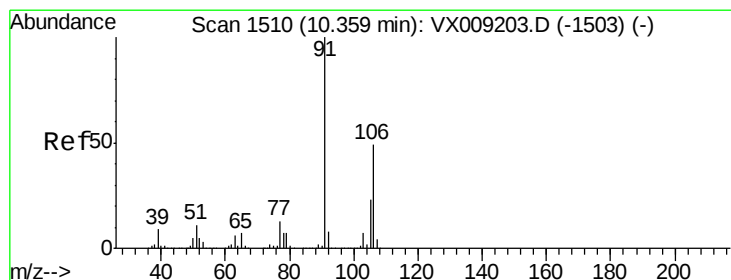
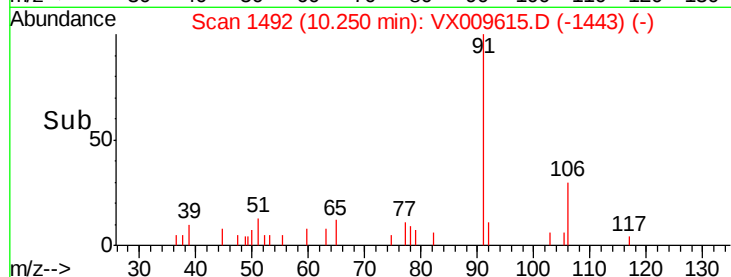
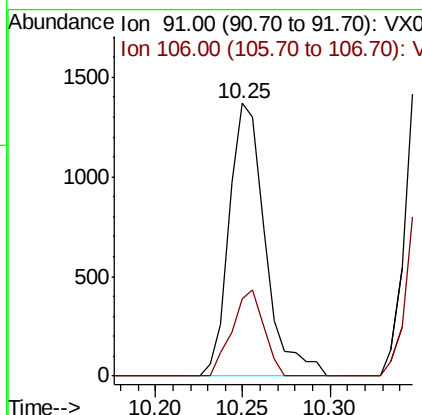
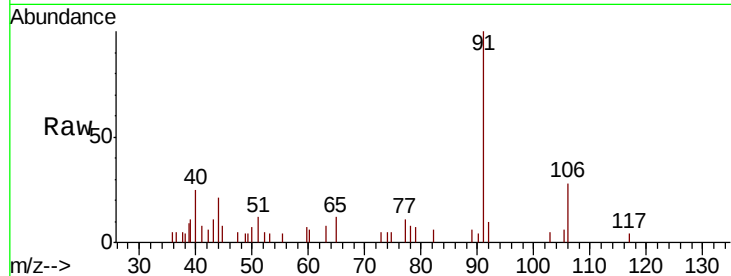




#67
Ethyl Benzene
Concen: 0.226 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

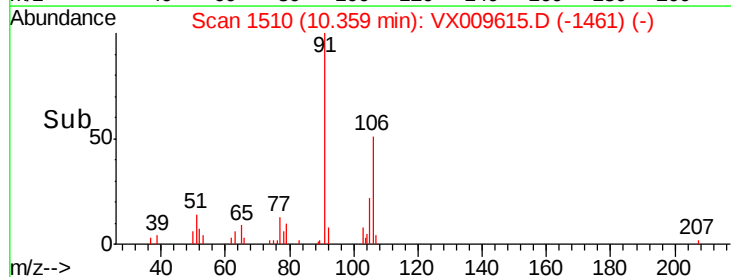
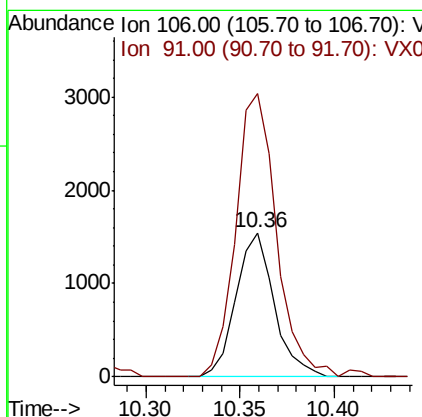
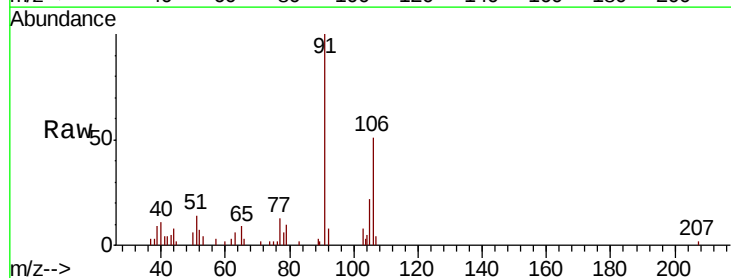
Instrument :
MSVOA_X
ClientSampled :
RO-COMP-1

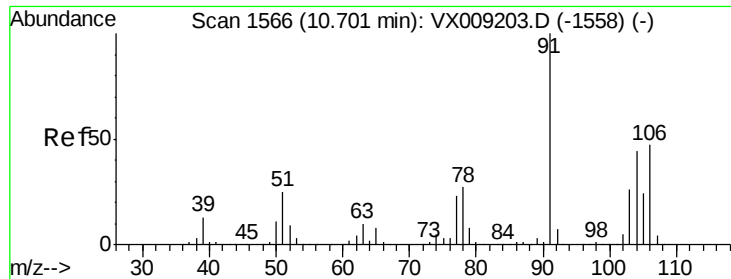
Tot Ion: 91 Resp: 1965
Ion Ratio Lower Upper
91 100
106 28.2 24.0 36.0



#68
m/p-Xylenes
Concen: 0.685 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion: 106 Resp: 2174
Ion Ratio Lower Upper
106 100
91 208.6 164.0 246.0

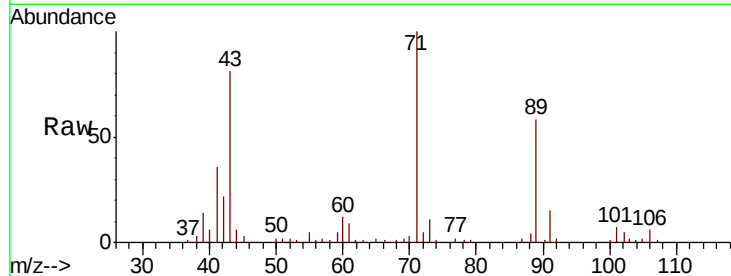




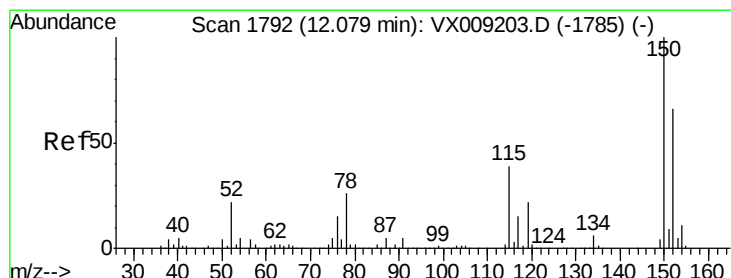
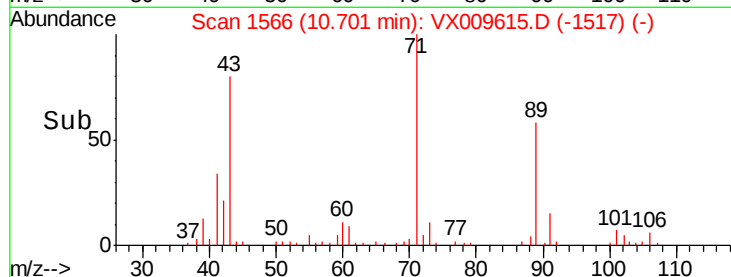
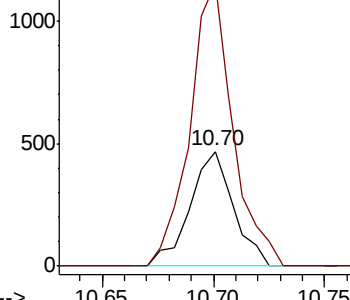
#69
o-Xylene
Concen: 0.203 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Instrument :
MSVOA_X
ClientSampled :
RO-COMP-1

Tot Ion:106 Resp: 636
Ion Ratio Lower Upper
106 100
91 243.4 109.5 328.4

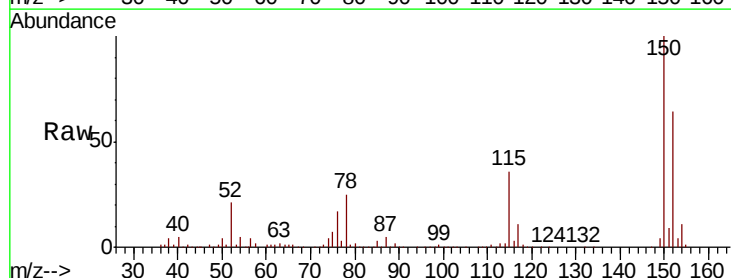


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

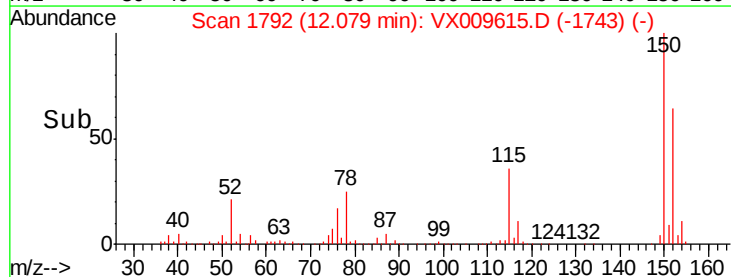
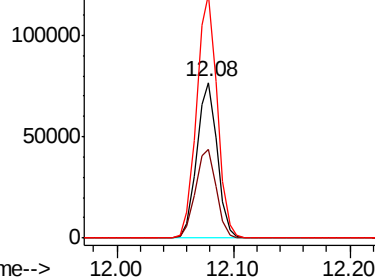


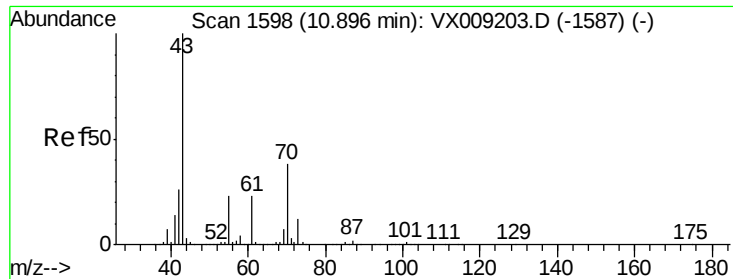
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Tgt Ion:152 Resp: 92736
Ion Ratio Lower Upper
152 100
115 58.6 41.2 123.6
150 158.7 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-amvl acetate

Concen: 3.248 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampled :

RO-COMP-1

Tot Ion: 43 Resp: 12768

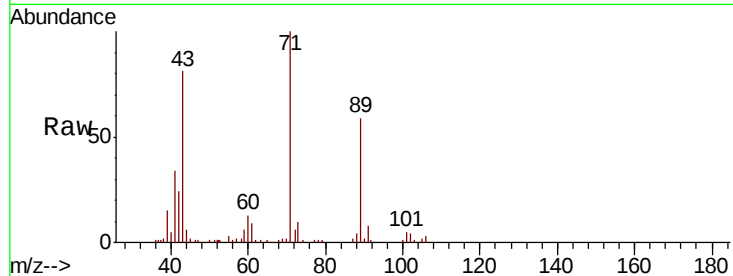
Ion Ratio Lower Upper

43 100

70 2.2 30.0 45.0#

55 5.7 17.9 26.9#

61 10.9 18.4 27.6#

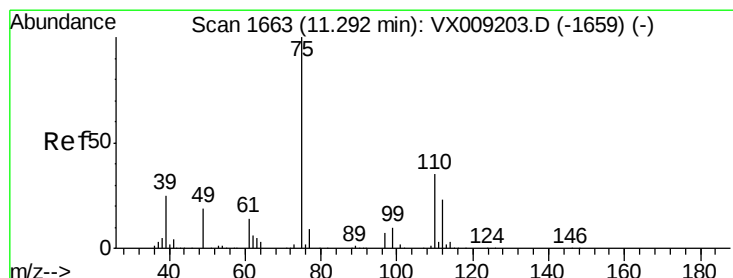
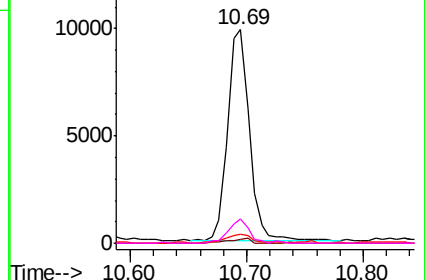
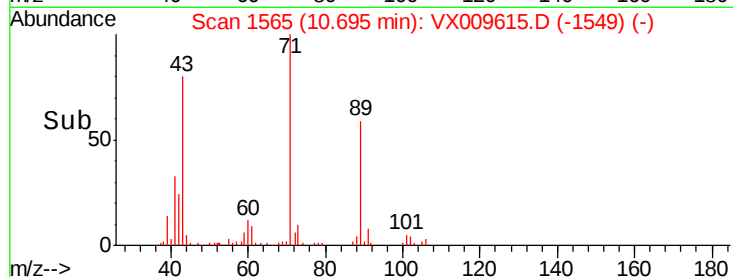


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 25.432 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009615.D

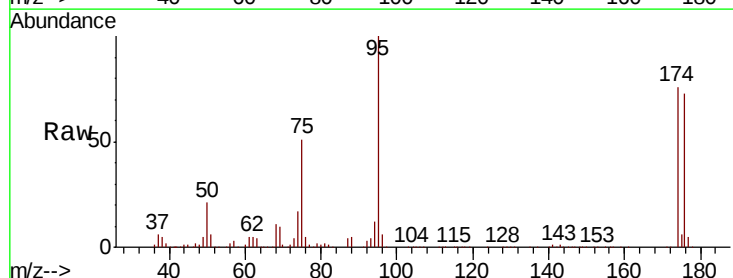
Acq: 16 May 2019 18:18

Tgt Ion: 75 Resp: 54708

Ion Ratio Lower Upper

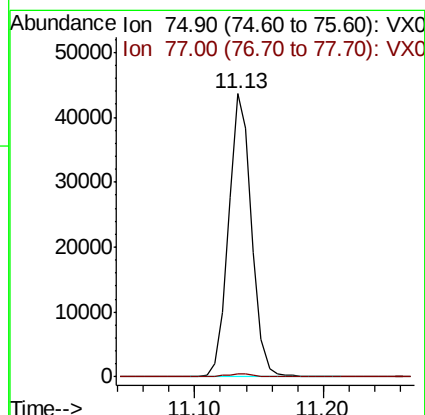
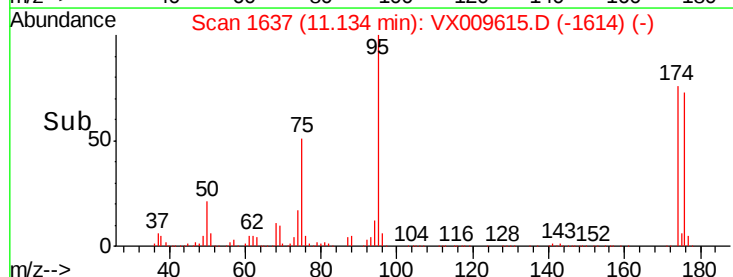
75 100

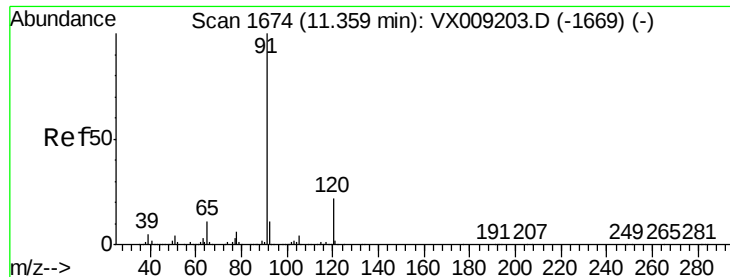
77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.221 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampled :

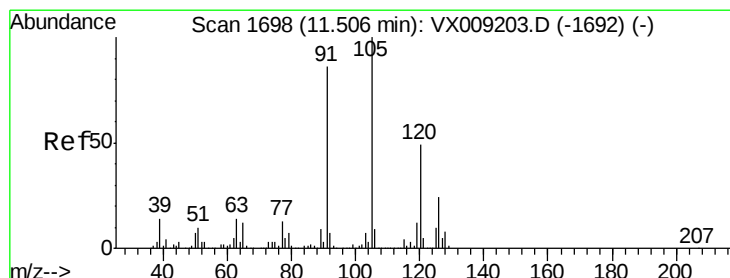
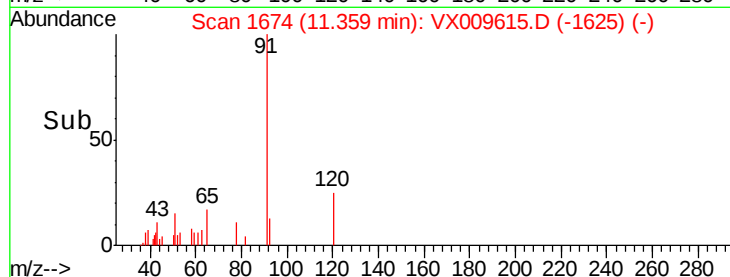
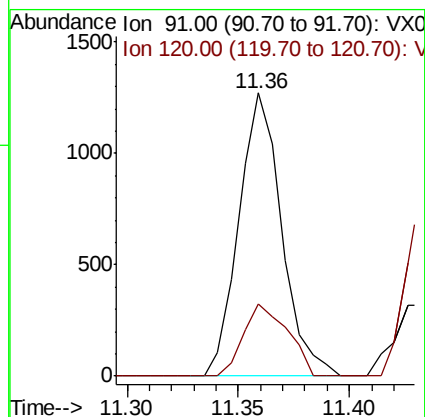
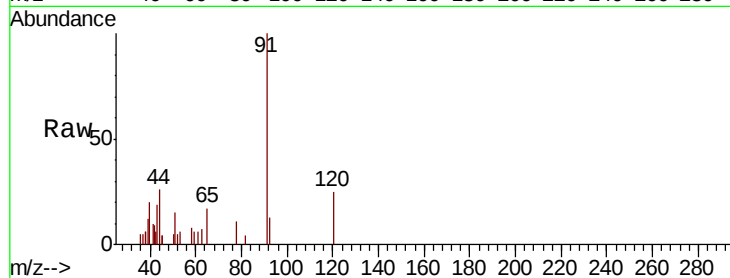
RO-COMP-1

Tot Ion: 91 Resp: 1705

Ion Ratio Lower Upper

91 100

120 26.3 11.0 33.0



#80

1,3,5-Trimethylbenzene

Concen: 0.749 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009615.D

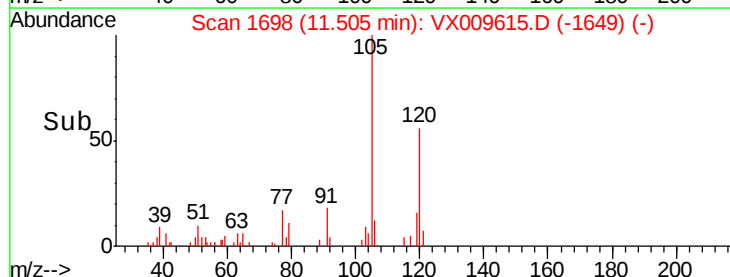
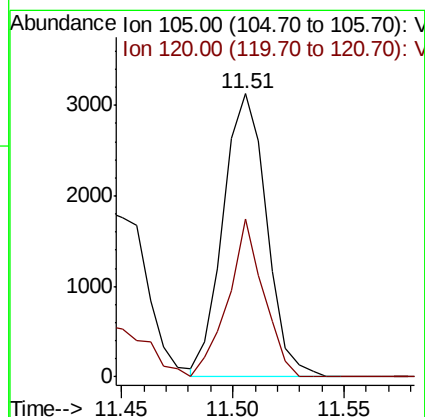
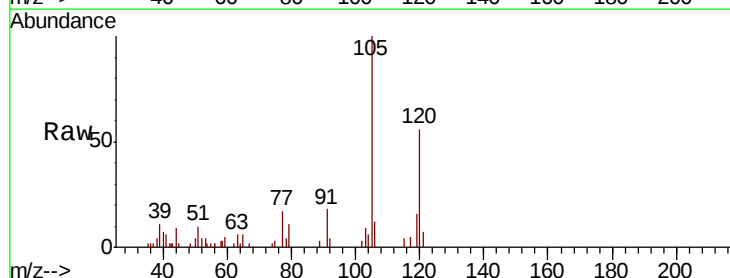
Acq: 16 May 2019 18:18

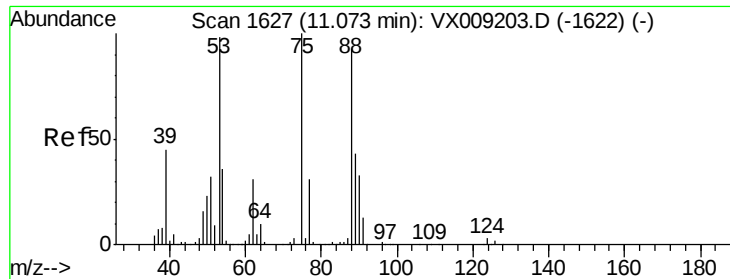
Tgt Ion: 105 Resp: 4253

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9

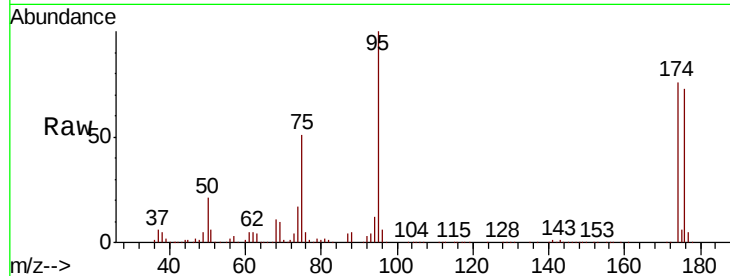




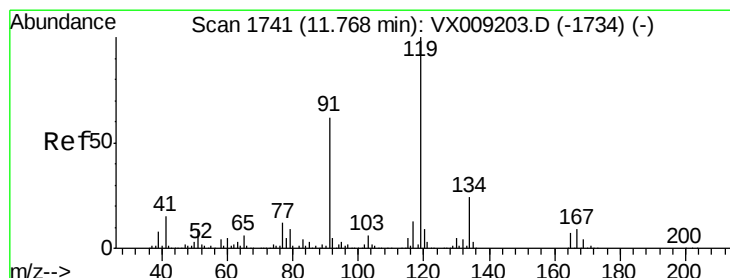
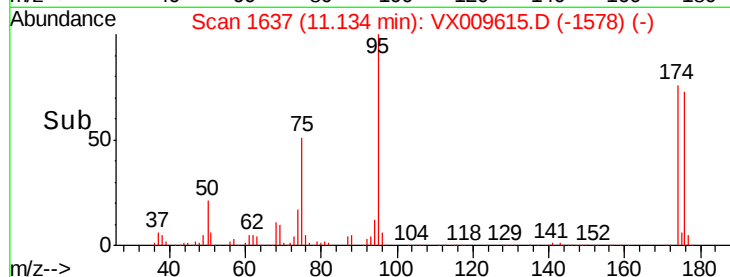
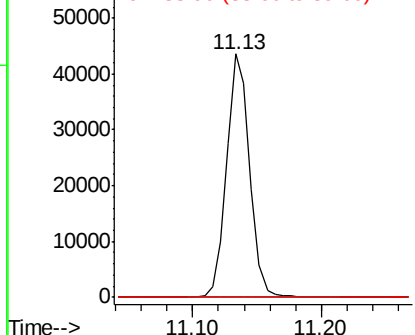
#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.072 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-1

Tot Ion: 75 Resp: 54708
 Ion Ratio Lower Upper
 75 100
 53 0.2 79.0 118.6#
 89 0.0 34.7 52.1#

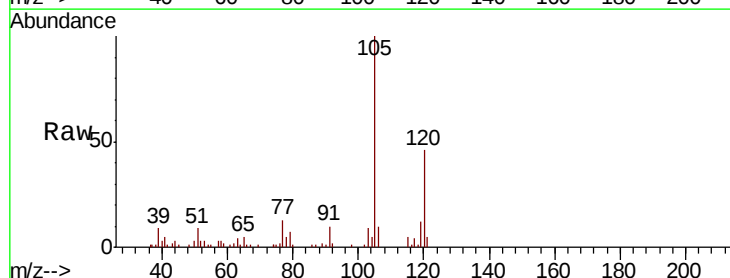


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 53.00 (52.70 to 53.70): VX0
 Ion 88.90 (88.60 to 89.60): VX0

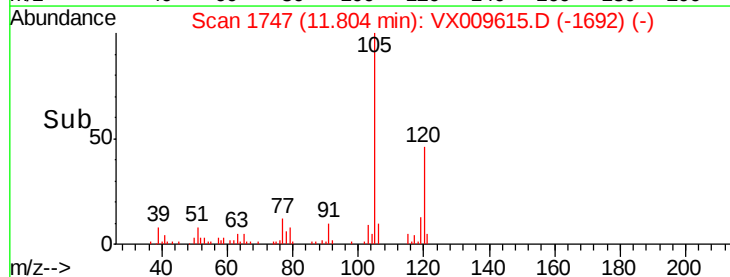
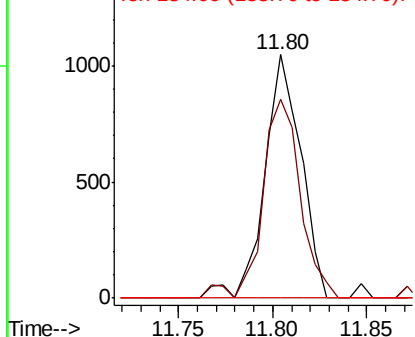


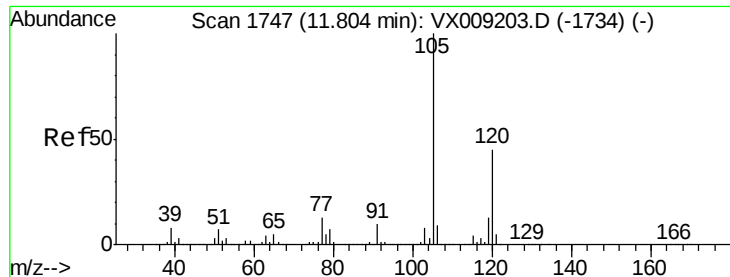
#83
 tert-Butylbenzene
 Concen: 0.253 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.04 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Tgt Ion: 119 Resp: 1398
 Ion Ratio Lower Upper
 119 100
 91 85.3 29.5 88.5
 134 0.0 11.4 34.1#



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.828 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX009615.D

Acq: 16 May 2019 18:18

Instrument :

MSVOA_X

ClientSampleId :

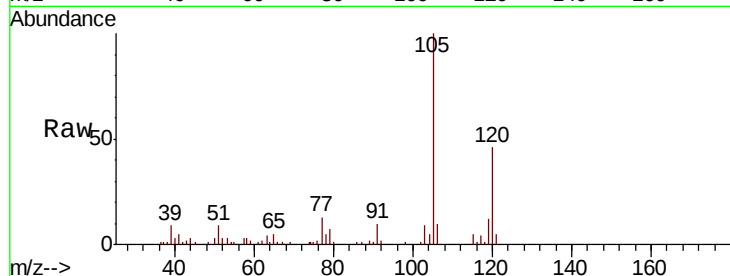
RO-COMP-1

Tot Ion:105 Resp: 10417

Ion Ratio Lower Upper

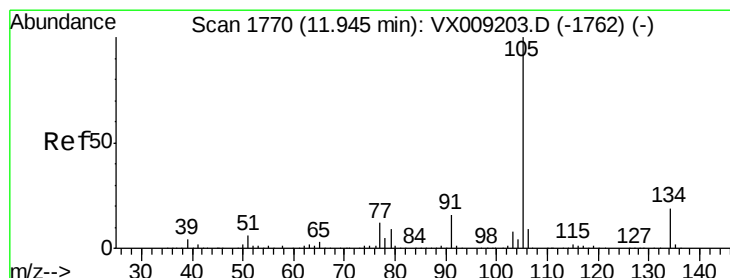
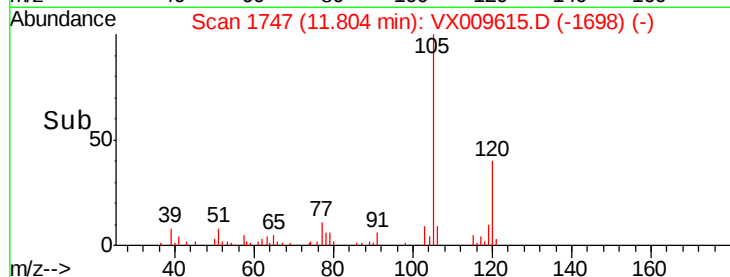
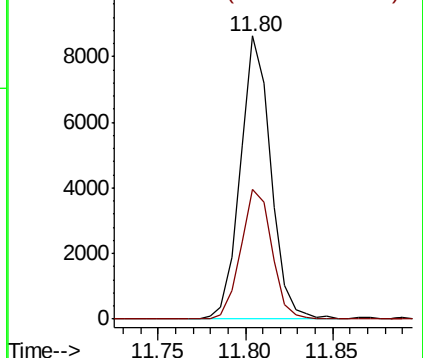
105 100

120 46.6 22.0 66.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#85

sec-Butylbenzene

Concen: 1.591 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.14 min

Lab File: VX009615.D

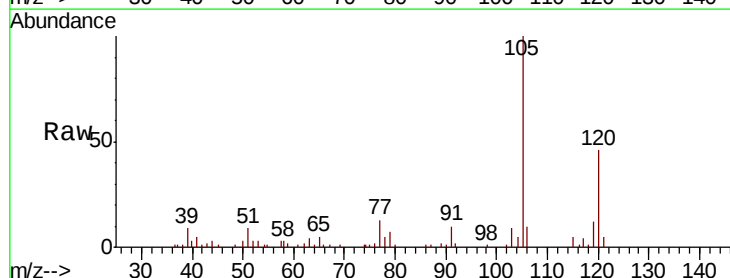
Acq: 16 May 2019 18:18

Tgt Ion:105 Resp: 10417

Ion Ratio Lower Upper

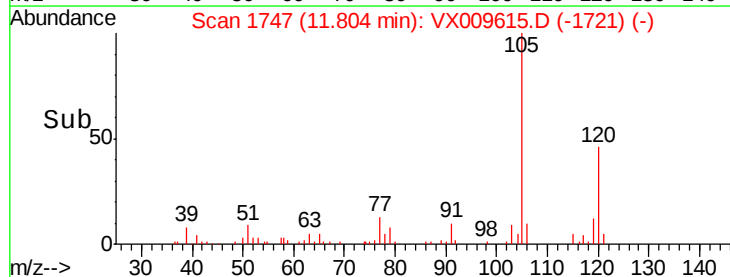
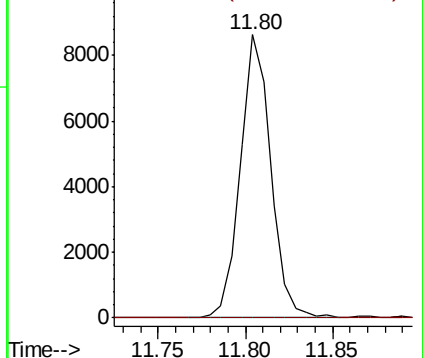
105 100

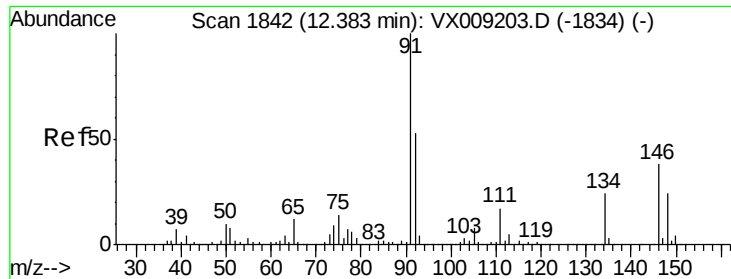
134 0.0 9.7 28.9#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

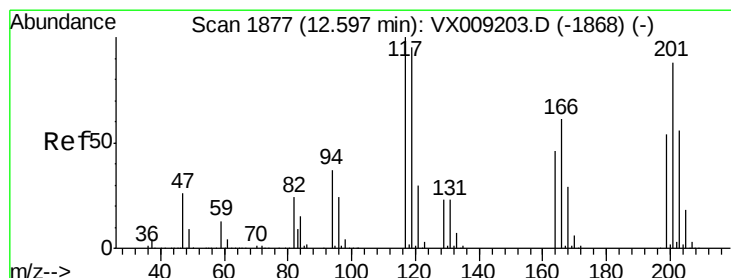
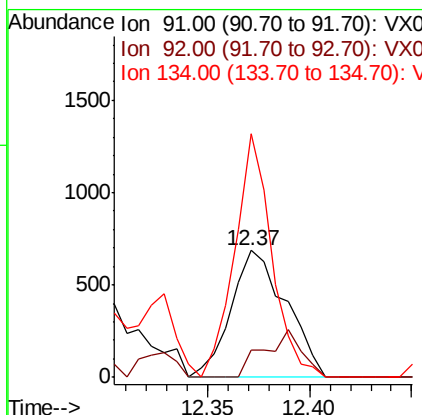
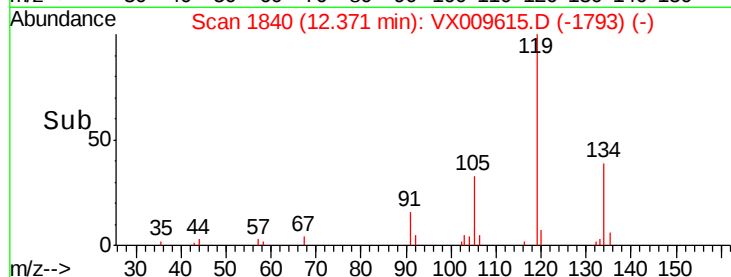
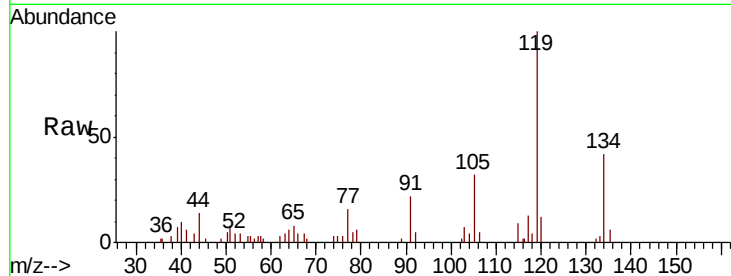




#89
 n-Butylbenzene
 Concen: 0.241 ug/l
 RT: 12.37 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

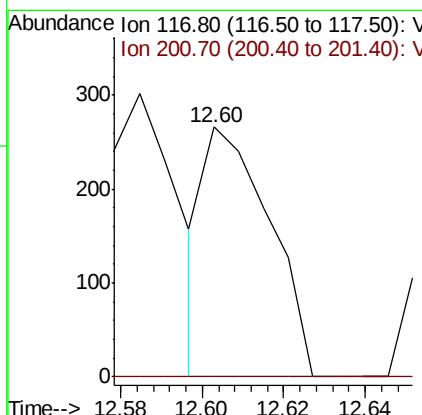
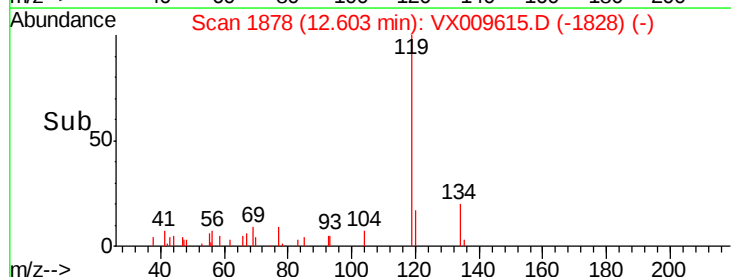
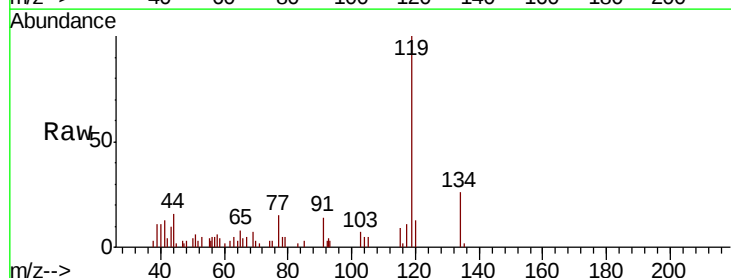
Instrument :
 MSVOA_X
 ClientSampleId :
 RO-COMP-1

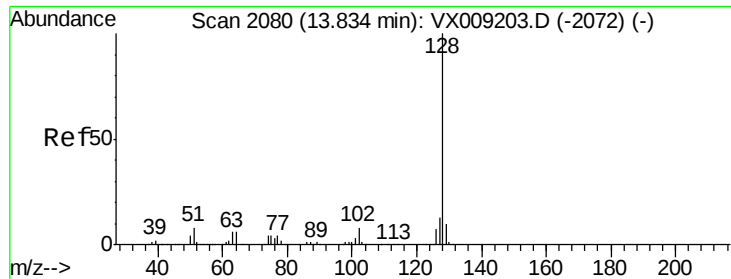
Tot Ion:	91	Resp:	1284
Ion	Ratio	Lower	Upper
91	100		
92	25.8	26.5	79.5#
134	129.0	12.4	37.2#



#90
 Hexachloroethane
 Concen: 0.296 ug/l
 RT: 12.60 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VX009615.D
 Acq: 16 May 2019 18:18

Tgt Ion:	117	Resp:	297
Ion	Ratio	Lower	Upper
117	100		
201	0.0	42.3	126.9#





#95
Naphthalene
Concen: 3.242 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009615.D
Acq: 16 May 2019 18:18

Instrument :
MSVOA_X
ClientSampleId :
RO-COMP-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.4	15.6
129	11.3	8.6	13.0

