

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007947.D
 Acq On : 08 Mar 2019 22:41
 Operator : JC/SP
 Sample : K1801-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1

Quant Time: Mar 09 03:55:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	266836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	411470	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	394218	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	199311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145303	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
35) Dibromofluoromethane	5.51	113	133679	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
50) Toluene-d8	8.71	98	507904	52.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.08%	
62) 4-Bromofluorobenzene	11.13	95	190634	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds

					Qvalue	
4) Vinyl Chloride	1.41	62	631	0.216	ug/l	95
5) Bromomethane	1.65	94	203	Below Cal	#	68
6) Chloroethane	1.64	64	2934	1.513	ug/l #	43
11) Tert butyl alcohol	3.06	59	1939	3.080	ug/l #	92
13) Acrolein	2.28	56	23	1.606	ug/l #	1
16) Acetone	2.45	43	4513	2.770	ug/l	96
17) Carbon Disulfide	2.58	76	820	Below Cal	#	79
18) Methyl Acetate	2.78	43	829	0.240	ug/l #	80
20) Methylene Chloride	2.85	84	540	0.208	ug/l #	87
25) 2-Butanone	4.71	43	508	0.220	ug/l #	50
27) cis-1,2-Dichloroethene	4.60	96	1069	0.374	ug/l	75
31) Cyclohexane	5.57	56	17745	4.103	ug/l	97
36) 1,1-Dichloropropene	5.67	75	16364	4.392	ug/l #	50
38) Carbon Tetrachloride	5.67	117	22761	6.435	ug/l #	17
39) Methylcyclohexane	7.46	83	21835	4.837	ug/l	93
40) Benzene	6.15	78	53191	4.796	ug/l	99
48) Methyl methacrylate	7.73	41	1432	0.416	ug/l #	57
55) 1,1,2-Trichloroethane	9.16	97	3401	1.241	ug/l #	18
56) Ethyl methacrylate	9.16	69	829	0.201	ug/l #	1
65) Chlorobenzene	10.14	112	1702	0.206	ug/l	99
69) o-Xylene	10.69	106	1179	0.233	ug/l	93
73) Isopropylbenzene	11.02	105	94814	7.034	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	88807	21.234	ug/l #	40
78) n-propylbenzene	11.36	91	160430	10.728	ug/l	99
79) 2-Chlorotoluene	11.36	91	160430	17.546	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.66	105	11694	1.054	ug/l	71
81) trans-1,4-Dichloro-2-buten	11.13	75	88807	67.873	ug/l #	12
82) 4-Chlorotoluene	11.36	91	160430	15.311	ug/l #	43
83) tert-Butylbenzene	11.77	119	5040	0.451	ug/l	85
84) 1,2,4-Trimethylbenzene	11.80	105	22442	1.973	ug/l	98
85) sec-Butylbenzene	11.94	105	68635	5.215	ug/l	90
86) p-Isopropyltoluene	12.23	119	18977	1.610	ug/l	96
89) n-Butylbenzene	12.38	91	41079	4.113	ug/l #	73
90) Hexachloroethane	12.66	117	21023	10.667	ug/l #	1

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QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration

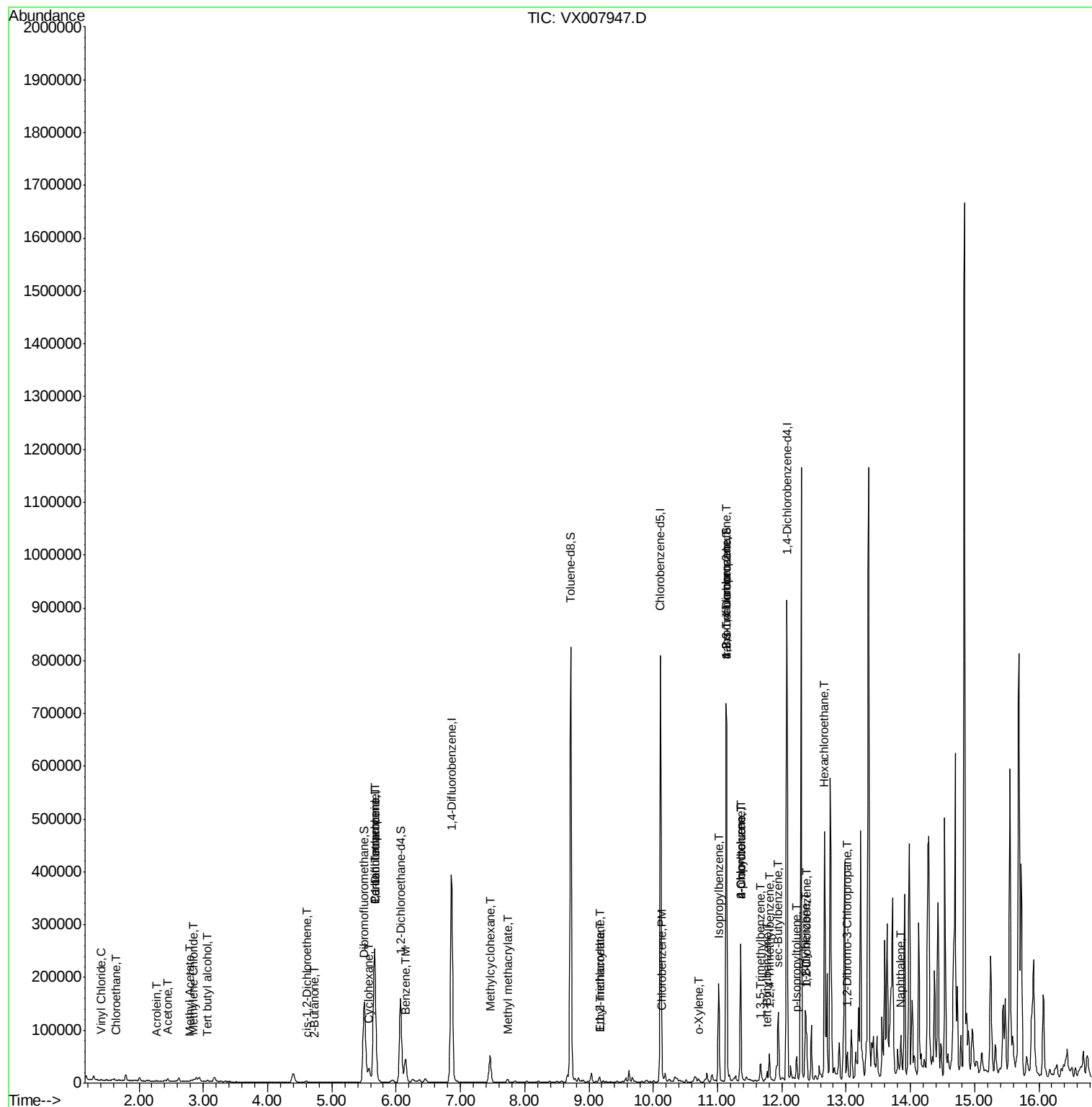
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	12.39	146	2396	0.369	ug/l	88
92) 1,2-Dibromo-3-Chloropropan	13.02	75	202	0.208	ug/l #	1
95) Naphthalene	13.83	128	10483	0.797	ug/l #	87

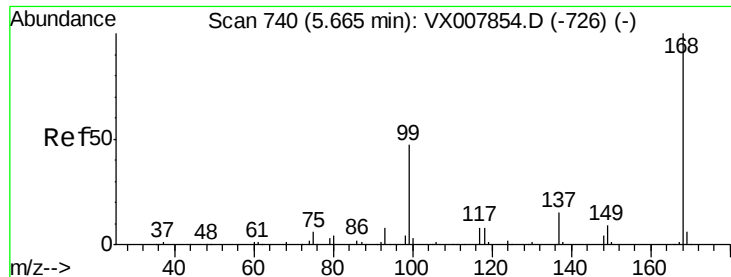
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

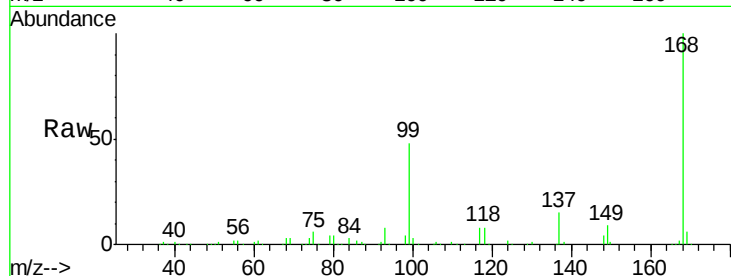
RW-1

Tot Ion:168 Resp: 266836

Ion Ratio Lower Upper

168 100

99 48.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

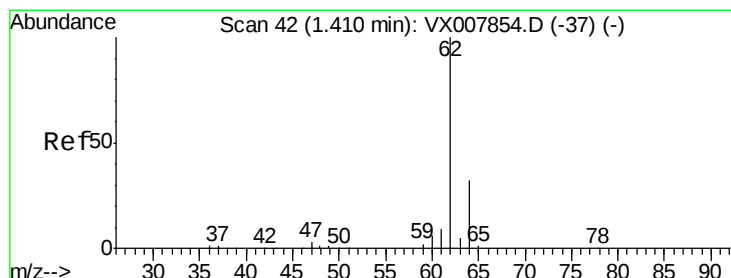
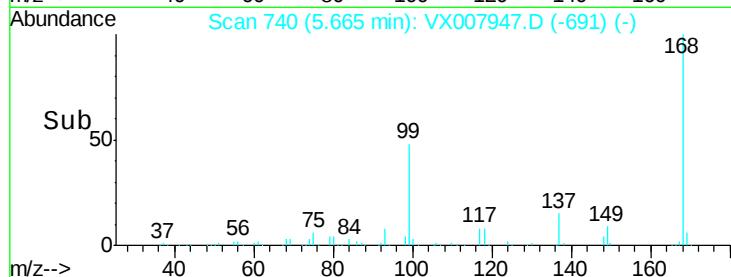
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#4

Vinyl Chloride

Concen: 0.216 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007947.D

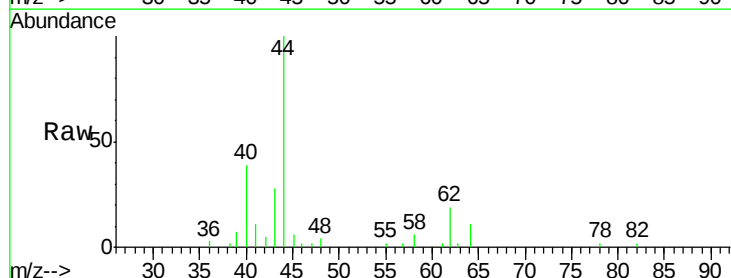
Acq: 08 Mar 2019 22:41

Tgt Ion: 62 Resp: 631

Ion Ratio Lower Upper

62 100

64 34.5 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

600

500

400

300

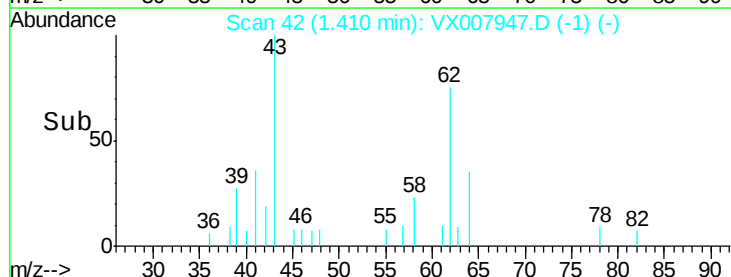
200

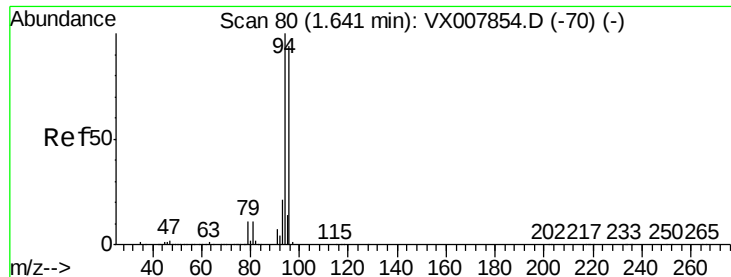
100

0

Time-->

1.40 1.45





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

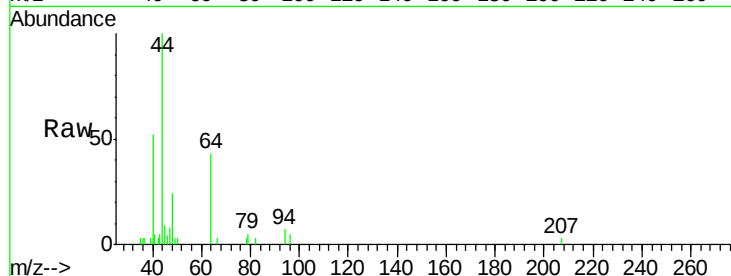
RW-1

Tot Ion: 94 Resp: 203

Ion Ratio Lower Upper

94 100

96 63.8 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

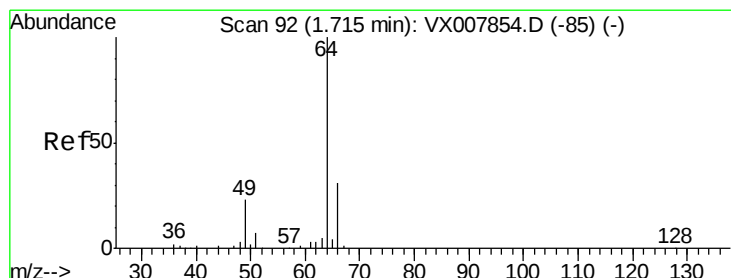
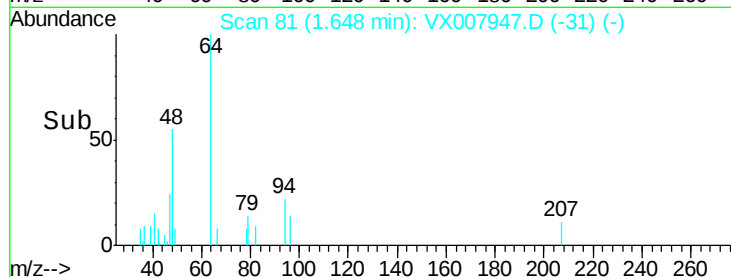
1.65

100

50

0

Time-->



#6

Chloroethane

Concen: 1.513 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.07 min

Lab File: VX007947.D

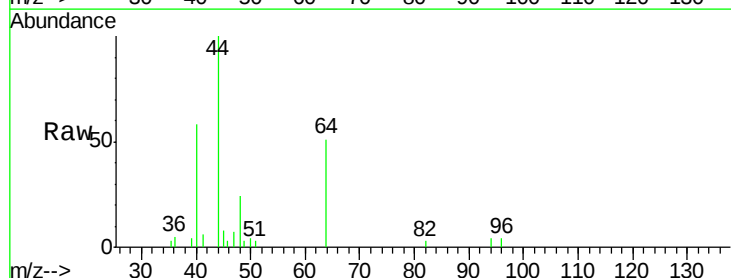
Acq: 08 Mar 2019 22:41

Tgt Ion: 64 Resp: 2934

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1200

1000

800

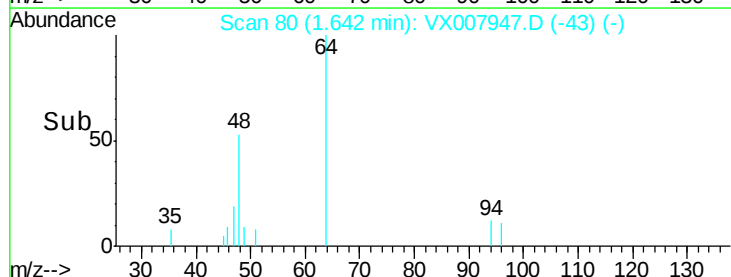
600

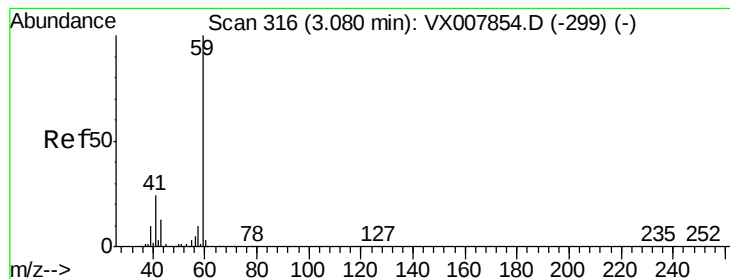
400

200

0

Time-->



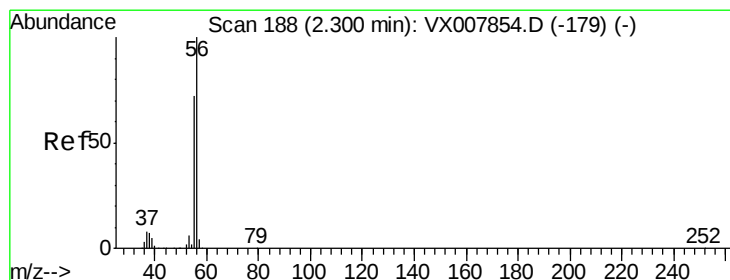
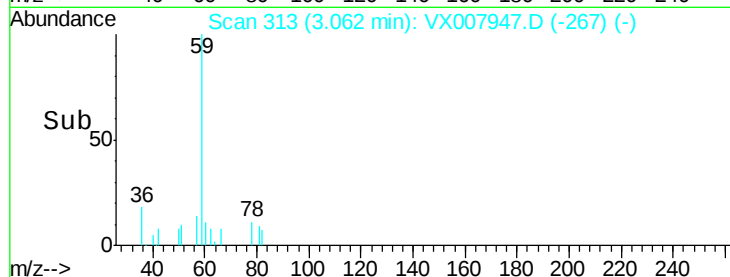
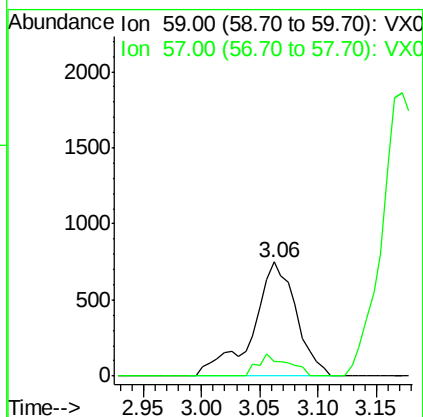
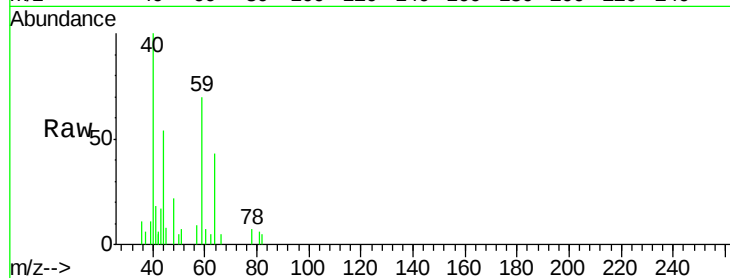


#11

Tert butyl alcohol
 Concen: 3.080 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1

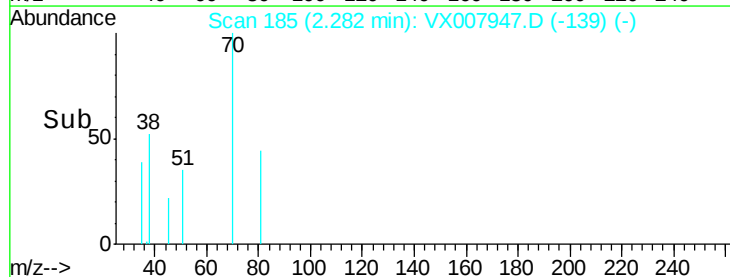
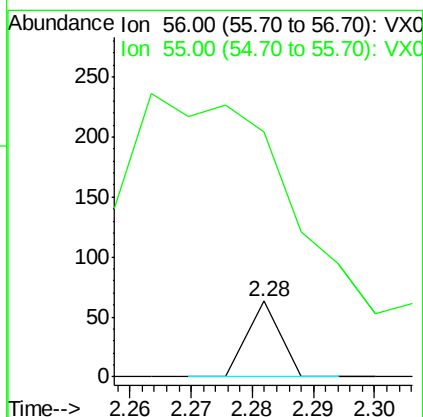
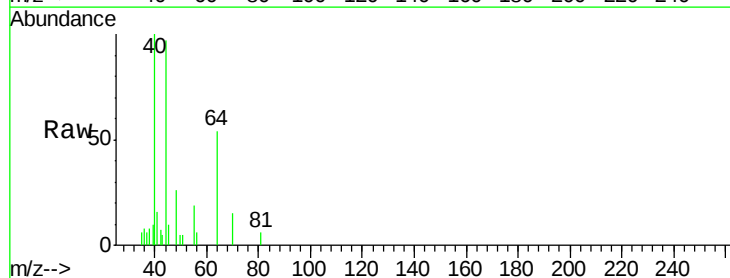
Tot Ion: 59 Resp: 1939
 Ion Ratio Lower Upper
 59 100
 57 13.4 8.2 12.2#

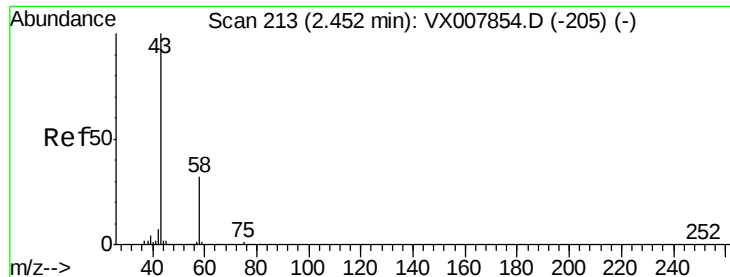


#13

Acrolein
 Concen: 1.606 ug/l
 RT: 2.28 min Scan# 185
 Delta R.T. -0.02 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Tgt Ion: 56 Resp: 23
 Ion Ratio Lower Upper
 56 100
 55 2356.5 57.8 86.6#





#16

Acetone

Concen: 2.770 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

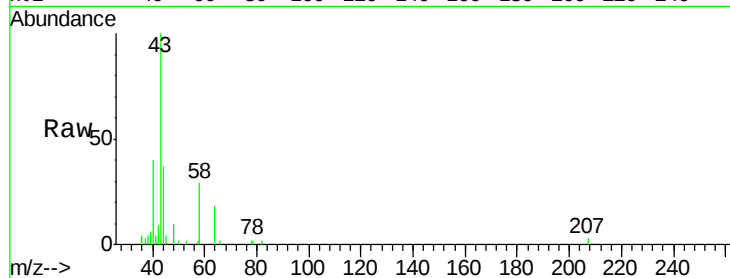
RW-1

Tot Ion: 43 Resp: 4513

Ion Ratio Lower Upper

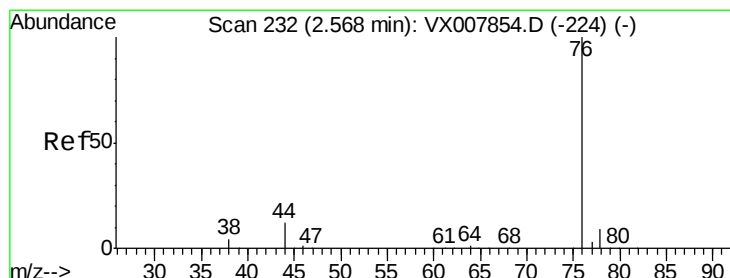
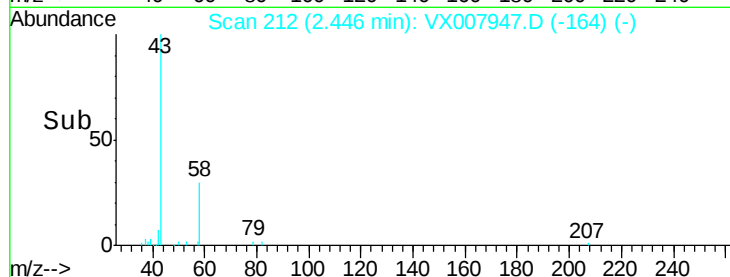
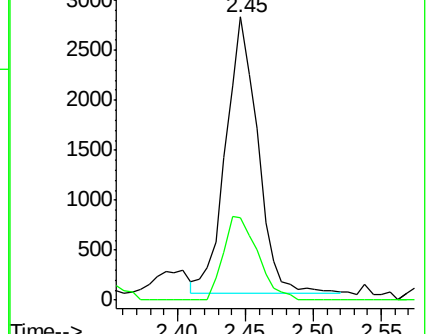
43 100

58 29.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX007947.D

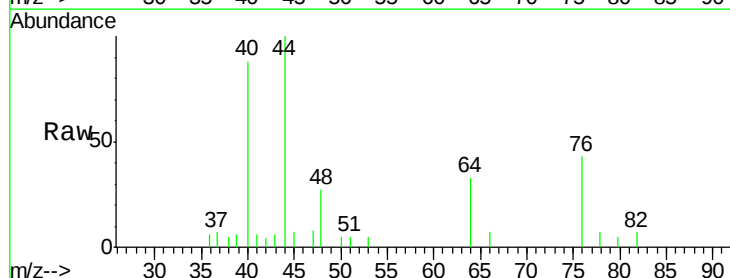
Acq: 08 Mar 2019 22:41

Tgt Ion: 76 Resp: 820

Ion Ratio Lower Upper

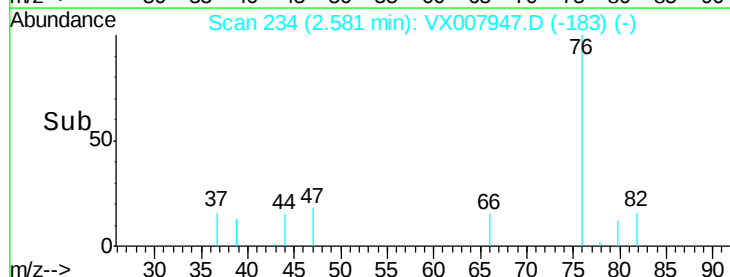
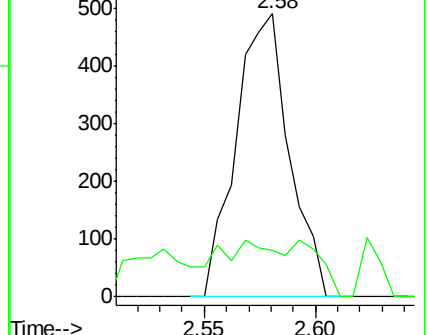
76 100

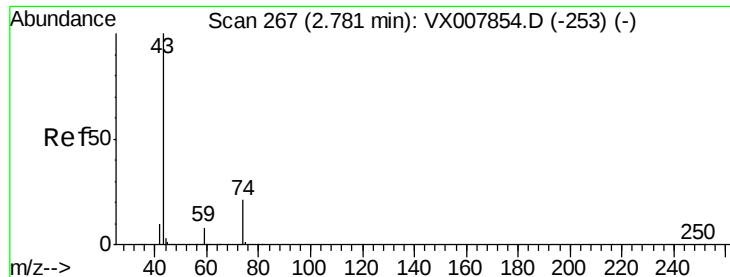
78 16.5 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

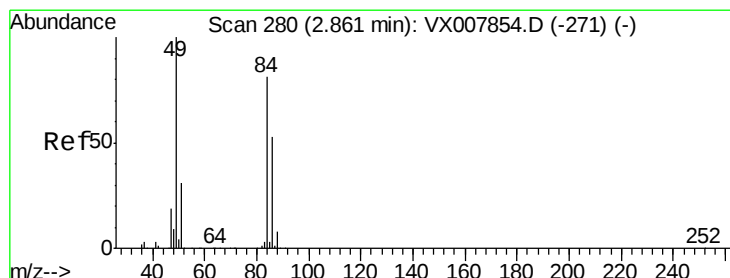
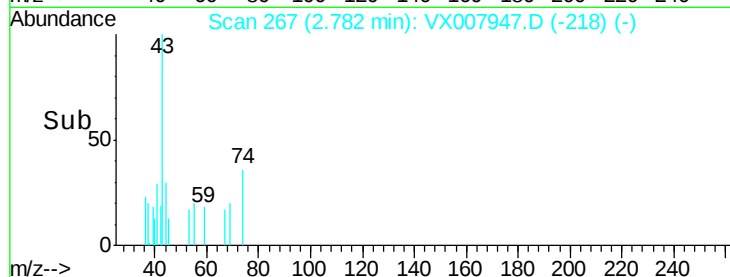
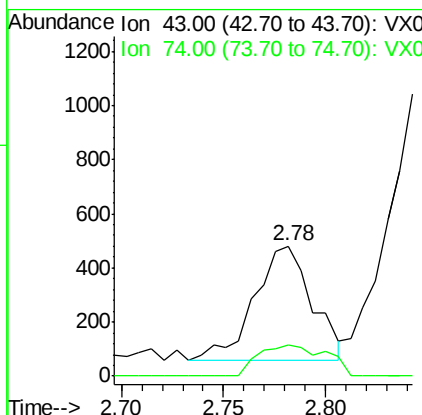
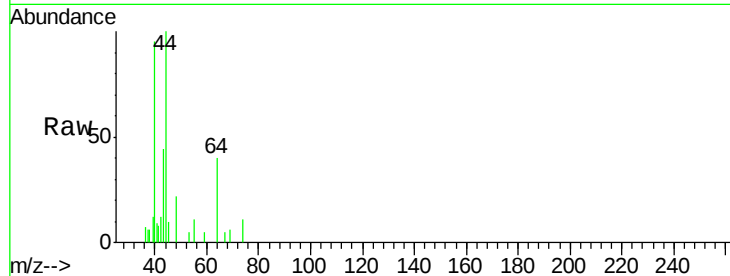




#18
Methyl Acetate
Concen: 0.240 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

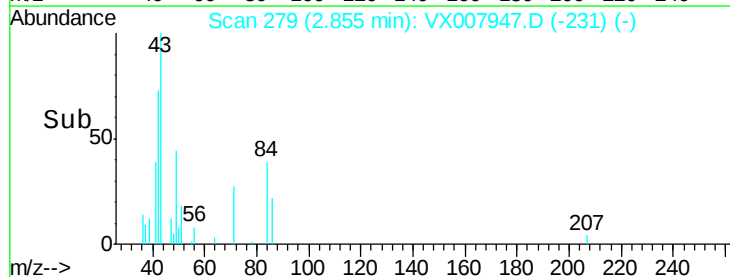
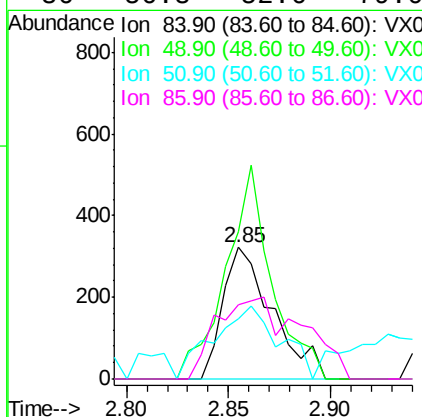
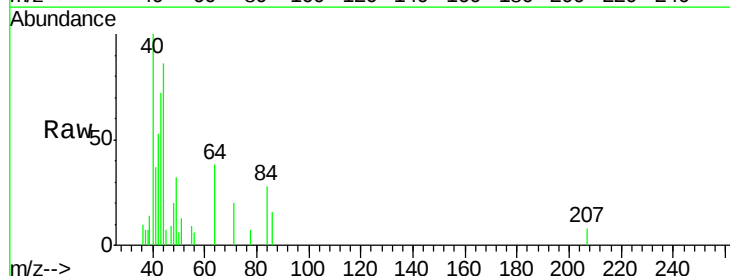
Instrument :
MSVOA_X
ClientSampled :
RW-1

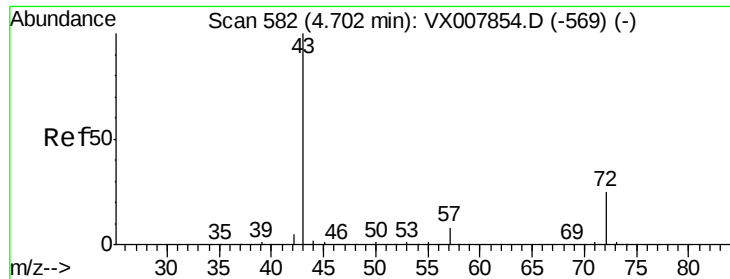
Tot Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
74 32.0 17.8 26.6#



#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion: 84 Resp: 540
Ion Ratio Lower Upper
84 100
49 111.8 99.3 148.9
51 26.4 31.3 46.9#
86 56.8 52.6 79.0





#25

2-Butanone

Concen: 0.220 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampled :

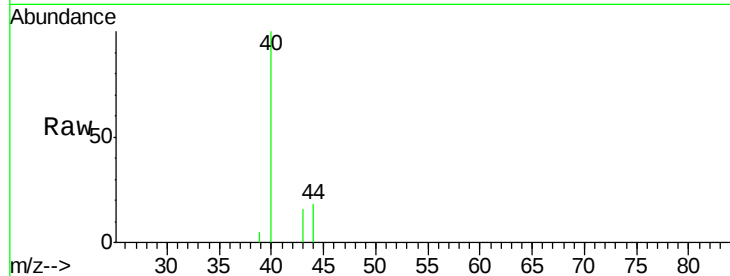
RW-1

Tot Ion: 43 Resp: 508

Ion Ratio Lower Upper

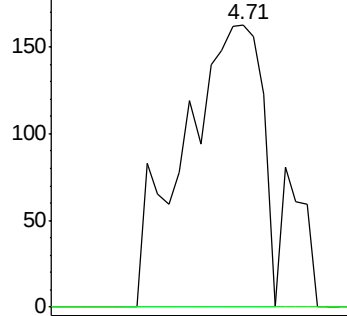
43 100

72 0.0 19.9 29.9#

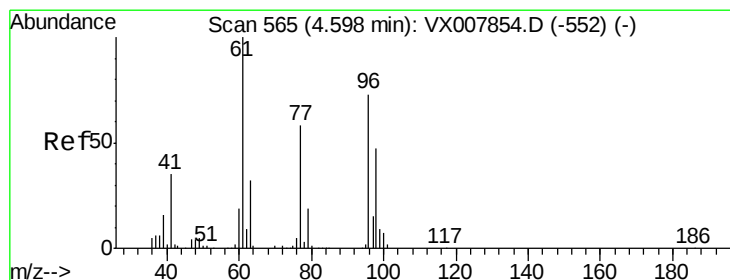
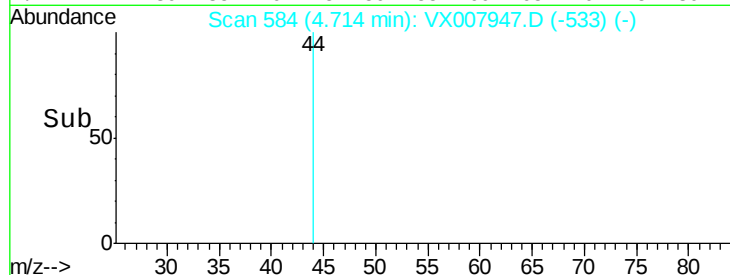


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



Time-->



#27

cis-1,2-Dichloroethene

Concen: 0.374 ug/l

RT: 4.60 min Scan# 566

Delta R.T. 0.01 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

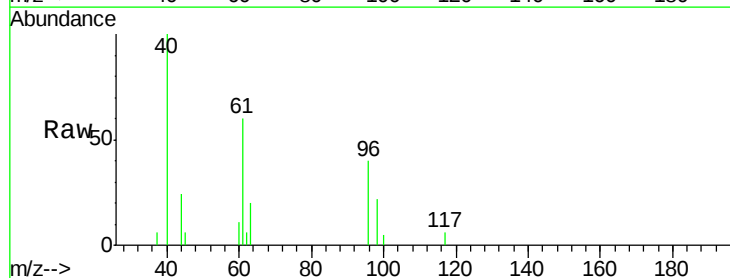
Tgt Ion: 96 Resp: 1069

Ion Ratio Lower Upper

96 100

61 185.6 0.0 288.0

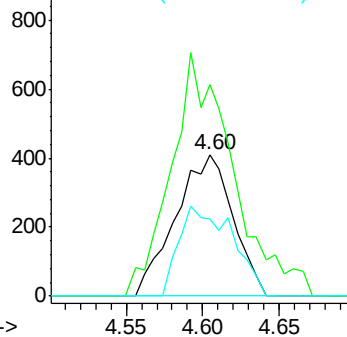
98 59.1 0.0 129.0



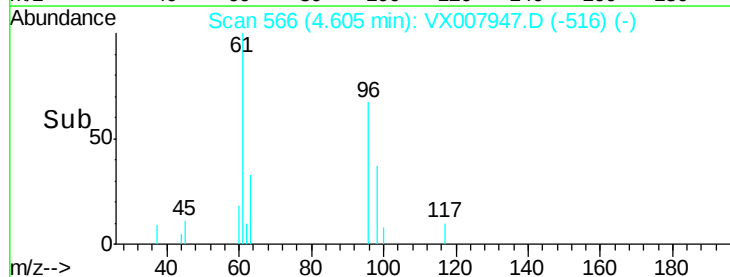
Abundance Ion 95.90 (95.60 to 96.60): VX0

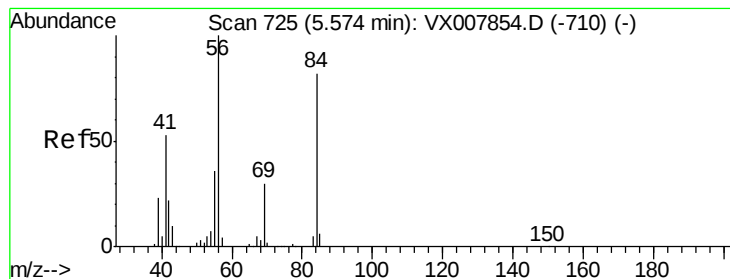
Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



Time-->





#31

Cyclohexane

Concen: 4.103 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

RW-1

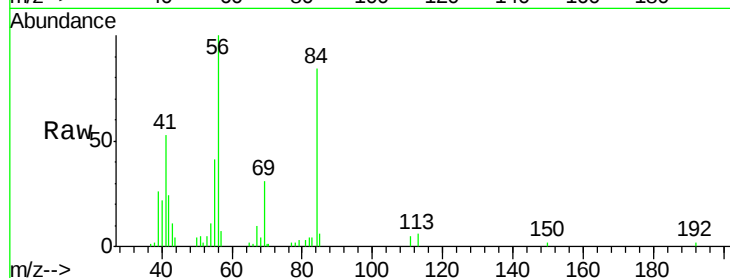
Tot Ion: 56 Resp: 17745

Ion Ratio Lower Upper

56 100

69 31.0 24.0 36.0

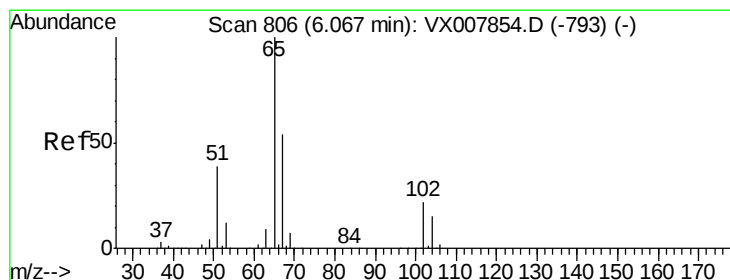
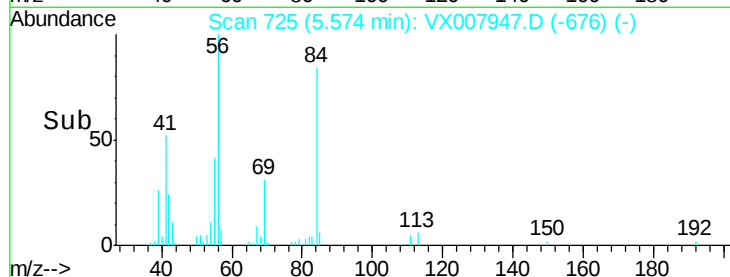
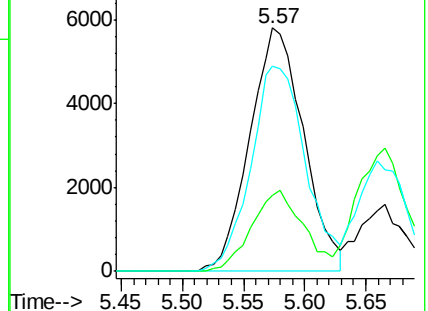
84 84.4 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.620 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007947.D

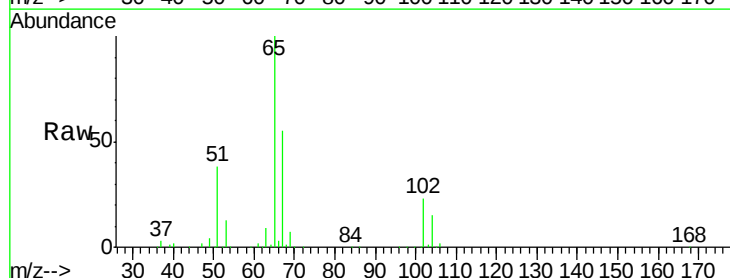
Acq: 08 Mar 2019 22:41

Tgt Ion: 65 Resp: 145303

Ion Ratio Lower Upper

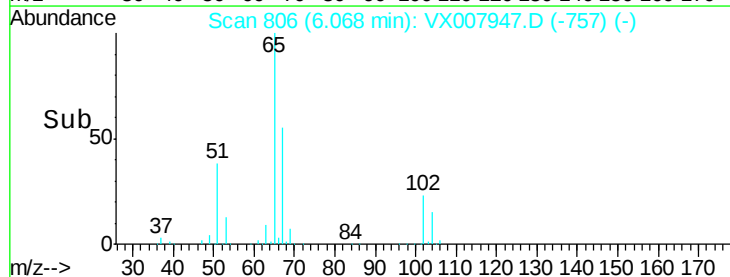
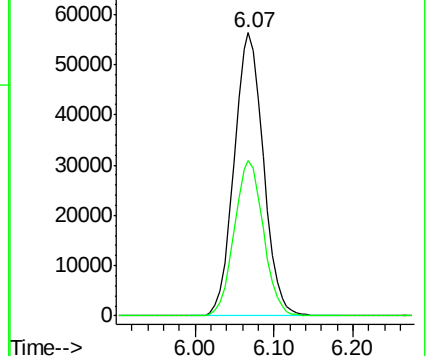
65 100

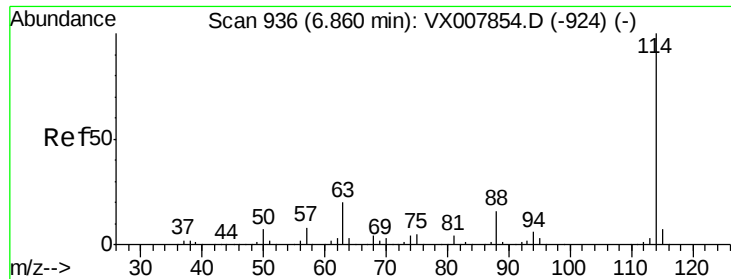
67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

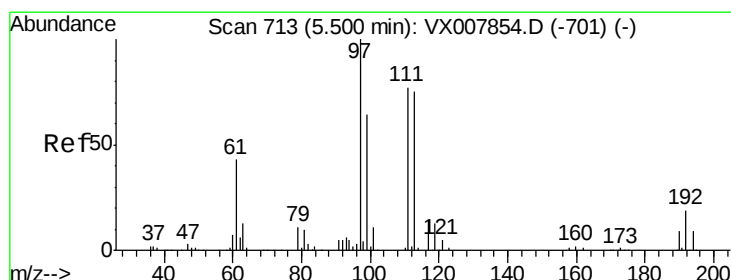
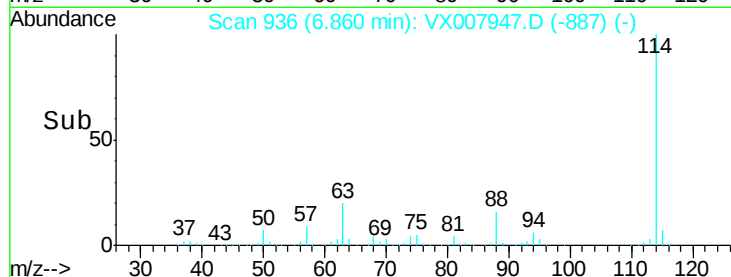
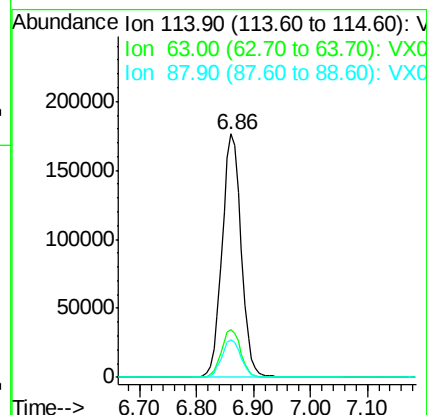
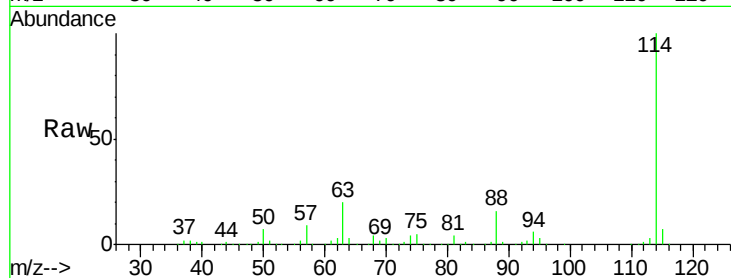




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

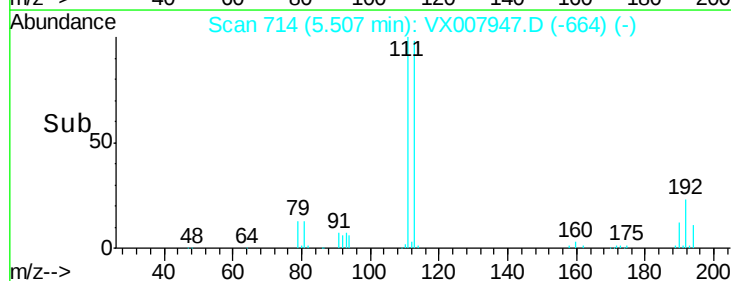
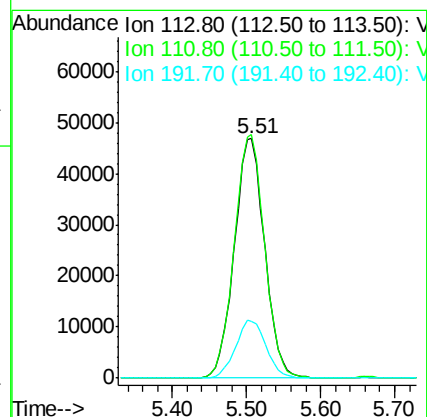
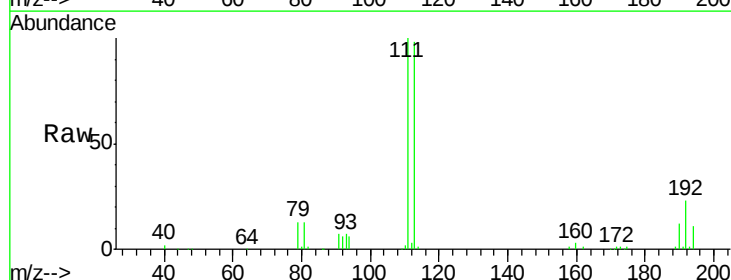
Instrument :
MSVOA_X
ClientSampleId :
RW-1

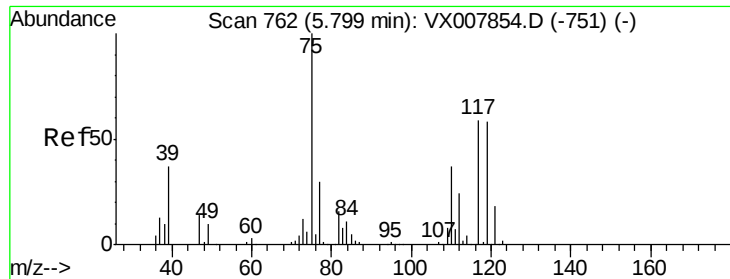
Tot Ion:114 Resp: 411470
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.8
88 15.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.789 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion:113 Resp: 133679
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.0
192 24.2 19.4 29.0

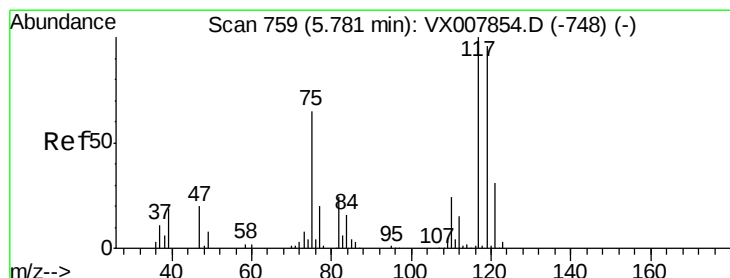
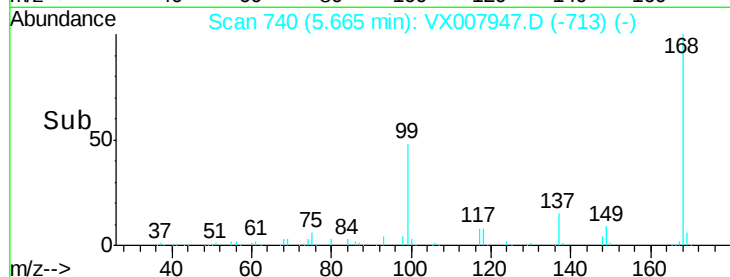
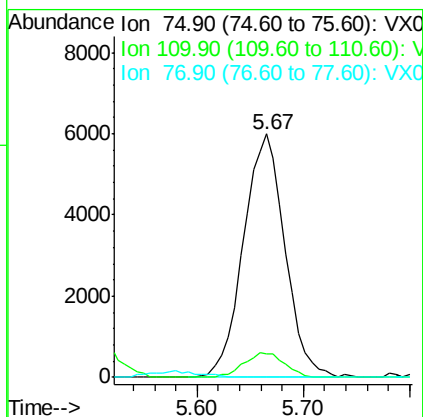
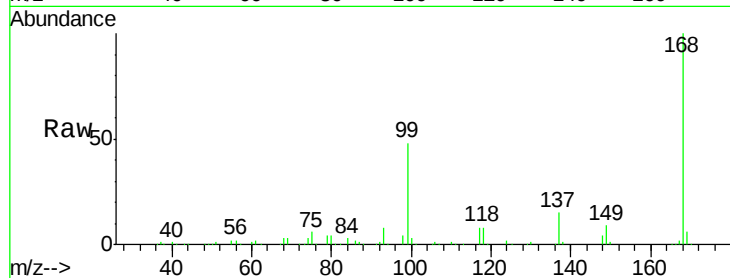




#36
 1,1-Dichloropropene
 Concen: 4.392 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

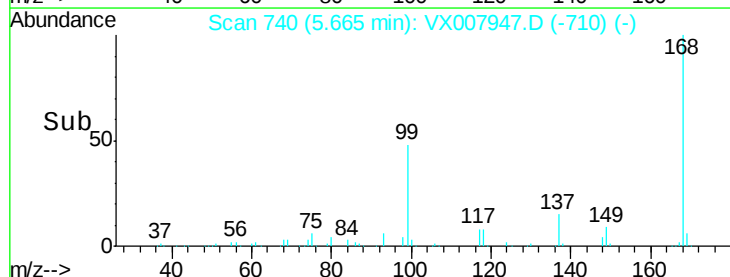
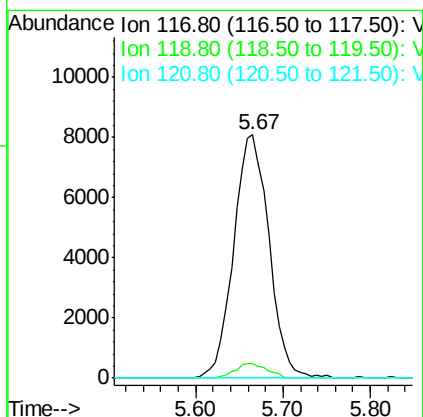
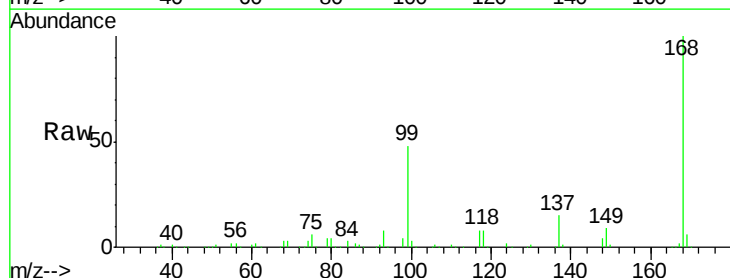
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1

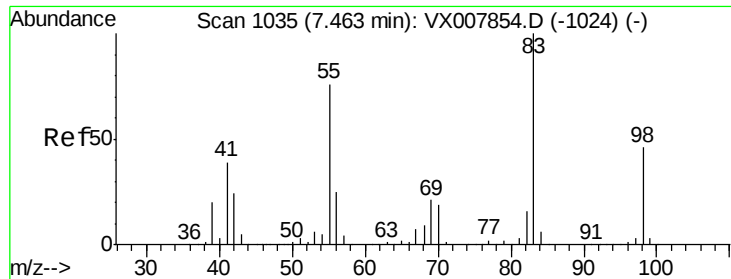
Tot Ion: 75 Resp: 16364
 Ion Ratio Lower Upper
 75 100
 110 9.8 18.4 55.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.435 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Tgt Ion:117 Resp: 22761
 Ion Ratio Lower Upper
 117 100
 119 5.9 76.2 114.2#
 121 0.0 24.6 36.8#

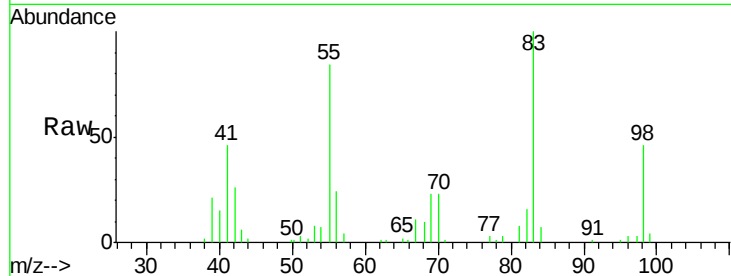




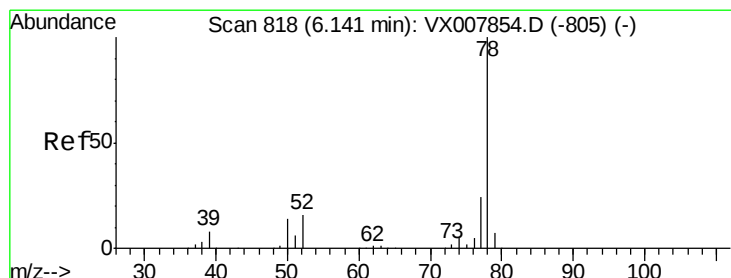
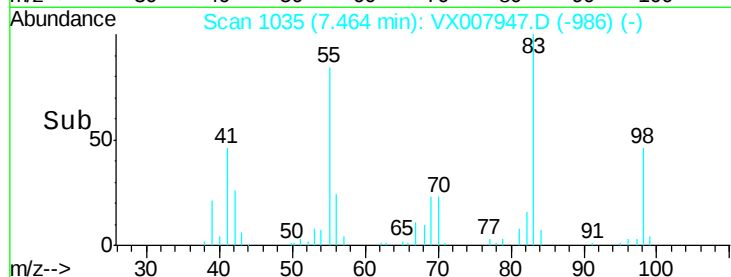
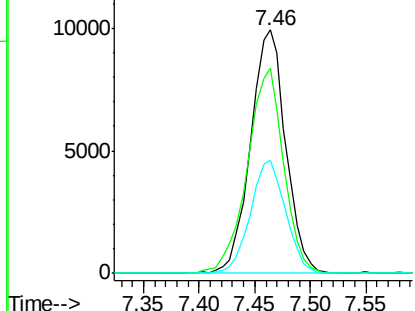
#39
Methvlcvclohexane
Concen: 4.837 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Instrument :
MSVOA_X
ClientSampled :
RW-1

Tot Ion: 83 Resp: 21835
Ion Ratio Lower Upper
83 100
55 84.2 60.4 90.6
98 46.4 36.5 54.7

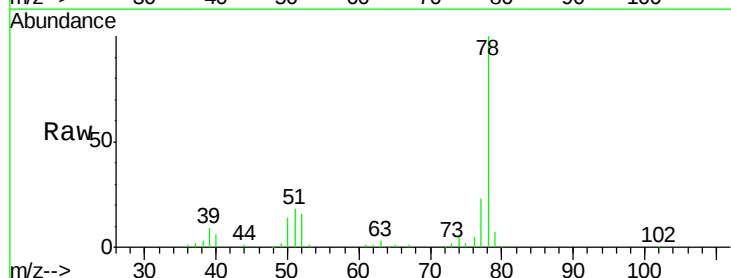


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

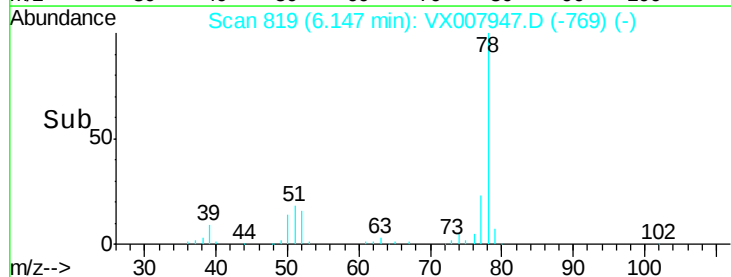
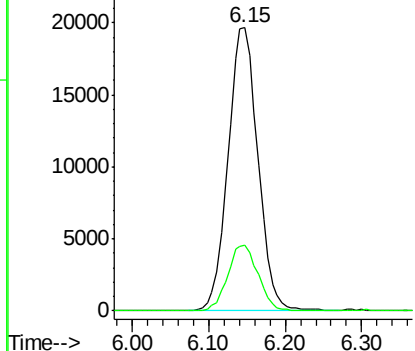


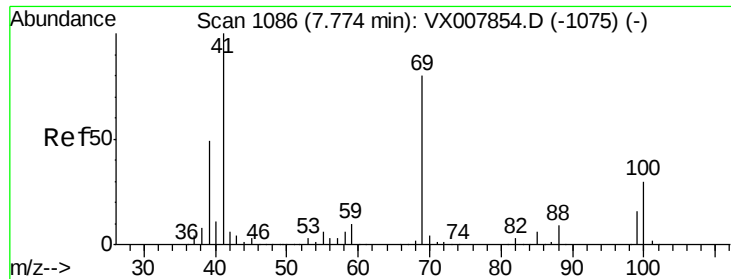
#40
Benzene
Concen: 4.796 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion: 78 Resp: 53191
Ion Ratio Lower Upper
78 100
77 23.1 19.0 28.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0

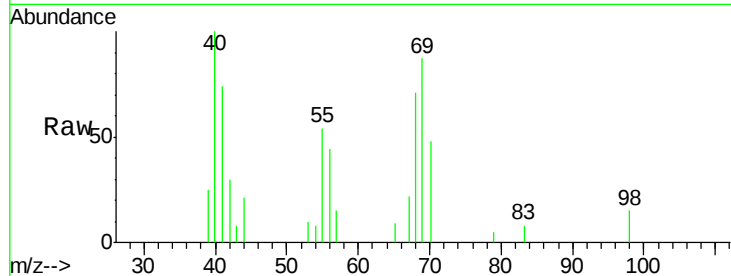




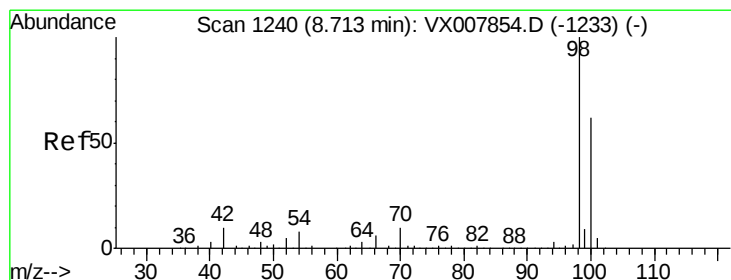
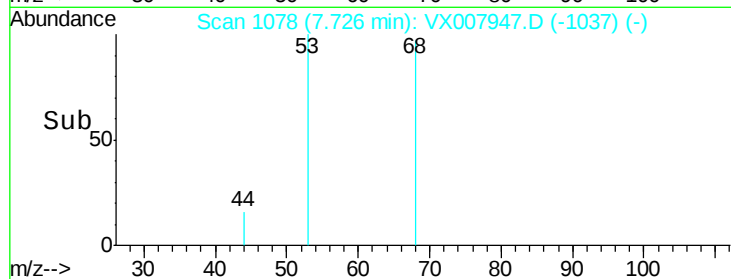
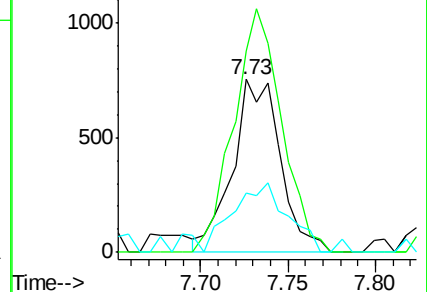
#48
Methvl methacrylate
Concen: 0.416 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.05 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Instrument :
MSVOA_X
ClientSampled :
RW-1

Tot Ion: 41 Resp: 1432
Ion Ratio Lower Upper
41 100
69 141.1 65.2 97.8#
39 51.4 39.4 59.2

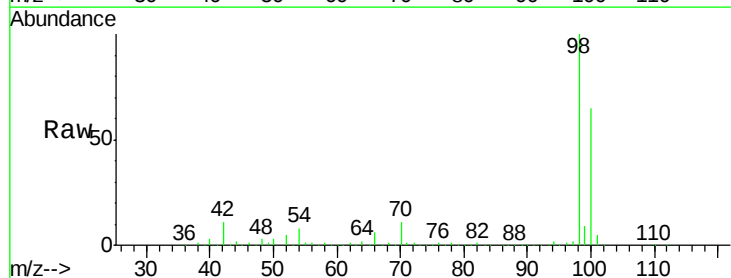


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

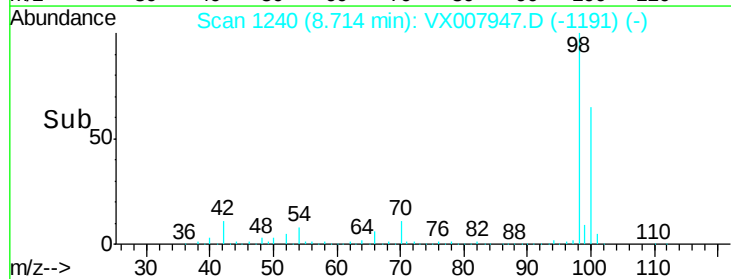
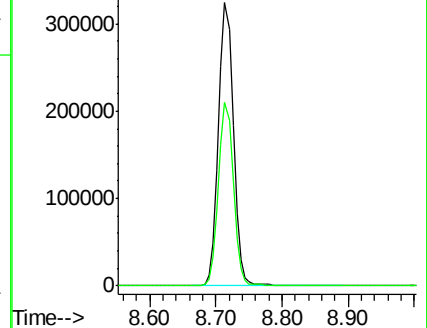


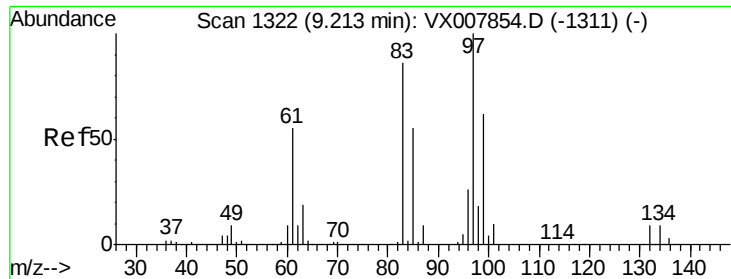
#50
Toluene-d8
Concen: 52.544 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion: 98 Resp: 507904
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



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

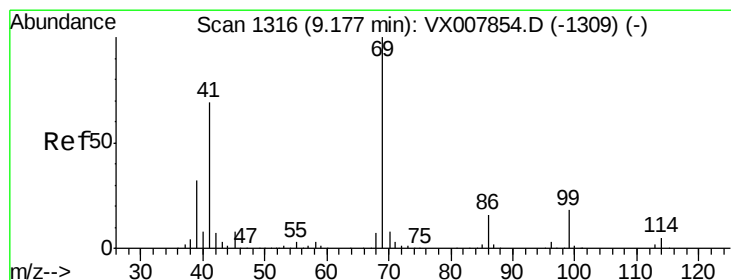
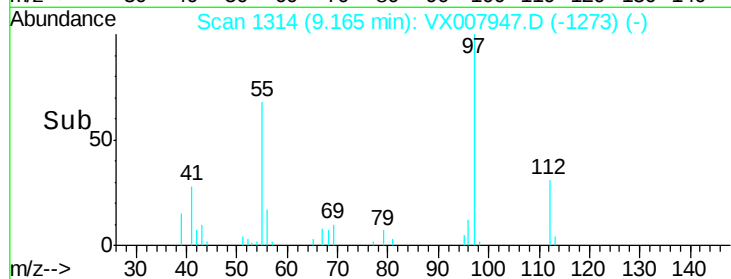
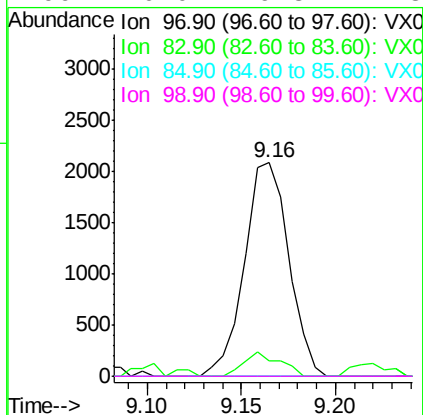
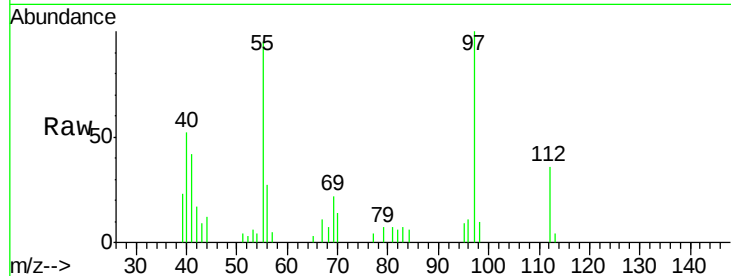




#55
 1,1,2-Trichloroethane
 Concen: 1.241 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

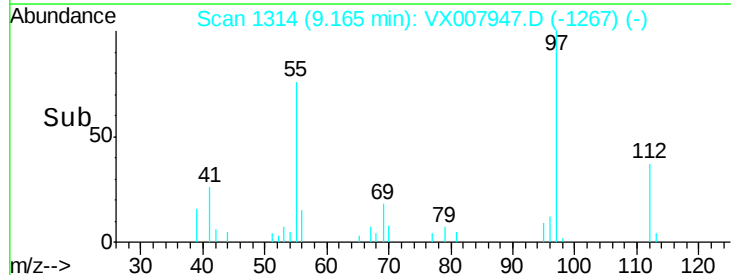
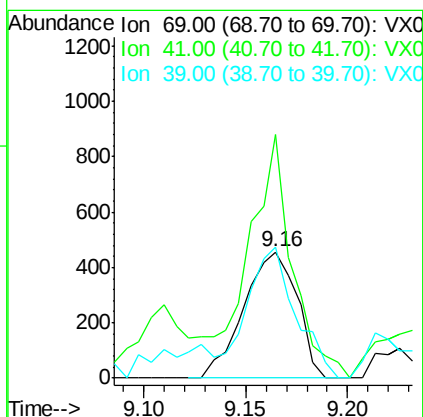
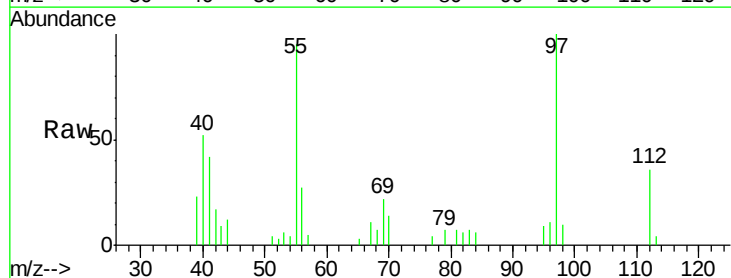
Instrument :
 MSVOA_X
 ClientSampleId :
 RW-1

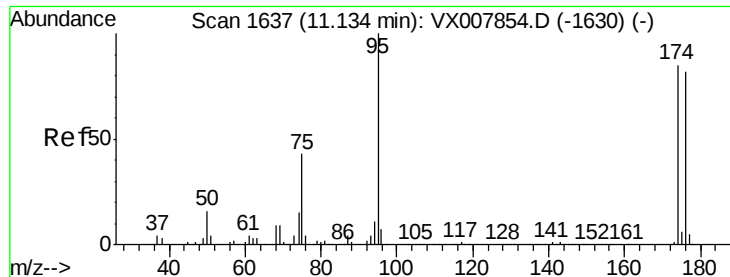
Tot Ion: 97 Resp: 3401
 Ion Ratio Lower Upper
 97 100
 83 6.9 69.1 103.7#
 85 0.0 44.3 66.5#
 99 0.0 49.8 74.8#



#56
 Ethyl methacrylate
 Concen: 0.201 ug/l
 RT: 9.16 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Tgt Ion: 69 Resp: 829
 Ion Ratio Lower Upper
 69 100
 41 161.0 54.2 81.4#
 39 95.4 25.0 37.4#





#62

4-Bromofluorobenzene

Concen: 56.250 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

RW-1

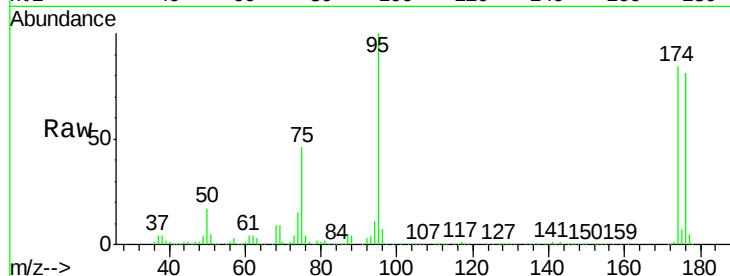
Tot Ion: 95 Resp: 190634

Ion Ratio Lower Upper

95 100

174 92.3 0.0 182.8

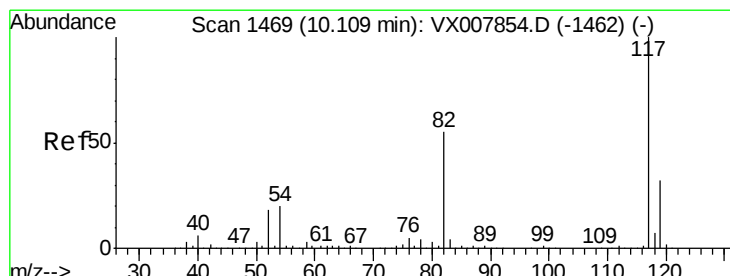
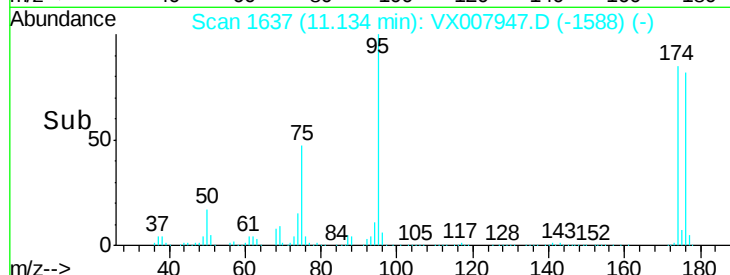
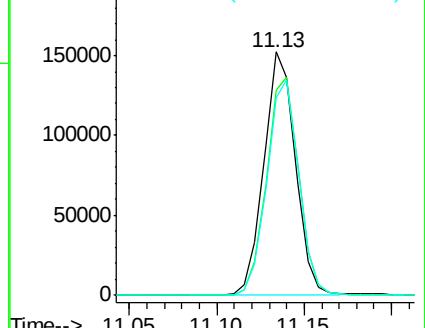
176 89.7 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

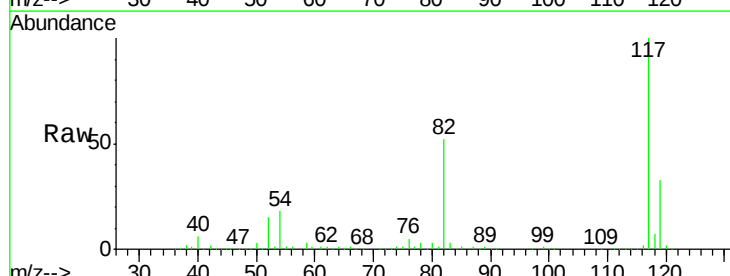
Tgt Ion: 117 Resp: 394218

Ion Ratio Lower Upper

117 100

82 52.0 44.3 66.5

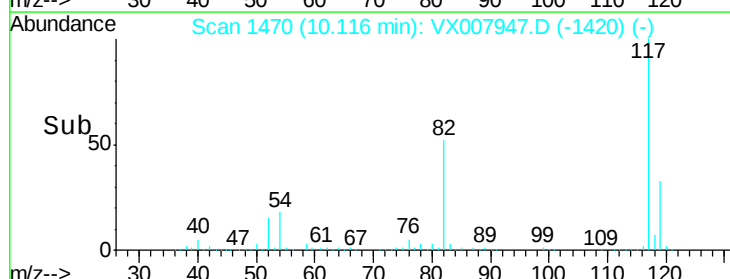
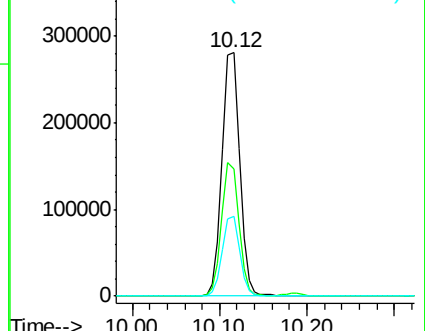
119 32.5 25.3 37.9

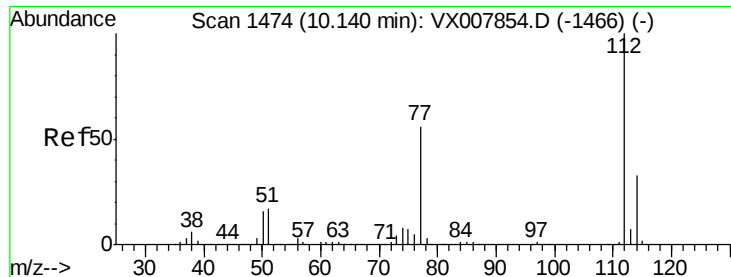


Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

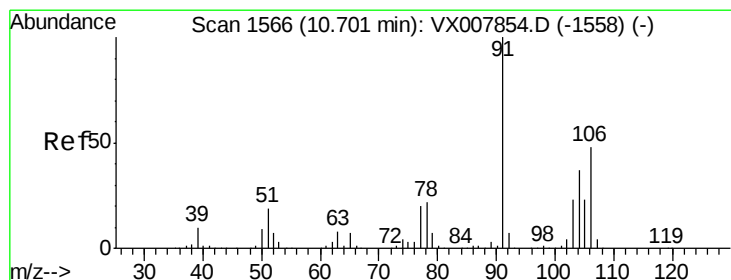
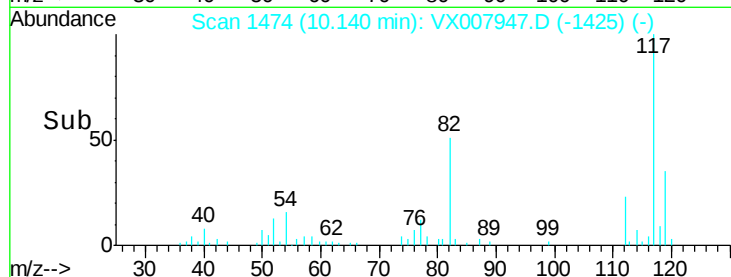
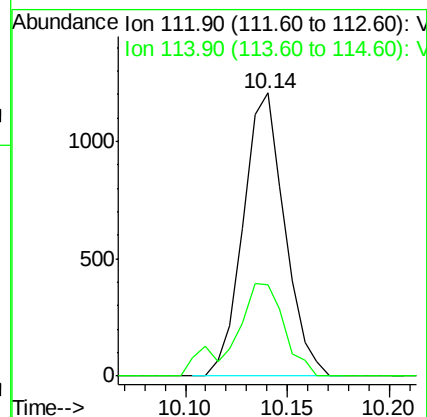
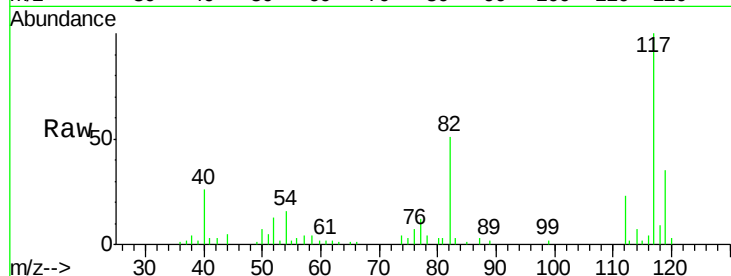




#65
Chlorobenzene
Concen: 0.206 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

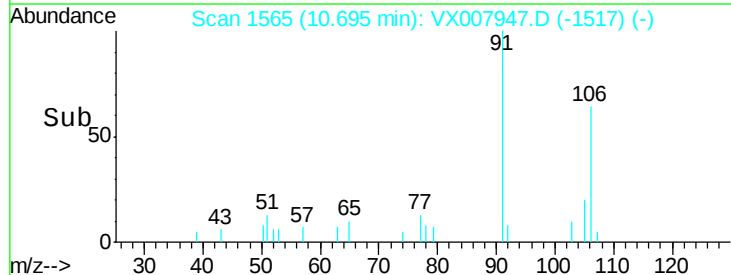
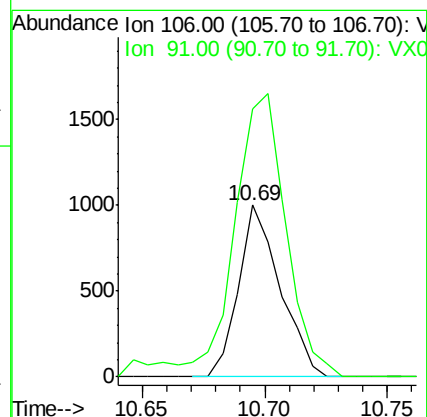
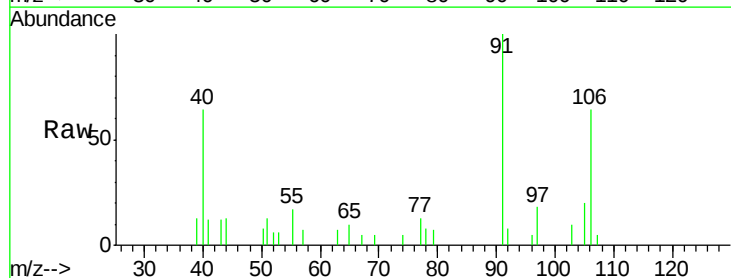
Instrument :
MSVOA_X
ClientSampled :
RW-1

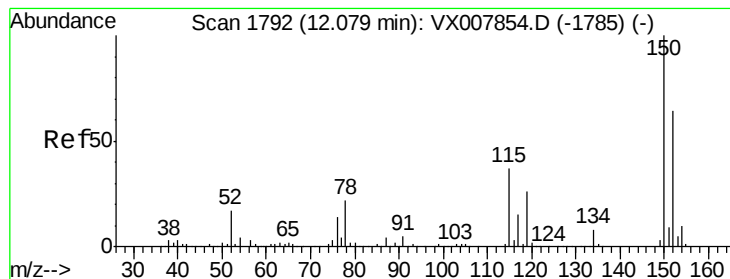
Tot Ion:112 Resp: 1702
Ion Ratio Lower Upper
112 100
114 32.2 26.0 39.0



#69
o-Xylene
Concen: 0.233 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion:106 Resp: 1179
Ion Ratio Lower Upper
106 100
91 201.8 106.3 318.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

RW-1

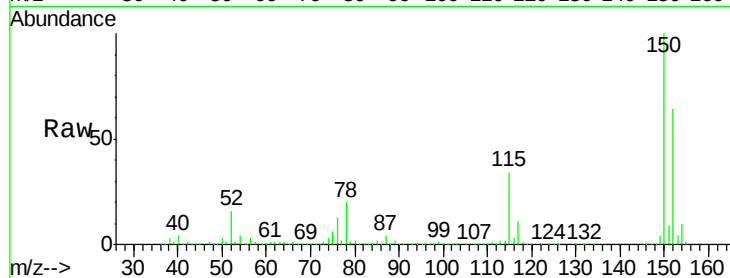
Tot Ion:152 Resp: 199311

Ion Ratio Lower Upper

152 100

115 55.1 38.6 115.7

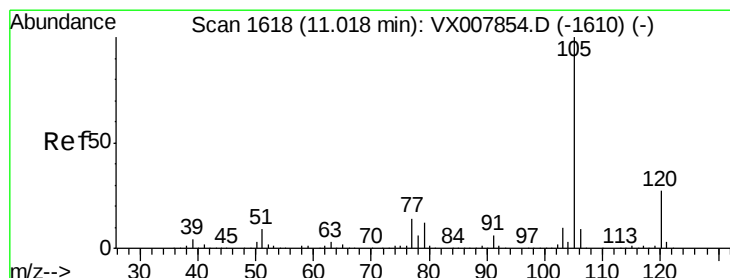
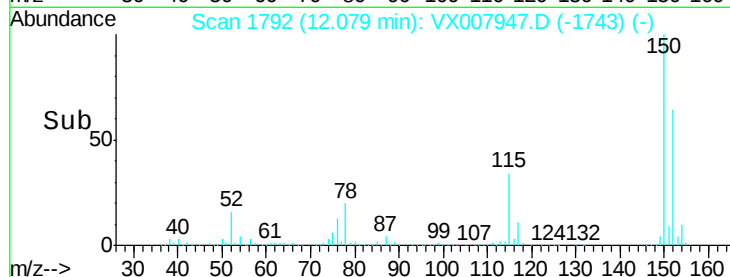
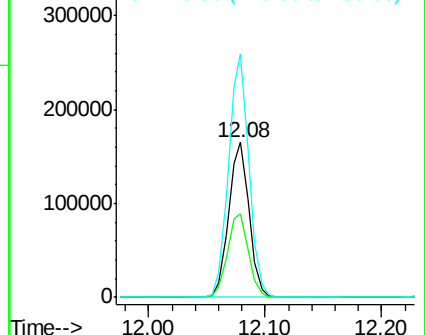
150 156.8 0.0 348.4



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



#73

Isopropylbenzene

Concen: 7.034 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007947.D

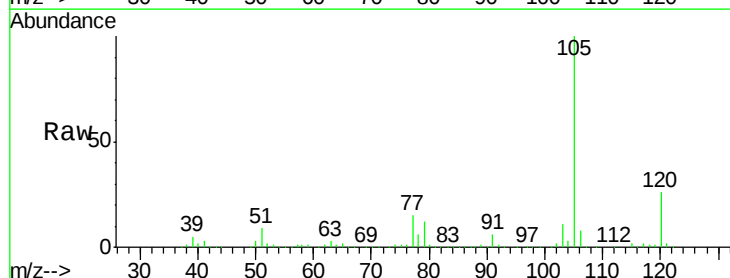
Acq: 08 Mar 2019 22:41

Tgt Ion:105 Resp: 94814

Ion Ratio Lower Upper

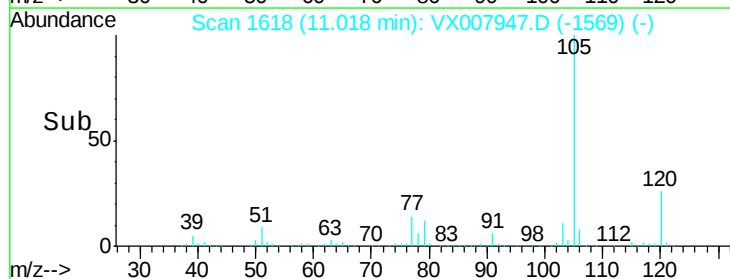
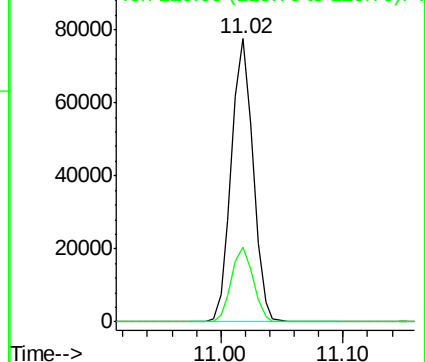
105 100

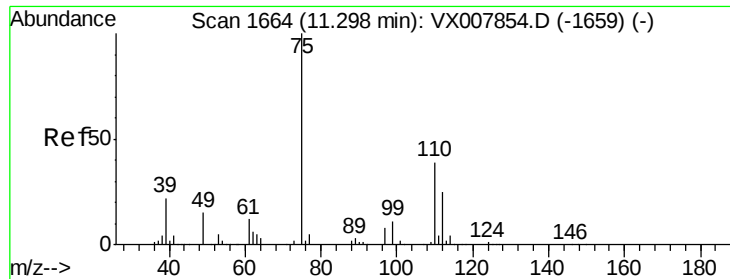
120 26.7 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



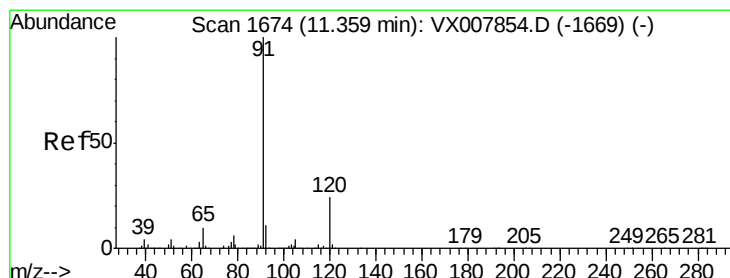
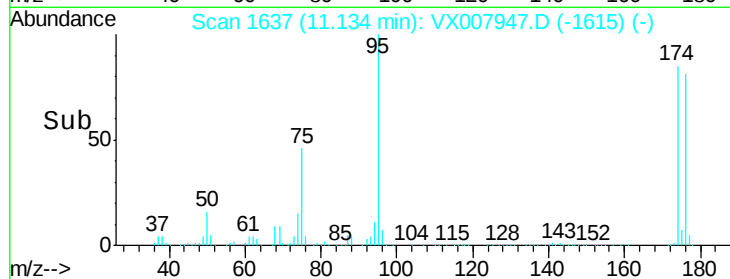
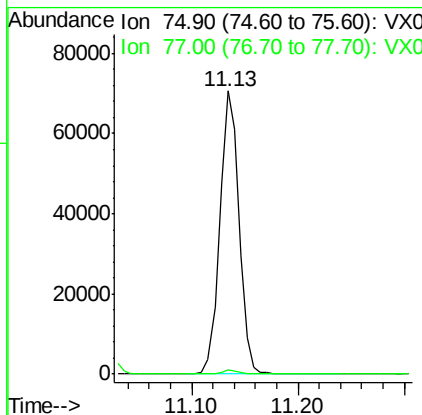
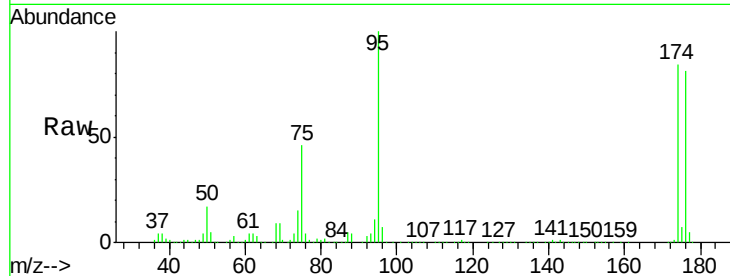


#76

1,2,3-Trichloropropane
 Concen: 21.234 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Instrument :
 MSVOA_X
 ClientSampled :
 RW-1

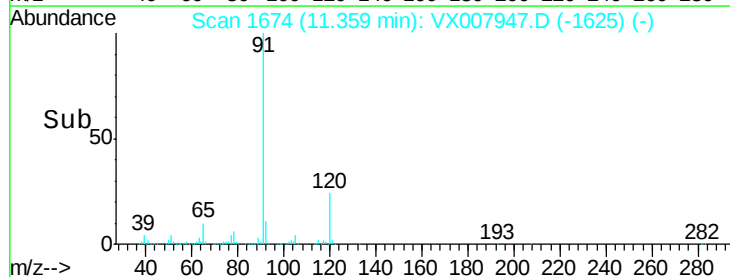
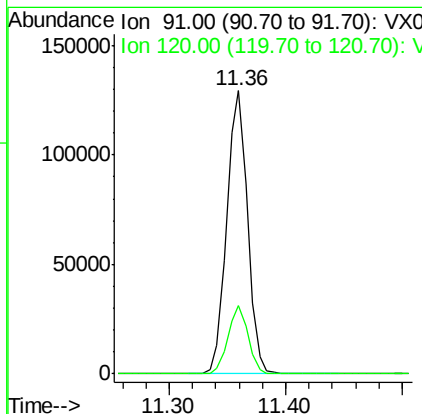
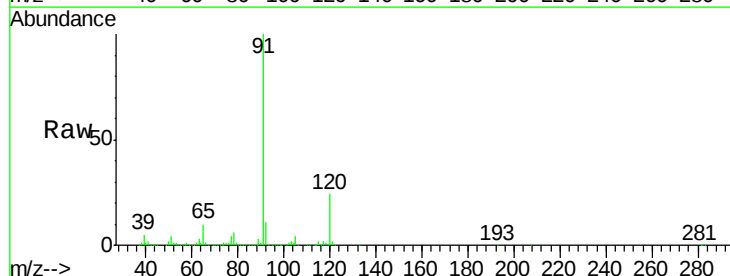
Tot Ion: 75 Resp: 88807
 Ion Ratio Lower Upper
 75 100
 77 1.5 18.9 56.7#

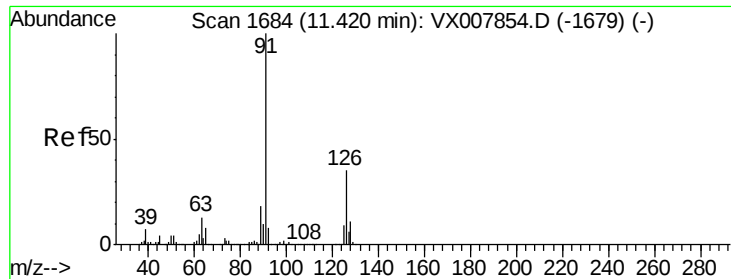


#78

n-propylbenzene
 Concen: 10.728 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Tgt Ion: 91 Resp: 160430
 Ion Ratio Lower Upper
 91 100
 120 23.3 12.0 36.0





#79

2-Chlorotoluene

Concen: 17.546 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.06 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampleId :

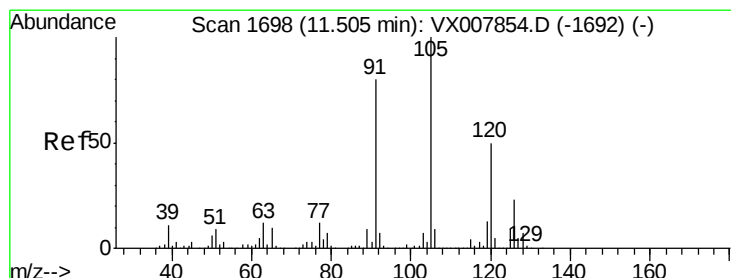
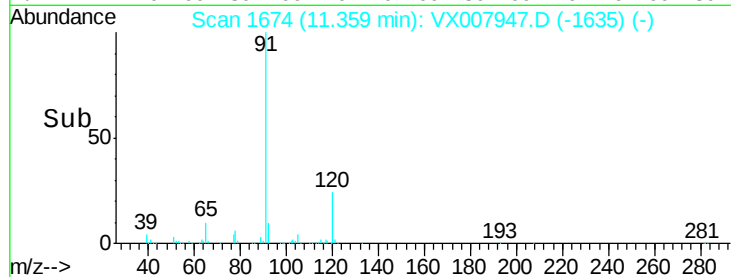
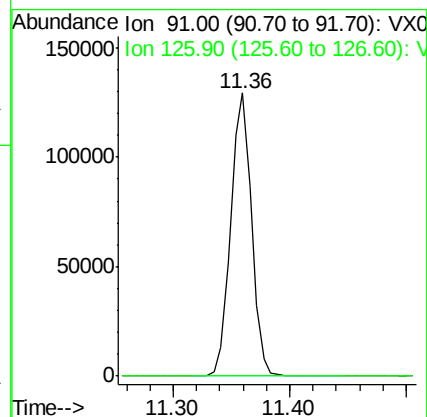
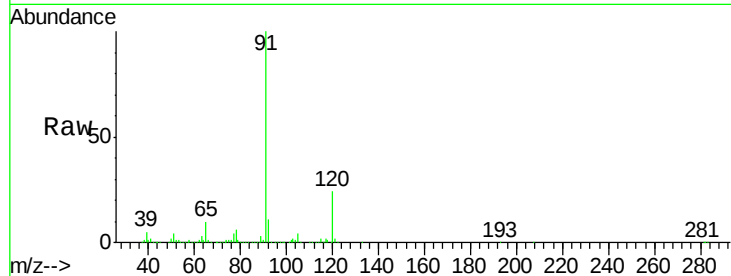
RW-1

Tot Ion: 91 Resp: 160430

Ion Ratio Lower Upper

91 100

126 0.0 17.5 52.6#



#80

1,3,5-Trimethylbenzene

Concen: 1.054 ug/l

RT: 11.66 min Scan# 1724

Delta R.T. 0.16 min

Lab File: VX007947.D

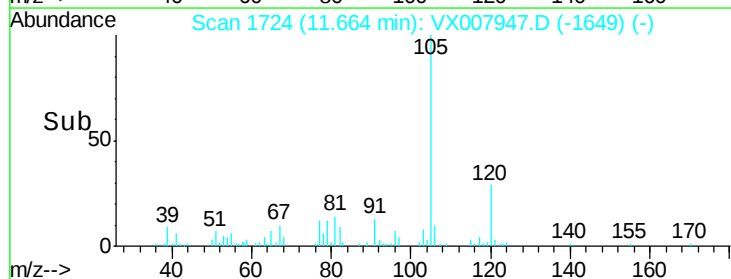
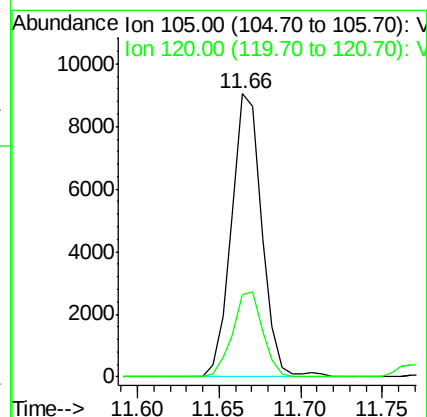
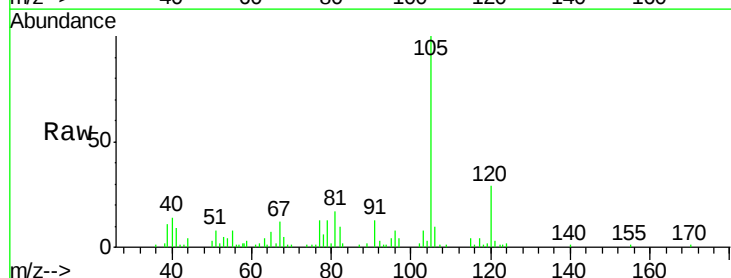
Acq: 08 Mar 2019 22:41

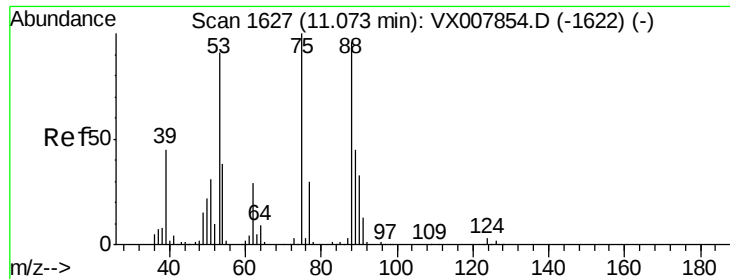
Tgt Ion: 105 Resp: 11694

Ion Ratio Lower Upper

105 100

120 29.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 67.873 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampled :

RW-1

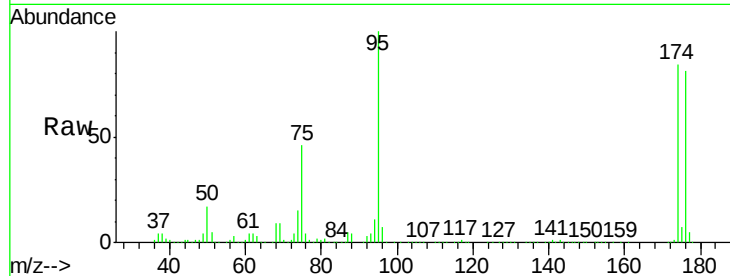
Tot Ion: 75 Resp: 88807

Ion Ratio Lower Upper

75 100

53 0.2 76.1 114.1#

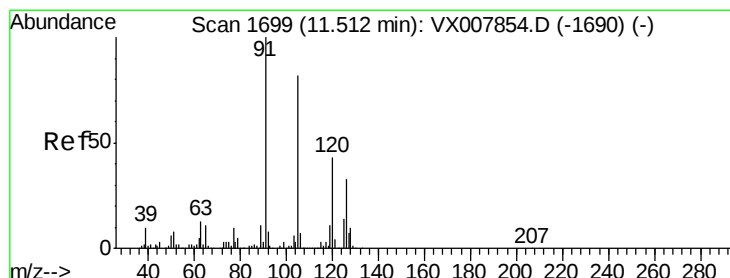
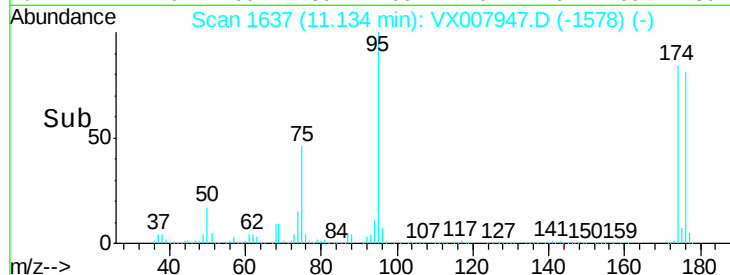
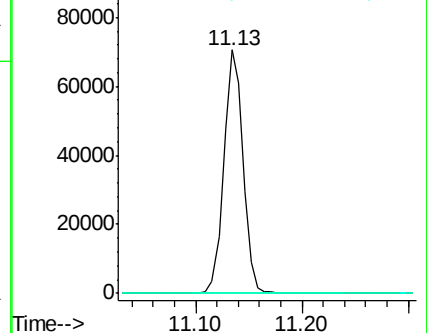
89 0.0 36.3 54.5#



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



#82

4-Chlorotoluene

Concen: 15.311 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.15 min

Lab File: VX007947.D

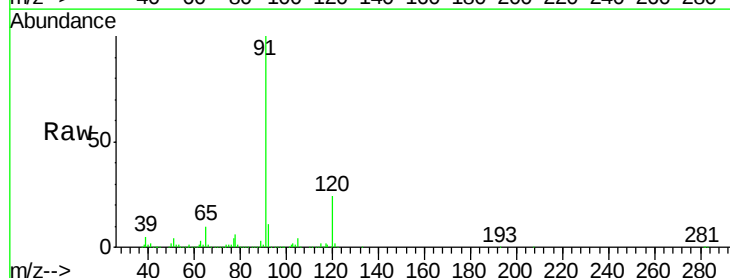
Acq: 08 Mar 2019 22:41

Tgt Ion: 91 Resp: 160430

Ion Ratio Lower Upper

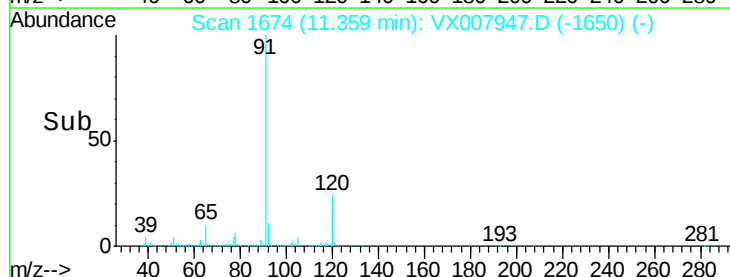
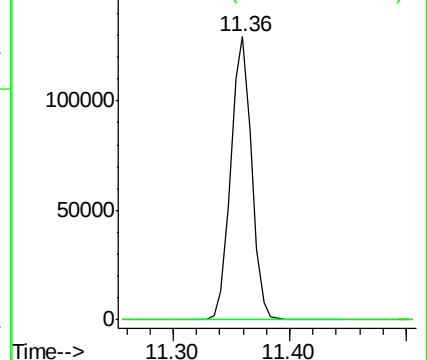
91 100

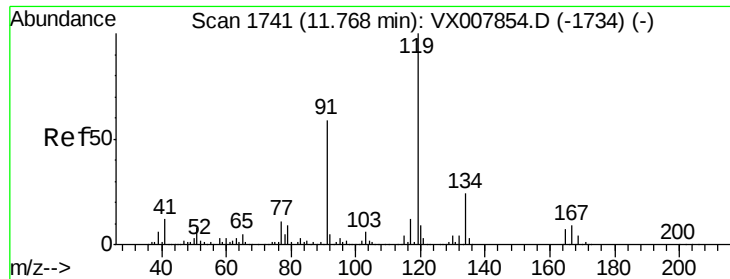
126 0.0 15.6 46.8#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

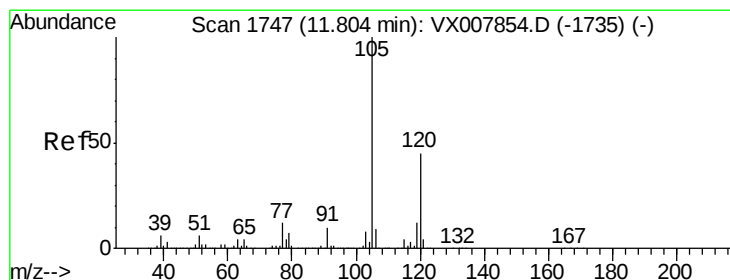
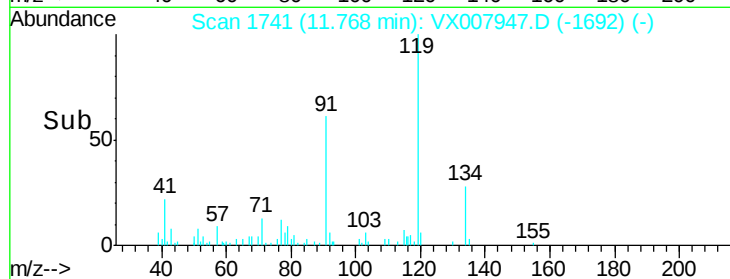
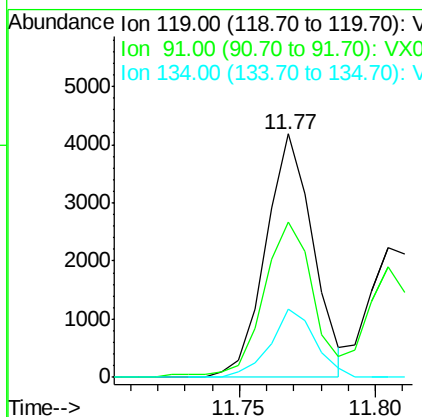
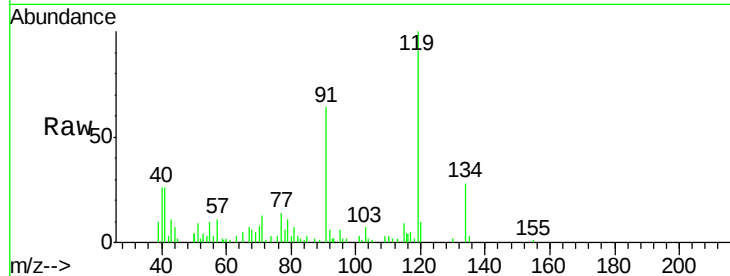




#83
 tert-Butylbenzene
 Concen: 0.451 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

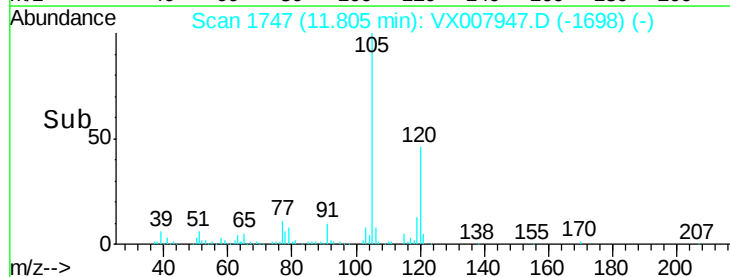
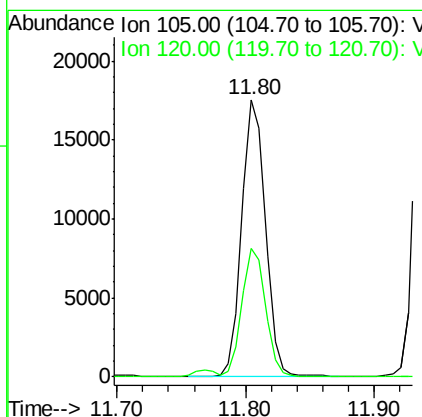
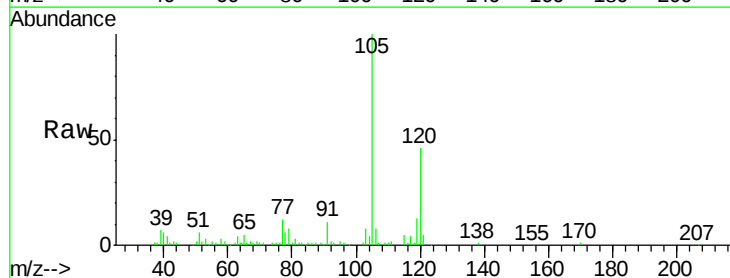
Instrument :
 MSVOA_X
 ClientSampled :
 RW-1

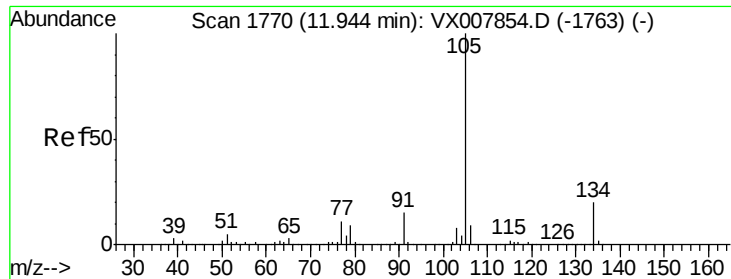
Tot Ion:119 Resp: 5040
 Ion Ratio Lower Upper
 119 100
 91 67.1 27.1 81.3
 134 26.5 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 1.973 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX007947.D
 Acq: 08 Mar 2019 22:41

Tgt Ion:105 Resp: 22442
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.6 67.7





#85

sec-Butylbenzene

Concen: 5.215 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

Instrument :

MSVOA_X

ClientSampled :

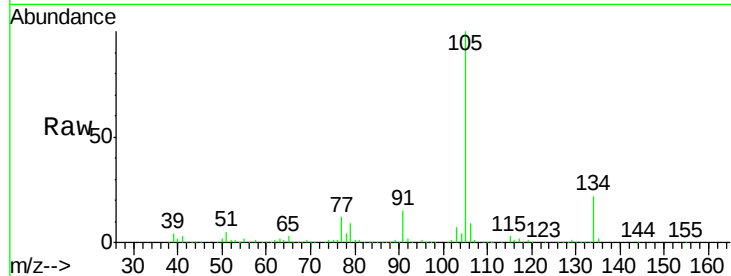
RW-1

Tot Ion:105 Resp: 68635

Ion Ratio Lower Upper

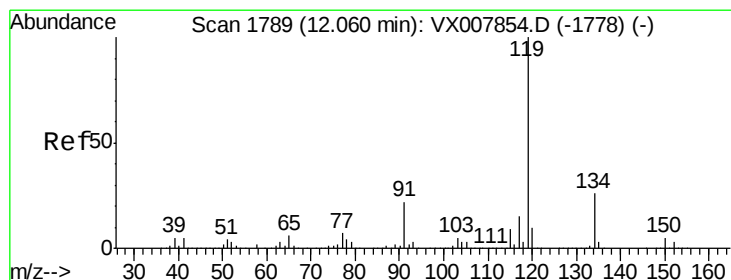
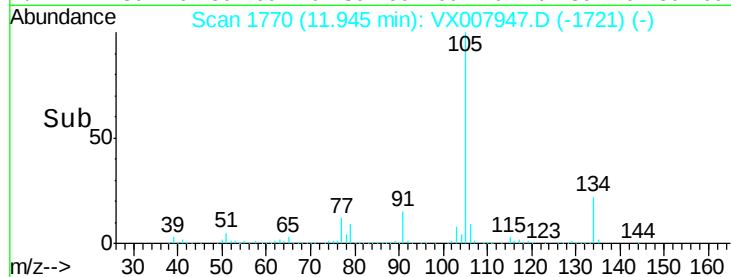
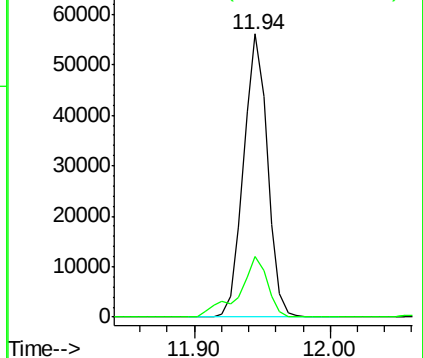
105 100

134 25.6 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 1.610 ug/l

RT: 12.23 min Scan# 1817

Delta R.T. 0.17 min

Lab File: VX007947.D

Acq: 08 Mar 2019 22:41

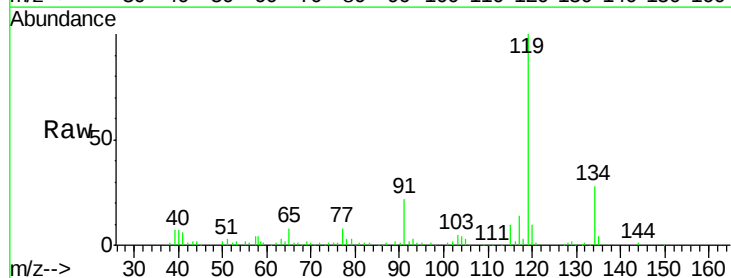
Tgt Ion:119 Resp: 18977

Ion Ratio Lower Upper

119 100

134 29.1 13.3 39.9

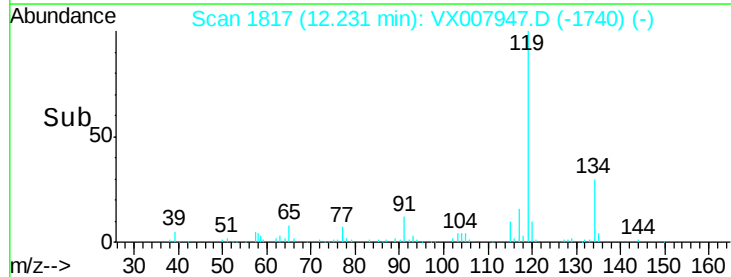
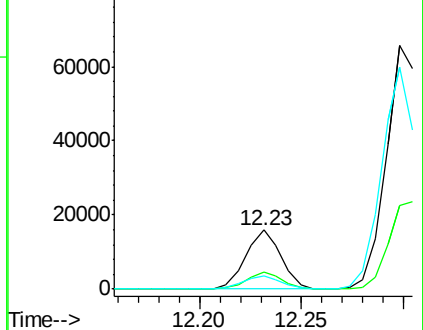
91 22.8 10.9 32.7

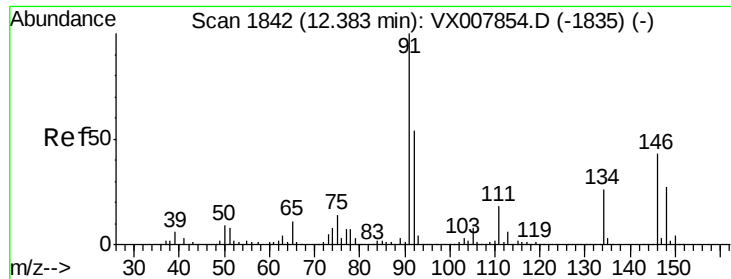


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

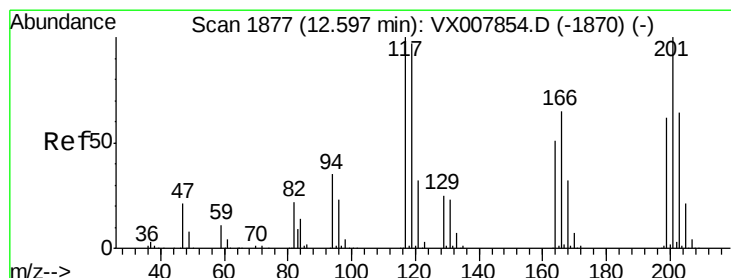
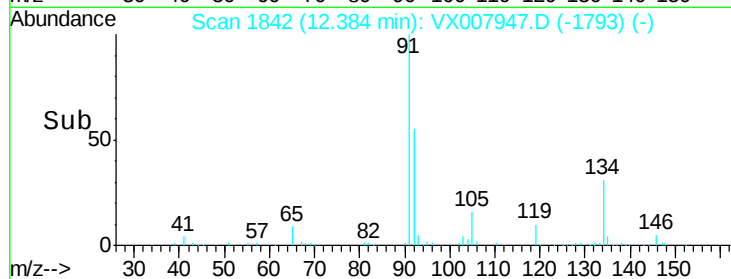
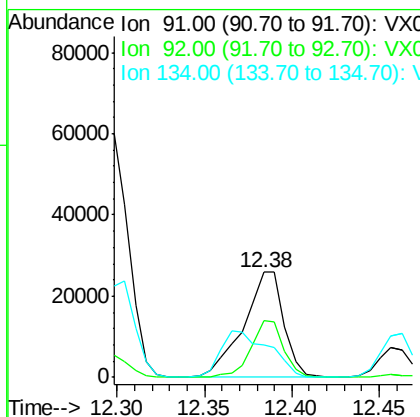
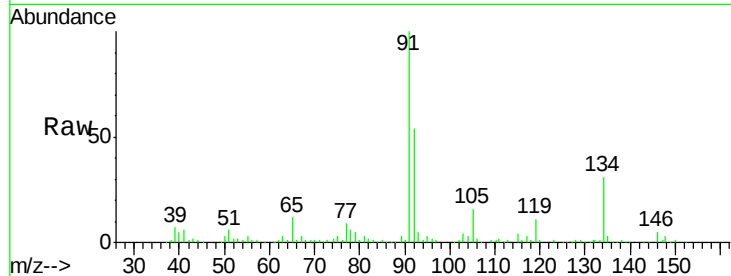




#89
n-Butylbenzene
Concen: 4.113 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

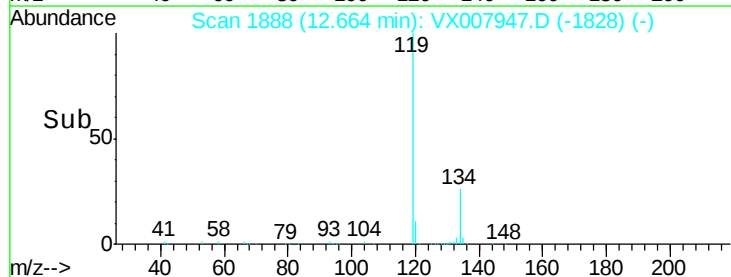
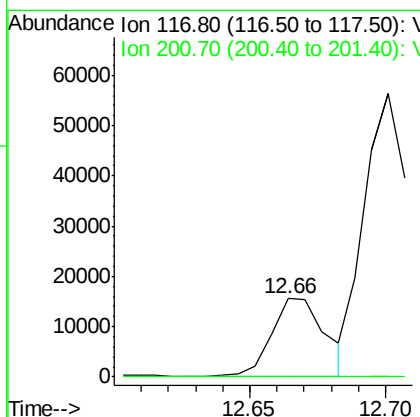
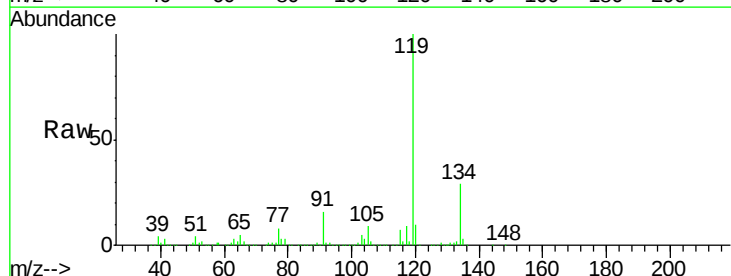
Instrument :
MSVOA_X
ClientSampled :
RW-1

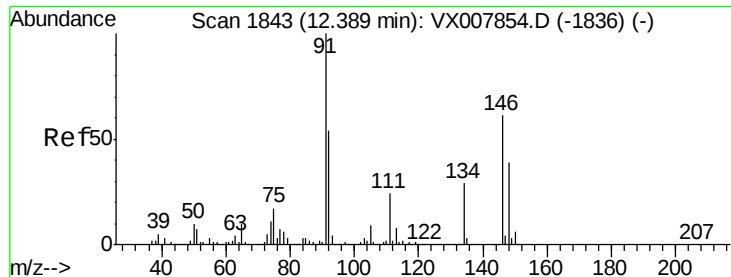
Tot Ion: 91 Resp: 41079
Ion Ratio Lower Upper
91 100
92 43.8 27.0 80.8
134 54.3 13.7 41.0#



#90
Hexachloroethane
Concen: 10.667 ug/l
RT: 12.66 min Scan# 1888
Delta R.T. 0.07 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion: 117 Resp: 21023
Ion Ratio Lower Upper
117 100
201 0.0 48.9 146.7#

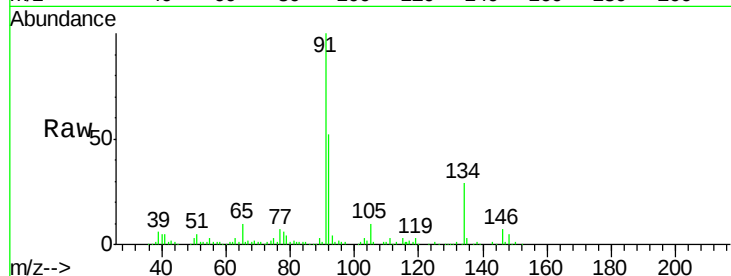




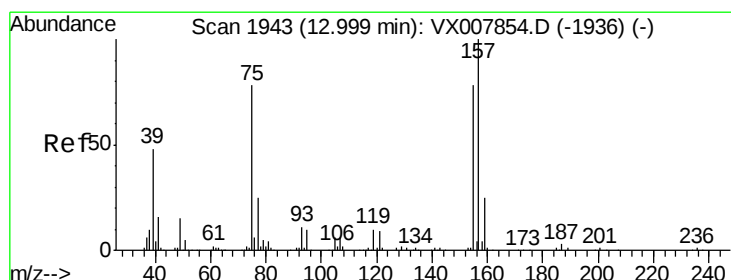
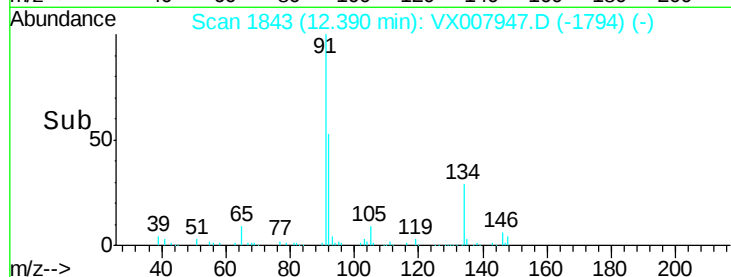
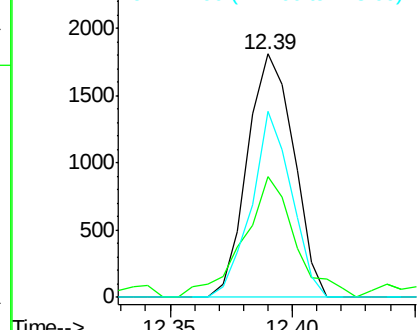
#91
1,2-Dichlorobenzene
Concen: 0.369 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Instrument :
MSVOA_X
ClientSampleId :
RW-1

Tot Ion:146 Resp: 2396
Ion Ratio Lower Upper
146 100
111 55.1 19.6 58.8
148 66.2 31.9 95.5

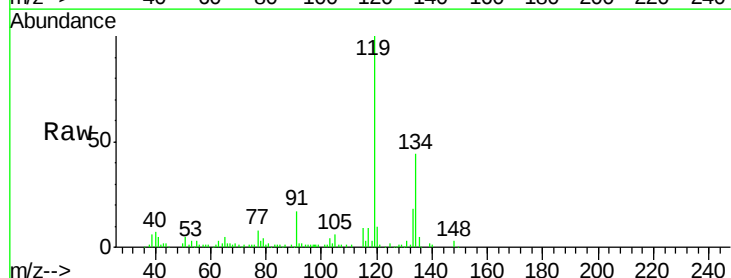


Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

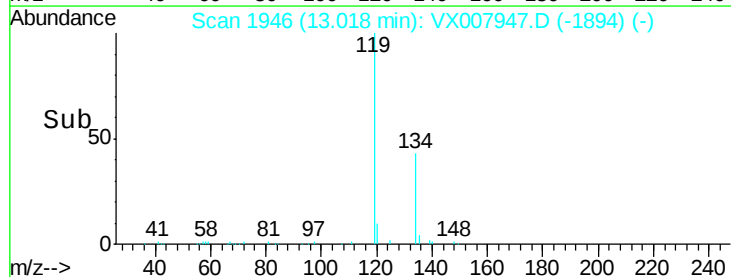
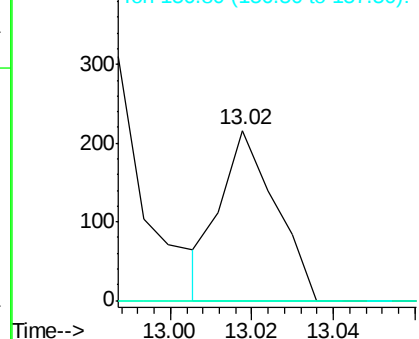


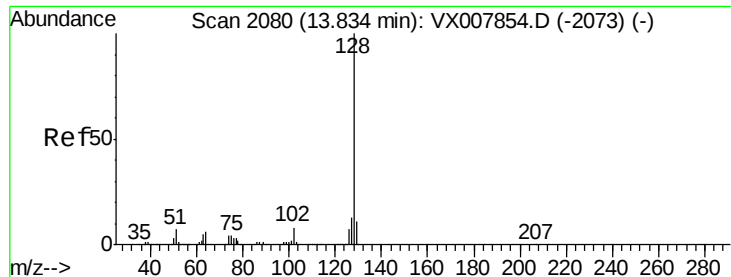
#92
1,2-Dibromo-3-Chloropropane
Concen: 0.208 ug/l
RT: 13.02 min Scan# 1946
Delta R.T. 0.02 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Tgt Ion: 75 Resp: 202
Ion Ratio Lower Upper
75 100
155 0.0 49.7 149.1#
157 0.0 63.8 191.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 154.80 (154.50 to 155.50): V
Ion 156.80 (156.50 to 157.50): V





#95
Naphthalene
Concen: 0.797 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX007947.D
Acq: 08 Mar 2019 22:41

Instrument :
MSVOA_X
ClientSampleId :
RW-1

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.5	10.3	15.5
129	19.9	8.7	13.1

