

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
 Data File : VX005081.D
 Acq On : 05 Oct 2018 21:58
 Operator : JC/MD
 Sample : J5155-02DL 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GWDL

Quant Time: Oct 05 23:51:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	227314	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	339799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	330830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	192606	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	162631	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
35) Dibromofluoromethane	5.51	113	143608	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
50) Toluene-d8	8.72	98	487451	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	179683	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.64	94	953	0.456	ug/l	91
6) Chloroethane	1.72	64	96	Below Cal	#	45
10) Methyl Iodide	2.51	142	869	0.261	ug/l	91
11) Tert butyl alcohol	3.03	59	3182	3.505	ug/l #	84
13) Acrolein	2.31	56	191	0.296	ug/l	95
15) Acrylonitrile	3.15	53	767	0.384	ug/l #	83
16) Acetone	2.45	43	2232	1.177	ug/l	92
17) Carbon Disulfide	2.56	76	1777	0.240	ug/l #	80
18) Methyl Acetate	2.78	43	1300	0.271	ug/l #	85
20) Methylene Chloride	2.85	84	718	Below Cal	#	90
26) 2,2-Dichloropropane	4.77	77	1124	0.299	ug/l #	50
29) Tetrahydrofuran	5.17	42	399	0.230	ug/l #	71
36) 1,1-Dichloropropene	5.66	75	15084	3.839	ug/l #	47
38) Carbon Tetrachloride	5.66	117	19477	4.716	ug/l #	18
40) Benzene	6.14	78	8775	0.713	ug/l #	89
49) 1,4-Dioxane	7.77	88	44	0.518	ug/l #	1
56) Ethyl methacrylate	9.18	69	23	2.867	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	30	14.253	ug/l #	49
67) Ethyl Benzene	10.36	91	25880	1.922	ug/l #	72
68) m/p-Xylenes	10.36	106	13179	2.504	ug/l	100
69) o-Xylene	10.70	106	6594	1.364	ug/l	97
70) Styrene	10.71	104	751	2.220	ug/l #	1
73) Isopropylbenzene	11.02	105	4306	0.355	ug/l	98
74) N-ethyl acetate	10.90	43	241	1.783	ug/l #	47
76) 1,2,3-Trichloropropane	11.14	75	88058	20.398	ug/l #	35
80) 1,3,5-Trimethylbenzene	11.51	105	10242	0.726	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	88058	55.409	ug/l #	10
83) tert-Butylbenzene	12.02	119	2047	0.205	ug/l	76
84) 1,2,4-Trimethylbenzene	11.81	105	25009	1.990	ug/l	97
90) Hexachloroethane	12.75	117	4709	2.564	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	972	0.896	ug/l #	1
95) Naphthalene	13.83	128	312525	19.946	ug/l	100

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

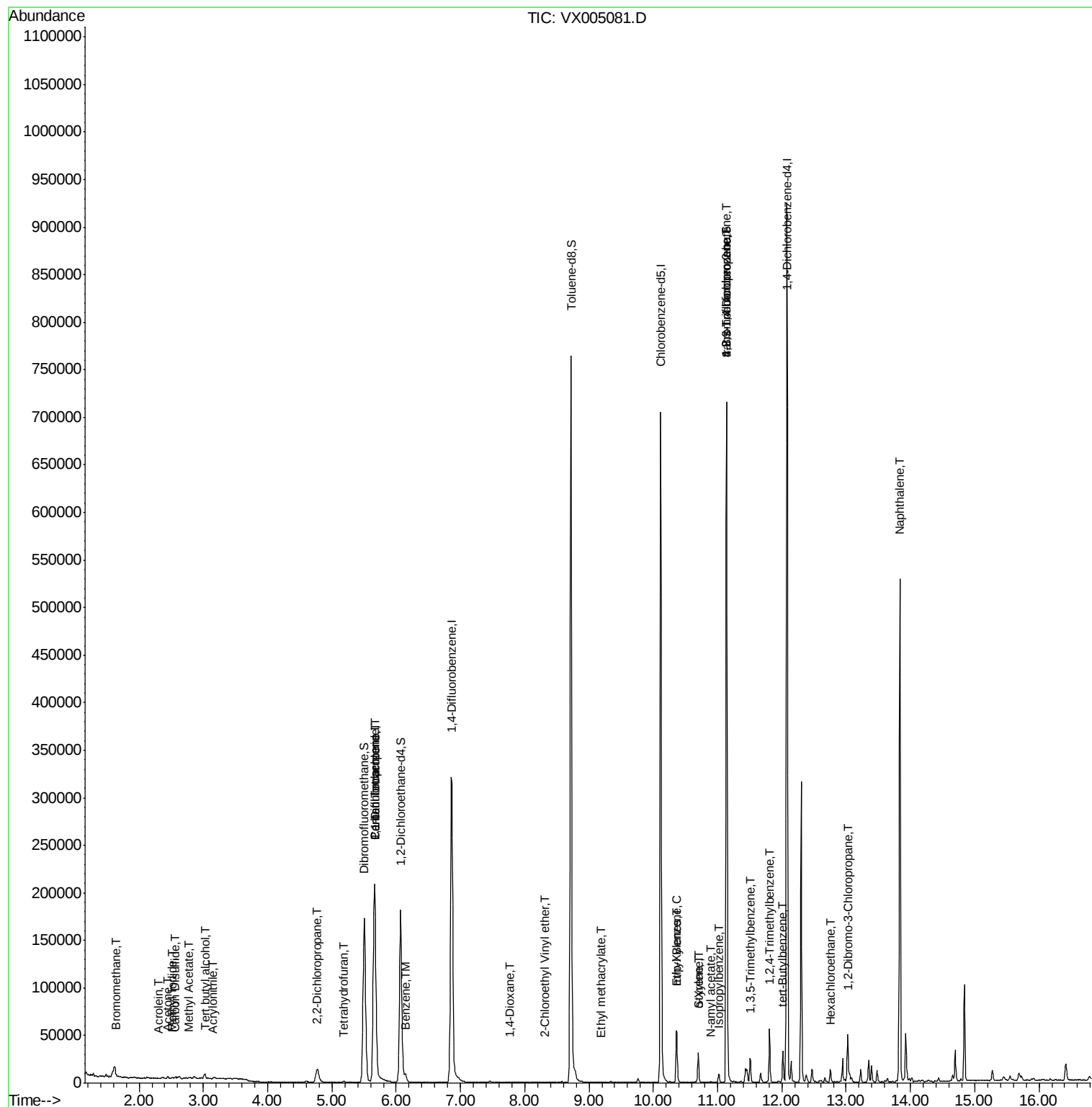
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

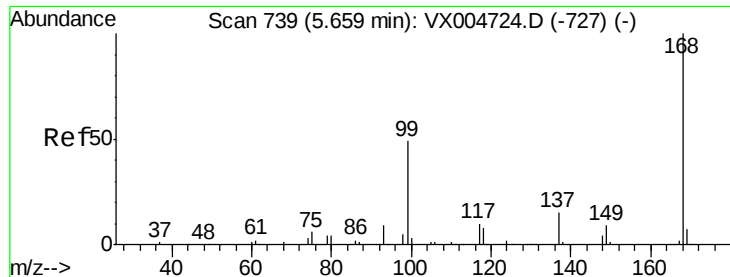
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

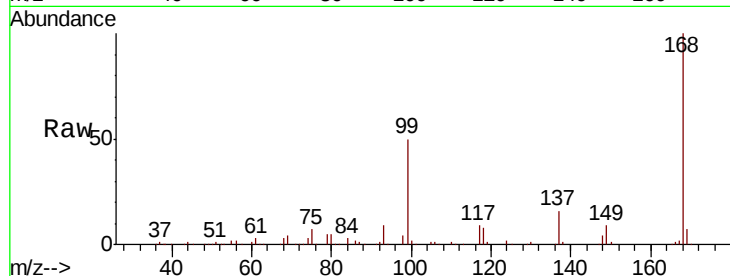
QNWP8-MW30D-GWDL

Tot Ion:168 Resp: 227314

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

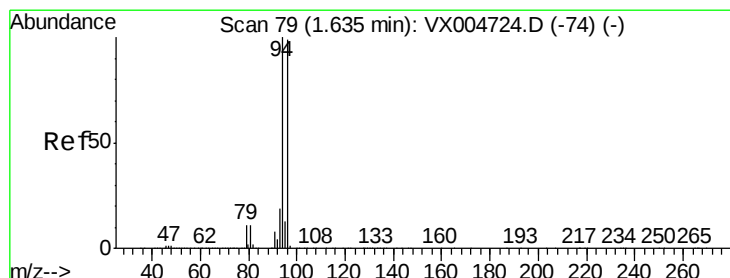
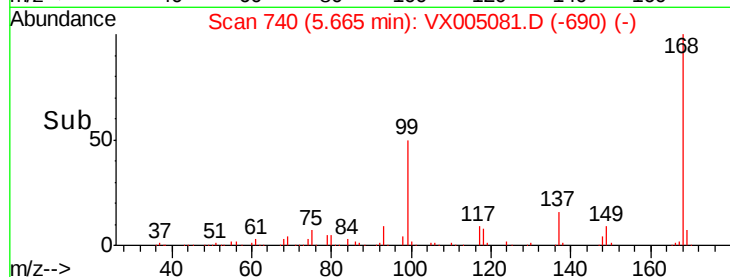
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.456 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX005081.D

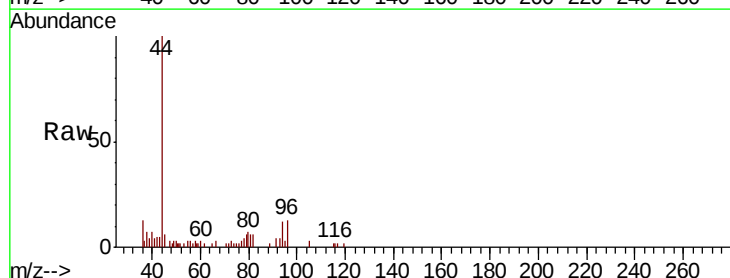
Acq: 05 Oct 2018 21:58

Tgt Ion: 94 Resp: 953

Ion Ratio Lower Upper

94 100

96 108.6 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

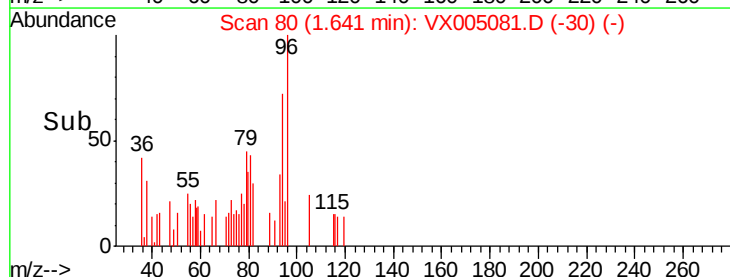
300

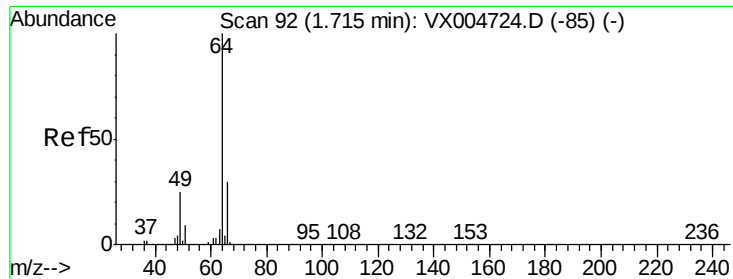
200

100

0

Time--> 1.60 1.65 1.70 1.75





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

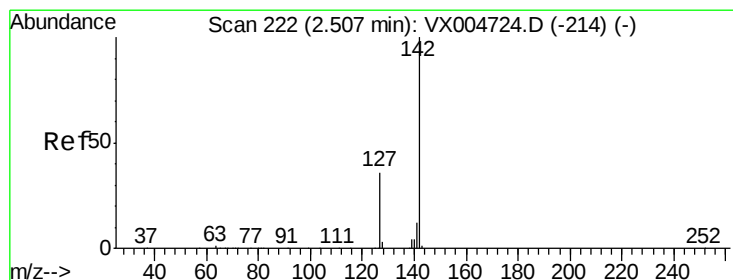
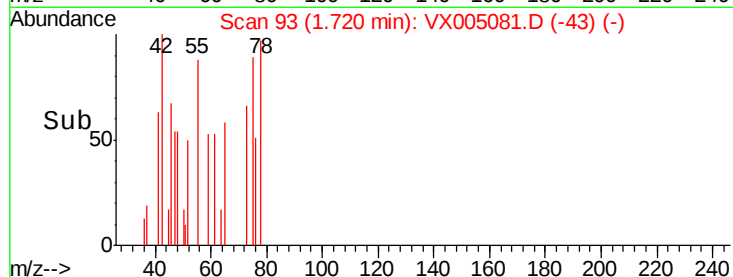
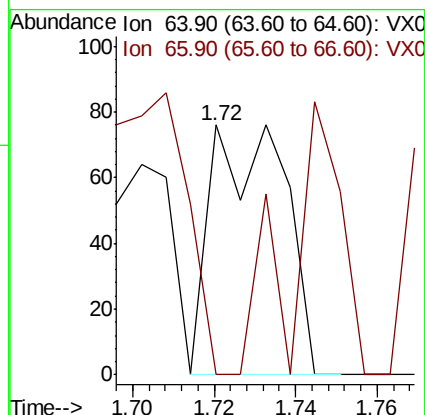
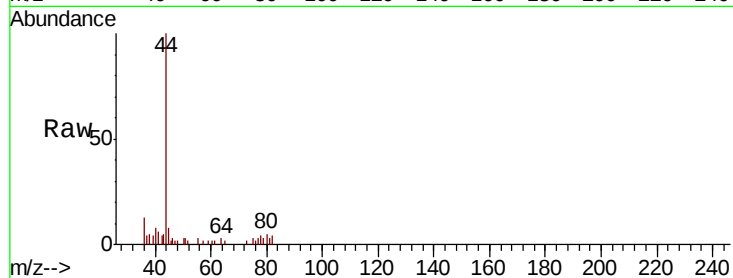
QNWP8-MW30D-GWDL

Tot Ion: 64 Resp: 96

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#10

Methyl Iodide

Concen: 0.261 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

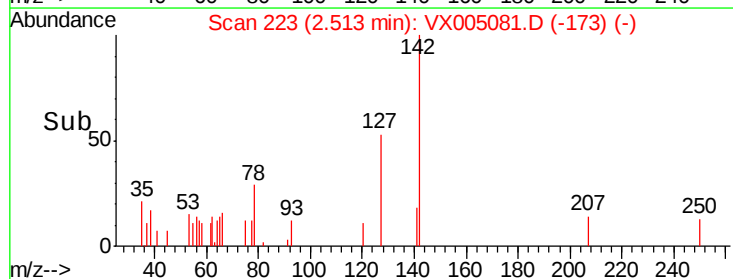
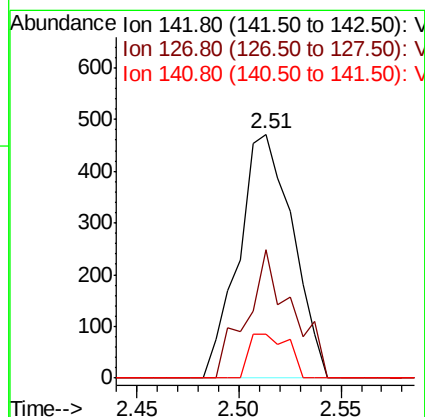
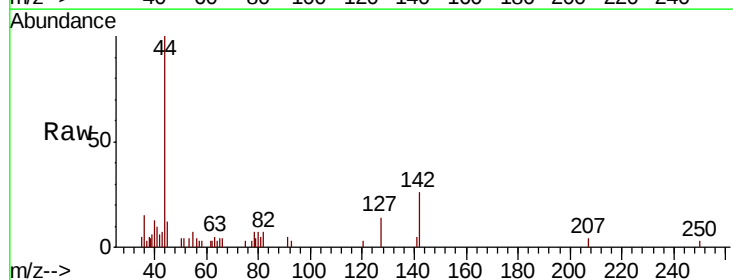
Tgt Ion: 142 Resp: 869

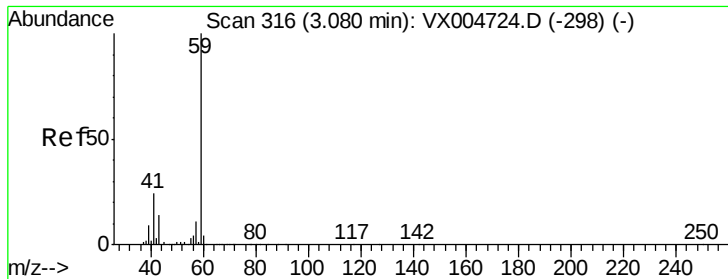
Ion Ratio Lower Upper

142 100

127 44.4 30.1 45.1

141 13.1 10.1 15.1



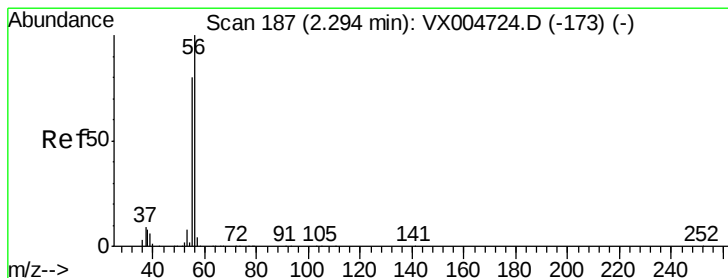
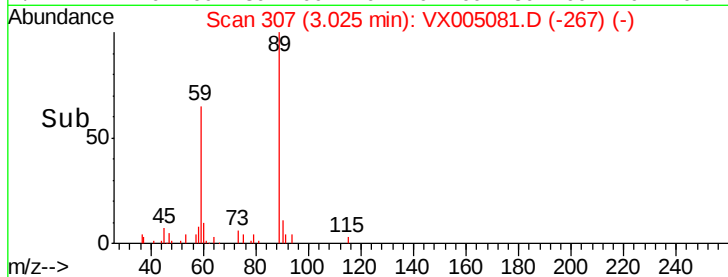
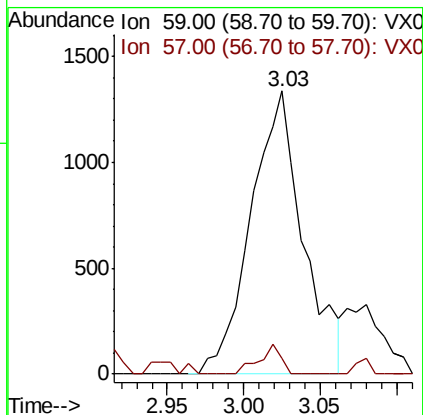
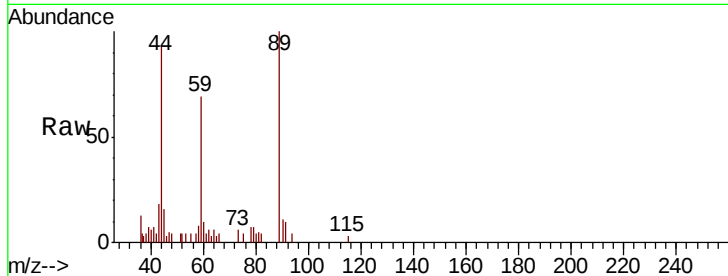


#11

Tert butyl alcohol
 Concen: 3.505 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.06 min
 Lab File: VX005081.D
 Acq: 05 Oct 2018 21:58

Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GWDL

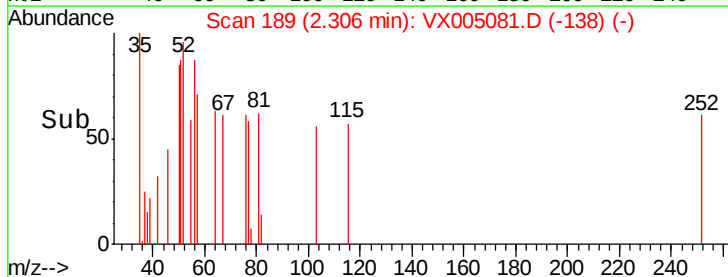
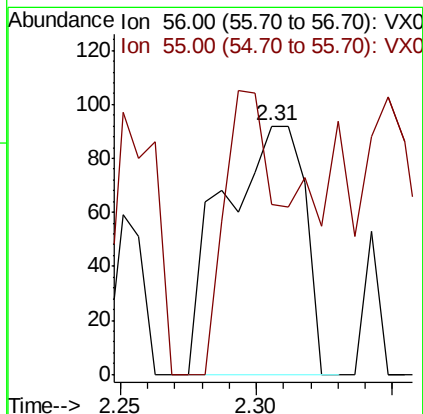
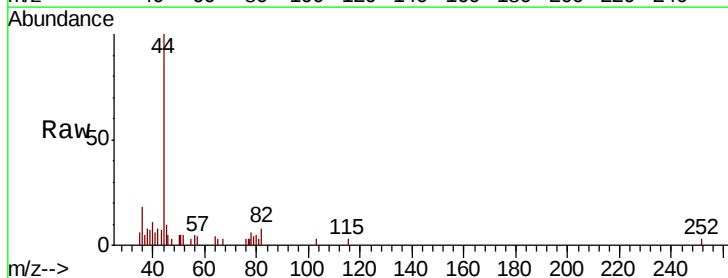
Tot Ion: 59 Resp: 3182
 Ion Ratio Lower Upper
 59 100
 57 4.5 8.6 12.8#

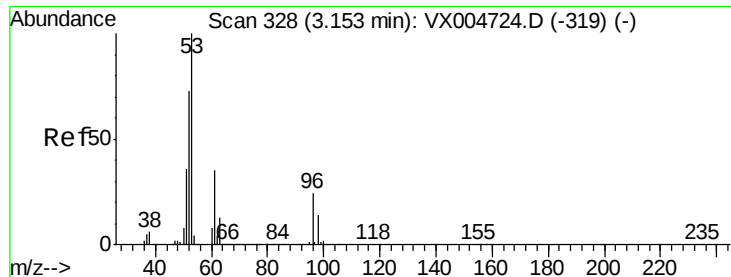


#13

Acrolein
 Concen: 0.296 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX005081.D
 Acq: 05 Oct 2018 21:58

Tgt Ion: 56 Resp: 191
 Ion Ratio Lower Upper
 56 100
 55 74.9 63.4 95.2





#15

Acrylonitrile

Concen: 0.384 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

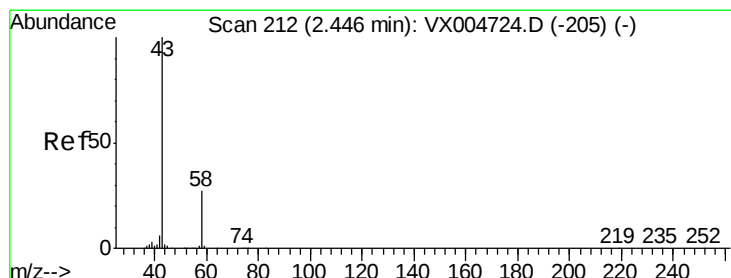
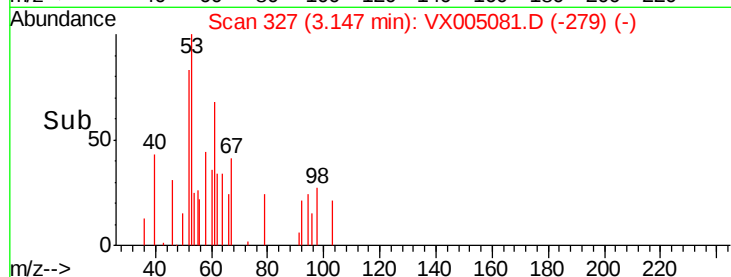
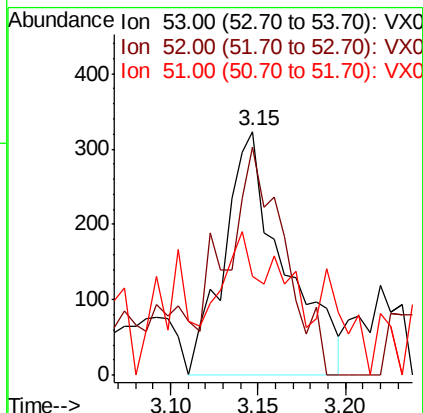
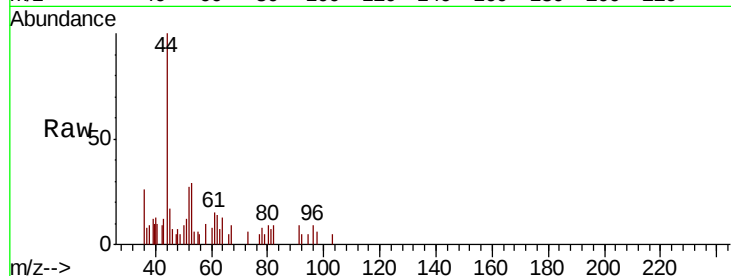
Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

Tot Ion:	53	Resp:	767
Ion	Ratio	Lower	Upper
53	100		
52	90.1	63.0	94.4
51	19.8	28.6	42.8#



#16

Acetone

Concen: 1.177 ug/l

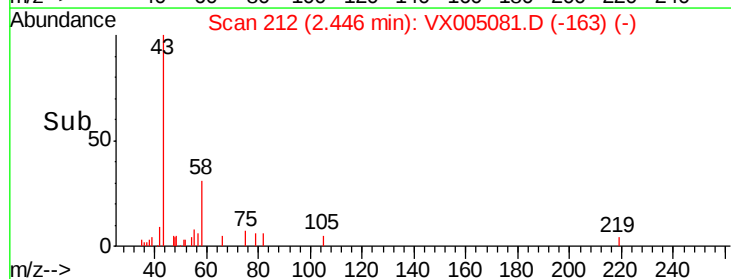
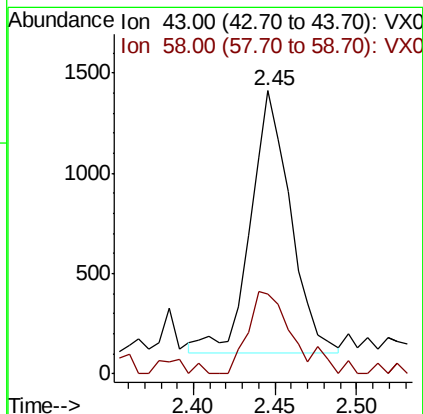
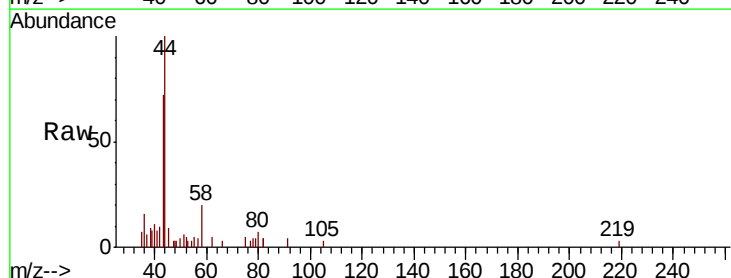
RT: 2.45 min Scan# 212

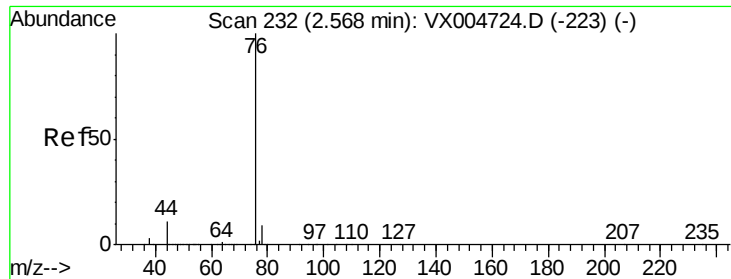
Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Tgt Ion:	43	Resp:	2232
Ion	Ratio	Lower	Upper
43	100		
58	31.4	21.8	32.6

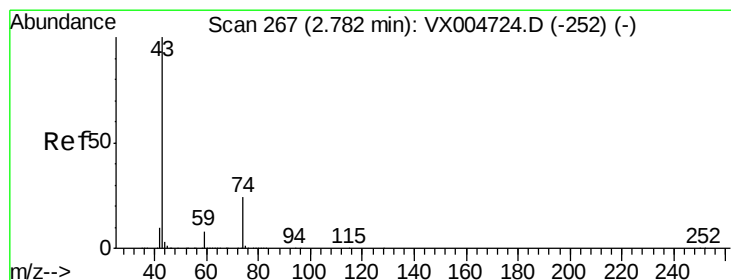
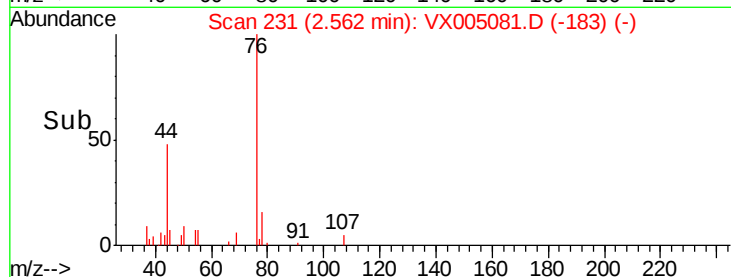
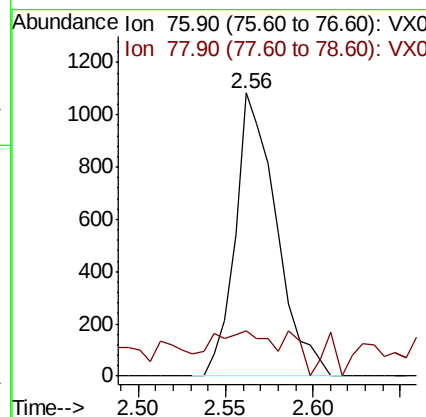
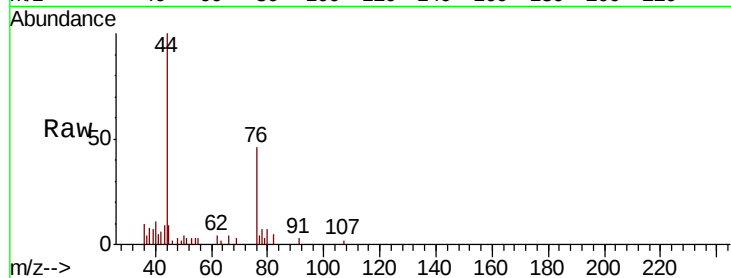




#17
Carbon Disulfide
Concen: 0.240 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX005081.D
Acq: 05 Oct 2018 21:58

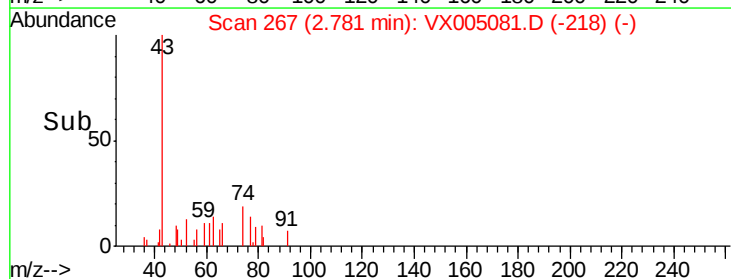
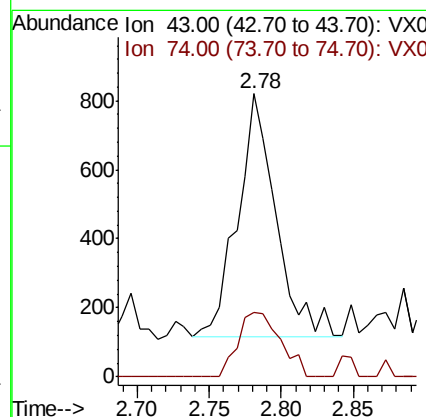
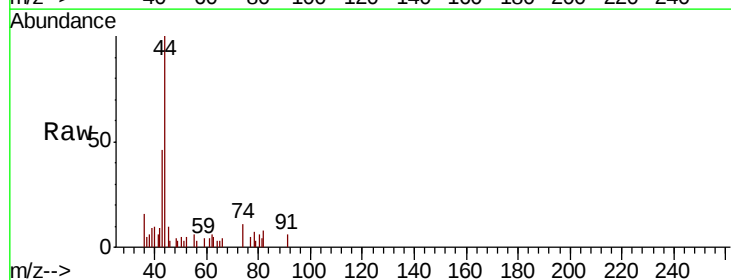
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GWDL

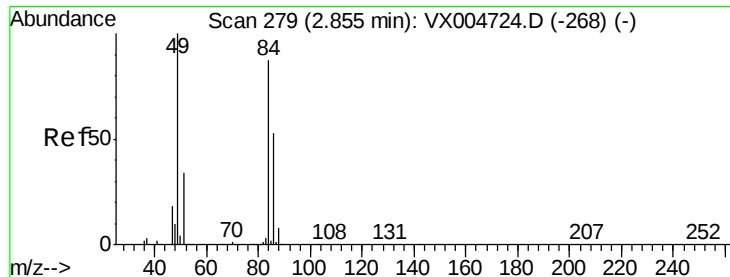
Tot Ion: 76 Resp: 1777
Ion Ratio Lower Upper
76 100
78 15.9 7.0 10.6#



#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005081.D
Acq: 05 Oct 2018 21:58

Tgt Ion: 43 Resp: 1300
Ion Ratio Lower Upper
43 100
74 29.5 17.8 26.8#

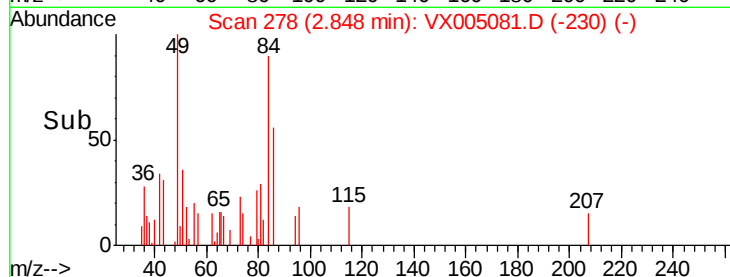
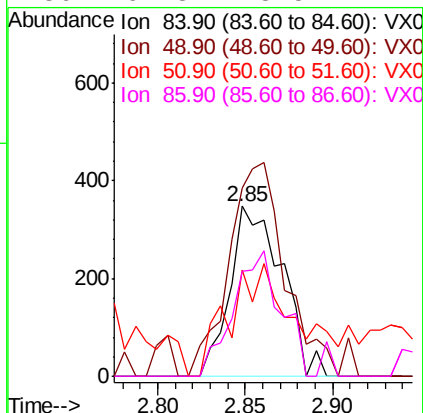
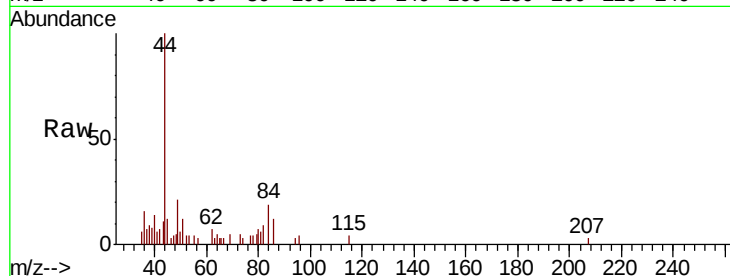




#20
Methvlene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 278
Delta R.T. -0.01 min
Lab File: VX005081.D
Acq: 05 Oct 2018 21:58

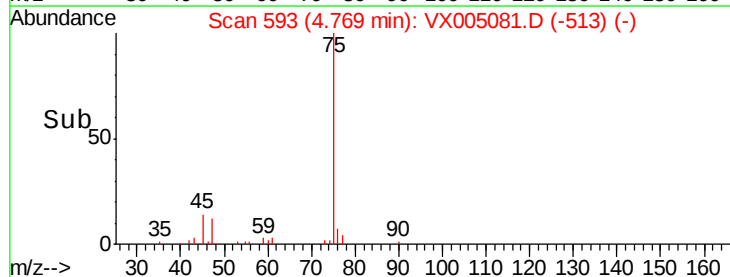
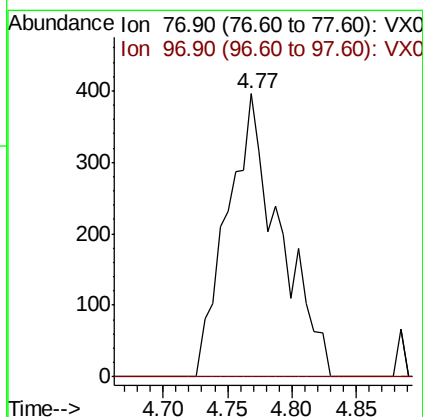
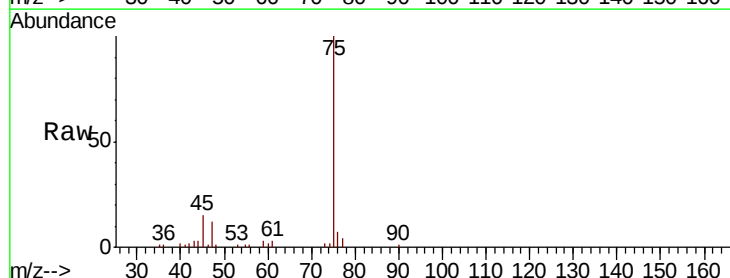
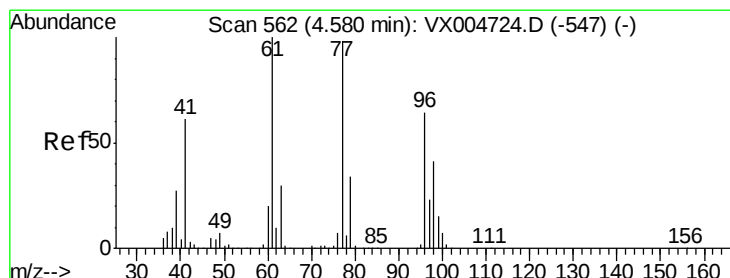
Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GWDL

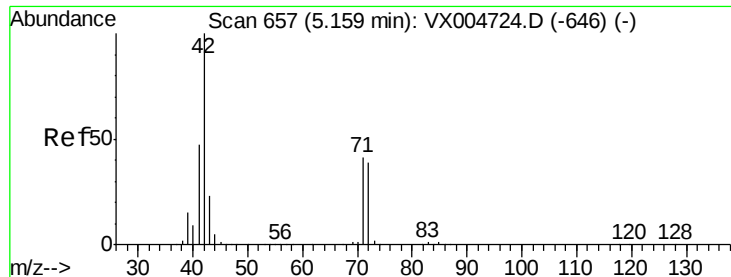
Tot Ion: 84 Resp: 718
Ion Ratio Lower Upper
84 100
49 110.6 92.3 138.5
51 62.6 31.8 47.6#
86 61.8 48.5 72.7



#26
2,2-Dichloropropane
Concen: 0.299 ug/l
RT: 4.77 min Scan# 593
Delta R.T. 0.19 min
Lab File: VX005081.D
Acq: 05 Oct 2018 21:58

Tgt Ion: 77 Resp: 1124
Ion Ratio Lower Upper
77 100
97 0.0 12.6 37.8#





#29

Tetrahydrofuran

Concen: 0.230 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

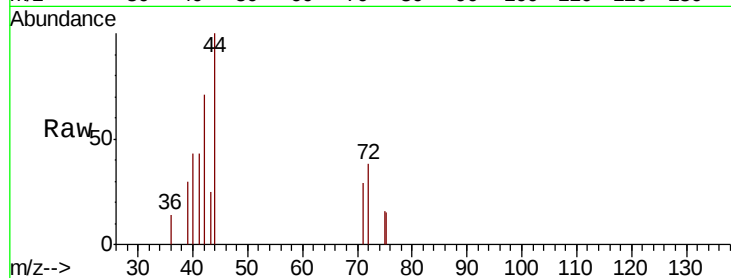
Tot Ion: 42 Resp: 399

Ion Ratio Lower Upper

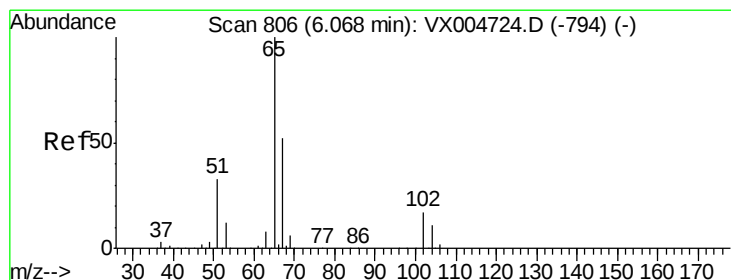
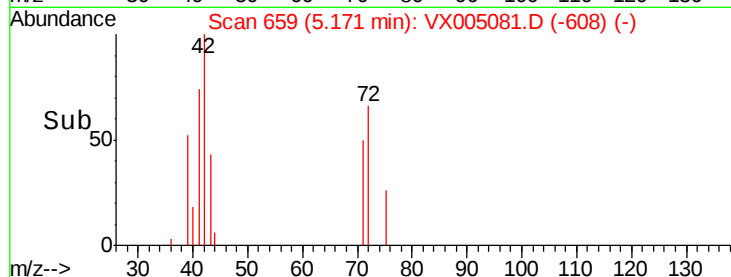
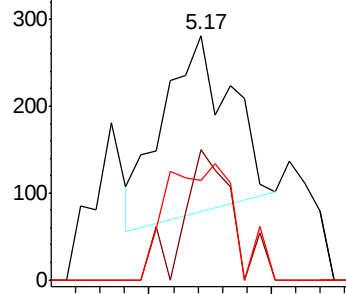
42 100

72 52.9 33.7 50.5#

71 66.2 32.2 48.4#



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: 50.084 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005081.D

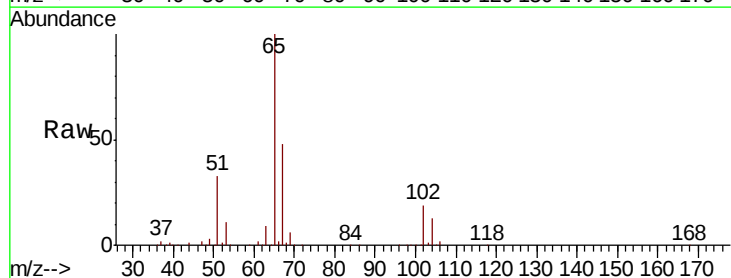
Acq: 05 Oct 2018 21:58

Tgt Ion: 65 Resp: 162631

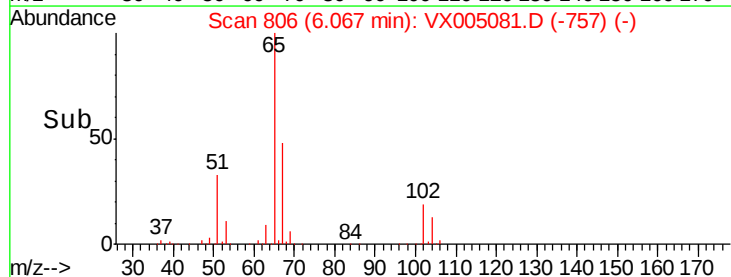
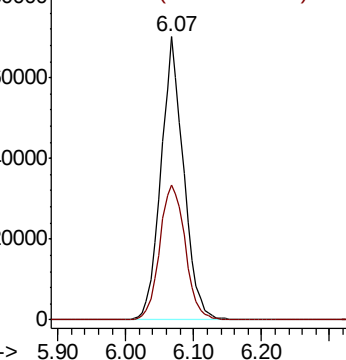
Ion Ratio Lower Upper

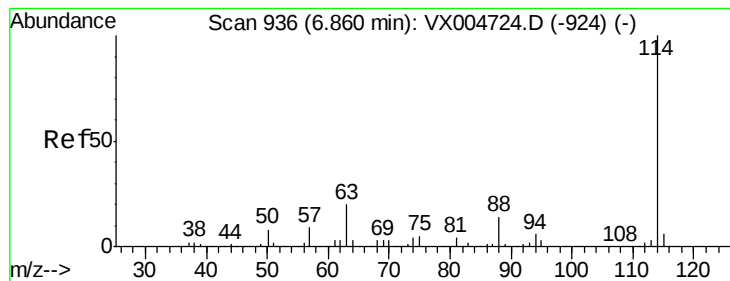
65 100

67 53.5 0.0 107.4



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: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

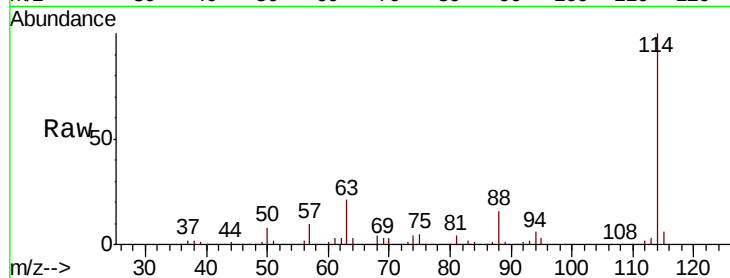
Tot Ion:114 Resp: 339799

Ion Ratio Lower Upper

114 100

63 21.1 0.0 39.8

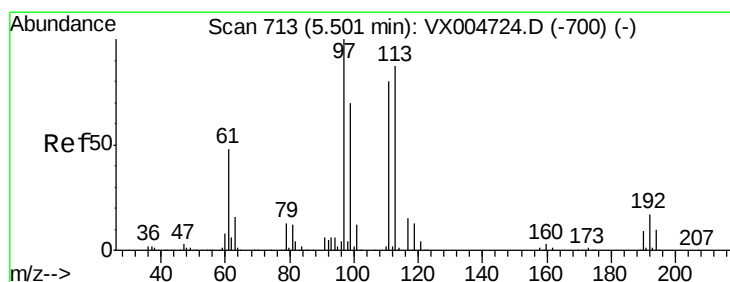
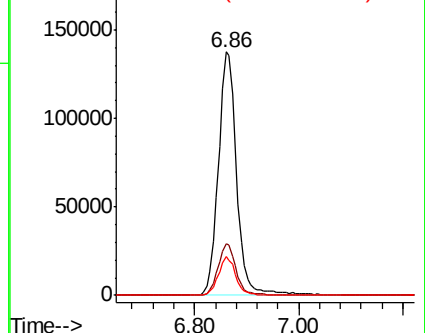
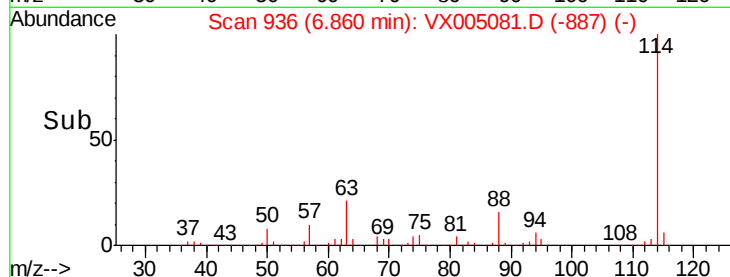
88 15.7 0.0 27.0



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: 49.867 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

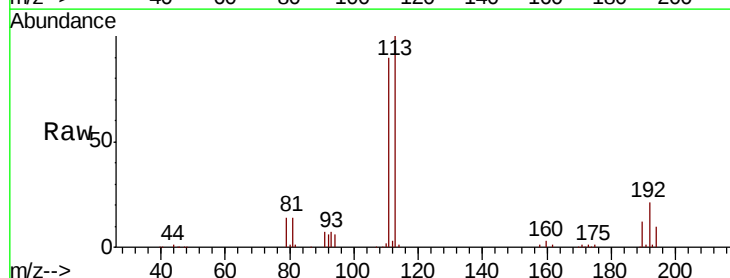
Tgt Ion:113 Resp: 143608

Ion Ratio Lower Upper

113 100

111 100.9 77.0 115.4

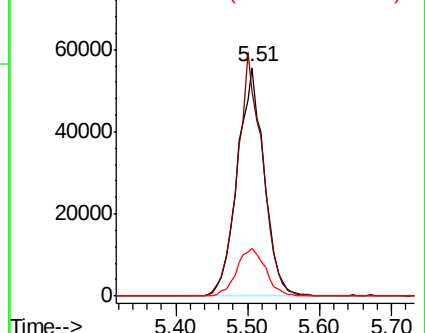
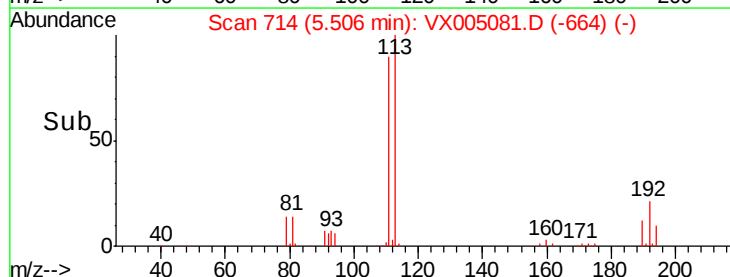
192 22.5 17.0 25.6

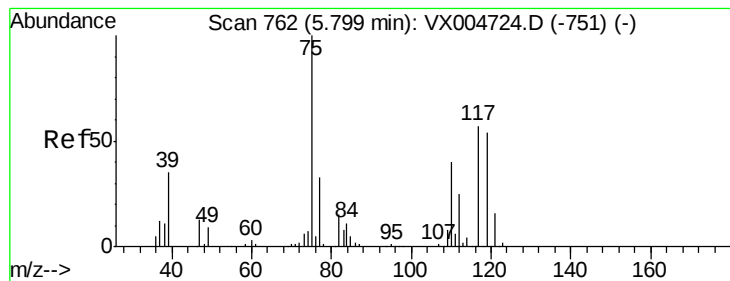


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 3.839 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

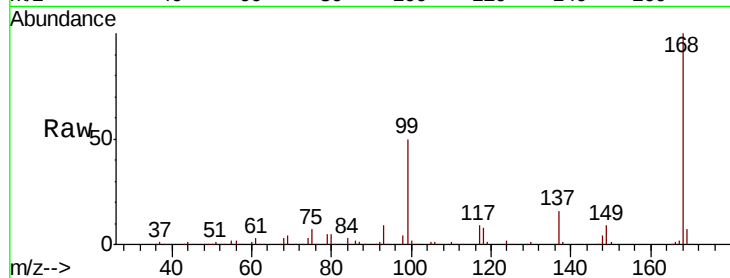
Tot Ion: 75 Resp: 15084

Ion Ratio Lower Upper

75 100

110 10.3 20.0 59.9#

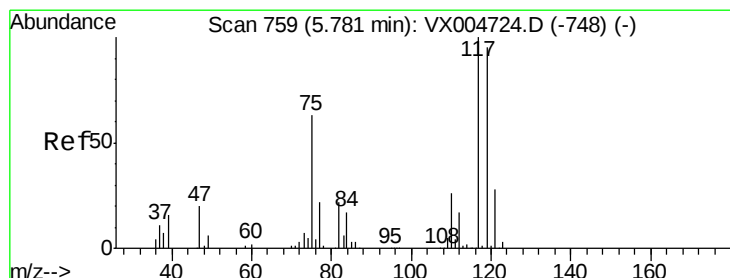
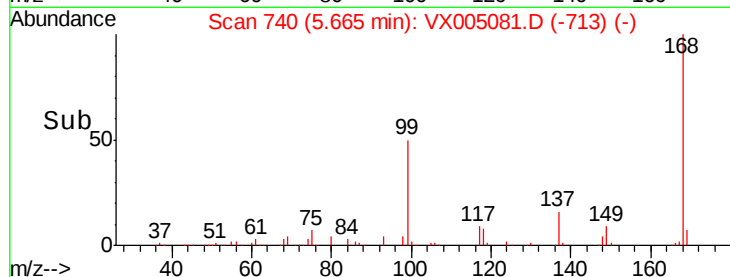
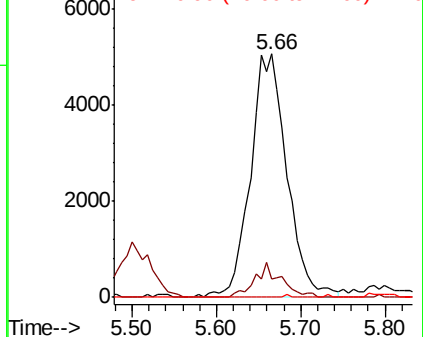
77 0.0 27.1 40.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 4.716 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

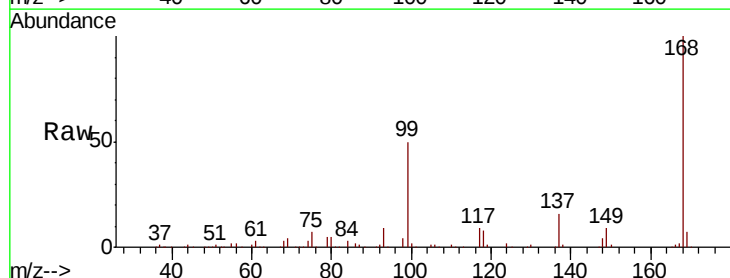
Tgt Ion: 117 Resp: 19477

Ion Ratio Lower Upper

117 100

119 6.2 75.2 112.8#

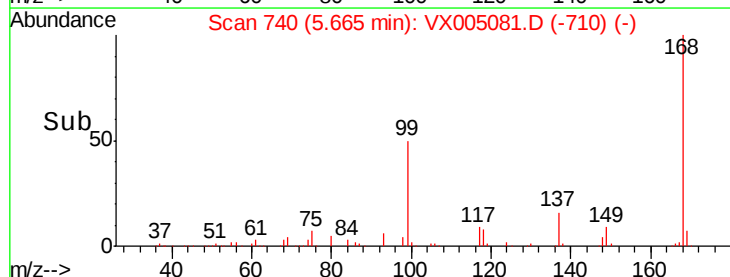
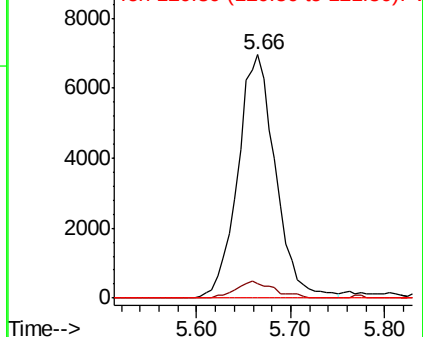
121 0.0 22.5 33.7#

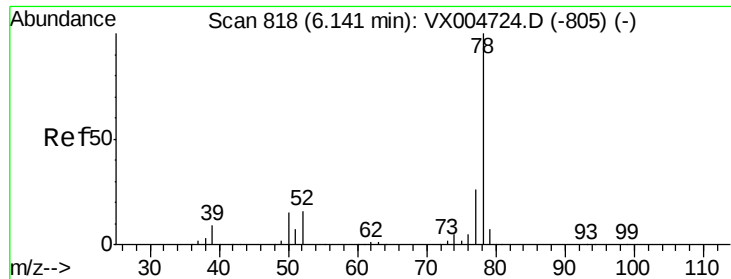


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.713 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

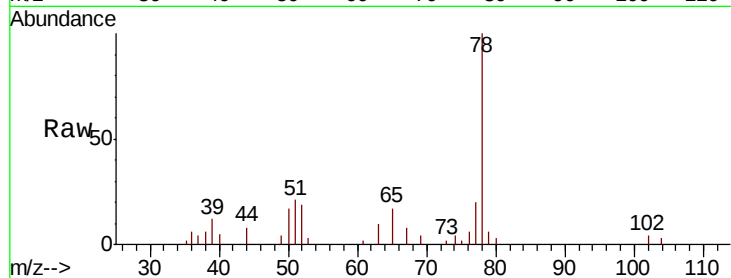
QNWP8-MW30D-GWDL

Tot Ion: 78 Resp: 8775

Ion Ratio Lower Upper

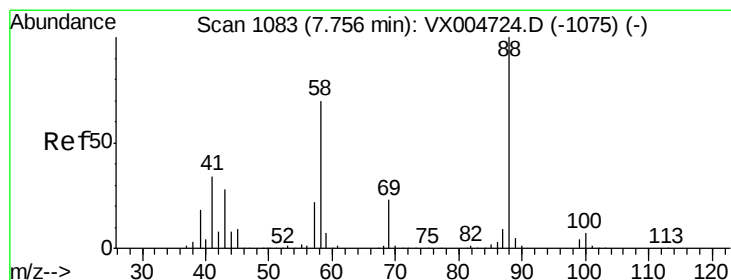
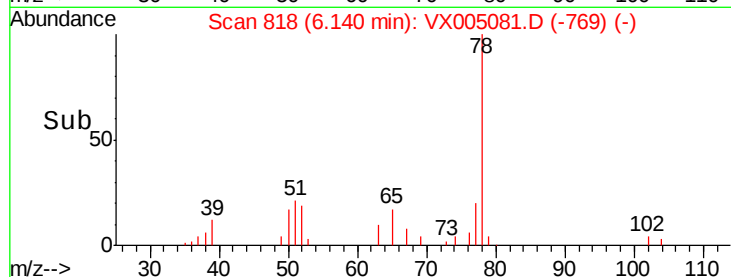
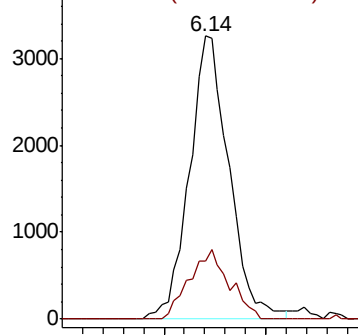
78 100

77 20.5 21.0 31.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#49

1,4-Dioxane

Concen: 0.518 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

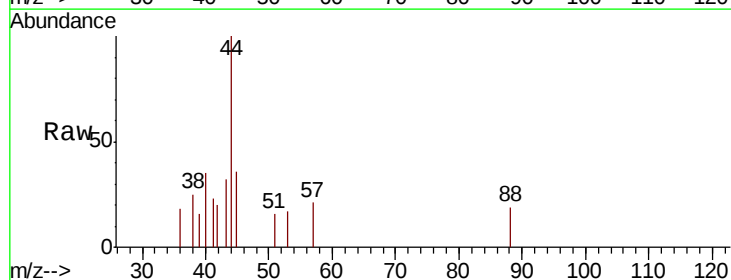
Tgt Ion: 88 Resp: 44

Ion Ratio Lower Upper

88 100

43 190.9 25.1 37.7#

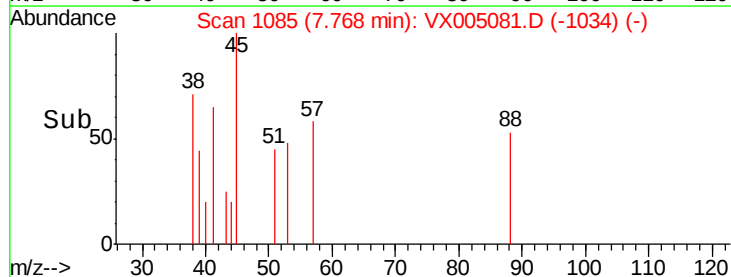
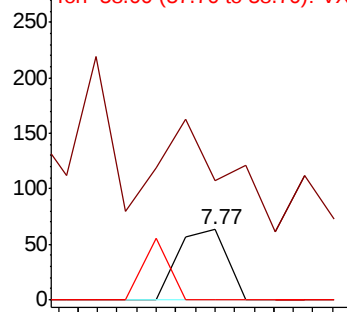
58 45.5 56.2 84.2#

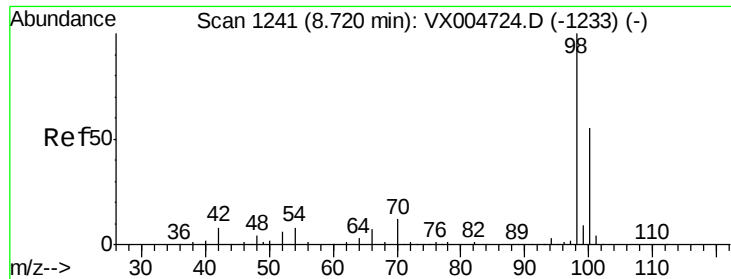


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#50

Toluene-d8

Concen: 50.914 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

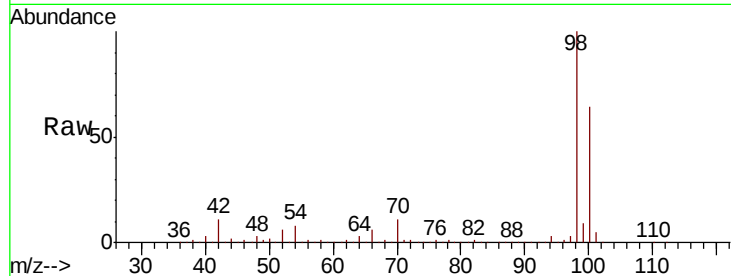
QNWP8-MW30D-GWDL

Tot Ion: 98 Resp: 487451

Ion Ratio Lower Upper

98 100

100 63.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.72

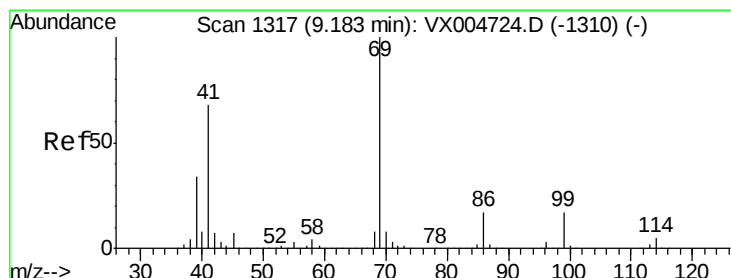
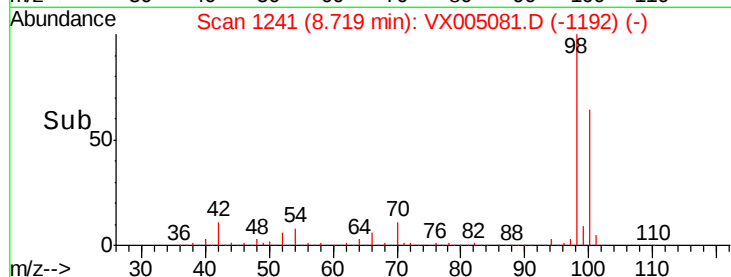
300000

200000

100000

0

Time-->



#56

Ethyl methacrylate

Concen: 2.867 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

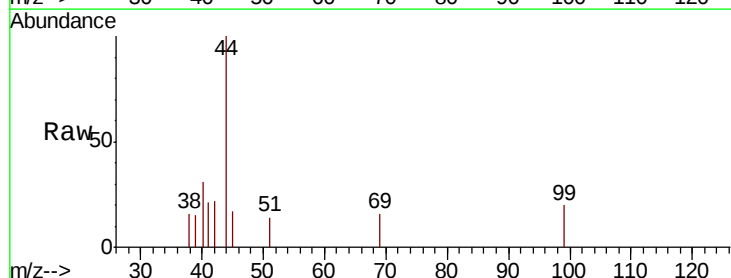
Tgt Ion: 69 Resp: 23

Ion Ratio Lower Upper

69 100

41 0.0 56.9 85.3#

39 413.0 28.4 42.6#



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

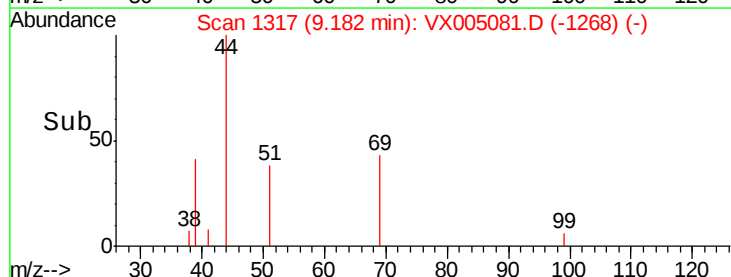
150

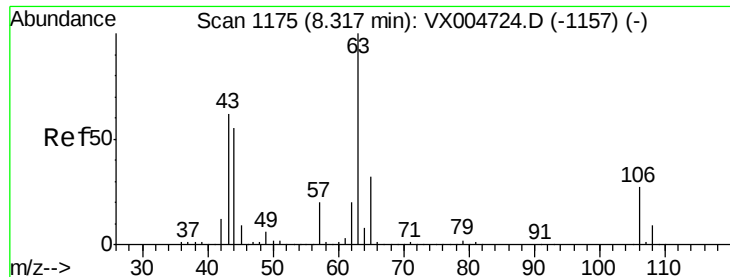
100

50

0

Time-->

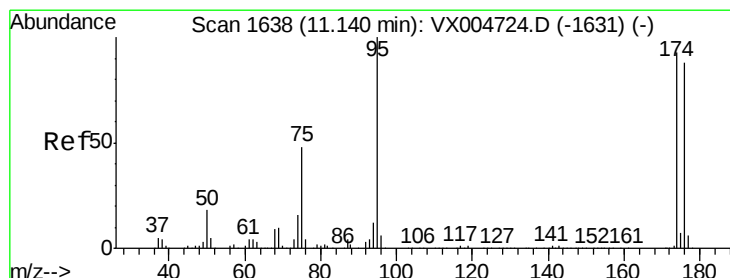
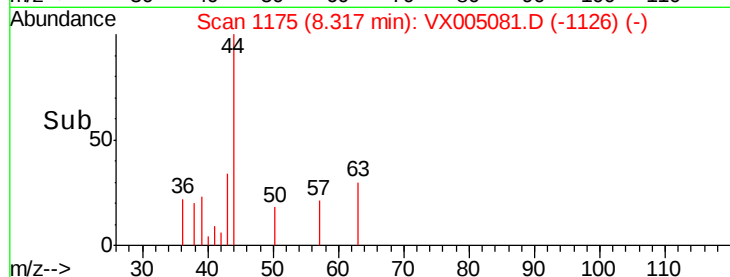
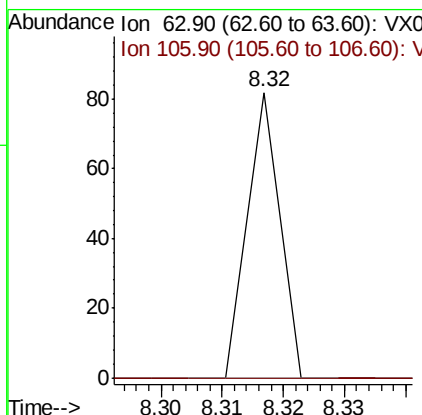
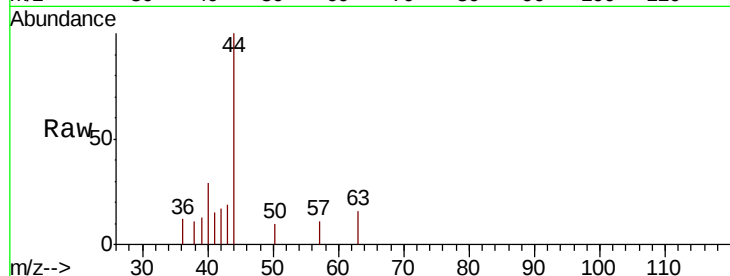




#58
 2-Chloroethyl Vinyl ether
 Concen: 14.253 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX005081.D
 Acq: 05 Oct 2018 21:58

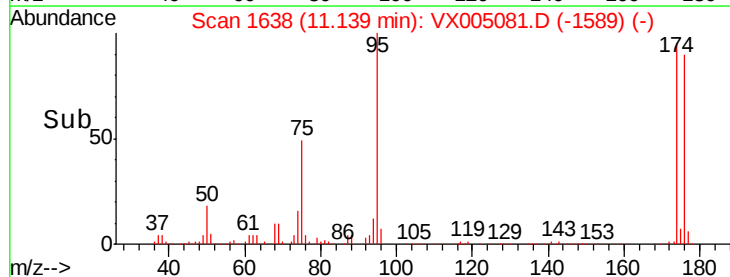
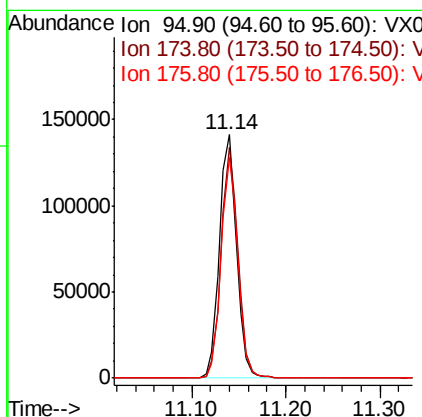
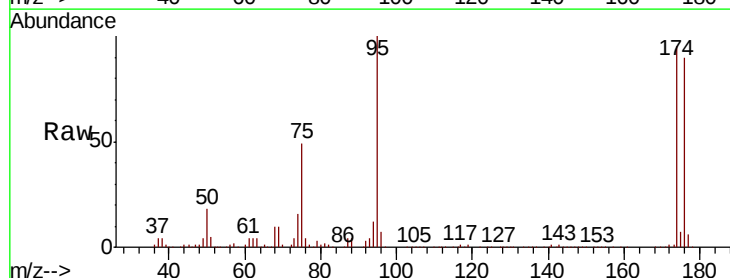
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GWDL

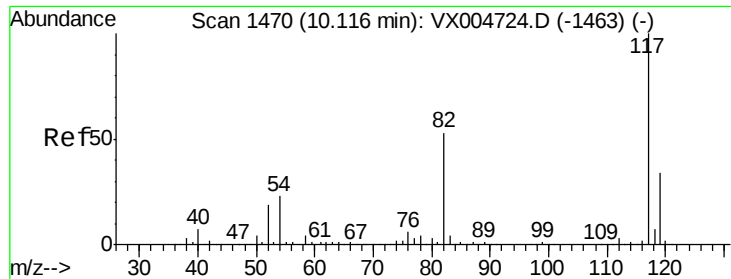
Tot Ion: 63 Resp: 30
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.0 31.6#



#62
 4-Bromofluorobenzene
 Concen: 52.096 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: VX005081.D
 Acq: 05 Oct 2018 21:58

Tgt Ion: 95 Resp: 179683
 Ion Ratio Lower Upper
 95 100
 174 93.2 0.0 185.0
 176 88.9 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

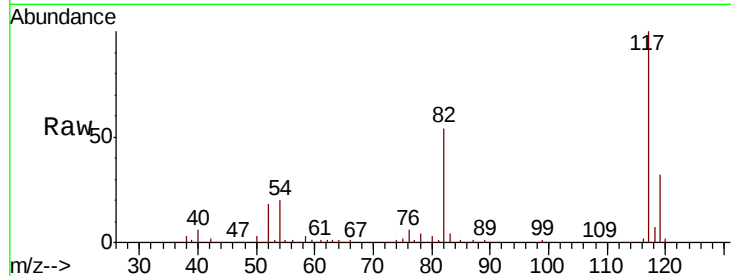
Tot Ion:117 Resp: 330830

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

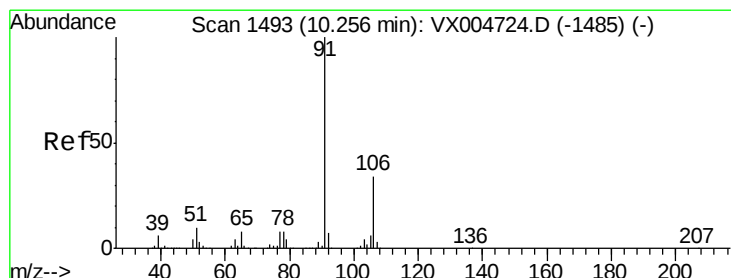
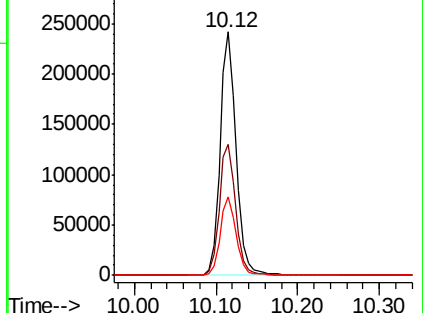
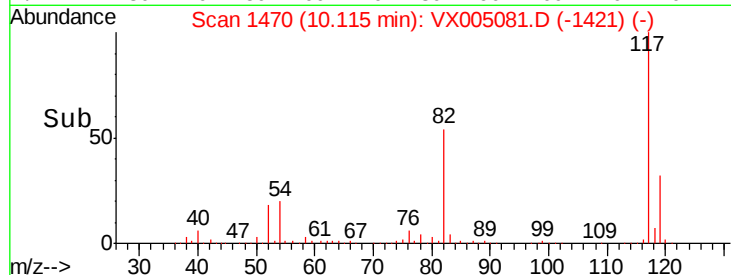
119 32.4 27.4 41.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#67

Ethyl Benzene

Concen: 1.922 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.10 min

Lab File: VX005081.D

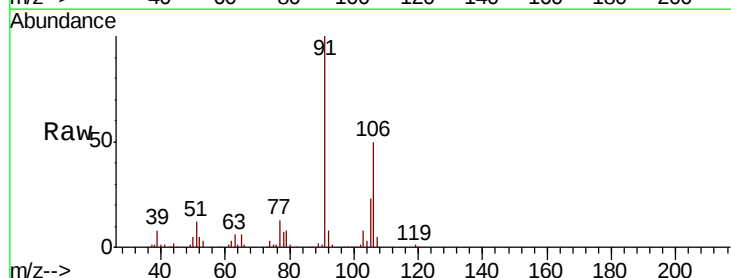
Acq: 05 Oct 2018 21:58

Tgt Ion: 91 Resp: 25880

Ion Ratio Lower Upper

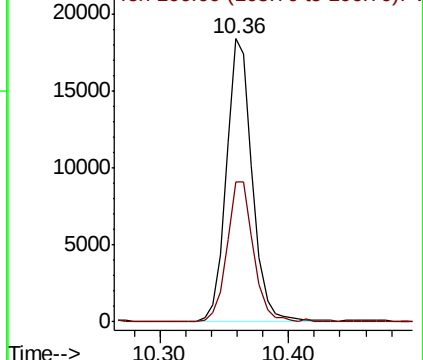
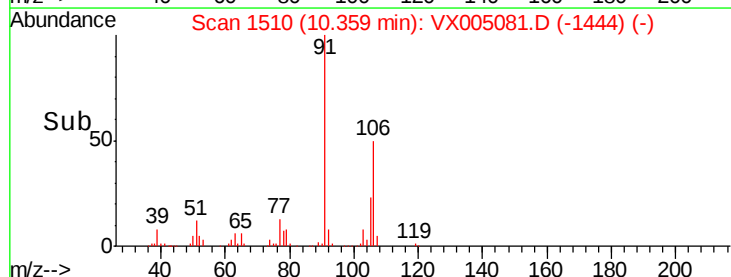
91 100

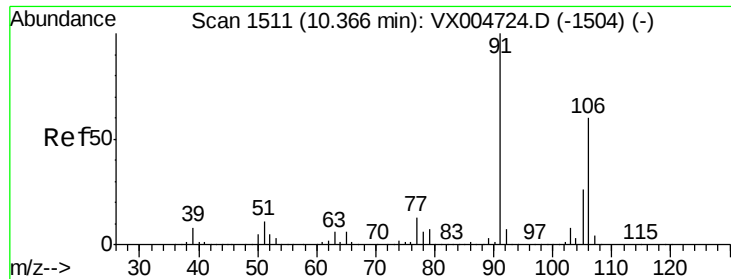
106 49.7 26.9 40.3#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

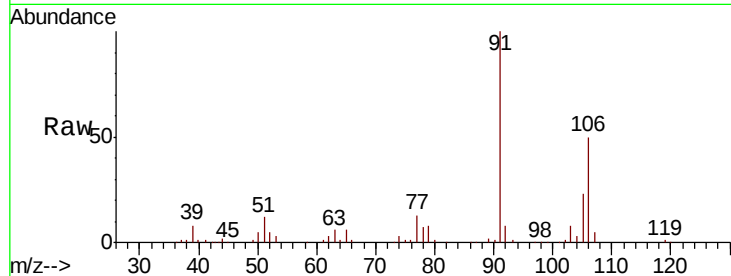




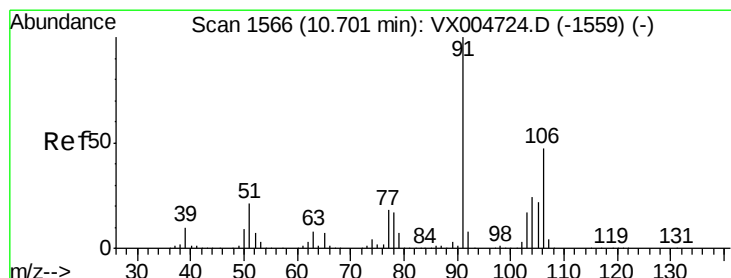
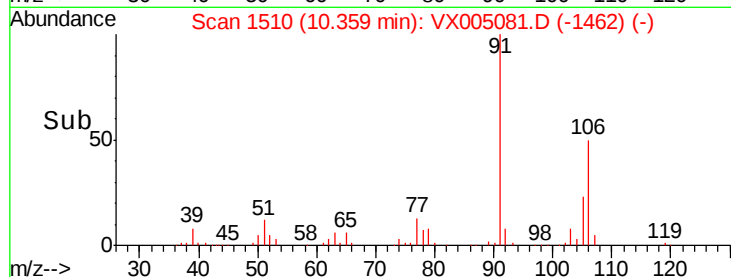
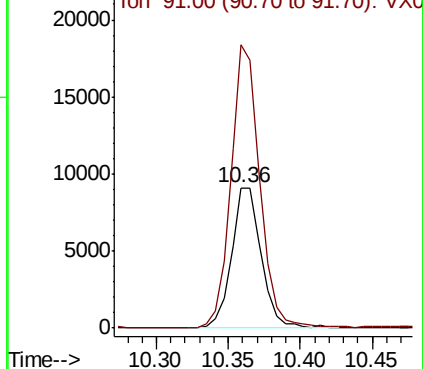
#68
m/p-Xylenes
Concen: 2.504 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX005081.D
Acq: 05 Oct 2018 21:58

Instrument :
MSVOA_X
ClientSampleId :
QNWP8-MW30D-GWDL

Tot Ion:106 Resp: 13179
Ion Ratio Lower Upper
106 100
91 196.4 157.5 236.3

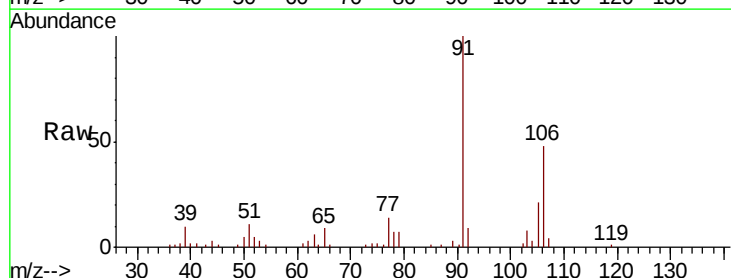


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

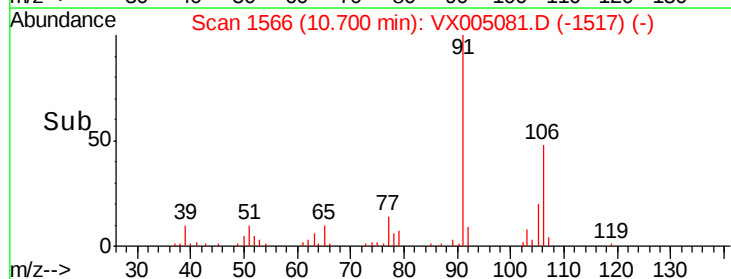
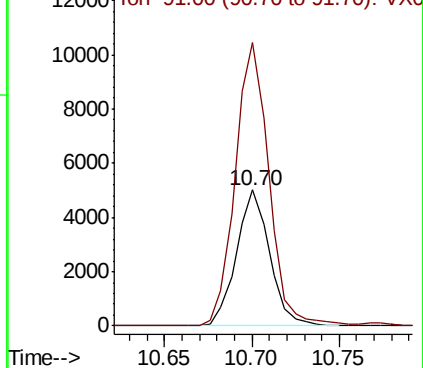


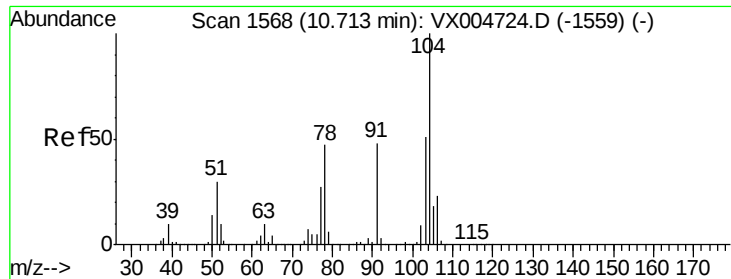
#69
o-Xylene
Concen: 1.364 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005081.D
Acq: 05 Oct 2018 21:58

Tgt Ion:106 Resp: 6594
Ion Ratio Lower Upper
106 100
91 211.3 108.3 324.8



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





#70

Stvrene

Concen: 2.220 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

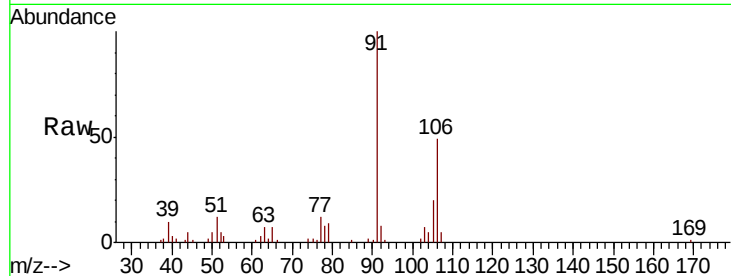
Tot Ion:104 Resp: 751

Ion Ratio Lower Upper

104 100

78 157.5 40.0 60.0#

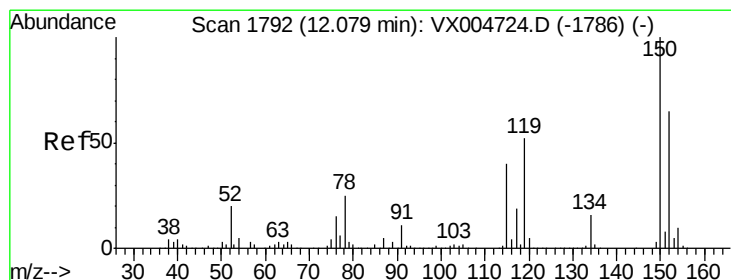
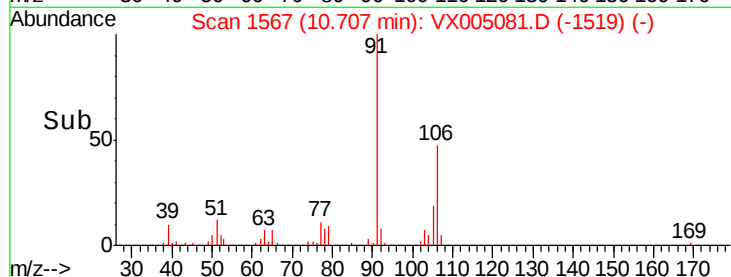
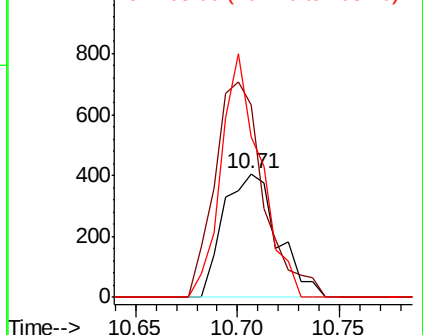
103 141.3 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

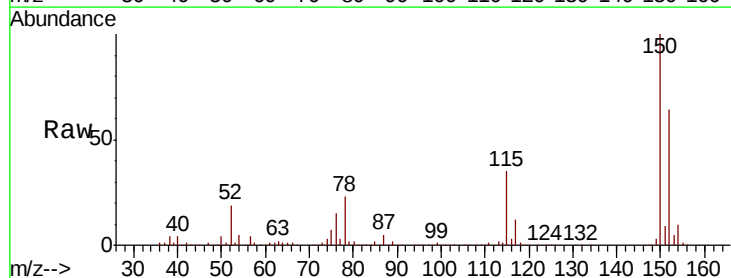
Tgt Ion:152 Resp: 192606

Ion Ratio Lower Upper

152 100

115 55.0 40.2 120.6

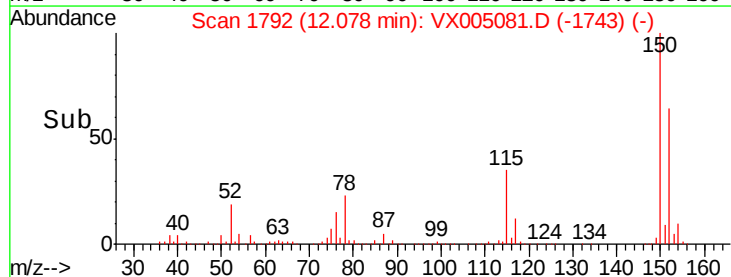
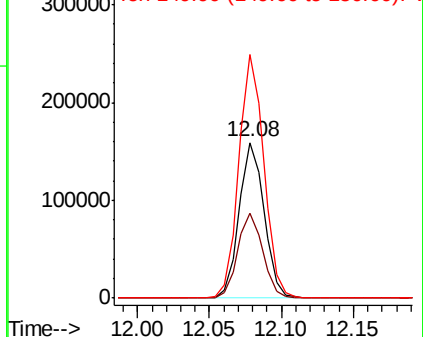
150 156.7 0.0 351.0

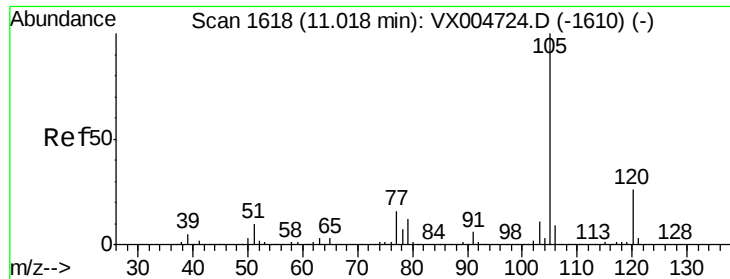


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.355 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

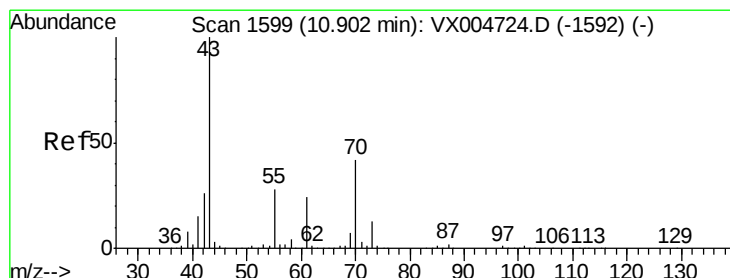
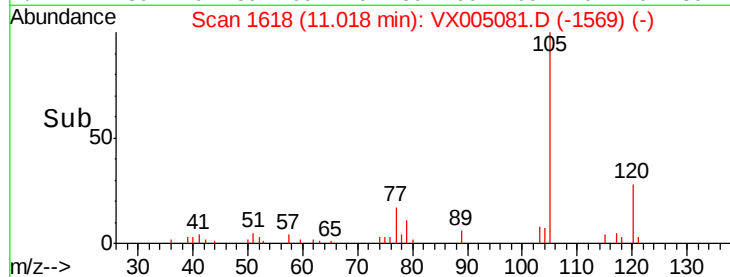
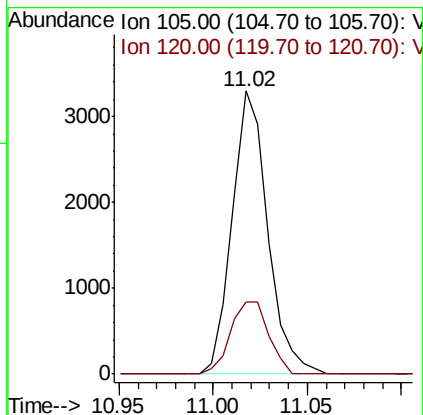
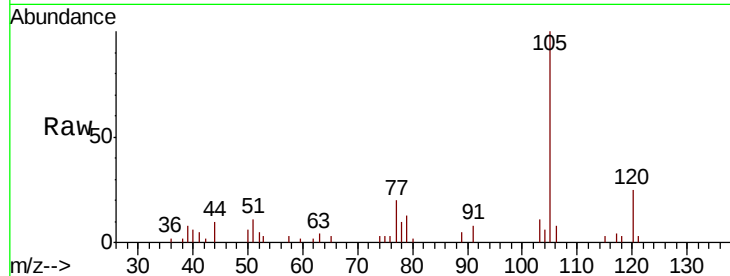
QNWP8-MW30D-GWDL

Tot Ion: 105 Resp: 4306

Ion Ratio Lower Upper

105 100

120 27.6 13.2 39.5



#74

N-ethyl acetate

Concen: 1.783 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Tgt Ion: 43 Resp: 241

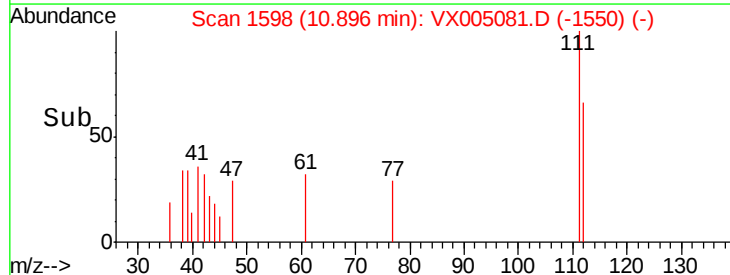
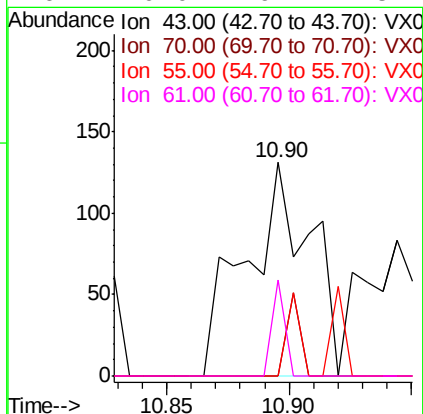
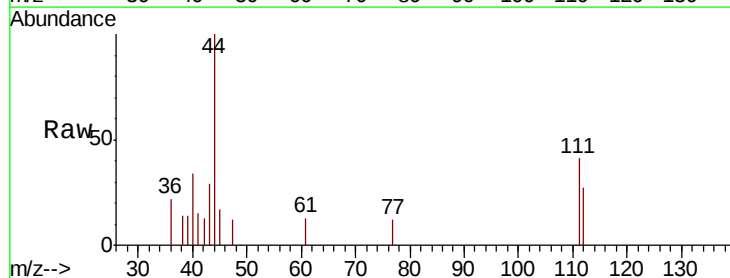
Ion Ratio Lower Upper

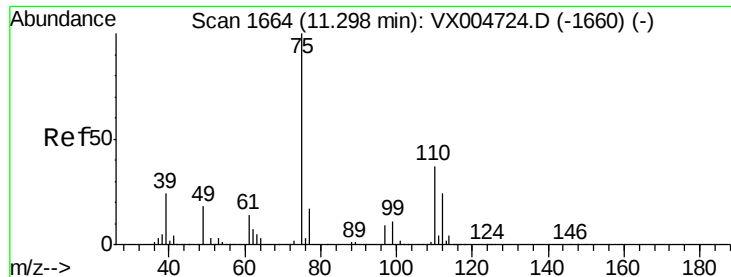
43 100

70 0.0 32.6 48.8#

55 7.9 21.6 32.4#

61 0.0 19.1 28.7#





#76

1,2,3-Trichloropropane

Concen: 20.398 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

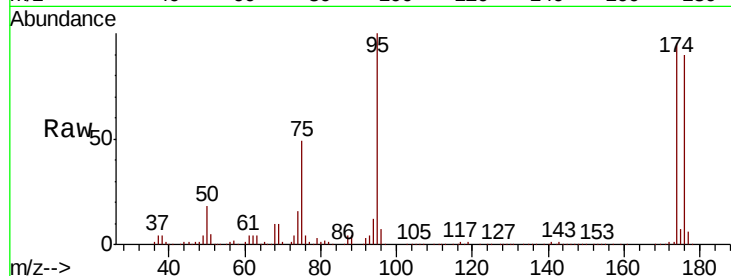
QNWP8-MW30D-GWDL

Tot Ion: 75 Resp: 88058

Ion Ratio Lower Upper

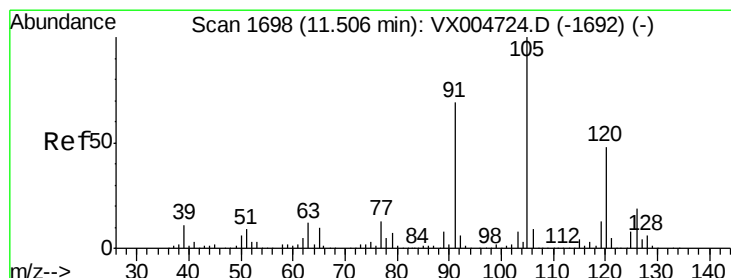
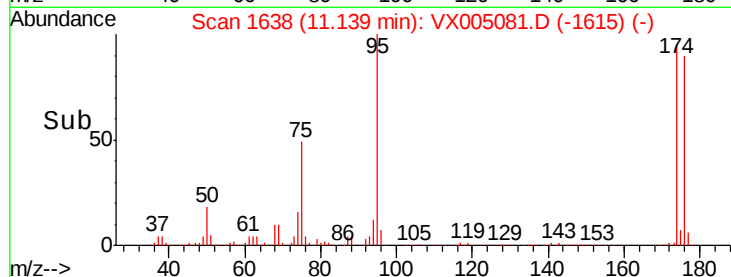
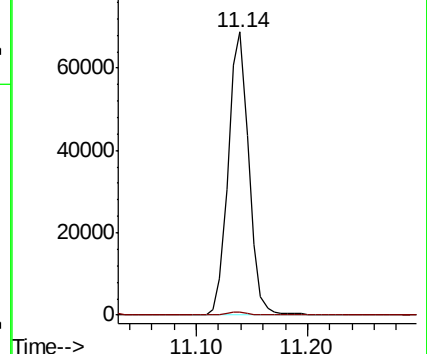
75 100

77 1.4 21.4 64.3#



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: 0.726 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005081.D

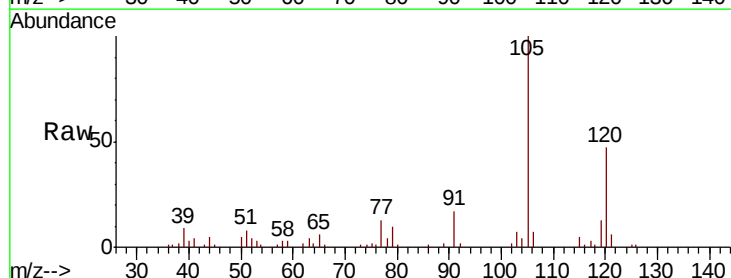
Acq: 05 Oct 2018 21:58

Tgt Ion: 105 Resp: 10242

Ion Ratio Lower Upper

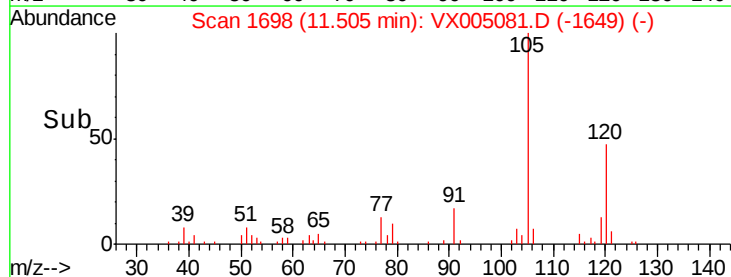
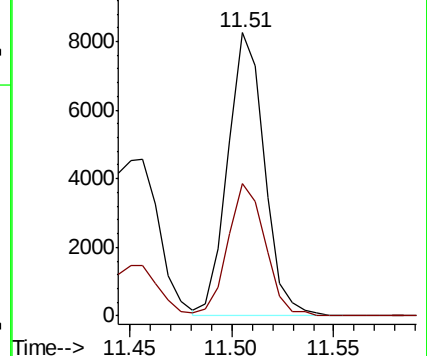
105 100

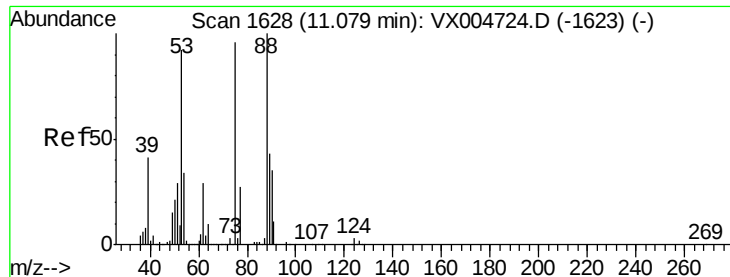
120 47.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 55.409 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

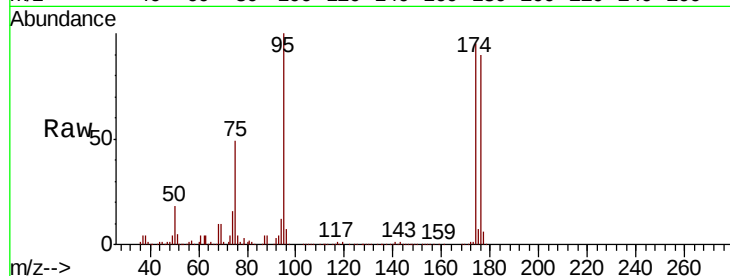
Tot Ion: 75 Resp: 88058

Ion Ratio Lower Upper

75 100

53 0.2 80.2 120.4#

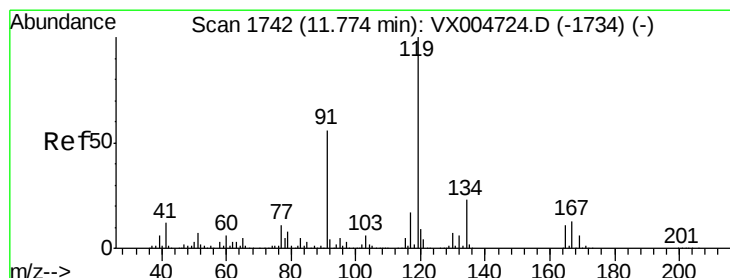
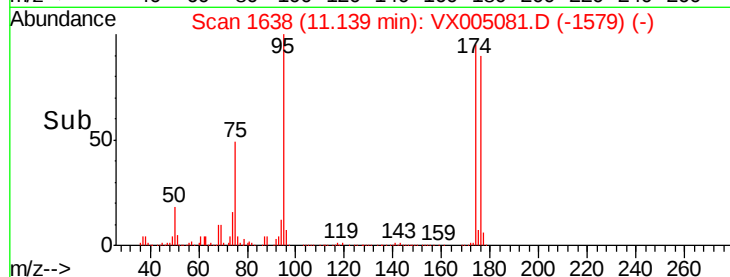
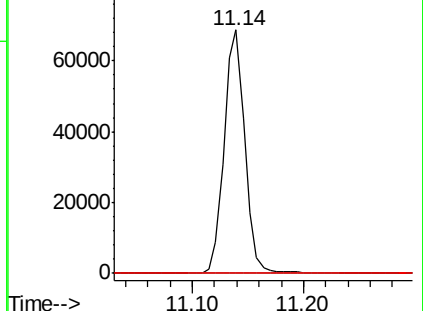
89 0.1 37.1 55.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#83

tert-Butylbenzene

Concen: 0.205 ug/l

RT: 12.02 min Scan# 1782

Delta R.T. 0.24 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

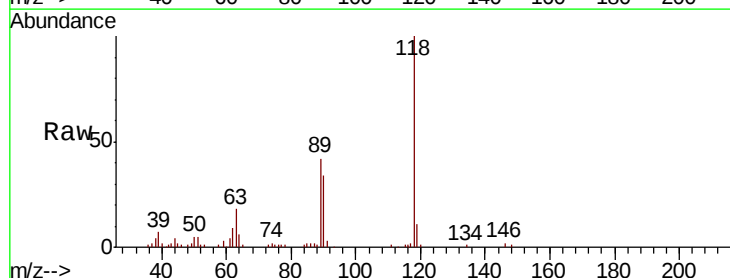
Tgt Ion: 119 Resp: 2047

Ion Ratio Lower Upper

119 100

91 34.9 27.5 82.5

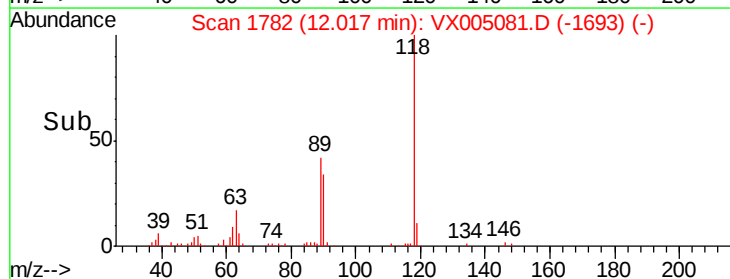
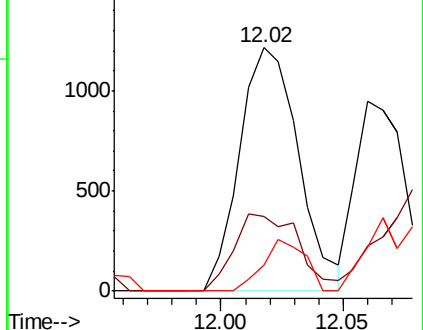
134 15.0 11.5 34.4

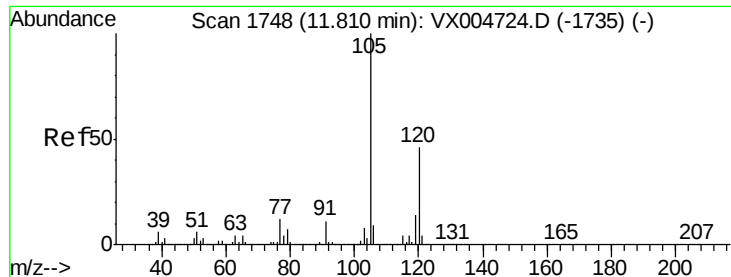


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V

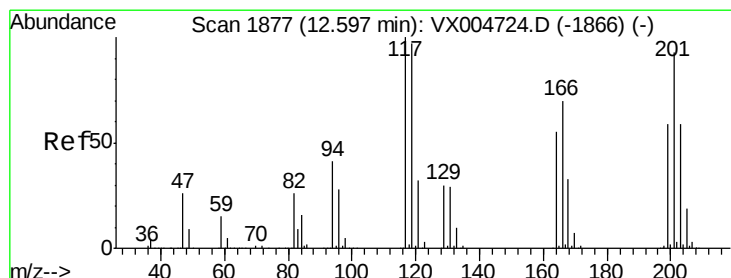
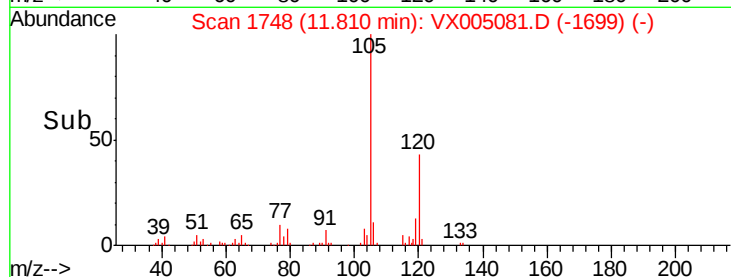
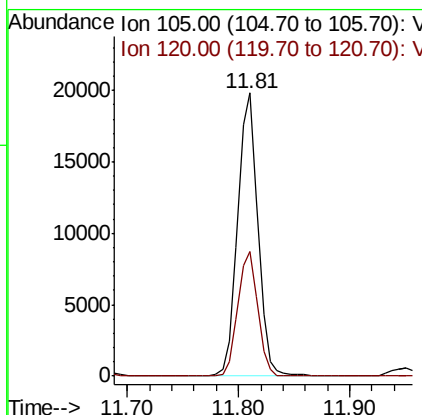
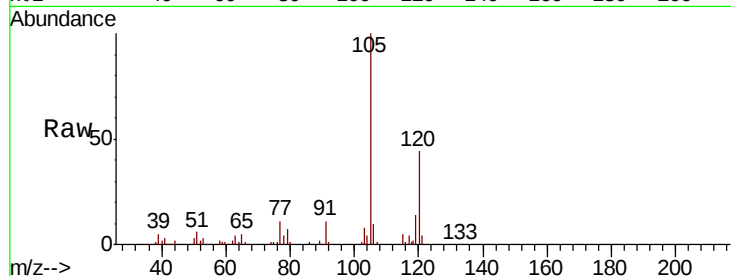




#84
 1,2,4-Trimethylbenzene
 Concen: 1.990 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005081.D
 Acq: 05 Oct 2018 21:58

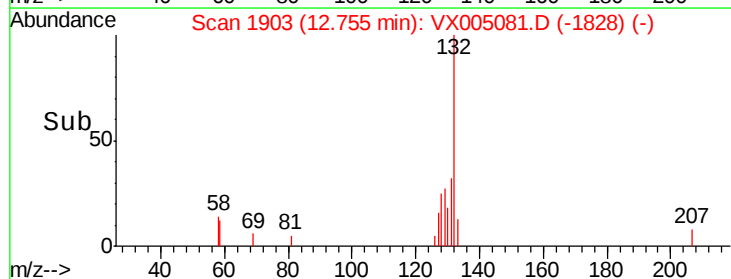
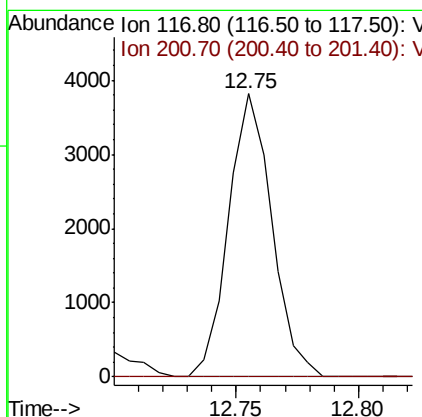
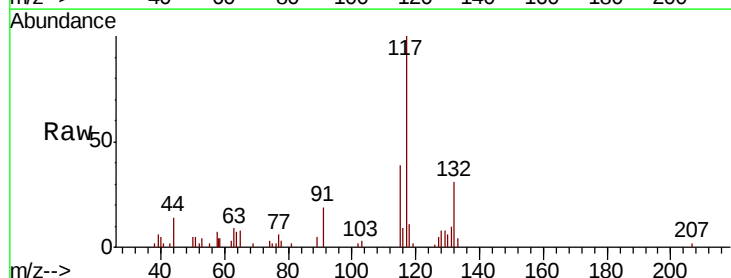
Instrument :
 MSVOA_X
 ClientSampleId :
 QNWP8-MW30D-GWDL

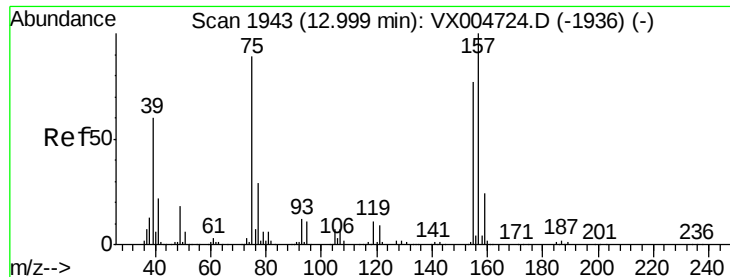
Tot Ion:105 Resp: 25009
 Ion Ratio Lower Upper
 105 100
 120 43.2 22.8 68.3



#90
 Hexachloroethane
 Concen: 2.564 ug/l
 RT: 12.75 min Scan# 1903
 Delta R.T. 0.16 min
 Lab File: VX005081.D
 Acq: 05 Oct 2018 21:58

Tgt Ion:117 Resp: 4709
 Ion Ratio Lower Upper
 117 100
 201 0.0 48.4 145.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.896 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

Instrument :

MSVOA_X

ClientSampleId :

QNWP8-MW30D-GWDL

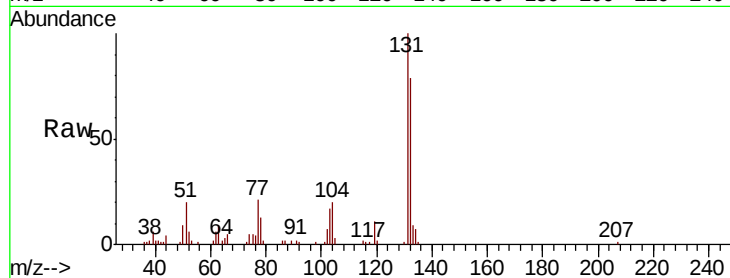
Tot Ion: 75 Resp: 972

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

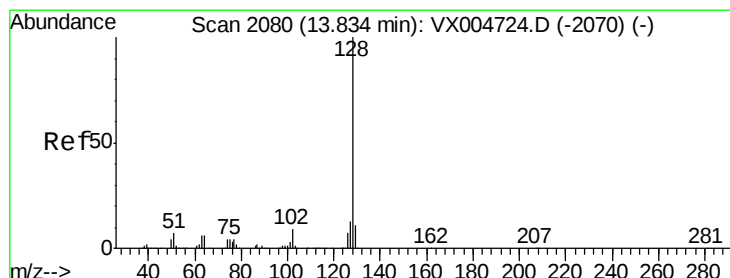
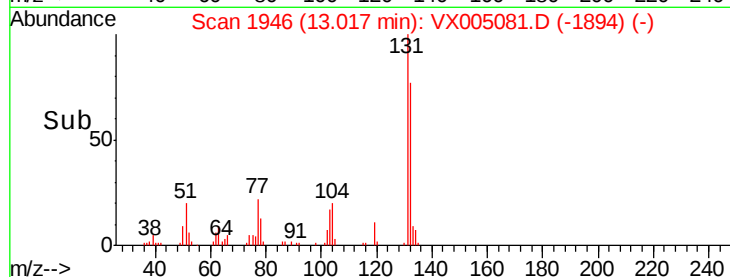
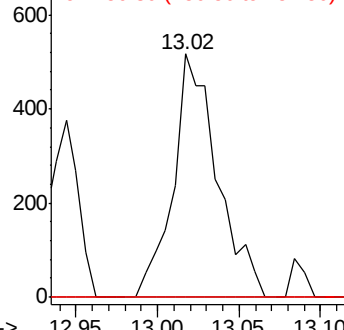
157 0.0 60.2 180.6#



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: 19.946 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005081.D

Acq: 05 Oct 2018 21:58

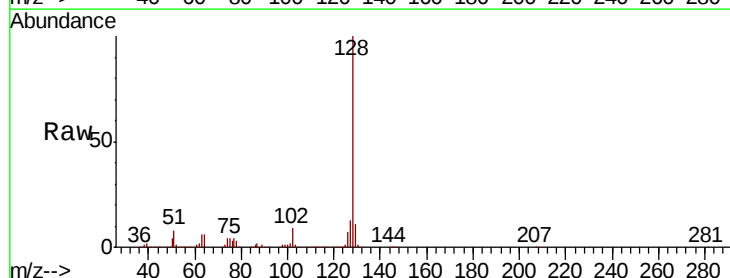
Tgt Ion: 128 Resp: 312525

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

