

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX041219\
 Data File : VX008919.D
 Acq On : 13 Apr 2019 04:45
 Operator : JC/SP
 Sample : K2364-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OR-COMP-2

Quant Time: Apr 13 06:07:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X040319W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 04 04:47:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	200650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	318318	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	118920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	128027	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
35) Dibromofluoromethane	5.50	113	93403	45.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.78%	
50) Toluene-d8	8.71	98	400616	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.13	95	132231	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	

Target Compounds

					Qvalue
3) Chloromethane	1.33	50	512	Below Cal	# 86
5) Bromomethane	1.64	94	432	2.156	ug/l 92
6) Chloroethane	1.85	64	556	Below Cal	# 55
10) Methyl Iodide	2.52	142	46	4.024	ug/l # 42
11) Tert butyl alcohol	3.05	59	16419	23.964	ug/l # 93
13) Acrolein	2.30	56	4019	11.830	ug/l 89
14) Allyl chloride	2.62	41	159874	30.106	ug/l # 67
16) Acetone	2.45	43	882635	523.622	ug/l 100
17) Carbon Disulfide	2.57	76	1137	Below Cal	# 83
18) Methyl Acetate	2.78	43	206912	50.613	ug/l 99
20) Methylene Chloride	2.86	84	2962	1.050	ug/l 84
23) Vinyl Acetate	3.96	43	16963	1.905	ug/l # 76
25) 2-Butanone	4.68	43	227509	85.395	ug/l 100
28) Bromochloromethane	5.01	49	71	Below Cal	# 22
29) Tetrahydrofuran	5.15	42	1041	0.589	ug/l # 84
36) 1,1-Dichloropropene	5.66	75	15561	4.472	ug/l # 51
37) Ethyl Acetate	4.84	43	99472	21.417	ug/l 98
38) Carbon Tetrachloride	5.66	117	18856	6.547	ug/l # 17
39) Methylcyclohexane	7.31	83	6722	1.564	ug/l # 1
40) Benzene	6.15	78	8707	0.840	ug/l 94
43) Isopropyl Acetate	6.46	43	5475	0.753	ug/l # 64
48) Methyl methacrylate	7.66	41	10379	2.820	ug/l # 45
49) 1,4-Dioxane	7.75	88	772	11.198	ug/l # 19
52) Toluene	8.79	92	11359	1.859	ug/l 98
53) t-1,3-Dichloropropene	9.06	75	893	0.246	ug/l # 43
59) 2-Hexanone	9.49	43	26638	7.319	ug/l 96
66) 1,1,1,2-Tetrachloroethane	10.38	131	44021	20.146	ug/l # 8
68) m/p-Xylenes	10.36	106	3527	0.845	ug/l 89
69) o-Xylene	10.70	106	1542	0.381	ug/l 93
74) N-amyl acetate	10.90	43	6514	1.123	ug/l # 47
75) 1,1,2,2-Tetrachloroethane	11.21	83	320738	85.573	ug/l # 32
76) 1,2,3-Trichloropropane	11.13	75	66850	20.463	ug/l # 34
80) 1,3,5-Trimethylbenzene	11.51	105	2748	0.332	ug/l 99
81) trans-1,4-Dichloro-2-buten	11.13	75	66850	56.408	ug/l # 9

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QLast Update : Thu Apr 04 04:47:41 2019
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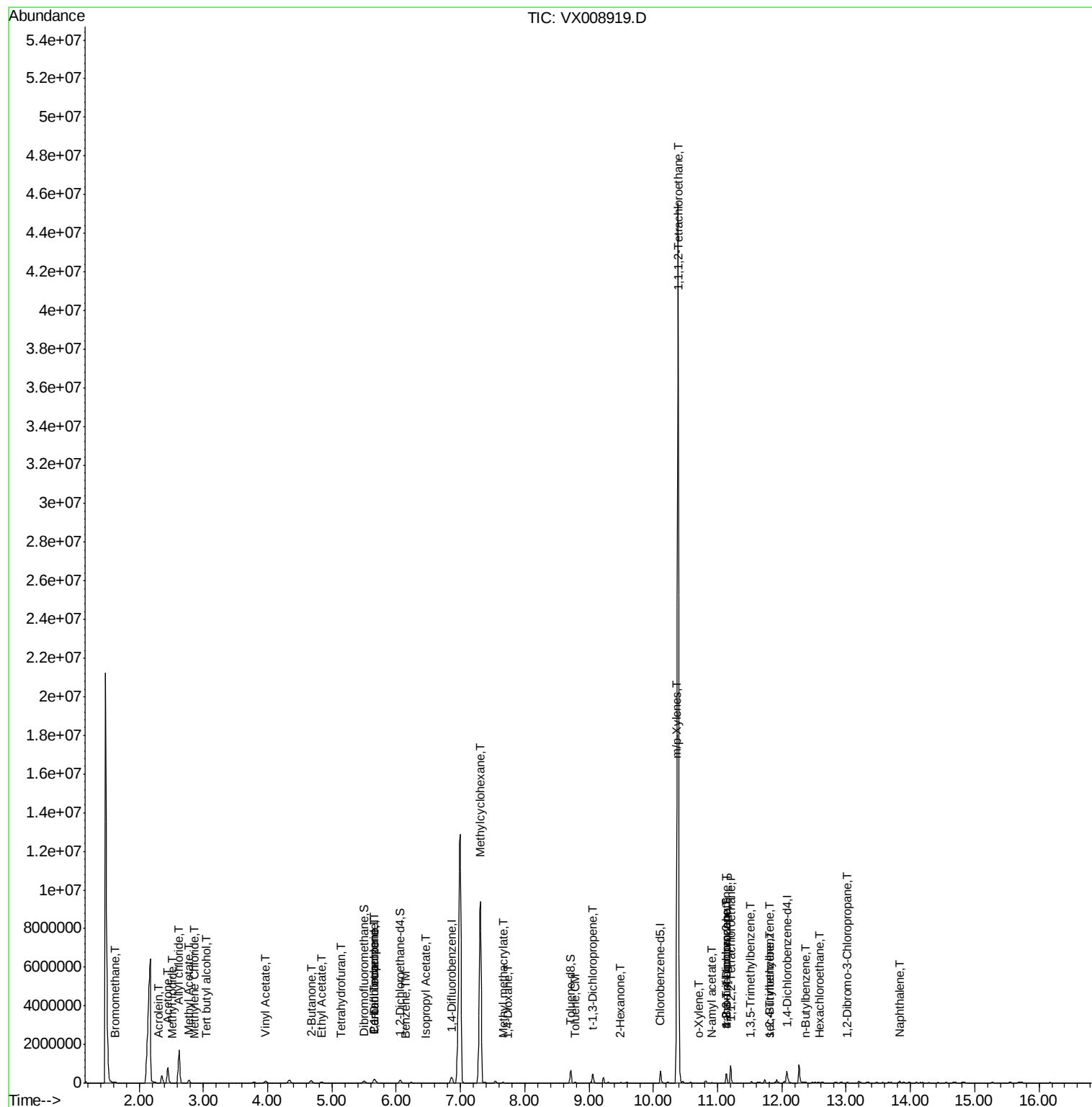
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.80	105	11801	1.409	ug/l	86
85) sec-Butylbenzene	11.80	105	11801	1.248	ug/l #	58
89) n-Butylbenzene	12.38	91	1640	0.206	ug/l #	34
90) Hexachloroethane	12.58	117	307	0.218	ug/l #	9
92) 1,2-Dibromo-3-Chloropropan	13.01	75	268	0.325	ug/l #	3
95) Naphthalene	13.83	128	42922	4.386	ug/l	97

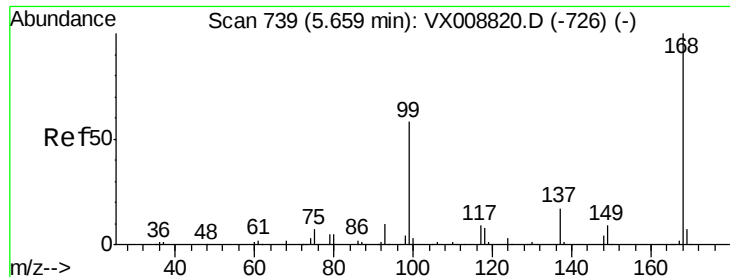
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

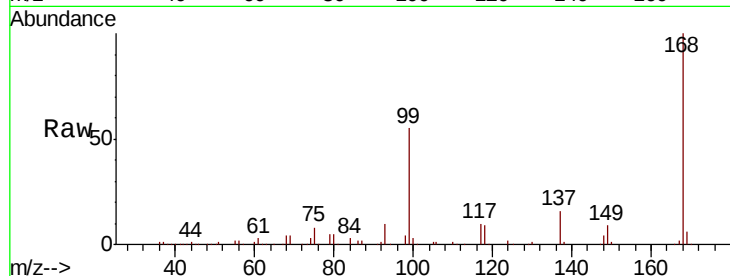
OR-COMP-2

Tot Ion:168 Resp: 200650

Ion Ratio Lower Upper

168 100

99 55.0 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

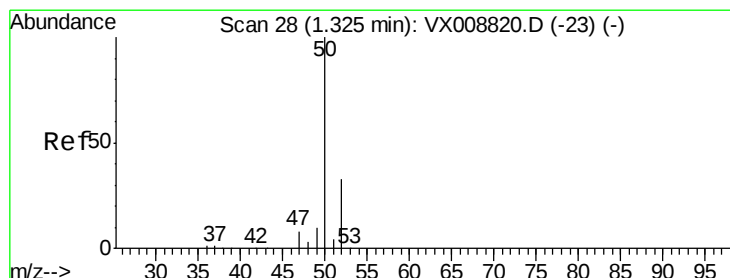
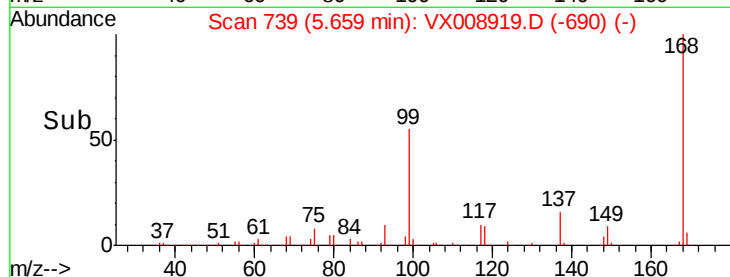
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX008919.D

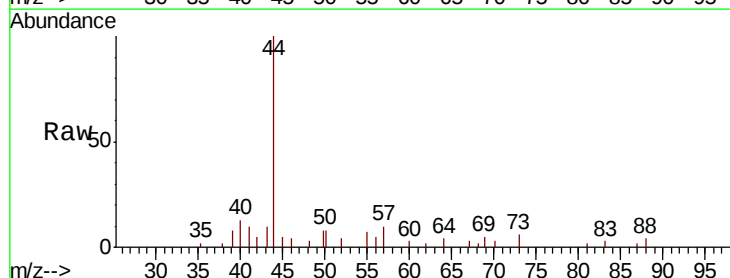
Acq: 13 Apr 2019 04:45

Tgt Ion: 50 Resp: 512

Ion Ratio Lower Upper

50 100

52 24.5 25.8 38.8#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

500

400

300

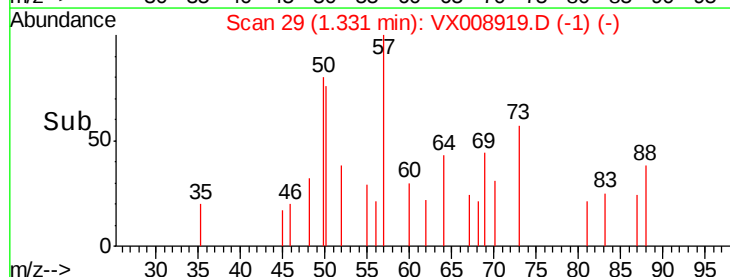
200

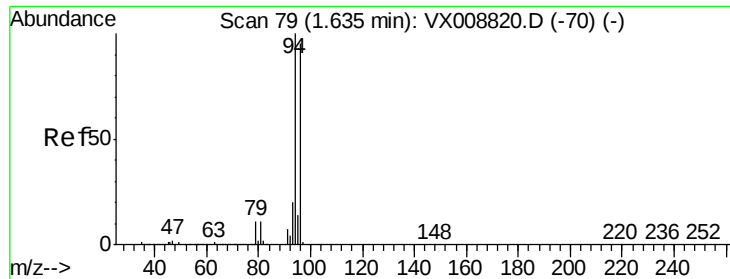
100

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 2.156 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampled :

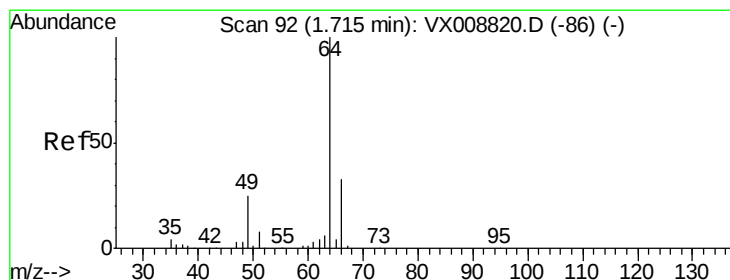
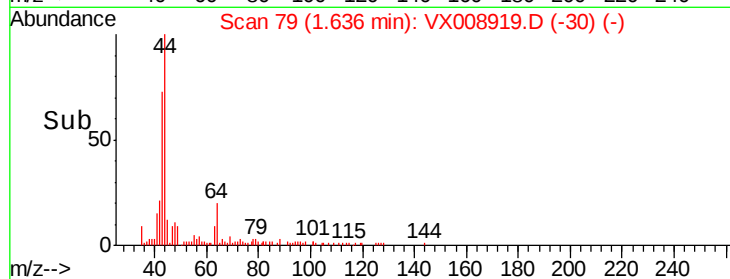
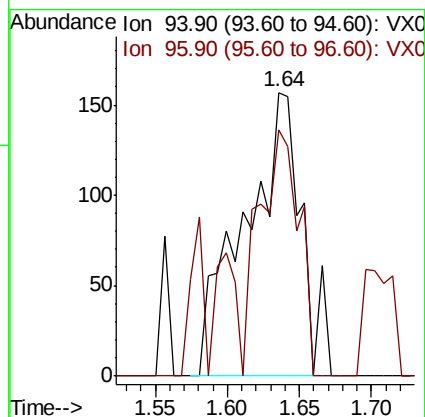
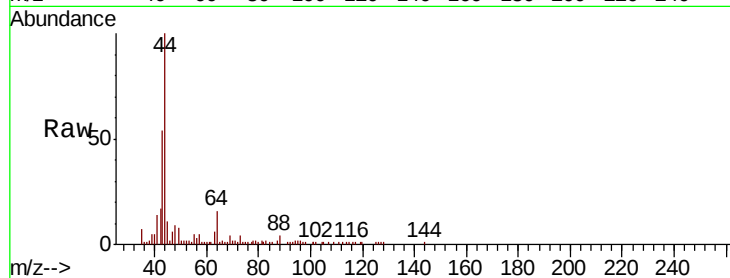
OR-COMP-2

Tot Ion: 94 Resp: 432

Ion Ratio Lower Upper

94 100

96 86.6 75.2 112.8



#6

Chloroethane

Concen: Below Cal

RT: 1.85 min Scan# 115

Delta R.T. 0.14 min

Lab File: VX008919.D

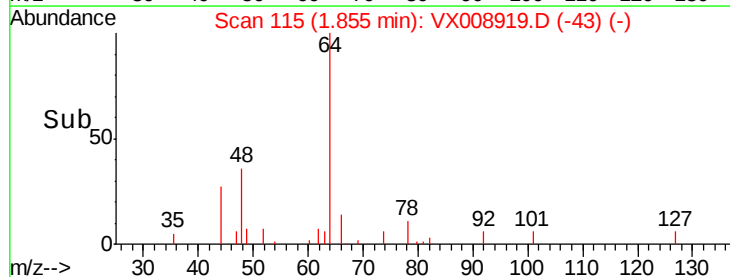
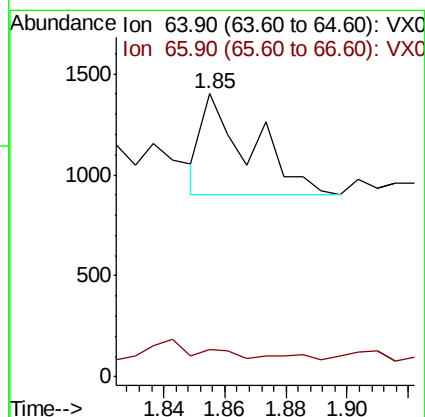
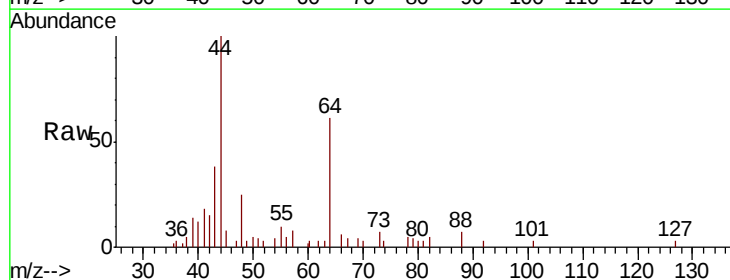
Acq: 13 Apr 2019 04:45

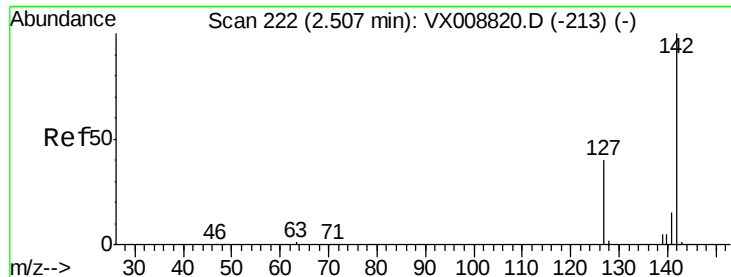
Tgt Ion: 64 Resp: 556

Ion Ratio Lower Upper

64 100

66 6.8 25.4 38.0#

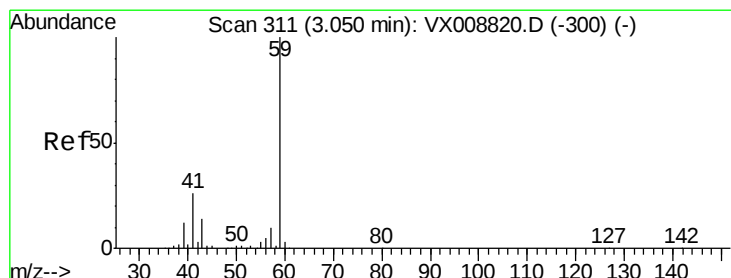
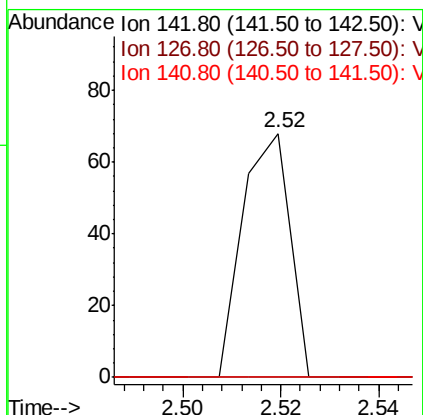
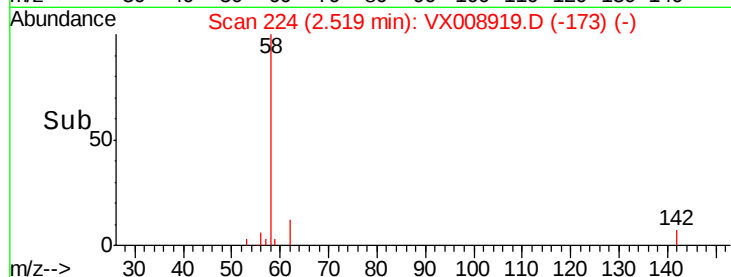
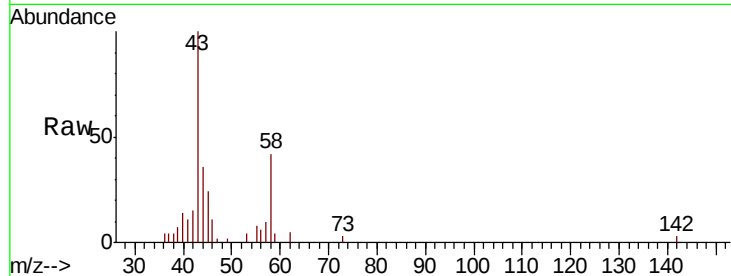




#10
Methyl Iodide
Concen: 4.024 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

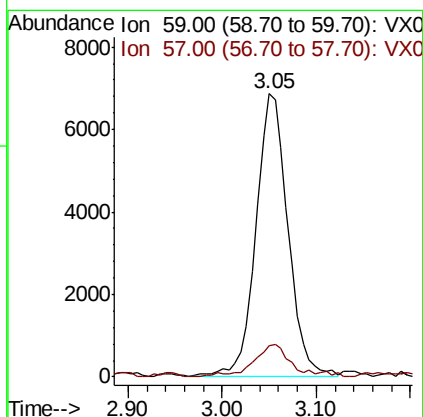
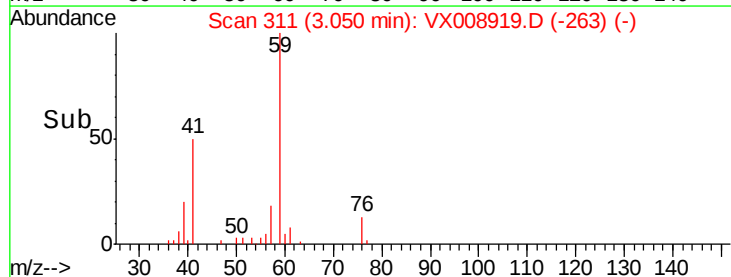
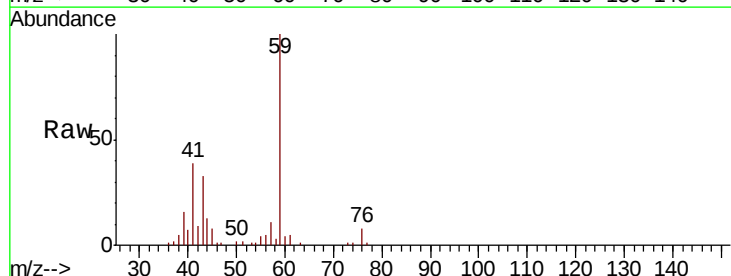
Instrument :
MSVOA_X
ClientSampled :
OR-COMP-2

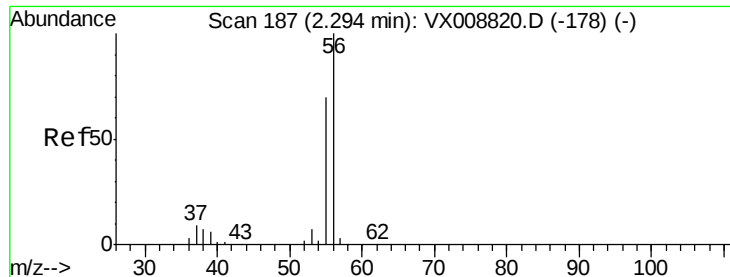
Tot Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 33.0 49.6#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 23.964 ug/l
RT: 3.05 min Scan# 311
Delta R.T. -0.01 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion: 59 Resp: 16419
Ion Ratio Lower Upper
59 100
57 13.2 8.3 12.5#





#13

Acrolein

Concen: 11.830 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

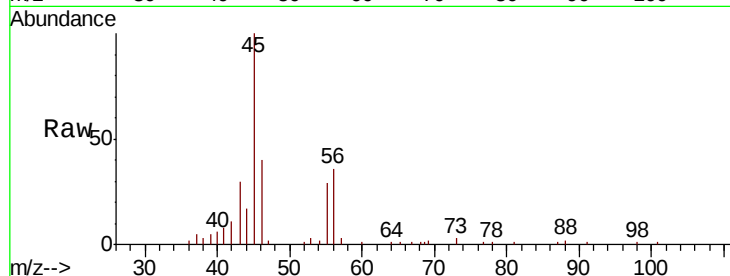
OR-COMP-2

Tot Ion: 56 Resp: 4019

Ion Ratio Lower Upper

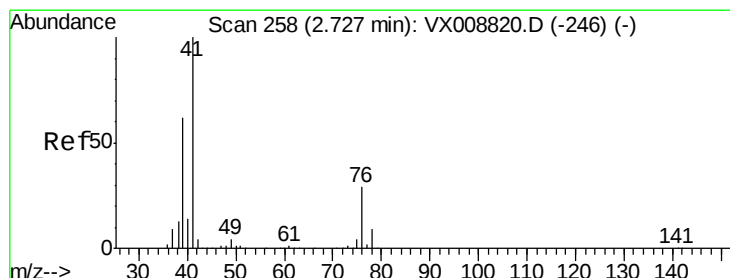
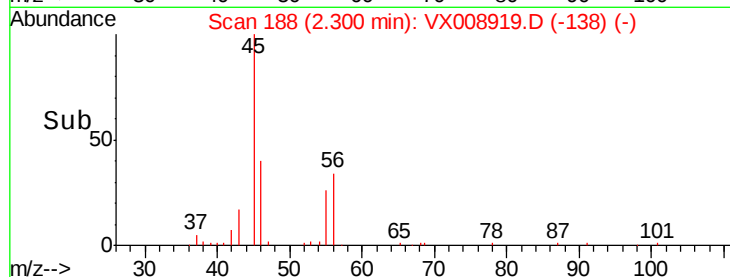
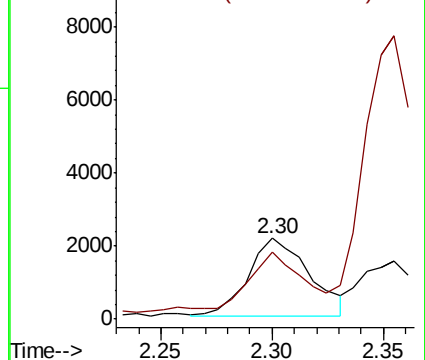
56 100

55 63.0 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 30.106 ug/l

RT: 2.62 min Scan# 241

Delta R.T. -0.10 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

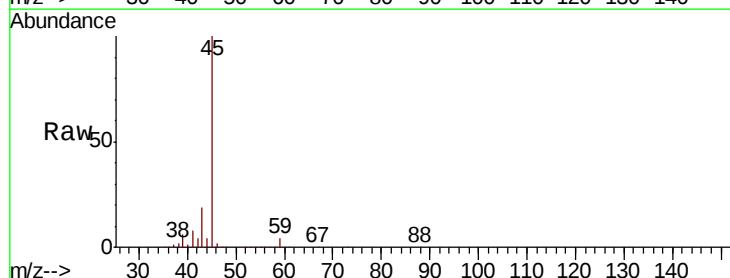
Tgt Ion: 41 Resp: 159874

Ion Ratio Lower Upper

41 100

39 78.2 48.0 72.0#

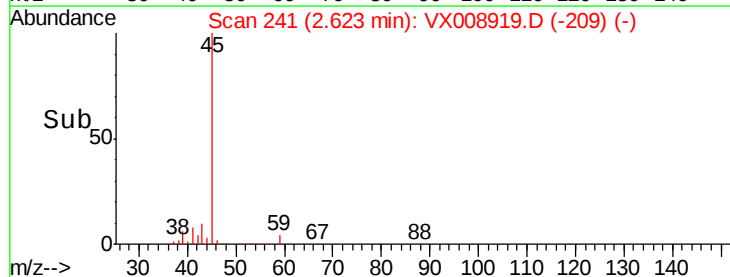
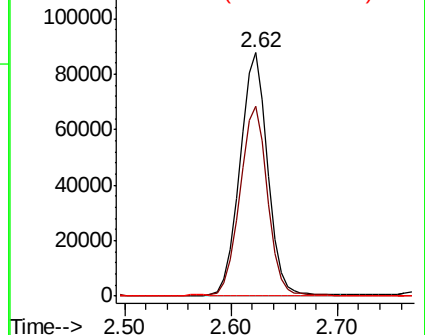
76 0.0 22.0 33.0#

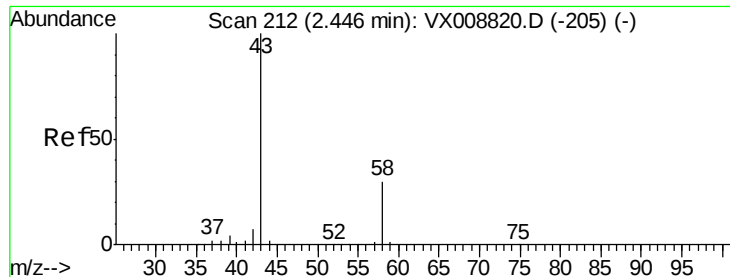


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#16

Acetone

Concen: 523.622 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

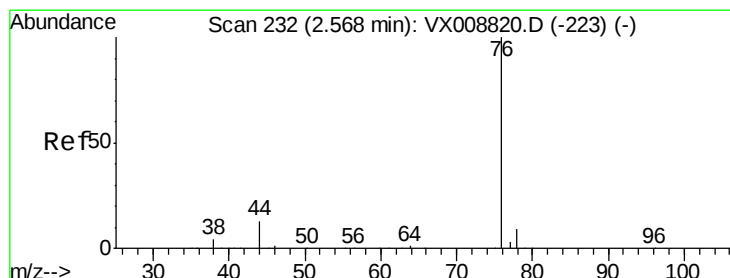
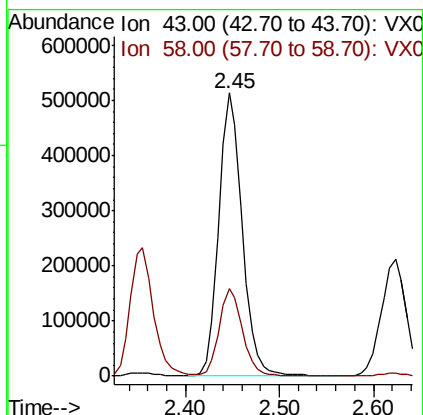
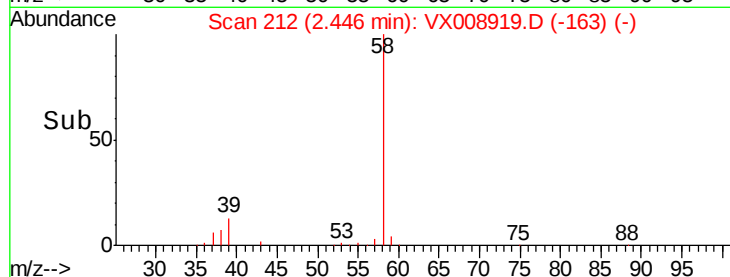
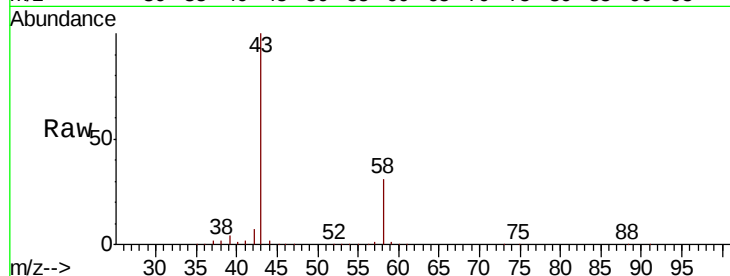
OR-COMP-2

Tot Ion: 43 Resp: 882635

Ion Ratio Lower Upper

43 100

58 30.9 24.8 37.2



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX008919.D

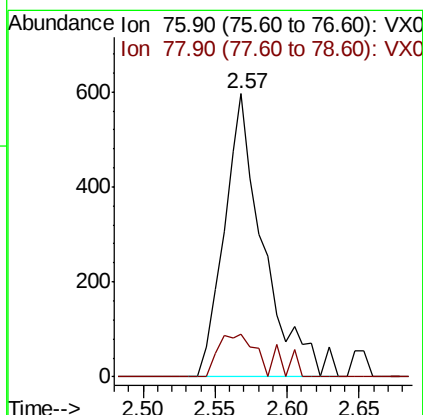
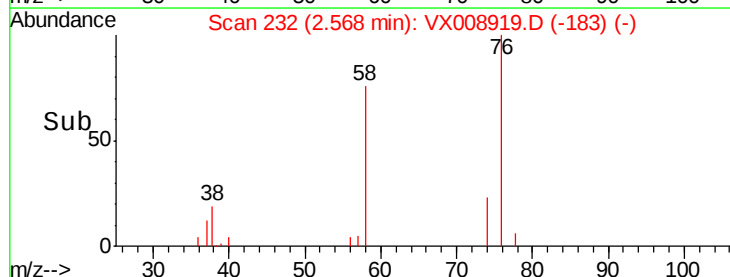
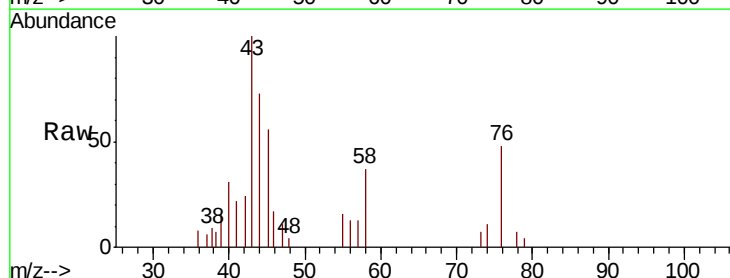
Acq: 13 Apr 2019 04:45

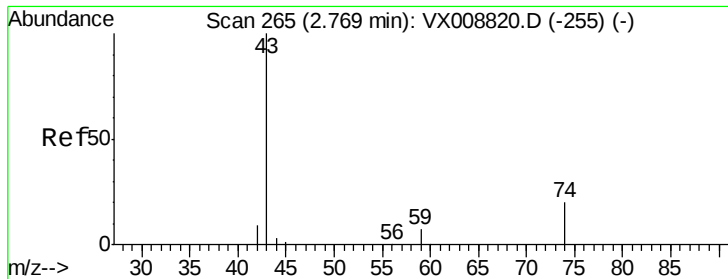
Tgt Ion: 76 Resp: 1137

Ion Ratio Lower Upper

76 100

78 15.1 7.1 10.7#

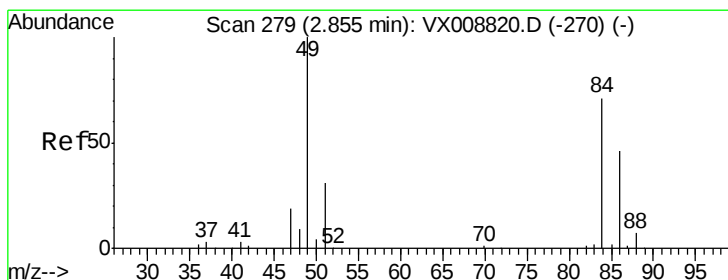
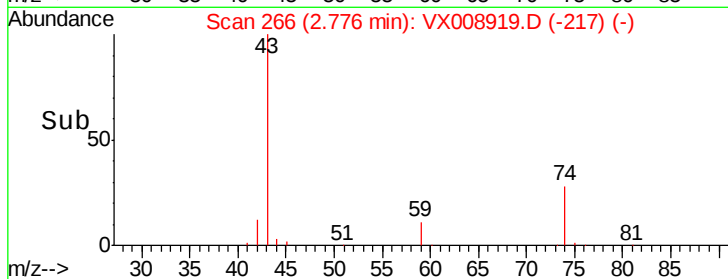
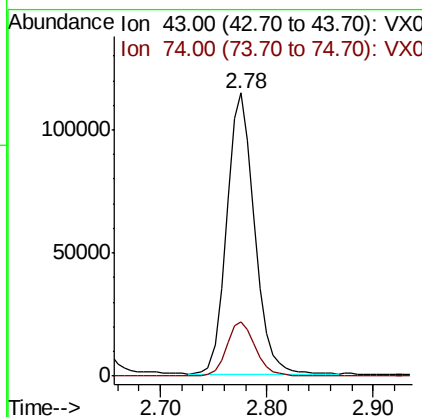
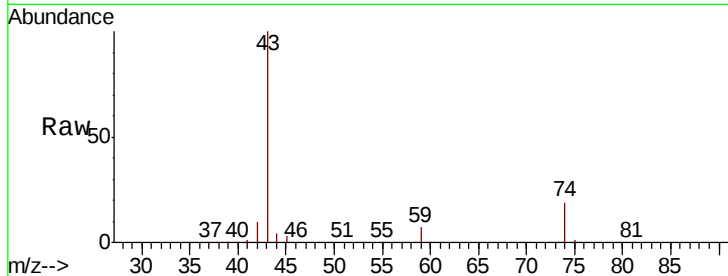




#18
Methvl Acetate
Concen: 50.613 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

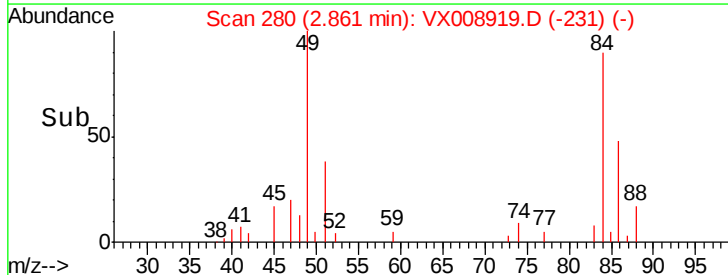
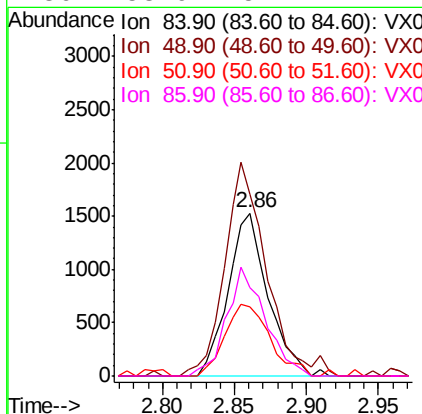
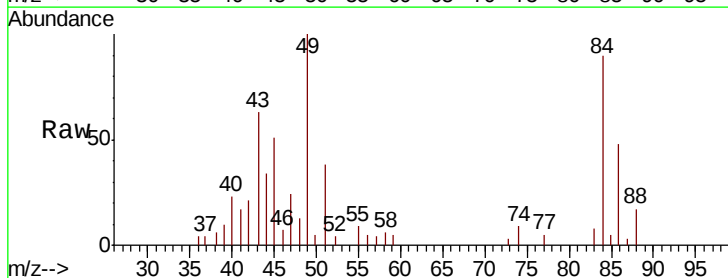
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-2

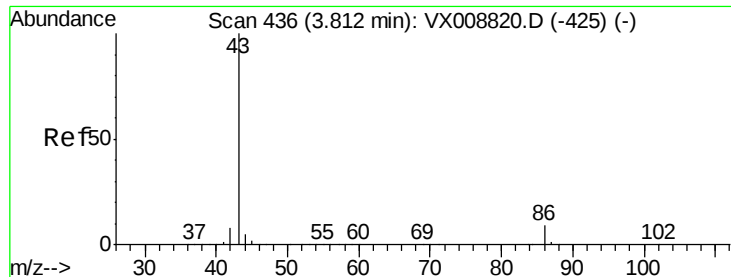
Tot Ion: 43 Resp: 206912
Ion Ratio Lower Upper
43 100
74 20.1 16.5 24.7



#20
Methylene Chloride
Concen: 1.050 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion: 84 Resp: 2962
Ion Ratio Lower Upper
84 100
49 111.4 109.7 164.5
51 42.5 33.6 50.4
86 53.9 51.4 77.2





#23

Vinyl Acetate

Concen: 1.905 ug/l

RT: 3.96 min Scan# 461

Delta R.T. 0.15 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampled :

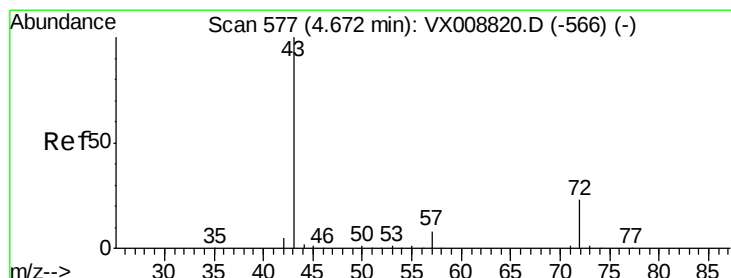
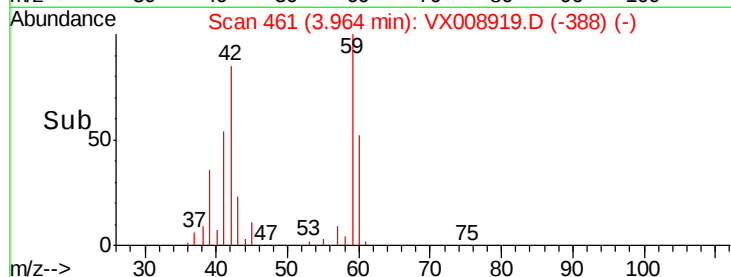
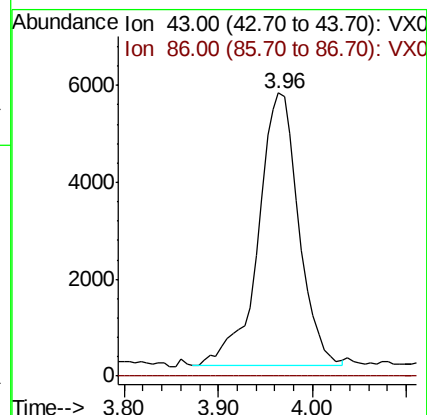
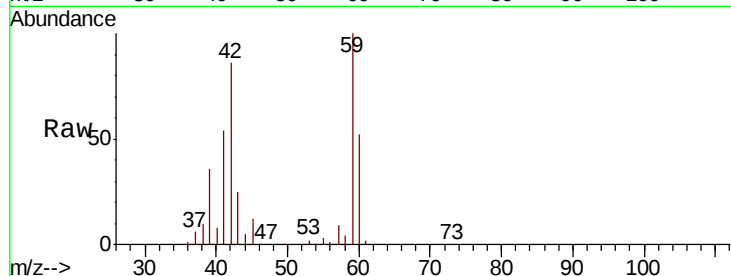
OR-COMP-2

Tot Ion: 43 Resp: 16963

Ion Ratio Lower Upper

43 100

86 0.0 7.0 10.6#



#25

2-Butanone

Concen: 85.395 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008919.D

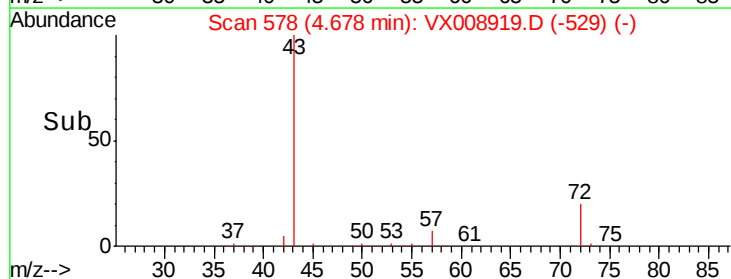
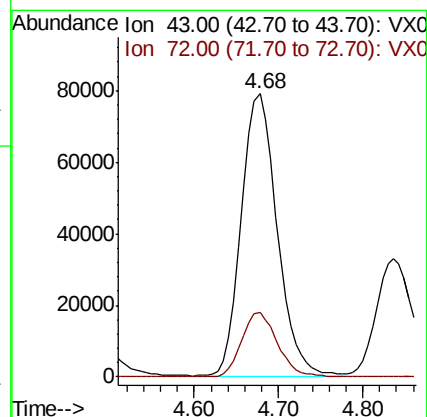
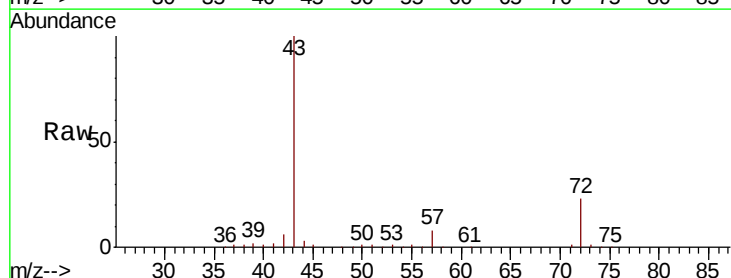
Acq: 13 Apr 2019 04:45

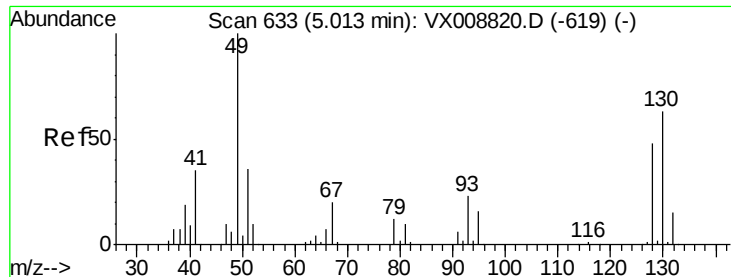
Tgt Ion: 43 Resp: 227509

Ion Ratio Lower Upper

43 100

72 22.7 18.2 27.4





#28

Bromochloromethane

Concen: Below Cal

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

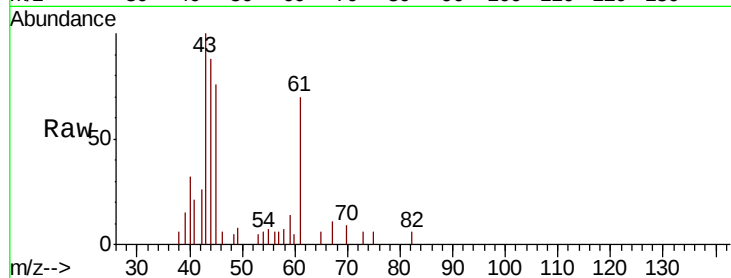
Tot Ion: 49 Resp: 71

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

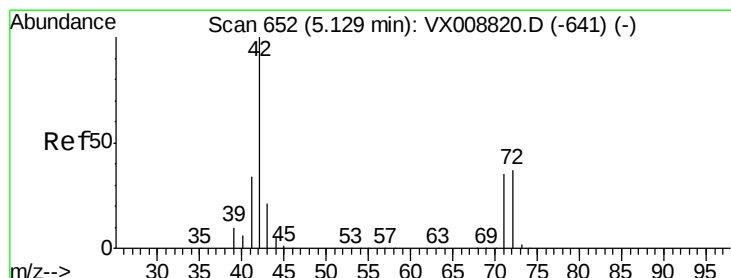
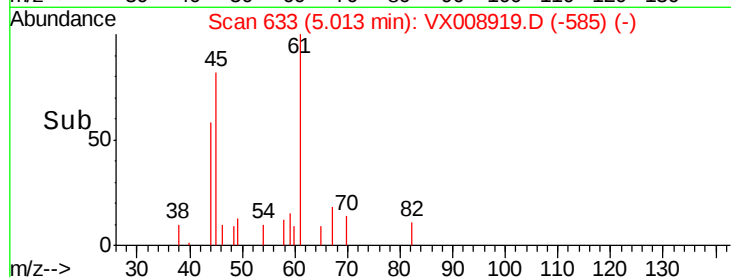
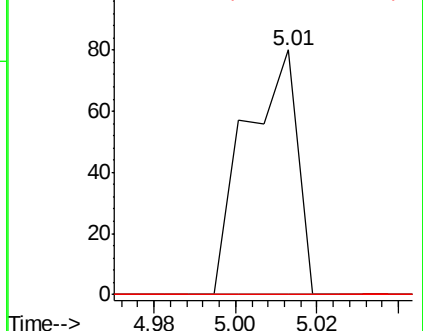
130 0.0 49.3 73.9#



Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V



#29

Tetrahydrofuran

Concen: 0.589 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

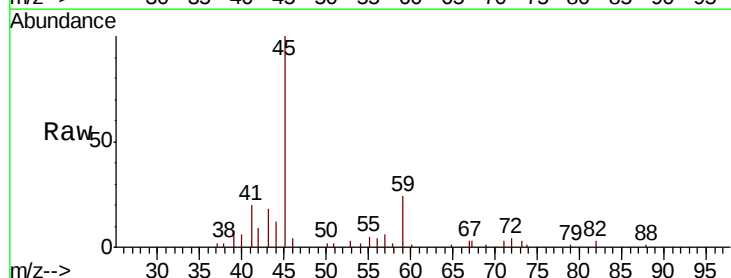
Tgt Ion: 42 Resp: 1041

Ion Ratio Lower Upper

42 100

72 30.7 30.5 45.7

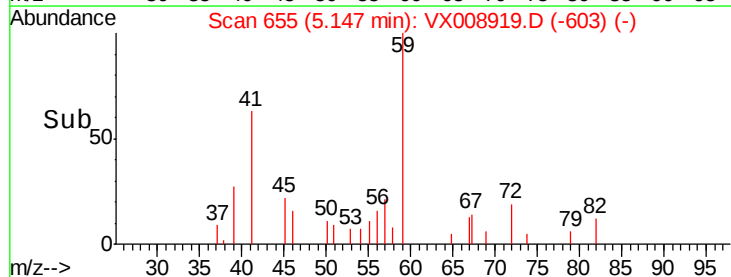
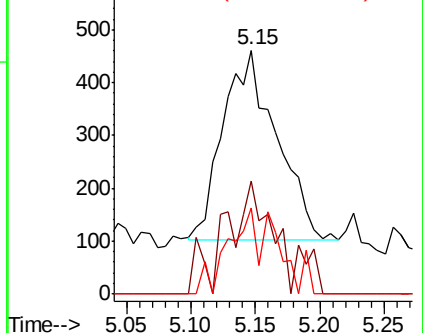
71 24.0 28.6 43.0#

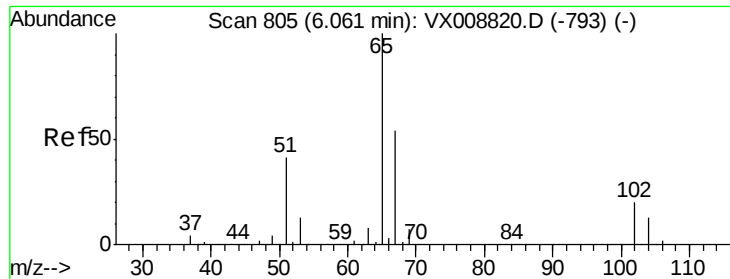


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 43.746 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

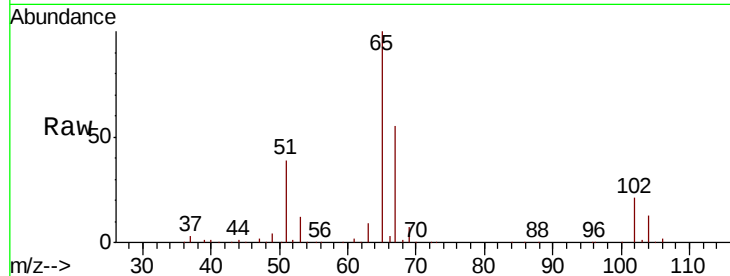
OR-COMP-2

Tot Ion: 65 Resp: 128027

Ion Ratio Lower Upper

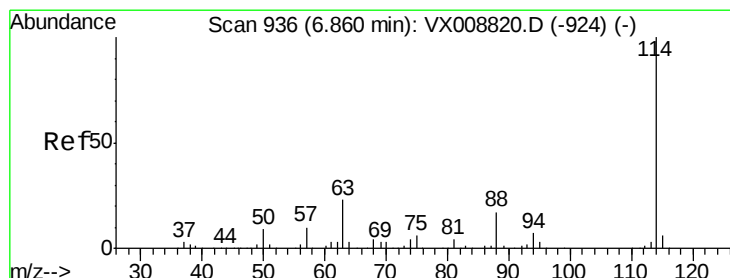
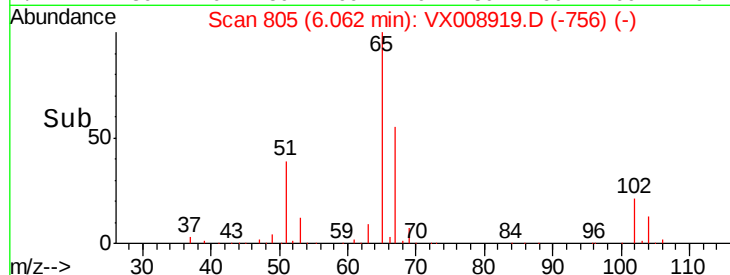
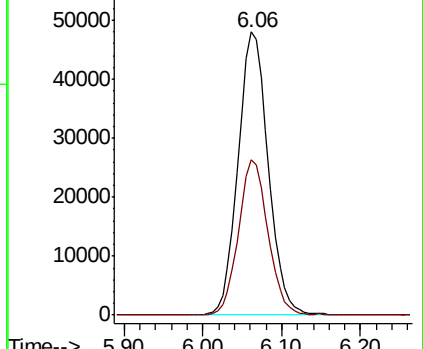
65 100

67 54.0 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

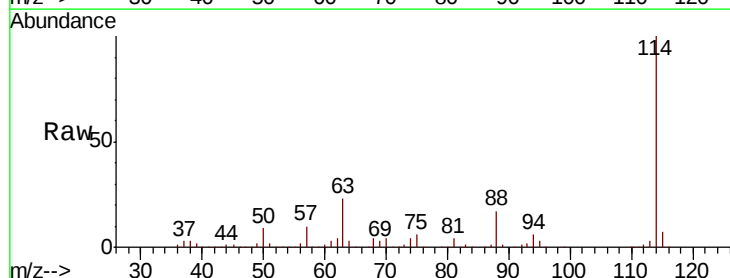
Tgt Ion: 114 Resp: 318318

Ion Ratio Lower Upper

114 100

63 22.9 0.0 47.2

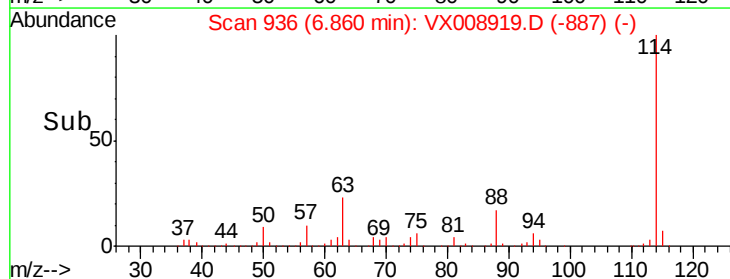
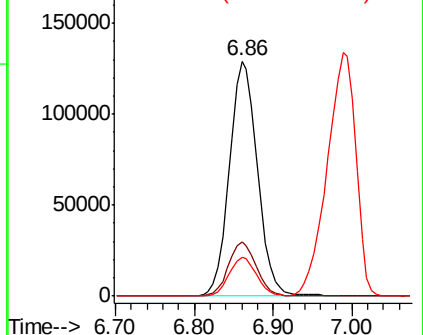
88 16.7 0.0 34.0

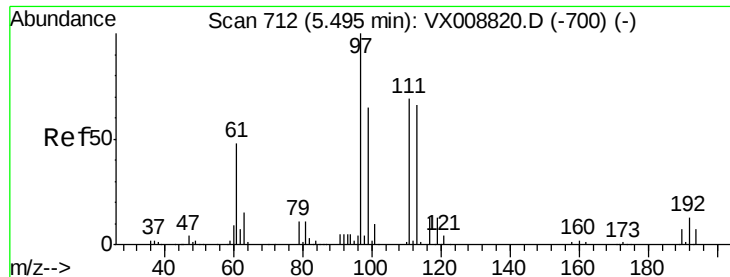


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 45.894 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

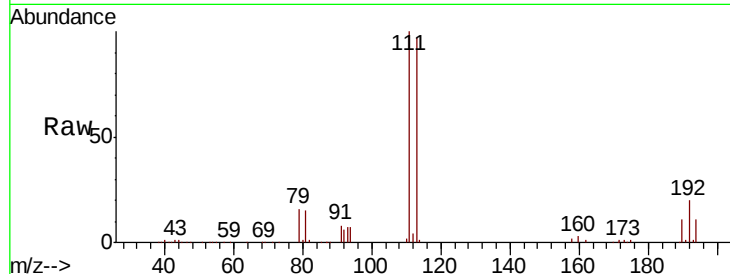
Tot Ion:113 Resp: 93403

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.2

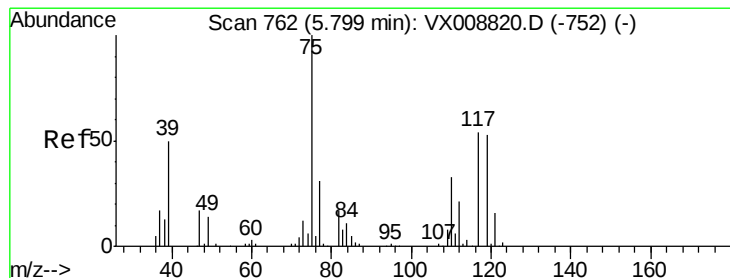
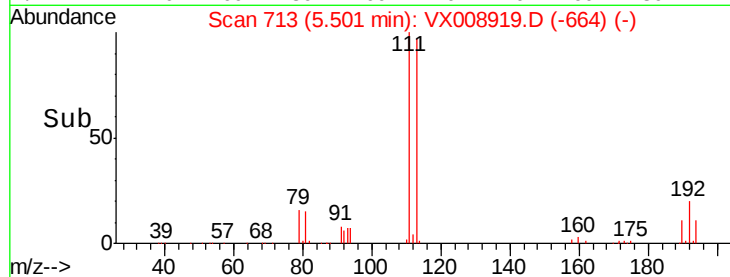
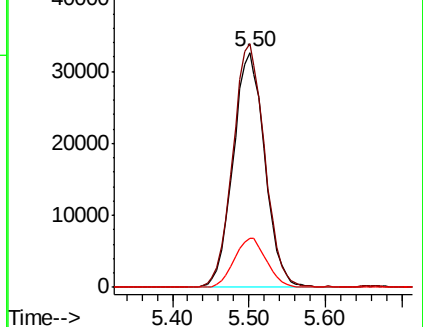
192 21.2 16.1 24.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.472 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

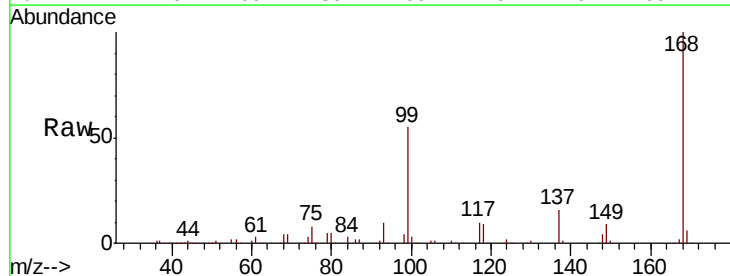
Tgt Ion: 75 Resp: 15561

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.2#

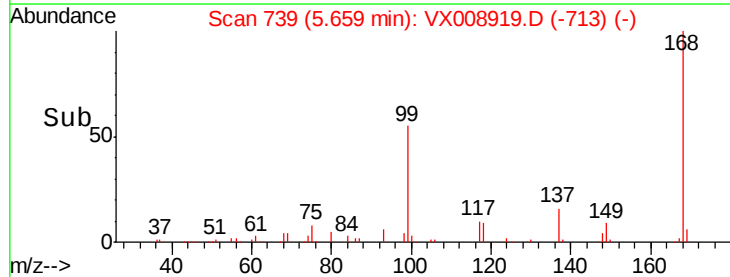
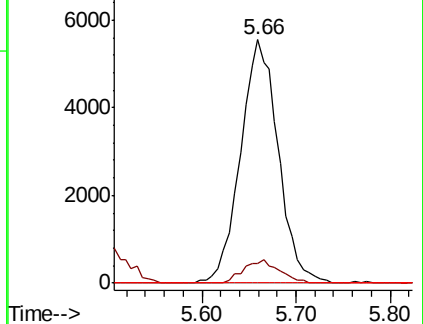
77 0.0 24.7 37.1#

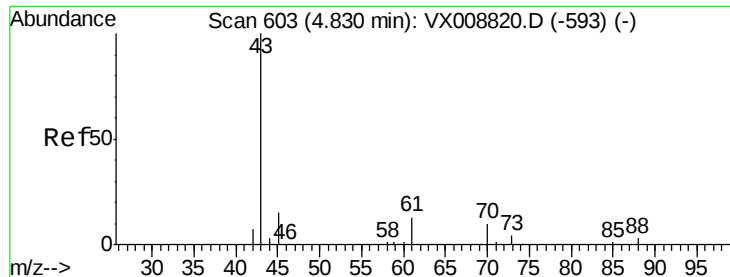


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

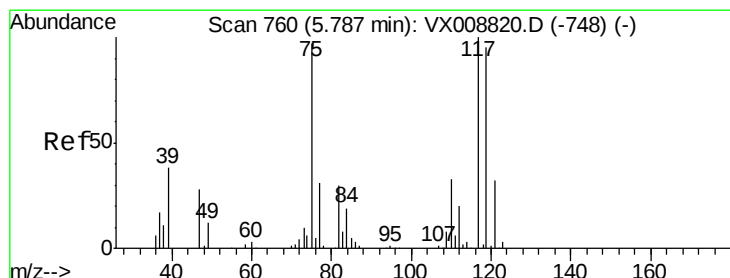
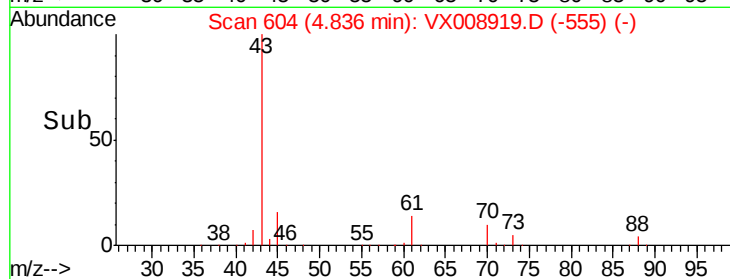
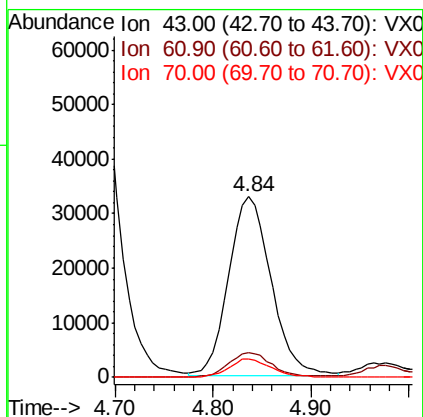
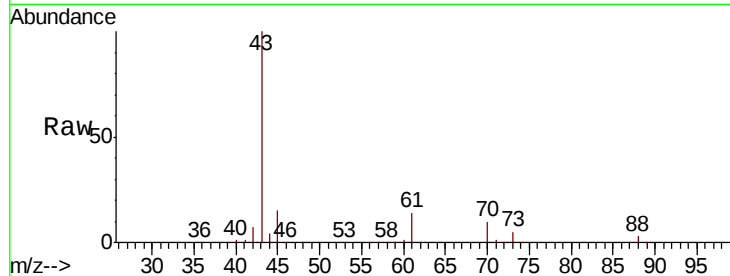




#37
Ethyl Acetate
Concen: 21.417 ug/l
RT: 4.84 min Scan# 604
Delta R.T. -0.00 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

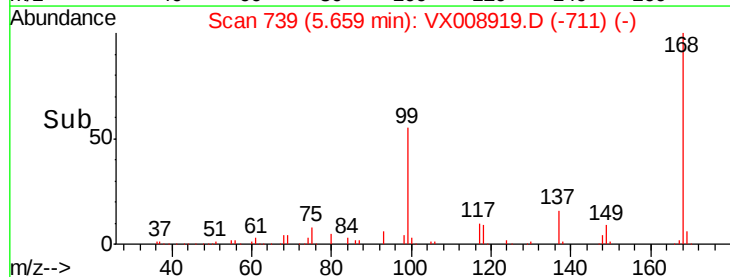
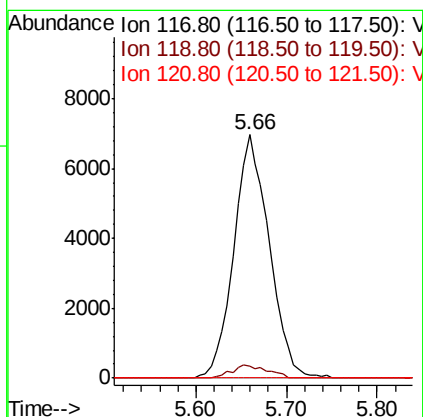
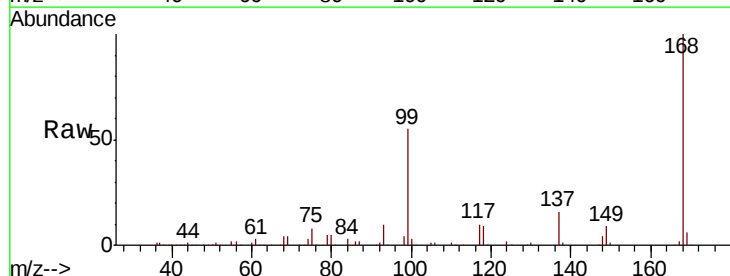
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-2

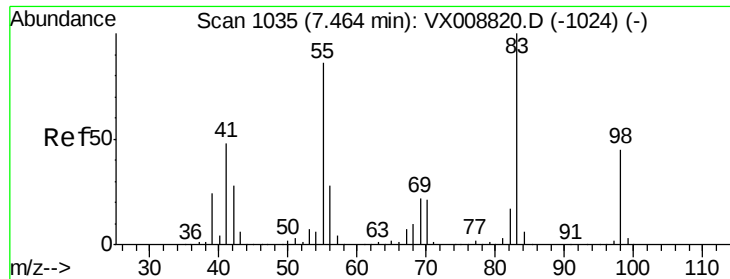
Tot Ion: 43 Resp: 99472
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 10.4 7.6 11.4



#38
Carbon Tetrachloride
Concen: 6.547 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.13 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion: 117 Resp: 18856
Ion Ratio Lower Upper
117 100
119 4.8 75.0 112.6#
121 0.0 24.3 36.5#





#39

Methvlcvclohexane

Concen: 1.564 ug/l

RT: 7.31 min Scan# 1010

Delta R.T. -0.15 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

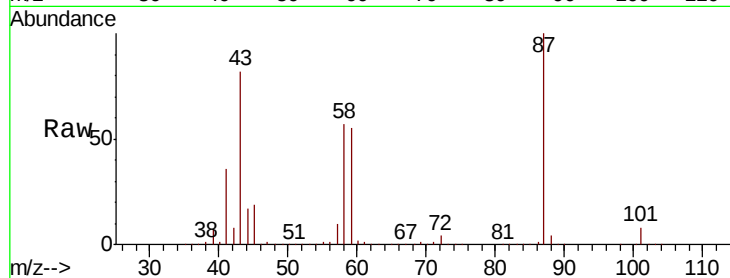
Tot Ion: 83 Resp: 6722

Ion Ratio Lower Upper

83 100

55 745.6 69.0 103.6#

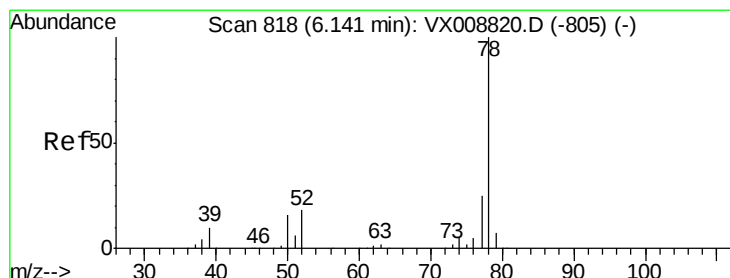
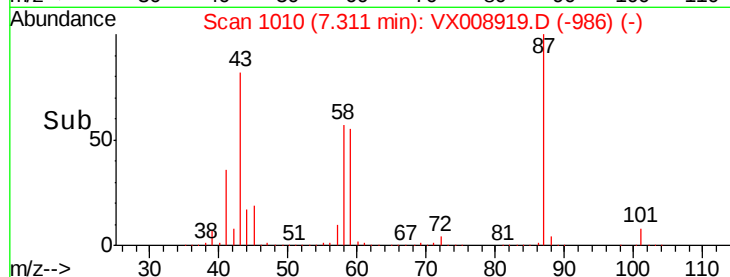
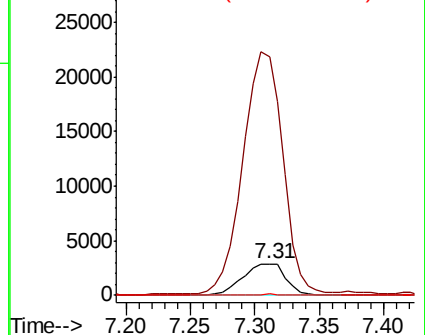
98 4.0 34.4 51.6#



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 0.840 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008919.D

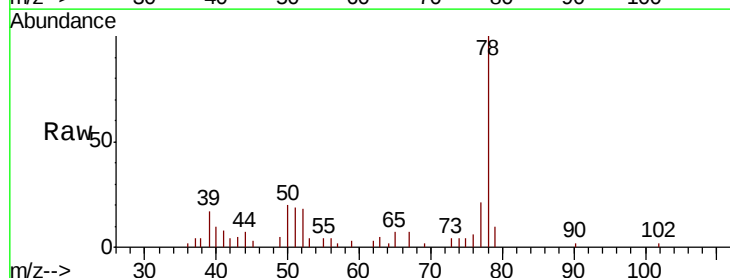
Acq: 13 Apr 2019 04:45

Tgt Ion: 78 Resp: 8707

Ion Ratio Lower Upper

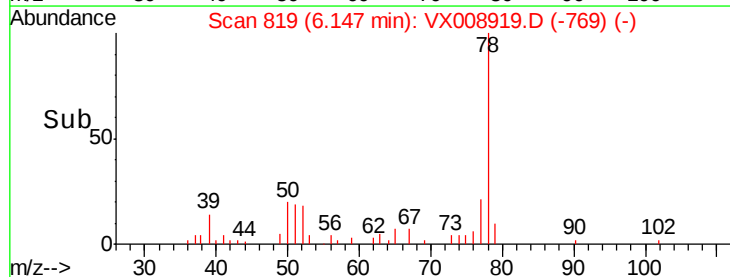
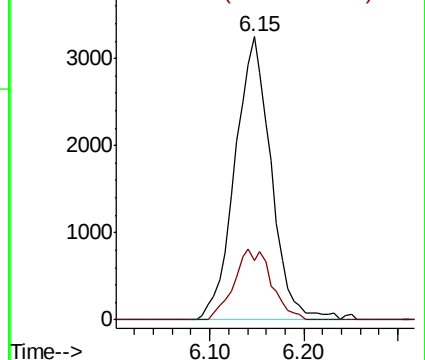
78 100

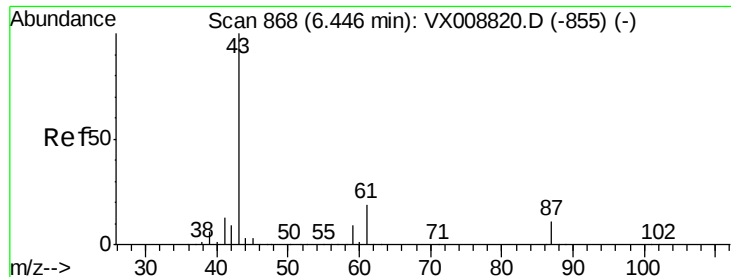
77 20.9 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 0.753 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.02 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

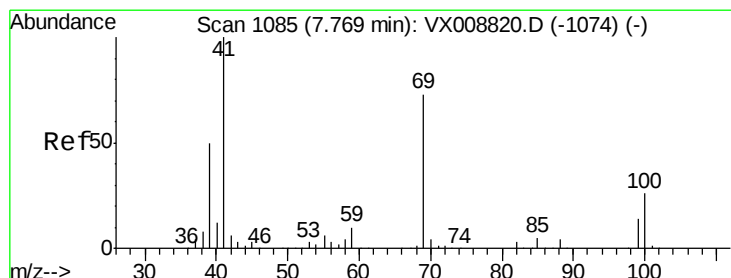
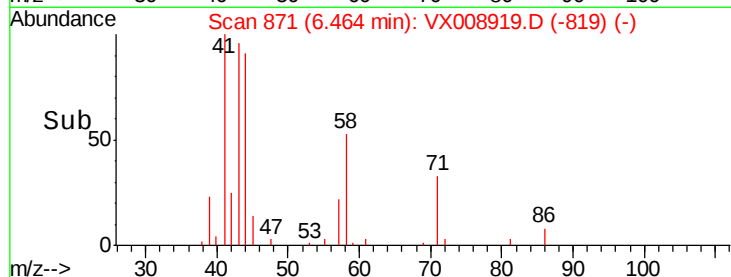
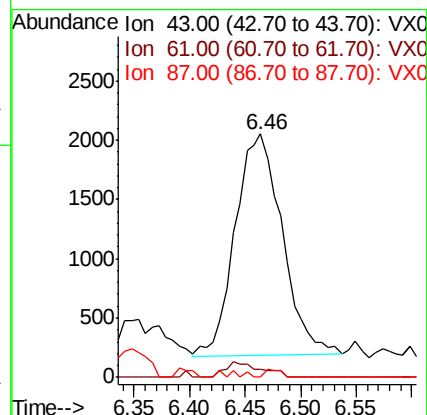
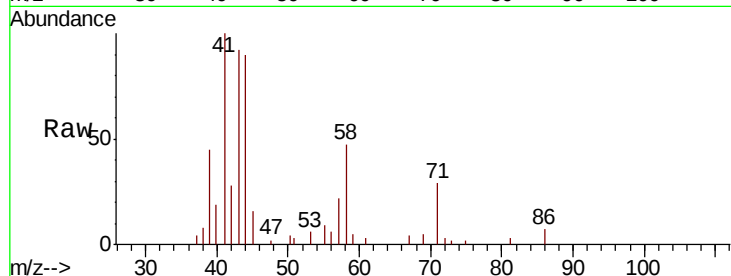
Tot Ion: 43 Resp: 5475

Ion Ratio Lower Upper

43 100

61 0.0 15.3 22.9#

87 1.2 9.0 13.6#



#48

Methyl methacrylate

Concen: 2.820 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.11 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

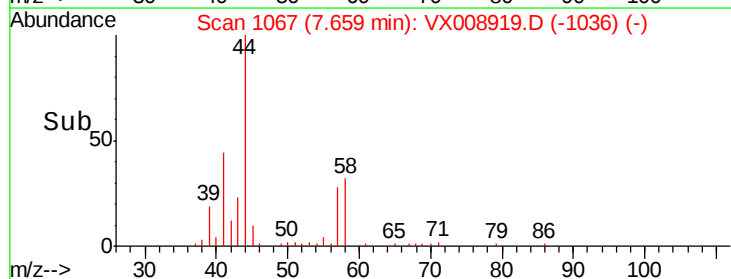
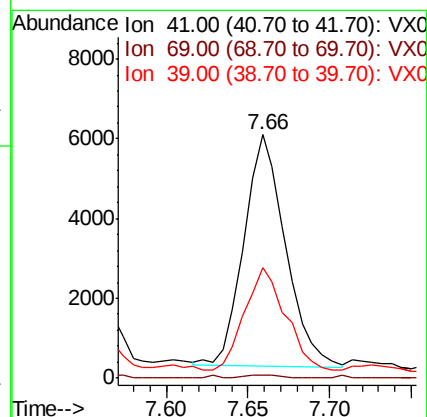
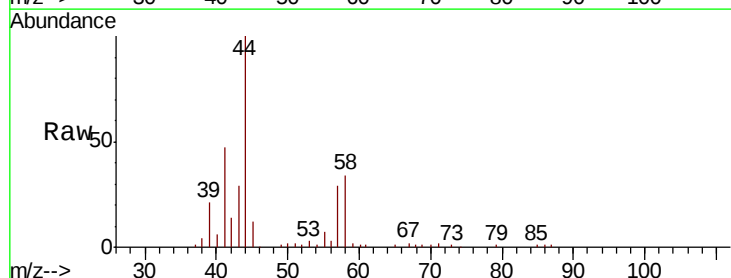
Tgt Ion: 41 Resp: 10379

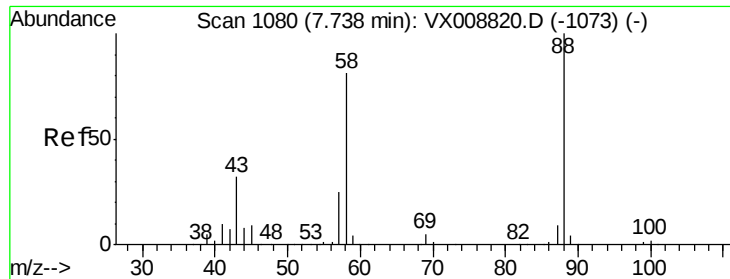
Ion Ratio Lower Upper

41 100

69 1.2 59.0 88.4#

39 43.3 41.0 61.4

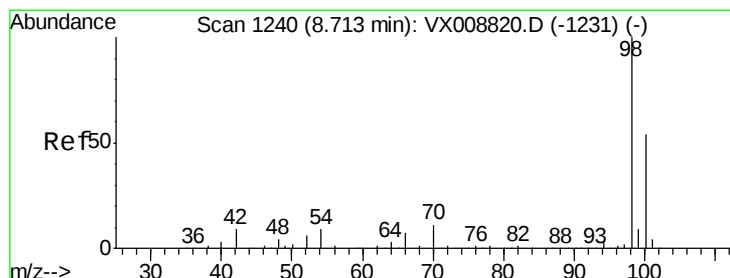
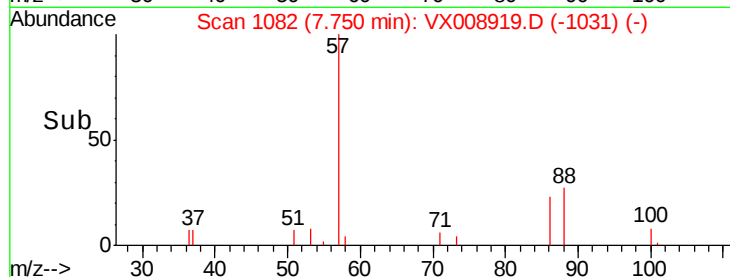
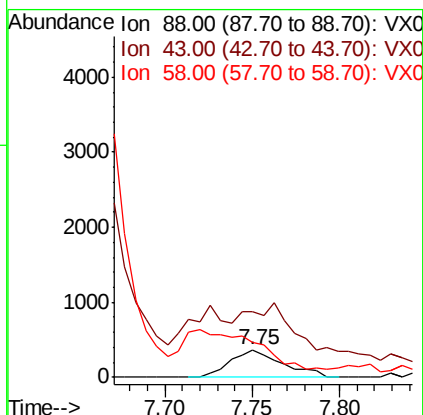
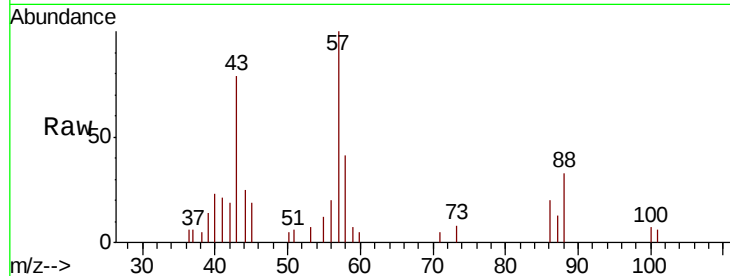




#49
1,4-Dioxane
Concen: 11.198 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

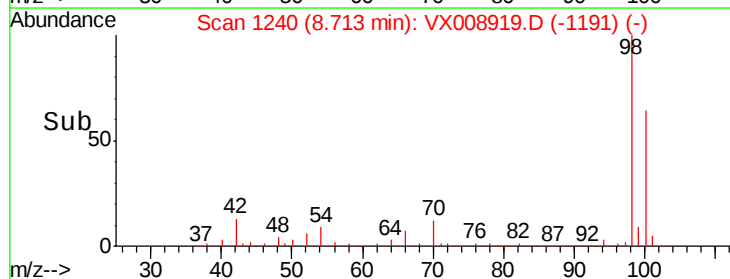
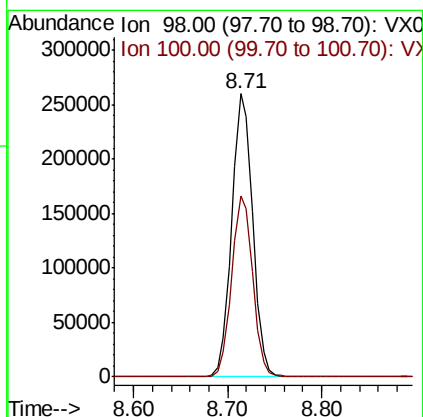
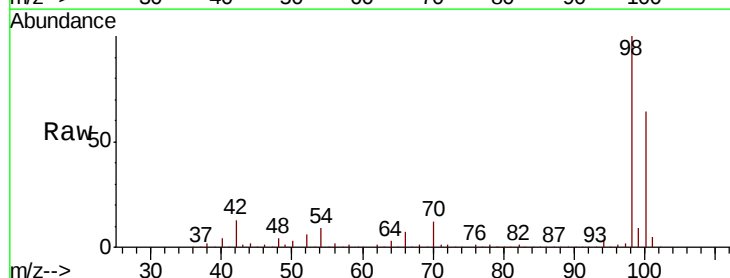
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-2

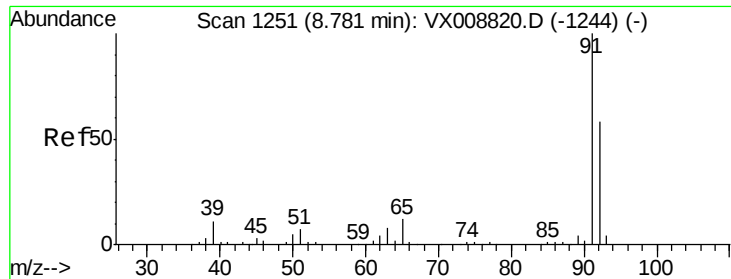
Tot Ion: 88 Resp: 772
Ion Ratio Lower Upper
88 100
43 0.0 28.6 43.0#
58 0.0 62.2 93.2#



#50
Toluene-d8
Concen: 49.437 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion: 98 Resp: 400616
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0





#52

Toluene

Concen: 1.859 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

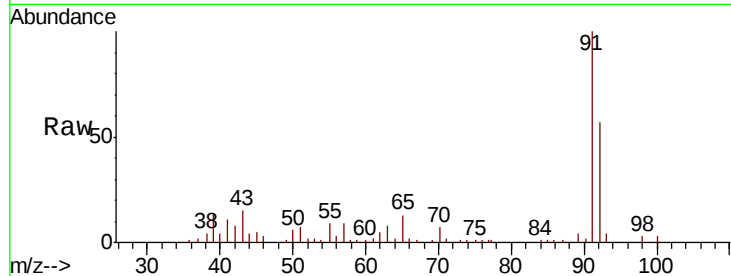
OR-COMP-2

Tot Ion: 92 Resp: 11359

Ion Ratio Lower Upper

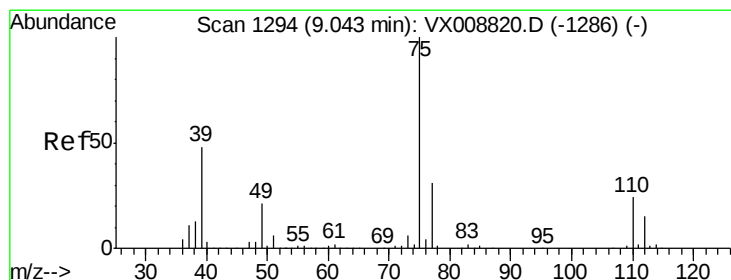
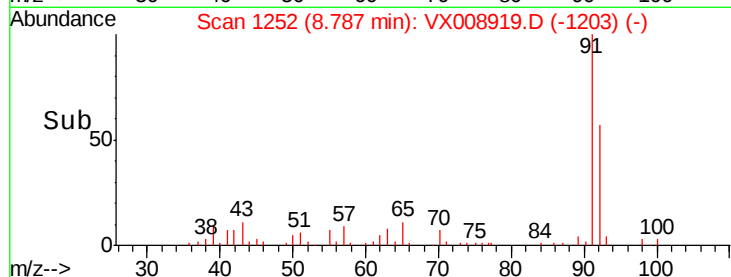
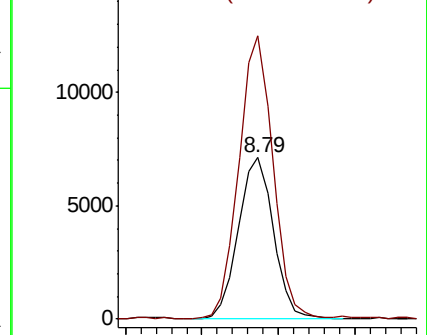
92 100

91 170.6 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.246 ug/l

RT: 9.06 min Scan# 1297

Delta R.T. 0.02 min

Lab File: VX008919.D

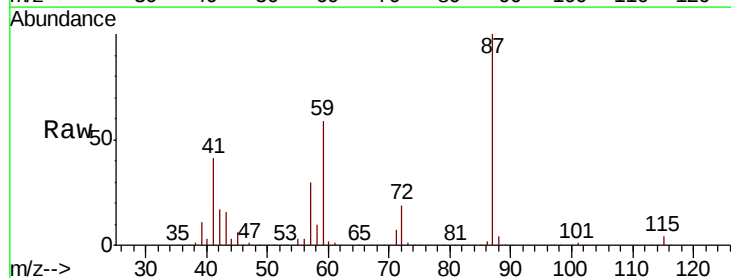
Acq: 13 Apr 2019 04:45

Tgt Ion: 75 Resp: 893

Ion Ratio Lower Upper

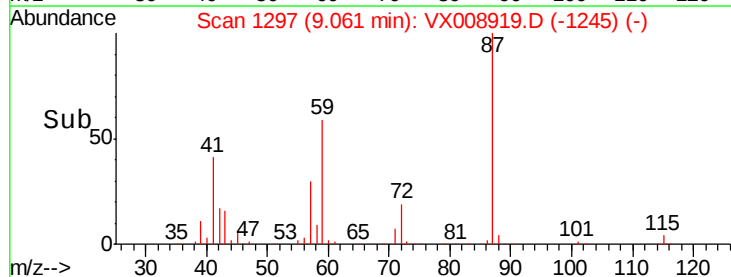
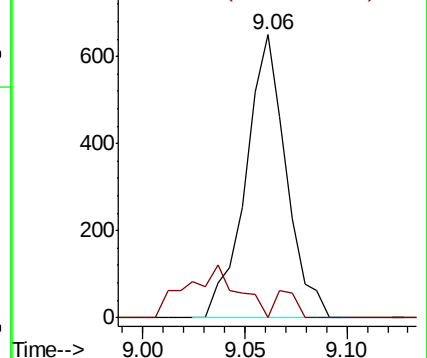
75 100

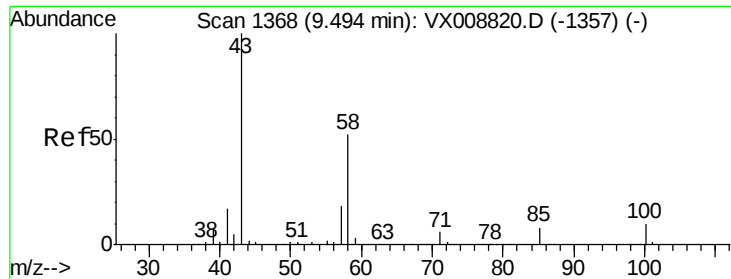
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

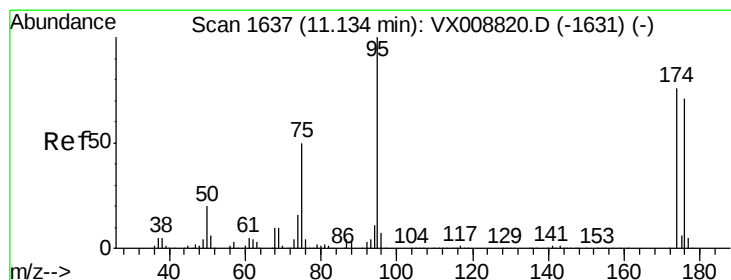
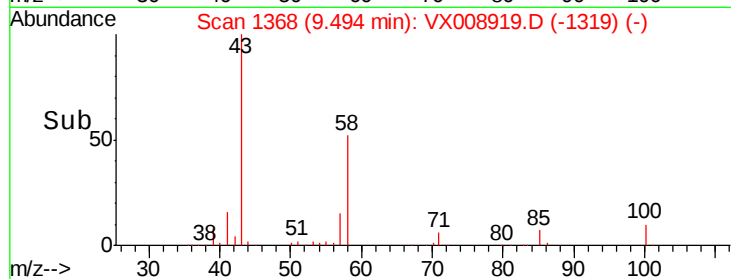
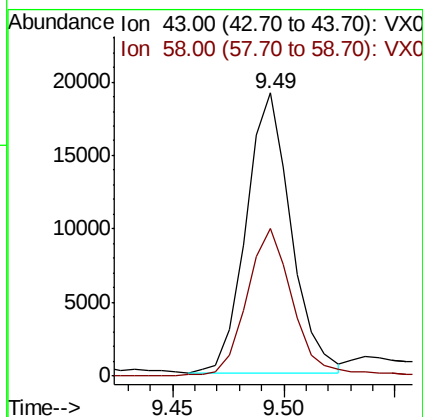
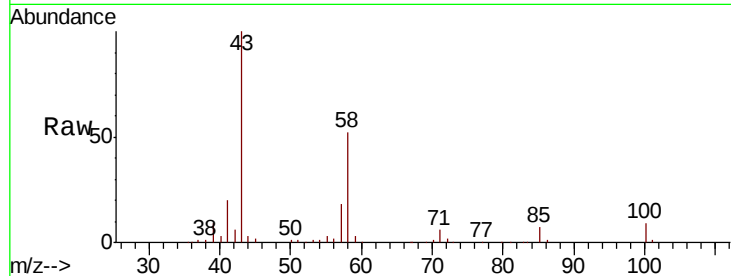




#59
2-Hexanone
Concen: 7.319 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

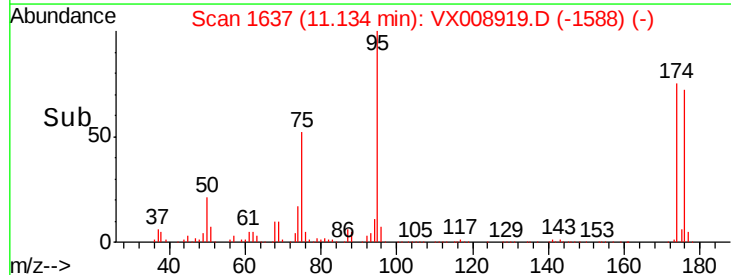
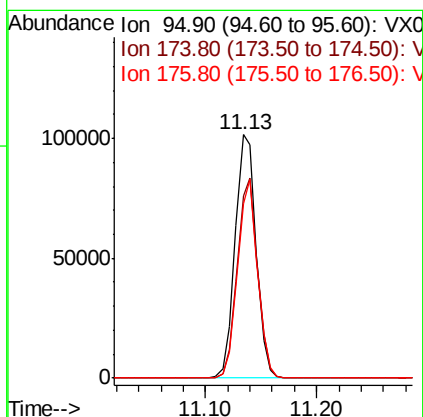
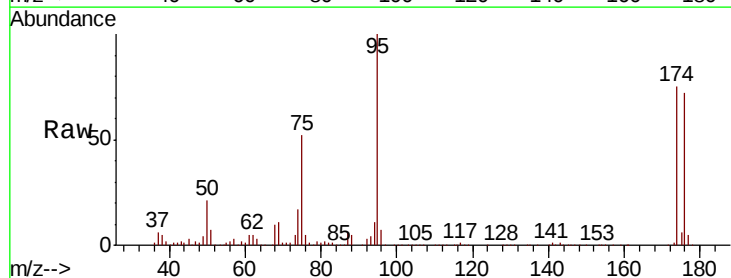
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-2

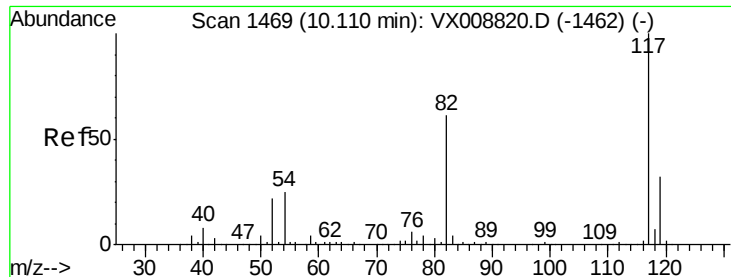
Tot Ion: 43 Resp: 26638
Ion Ratio Lower Upper
43 100
58 54.5 25.9 77.7



#62
4-Bromofluorobenzene
Concen: 46.015 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion: 95 Resp: 132231
Ion Ratio Lower Upper
95 100
174 79.8 0.0 151.8
176 77.7 0.0 145.8

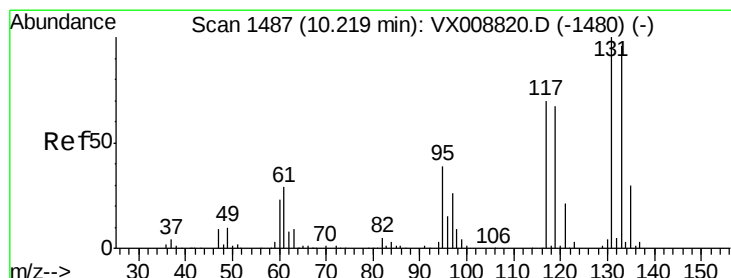
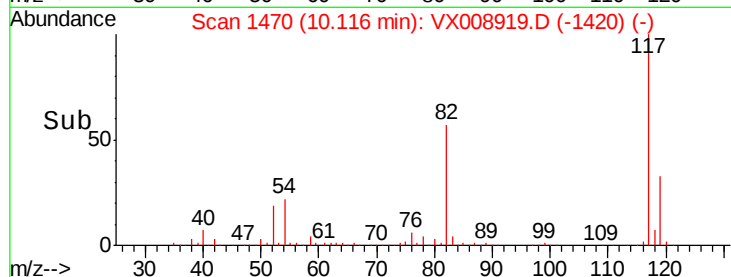
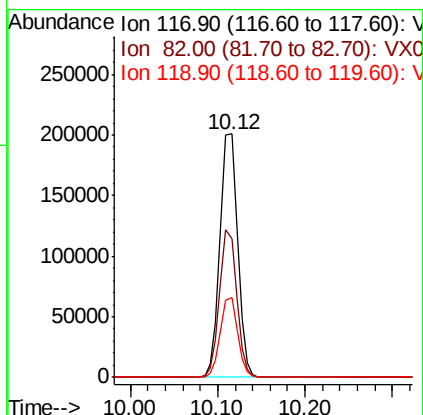
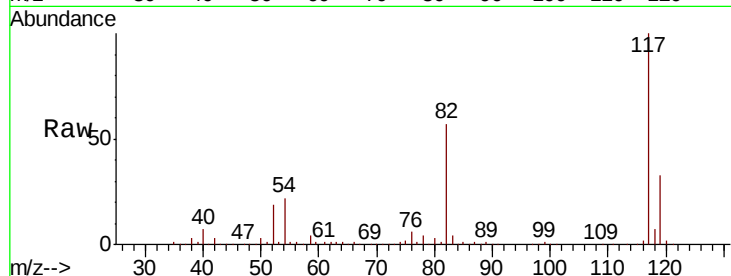




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

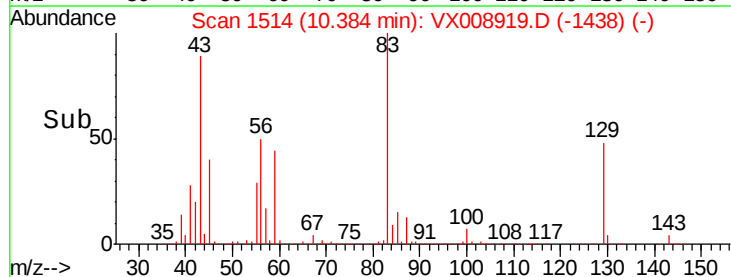
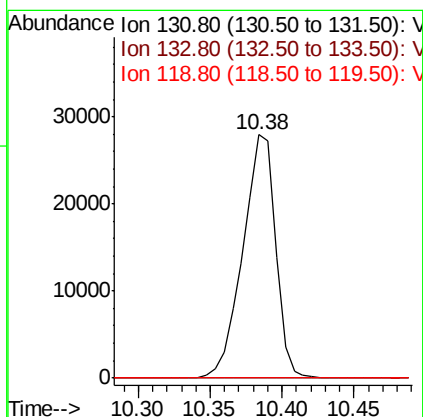
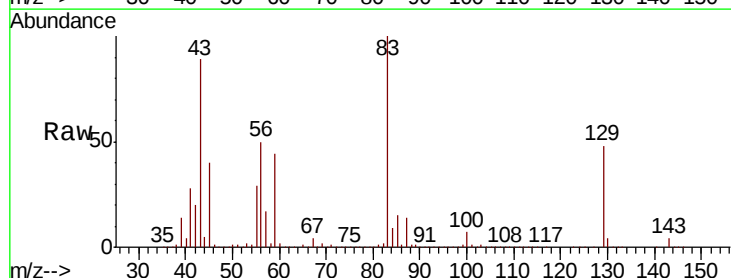
Instrument :
MSVOA_X
ClientSampleId :
OR-COMP-2

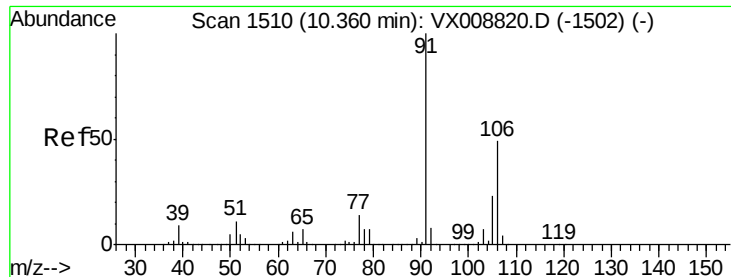
Tot Ion:117 Resp: 280986
Ion Ratio Lower Upper
117 100
82 57.0 49.6 74.4
119 32.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 20.146 ug/l
RT: 10.38 min Scan# 1514
Delta R.T. 0.16 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion:131 Resp: 44021
Ion Ratio Lower Upper
131 100
133 0.1 47.0 141.2#
119 0.0 33.7 101.0#





#68

m/p-Xylenes

Concen: 0.845 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

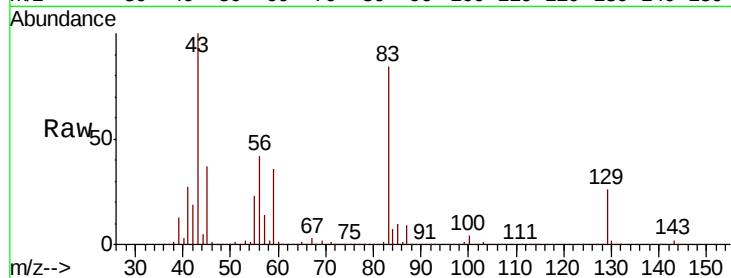
OR-COMP-2

Tot Ion:106 Resp: 3527

Ion Ratio Lower Upper

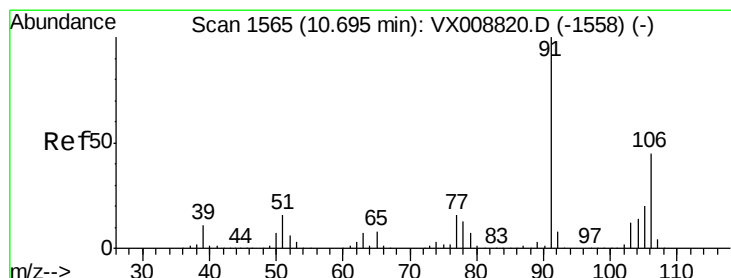
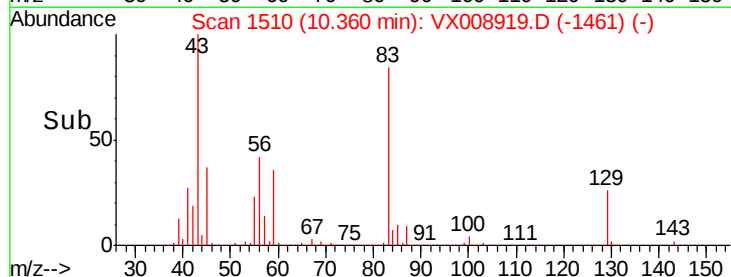
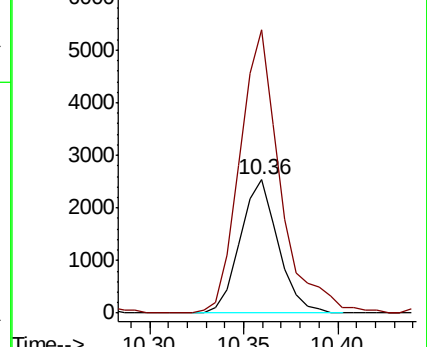
106 100

91 227.8 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.381 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX008919.D

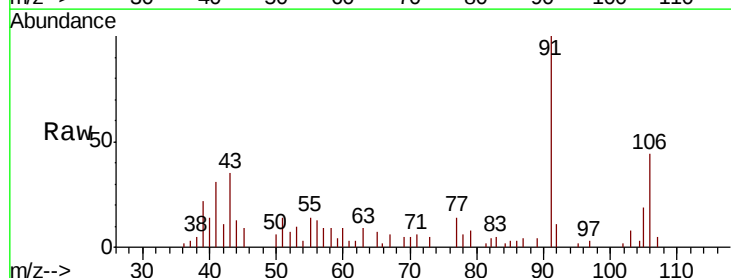
Acq: 13 Apr 2019 04:45

Tgt Ion:106 Resp: 1542

Ion Ratio Lower Upper

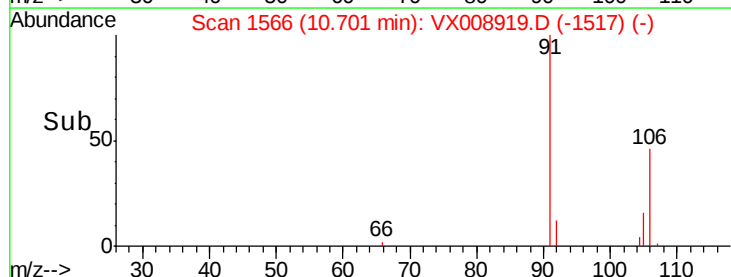
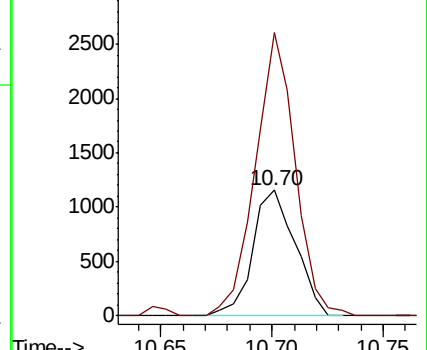
106 100

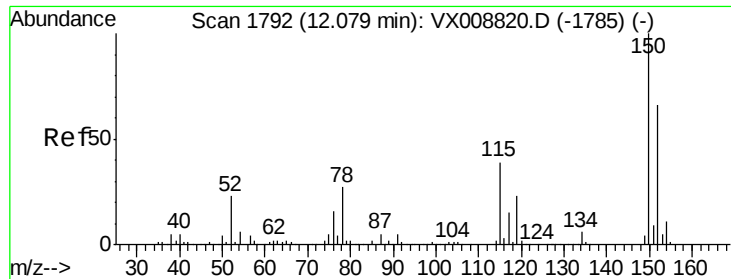
91 211.1 111.5 334.4



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: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

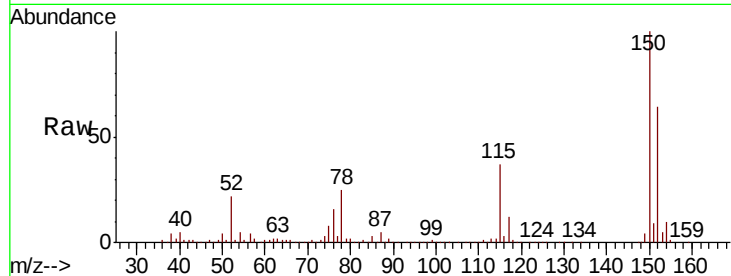
Tot Ion:152 Resp: 118920

Ion Ratio Lower Upper

152 100

115 60.0 43.5 130.5

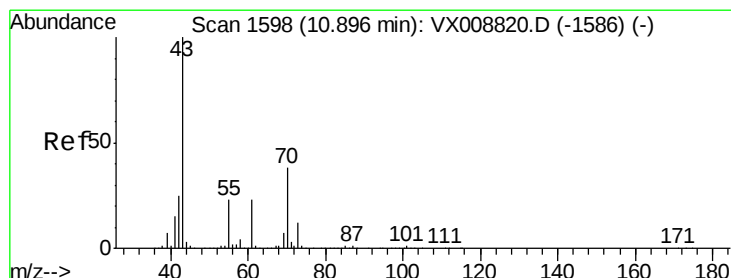
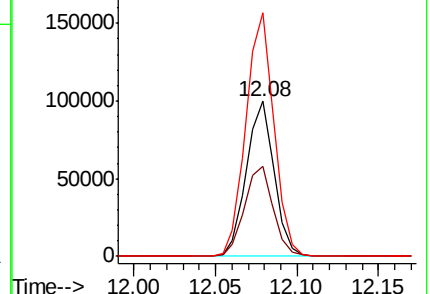
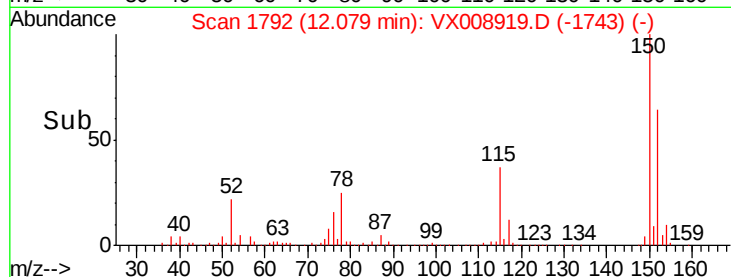
150 158.5 0.0 348.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#74

N-ethyl acetate

Concen: 1.123 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.01 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Tgt Ion: 43 Resp: 6514

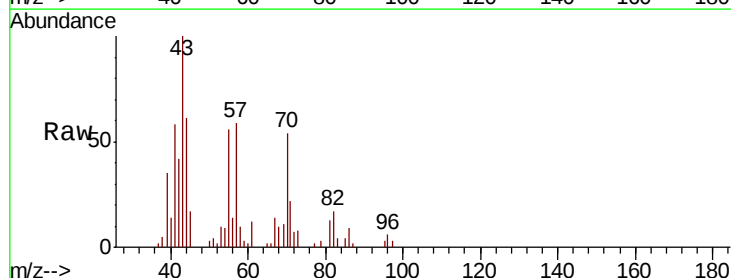
Ion Ratio Lower Upper

43 100

70 63.9 30.2 45.4#

55 66.2 18.2 27.4#

61 7.5 18.6 28.0#

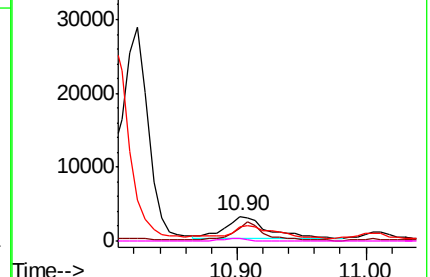
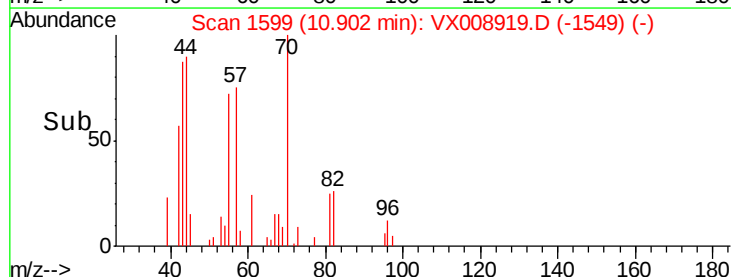


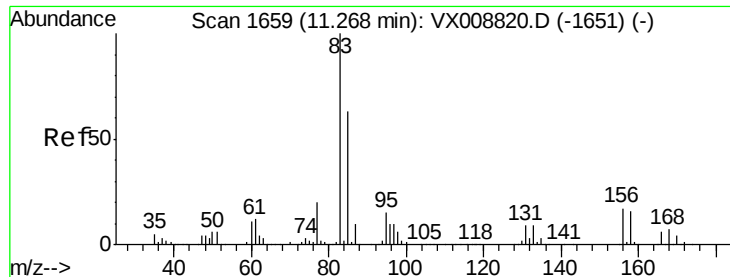
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 85.573 ug/l

RT: 11.21 min Scan# 1649

Delta R.T. -0.06 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

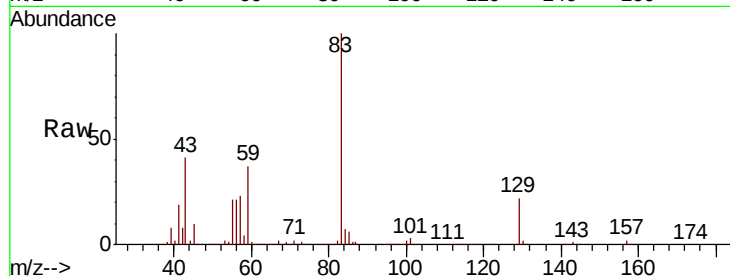
Tot Ion: 83 Resp: 320738

Ion Ratio Lower Upper

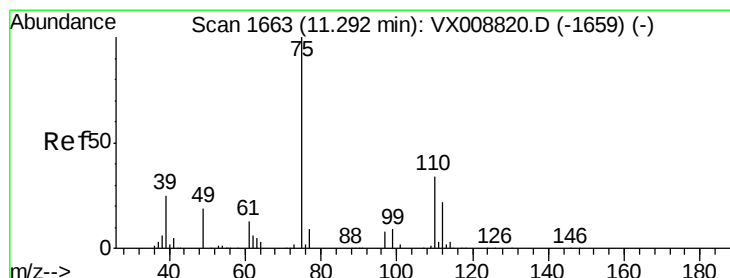
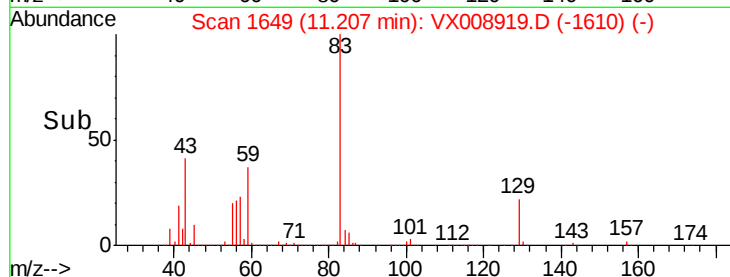
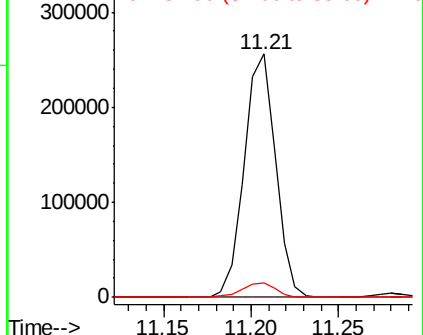
83 100

131 0.2 4.5 13.7#

85 6.4 32.0 96.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 20.463 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008919.D

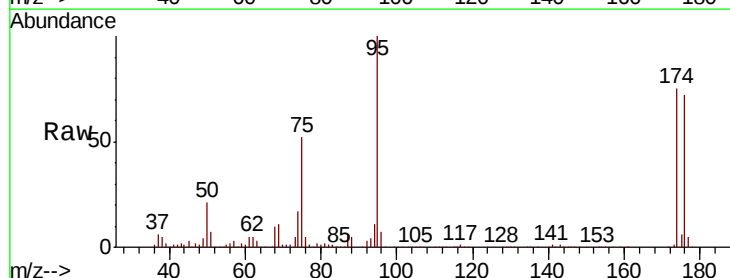
Acq: 13 Apr 2019 04:45

Tgt Ion: 75 Resp: 66850

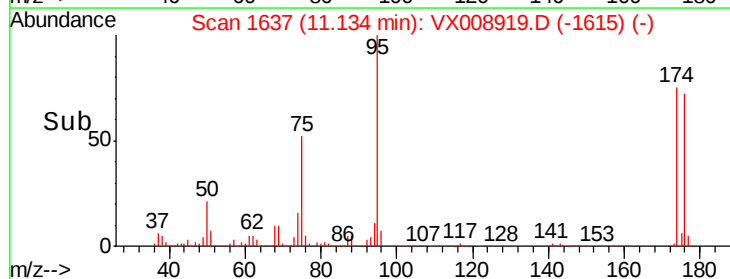
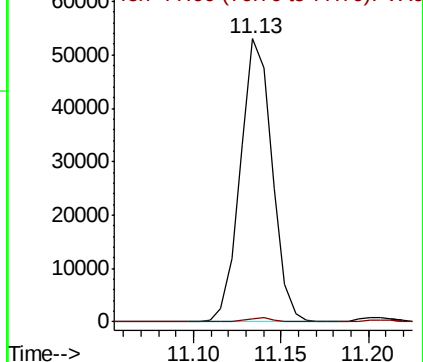
Ion Ratio Lower Upper

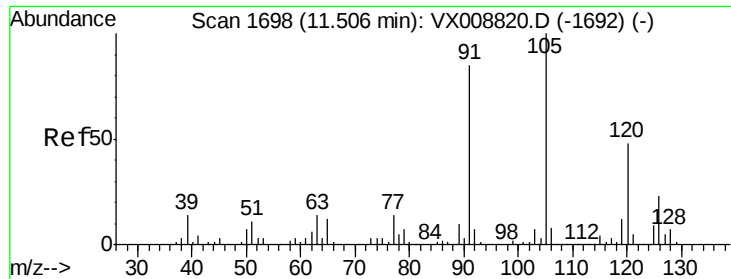
75 100

77 1.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0

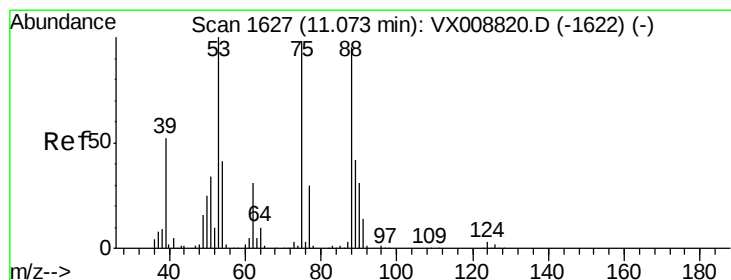
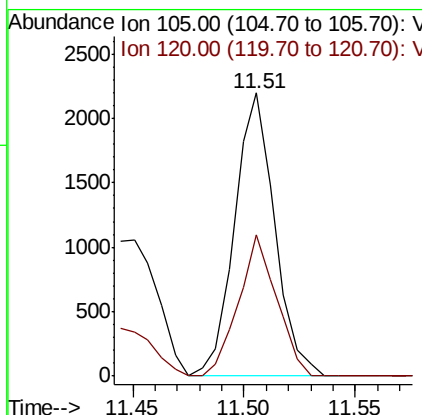
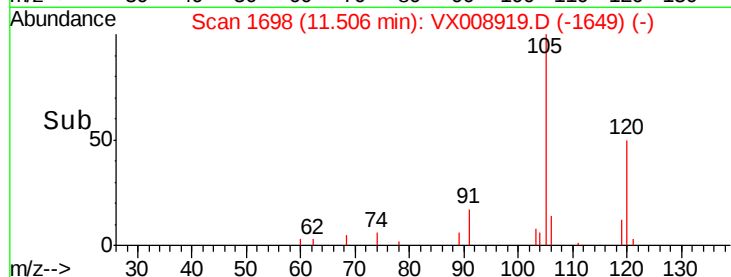
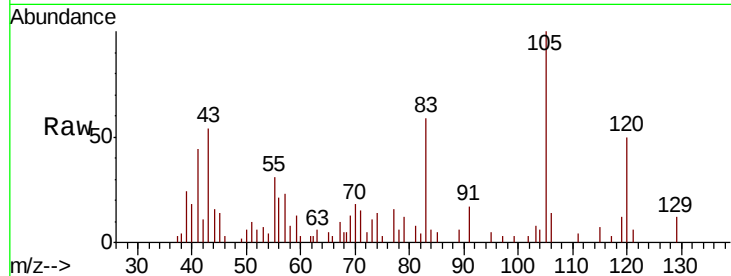




#80
 1,3,5-Trimethylbenzene
 Concen: 0.332 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX008919.D
 Acq: 13 Apr 2019 04:45

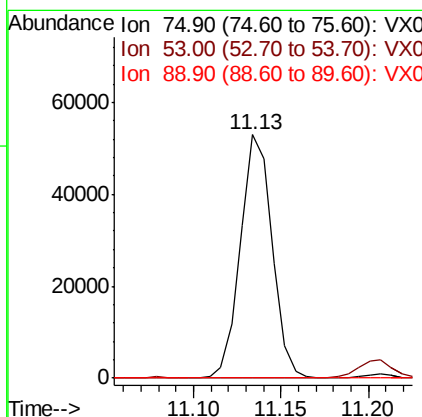
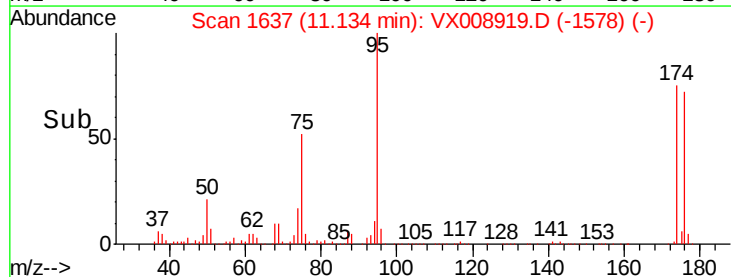
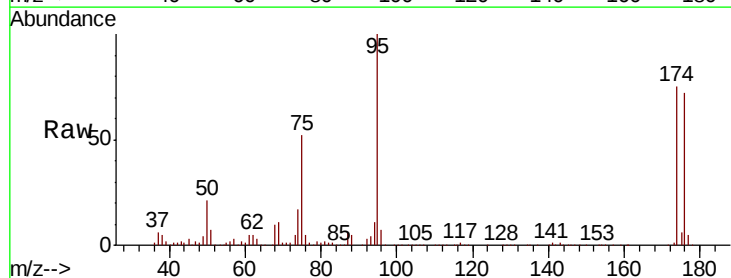
Instrument :
 MSVOA_X
 ClientSampled :
 OR-COMP-2

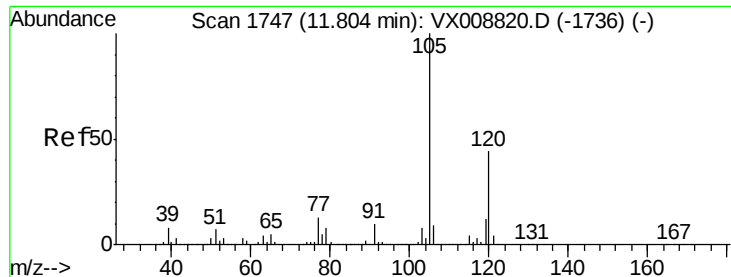
Tot Ion:105 Resp: 2748
 Ion Ratio Lower Upper
 105 100
 120 47.6 23.5 70.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.408 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX008919.D
 Acq: 13 Apr 2019 04:45

Tgt Ion: 75 Resp: 66850
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.3 121.9#
 89 0.0 35.6 53.4#

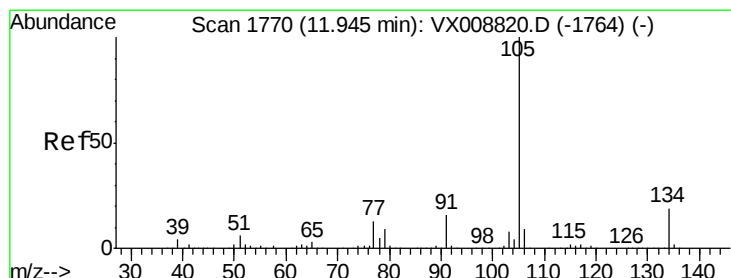
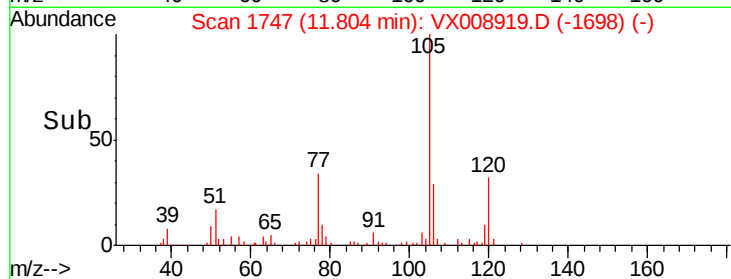
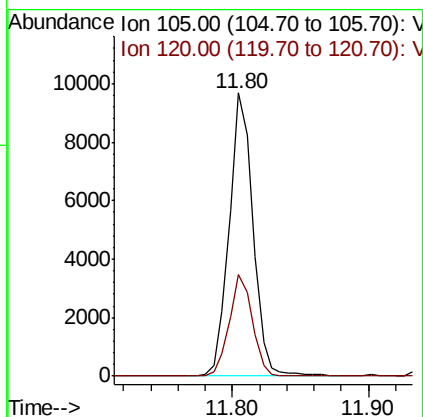
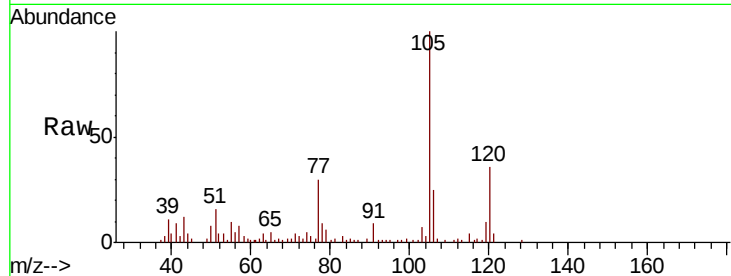




#84
 1,2,4-Trimethylbenzene
 Concen: 1.409 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX008919.D
 Acq: 13 Apr 2019 04:45

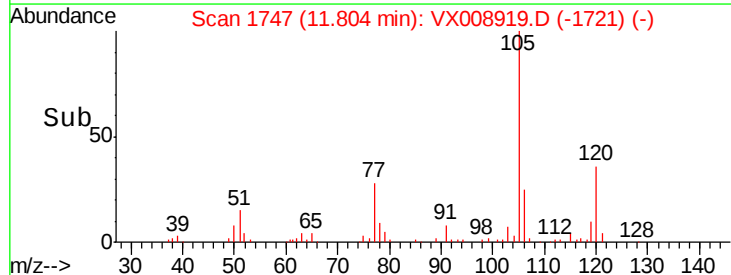
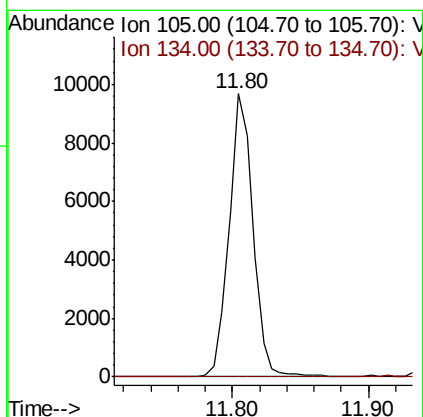
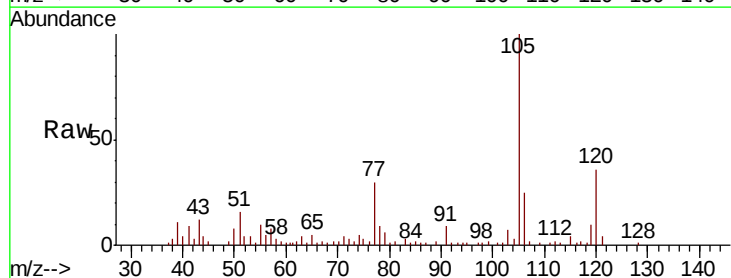
Instrument :
 MSVOA_X
 ClientSampled :
 OR-COMP-2

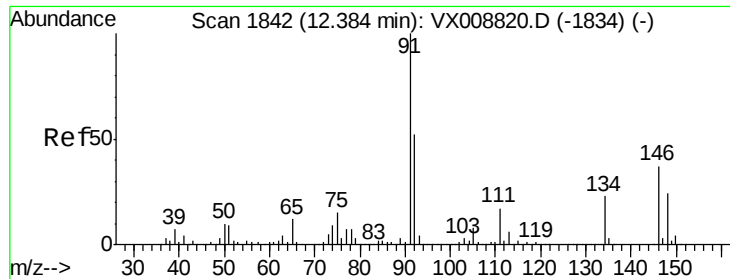
Tot Ion:105 Resp: 11801
 Ion Ratio Lower Upper
 105 100
 120 34.4 21.8 65.3



#85
 sec-Butylbenzene
 Concen: 1.248 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX008919.D
 Acq: 13 Apr 2019 04:45

Tgt Ion:105 Resp: 11801
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.4 28.2#

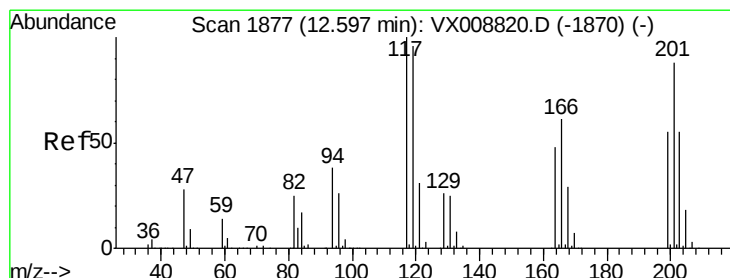
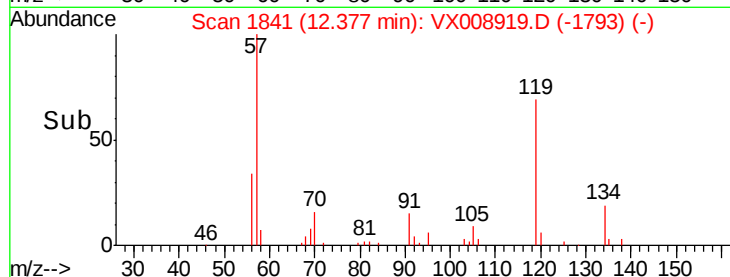
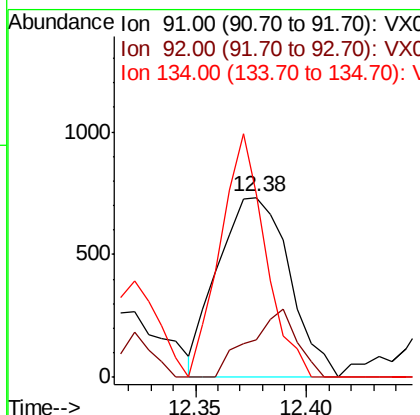
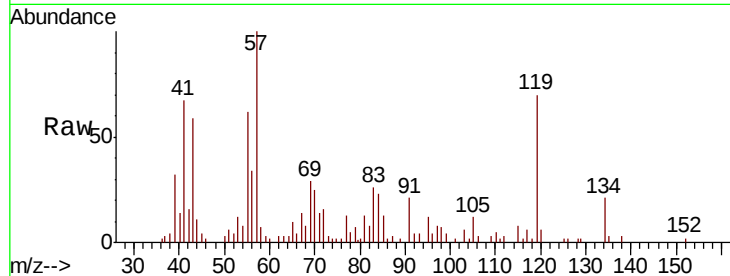




#89
n-Butylbenzene
Concen: 0.206 ug/l
RT: 12.38 min Scan# 1841
Delta R.T. -0.01 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

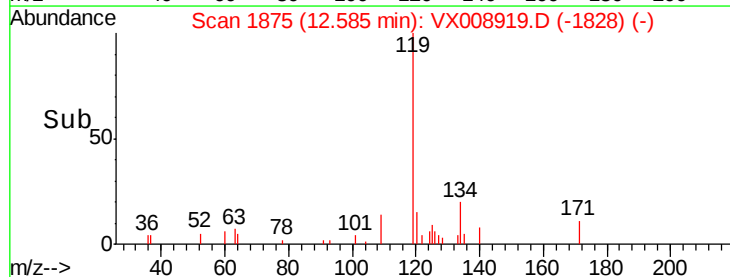
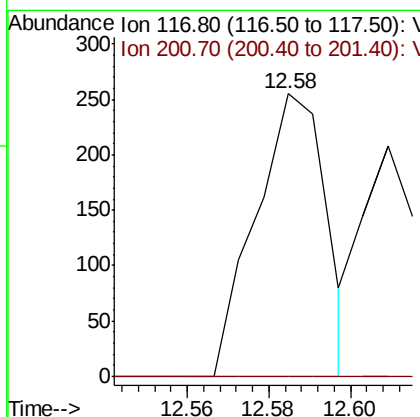
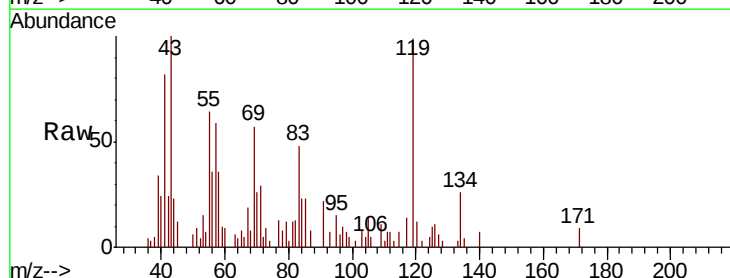
Instrument :
MSVOA_X
ClientSampled :
OR-COMP-2

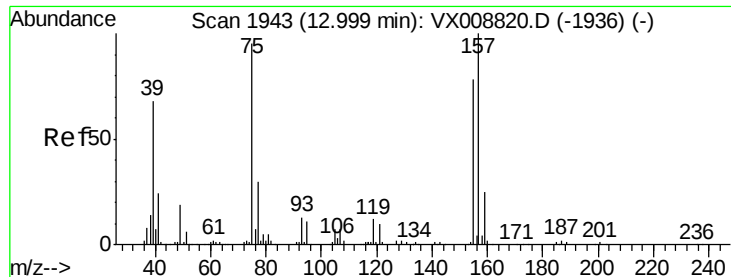
Tot Ion: 91 Resp: 1640
Ion Ratio Lower Upper
91 100
92 25.1 26.4 79.2#
134 85.2 12.0 36.0#



#90
Hexachloroethane
Concen: 0.218 ug/l
RT: 12.58 min Scan# 1875
Delta R.T. -0.01 min
Lab File: VX008919.D
Acq: 13 Apr 2019 04:45

Tgt Ion: 117 Resp: 307
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.325 ug/l

RT: 13.01 min Scan# 1945

Delta R.T. 0.01 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

Instrument :

MSVOA_X

ClientSampleId :

OR-COMP-2

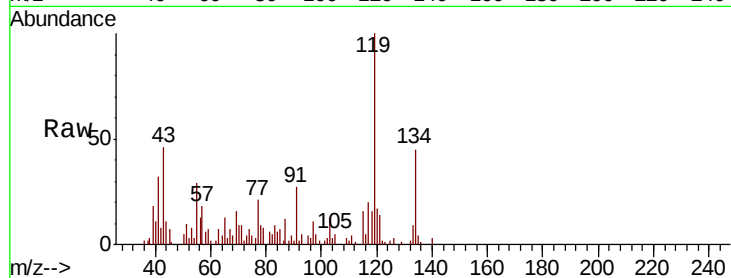
Tot Ion: 75 Resp: 268

Ion Ratio Lower Upper

75 100

155 0.0 39.9 119.6#

157 0.0 51.5 154.7#

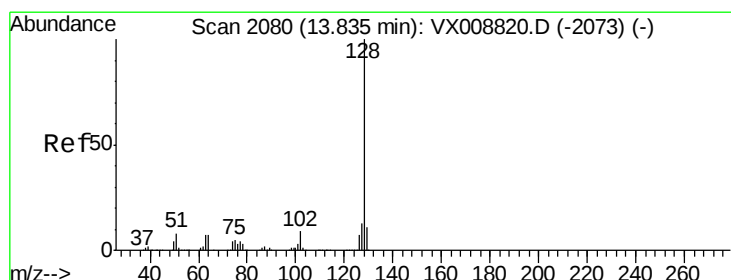
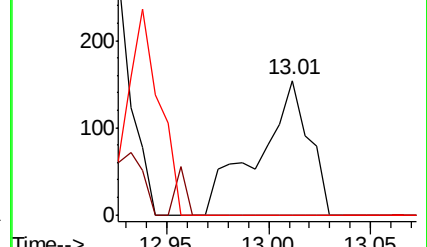
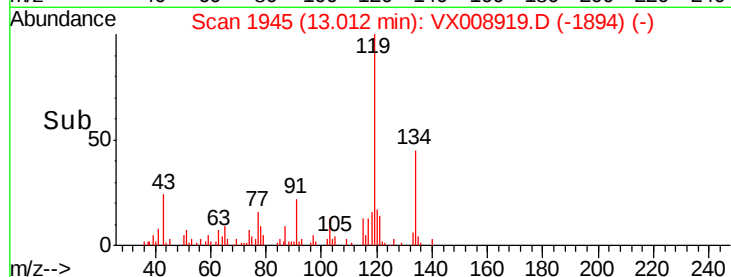


Abundance Ion 74.90 (74.60 to 75.60): VX008820.D (-1936) (-)

Ion 154.80 (154.50 to 155.50): VX008820.D (-1936) (-)

Ion 156.80 (156.50 to 157.50): VX008820.D (-1936) (-)

Time-->



#95

Naphthalene

Concen: 4.386 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008919.D

Acq: 13 Apr 2019 04:45

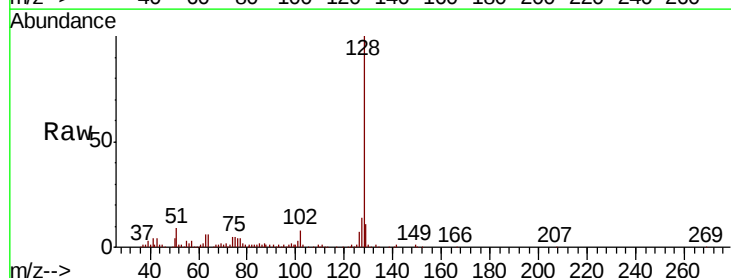
Tgt Ion: 128 Resp: 42922

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): VX008820.D (-2073) (-)

Ion 127.00 (126.70 to 127.70): VX008820.D (-2073) (-)

Ion 129.00 (128.70 to 129.70): VX008820.D (-2073) (-)

Time-->

