

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006280.D
 Acq On : 04 Dec 2018 16:01
 Operator : JC/MD
 Sample : J6141-01DL 400X
 Misc : 1.00µg/10mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GDDL

Quant Time: Dec 05 00:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	848725	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1305301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1185943	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	598774	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	423594	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	408022	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
50) Toluene-d8	8.71	98	1526616	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	11.13	95	564629	48.74	ug/l	0.00
Spiked Amount			Recovery	=	97.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.68	64	1442	0.256	ug/l #	42
13) Acrolein	2.27	56	12310	9.505	ug/l #	1
14) Allyl chloride	2.85	41	81471	5.370	ug/l #	80
15) Acrylonitrile	3.17	53	16282	3.293	ug/l #	39
16) Acetone	2.40	43	62125	15.279	ug/l #	53
18) Methyl Acetate	2.84	43	191388	14.075	ug/l #	54
23) Vinyl Acetate	3.75	43	4691	0.232	ug/l #	79
31) Cyclohexane	5.58	56	285337	22.796	ug/l	98
36) 1,1-Dichloropropene	5.66	75	51617	4.696	ug/l #	49
38) Carbon Tetrachloride	5.66	117	76789	5.938	ug/l #	16
39) Methylcyclohexane	7.46	83	369093	25.869	ug/l	97
40) Benzene	6.15	78	416806	12.660	ug/l	95
42) 1,2-Dichloroethane	6.15	62	3718	0.345	ug/l #	73
43) Isopropyl Acetate	6.46	43	8451	0.412	ug/l #	64
45) 1,2-Dichloropropane	7.47	63	3129	0.374	ug/l #	1
47) Bromodichloromethane	7.84	83	3927	0.336	ug/l #	41
48) Methyl methacrylate	7.73	41	30674	3.072	ug/l #	46
49) 1,4-Dioxane	7.73	88	52	0.211	ug/l #	1
51) 4-Methyl-2-Pentanone	8.67	43	16226	1.358	ug/l #	61
52) Toluene	8.79	92	1724223	79.607	ug/l	99
53) t-1,3-Dichloropropene	8.78	75	17939	1.311	ug/l #	1
55) 1,1,2-Trichloroethane	9.16	97	47255	5.370	ug/l #	19
56) Ethyl methacrylate	9.16	69	11574	0.841	ug/l #	29
64) Tetrachloroethene	9.34	164	2115	0.237	ug/l #	86
67) Ethyl Benzene	10.25	91	779409	18.615	ug/l	100
68) m/p-Xylenes	10.36	106	1048187	62.495	ug/l	100
69) o-Xylene	10.70	106	394350	23.803	ug/l	98
70) Styrene	10.70	104	19125	0.714	ug/l #	1
73) Isopropylbenzene	11.02	105	70106	1.695	ug/l	99
74) N-amyl acetate	10.91	43	3630	0.204	ug/l #	1
76) 1,2,3-Trichloropropane	11.43	75	8669	0.750	ug/l #	1
78) n-propylbenzene	11.36	91	264508	5.755	ug/l	100
79) 2-Chlorotoluene	11.43	91	122521	4.485	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.51	105	284004	8.255	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120418\
 Data File : VX006280.D
 Acq On : 04 Dec 2018 16:01
 Operator : JC/MD
 Sample : J6141-01DL 400X
 Misc : 1.00g/10mL/100ul/5.00ml/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GDDL

Quant Time: Dec 05 00:30:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

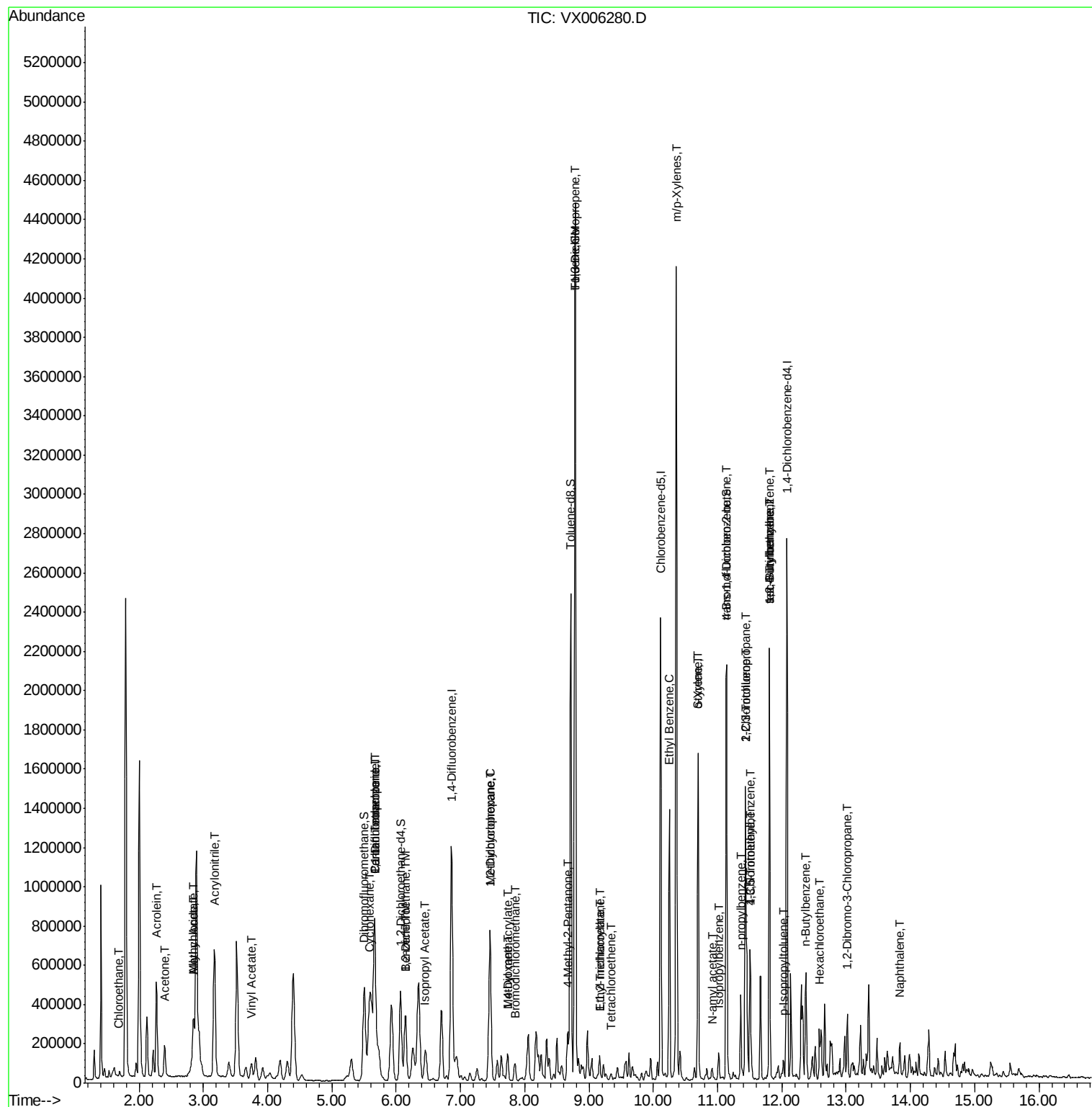
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	11.13	75	255819	51.944	ug/l #	15
82) 4-Chlorotoluene	11.51	91	30703	0.967	ug/l #	44
83) tert-Butylbenzene	11.81	119	124438	3.390	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.80	105	1010598	28.447	ug/l	99
85) sec-Butylbenzene	11.80	105	1010598	24.199	ug/l #	54
86) p-Isopropyltoluene	12.02	119	42419	1.128	ug/l	97
89) n-Butylbenzene	12.38	91	85021	2.650	ug/l #	30
90) Hexachloroethane	12.58	117	10811	1.411	ug/l #	5
92) 1,2-Dibromo-3-Chloropropan	13.02	75	1163	0.343	ug/l #	2
95) Naphthalene	13.83	128	117642	2.558	ug/l	99

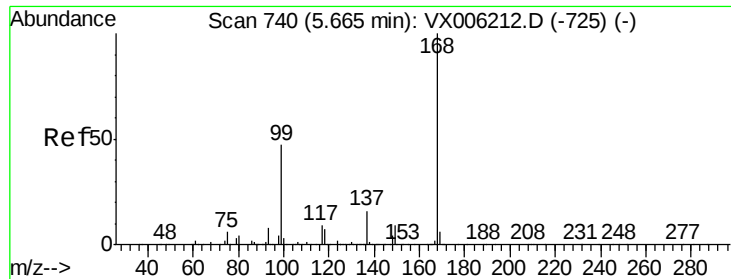
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120418\
Data File : VX006280.D
Acq On : 04 Dec 2018 16:01
Operator : JC/MD
Sample : J6141-01DL 400X
Misc : 1.00µl/10mL/100ul/5.00ml/MSVOA_X/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GDDL

Quant Time: Dec 05 00:30:48 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

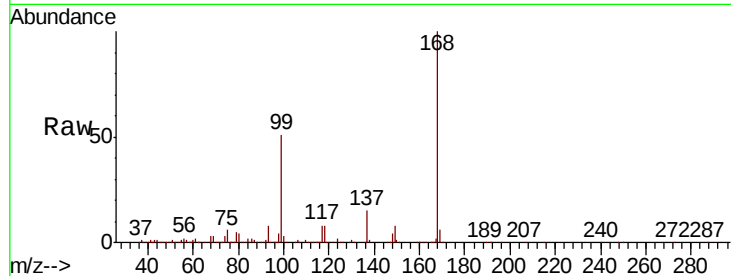
GDDL

Tot Ion:168 Resp: 848725

Ion Ratio Lower Upper

168 100

99 50.6 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

300000

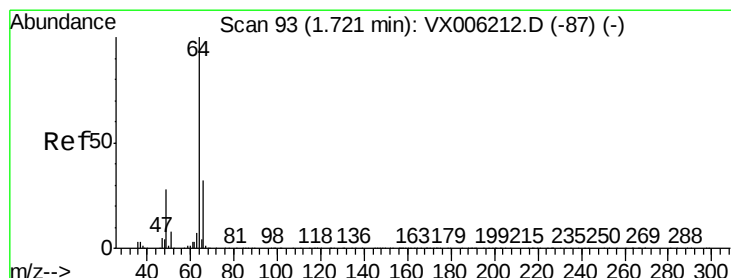
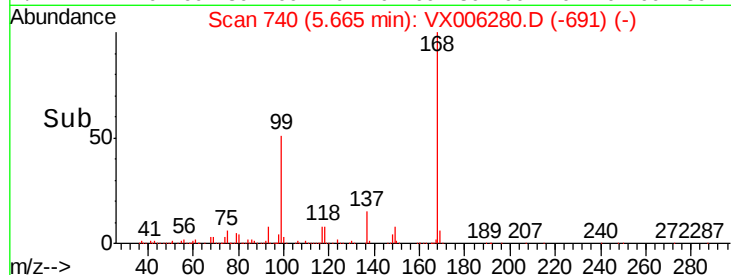
200000

100000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.256 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.04 min

Lab File: VX006280.D

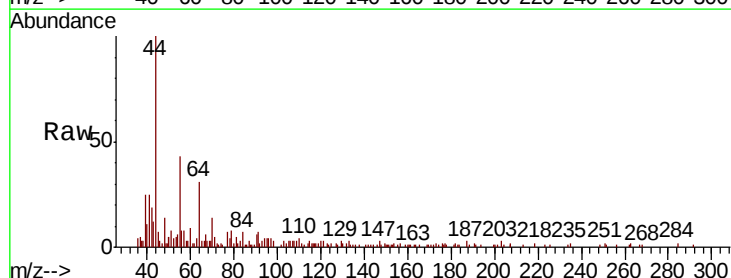
Acq: 04 Dec 2018 16:01

Tgt Ion: 64 Resp: 1442

Ion Ratio Lower Upper

64 100

66 0.0 25.9 38.9#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.68

2000

1500

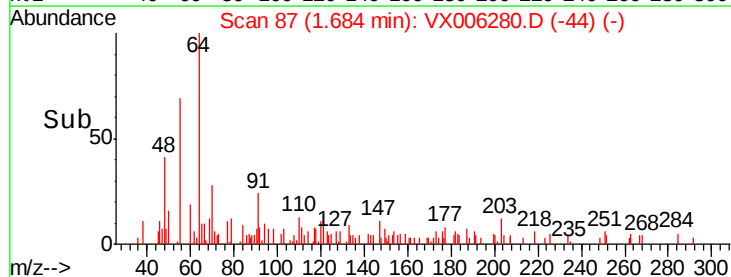
1000

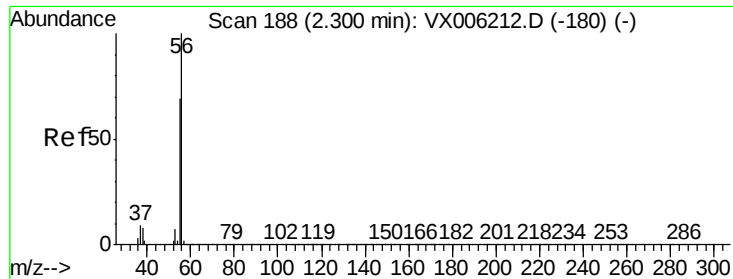
500

0

Time-->

1.65 1.70

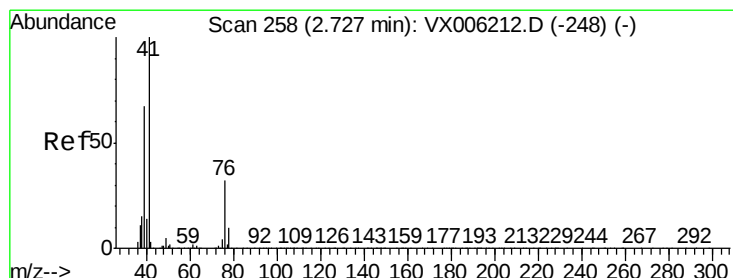
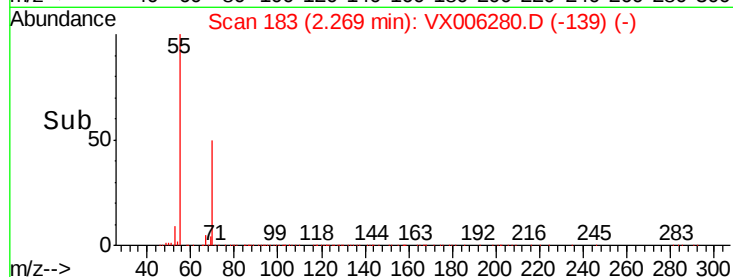
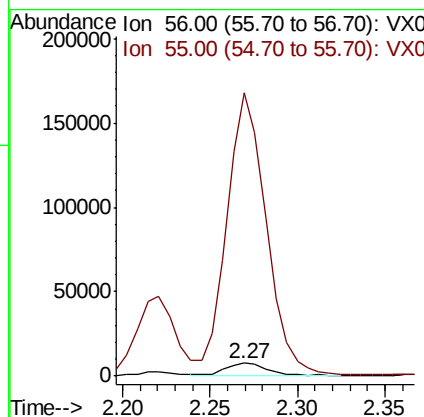
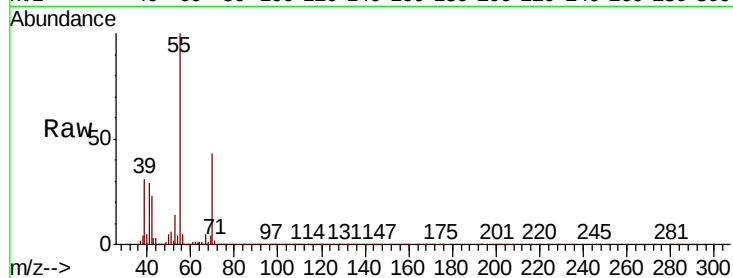




#13
Acrolein
Concen: 9.505 ug/l
RT: 2.27 min Scan# 183
Delta R.T. -0.03 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

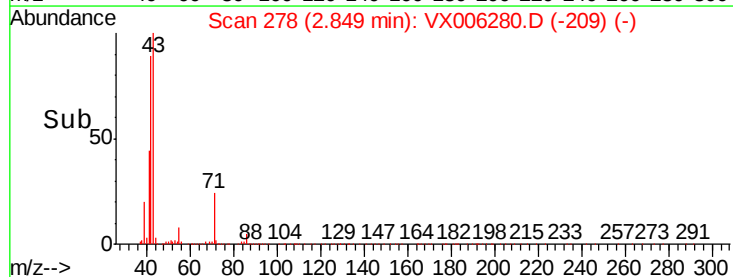
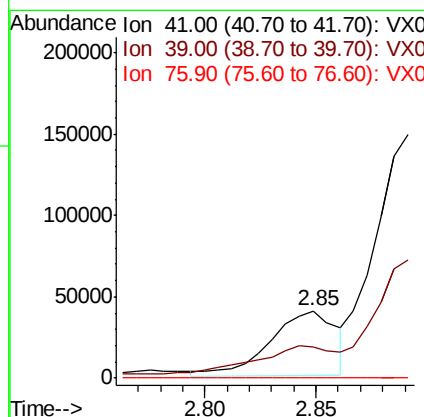
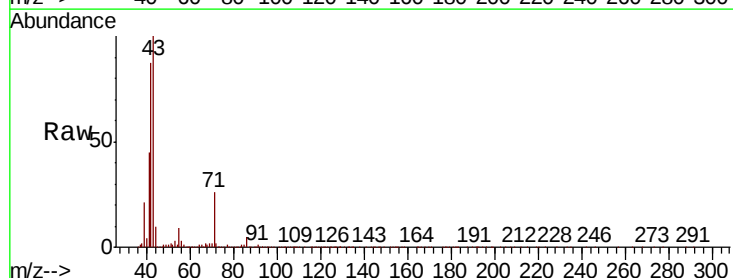
Instrument :
MSVOA_X
ClientSampleId :
GDDL

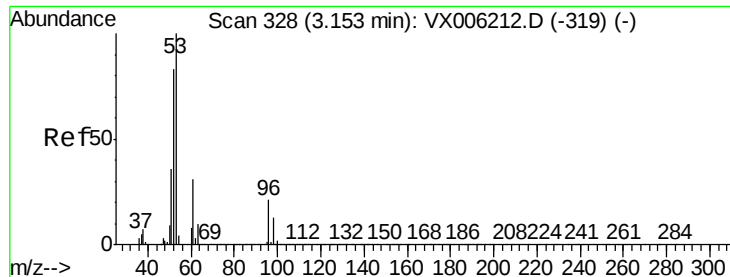
Tot Ion: 56 Resp: 12310
Ion Ratio Lower Upper
56 100
55 2107.8 57.8 86.6#



#14
Allyl chloride
Concen: 5.370 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.12 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 41 Resp: 81471
Ion Ratio Lower Upper
41 100
39 67.5 52.4 78.6
76 0.3 25.4 38.0#





#15

Acrylonitrile

Concen: 3.293 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.02 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

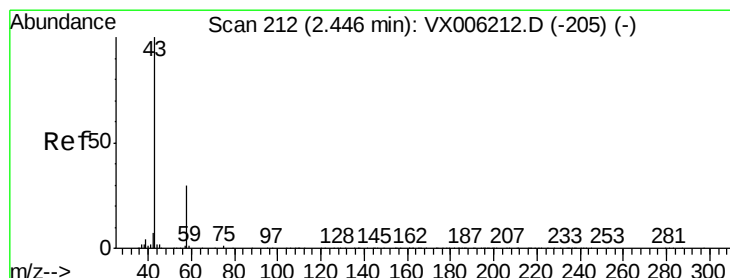
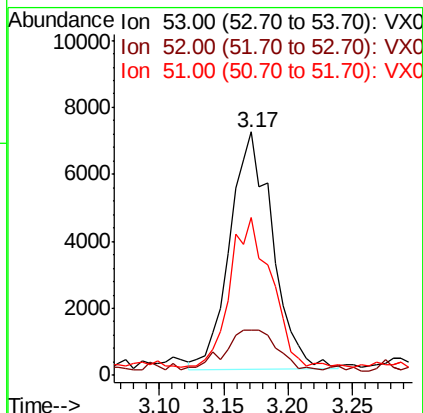
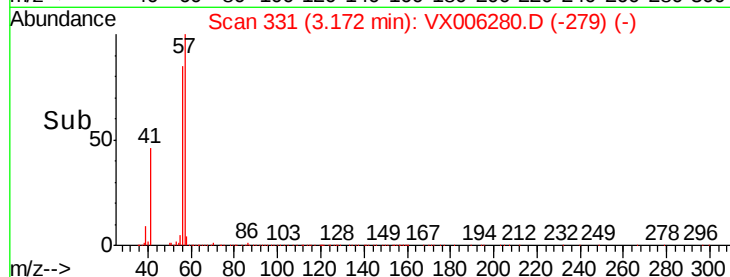
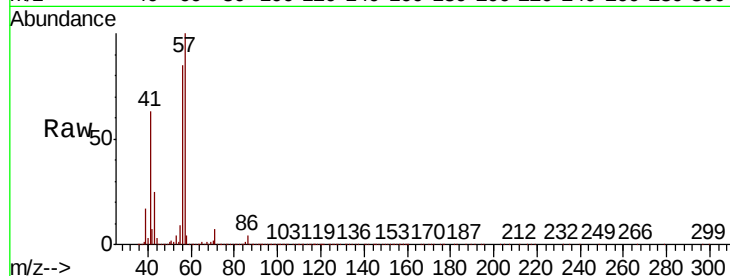
Tot Ion: 53 Resp: 16282

Ion Ratio Lower Upper

53 100

52 21.5 66.2 99.4#

51 62.2 28.7 43.1#



#16

Acetone

Concen: 15.279 ug/l

RT: 2.40 min Scan# 204

Delta R.T. -0.05 min

Lab File: VX006280.D

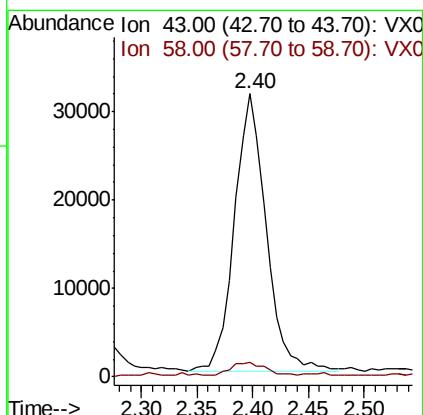
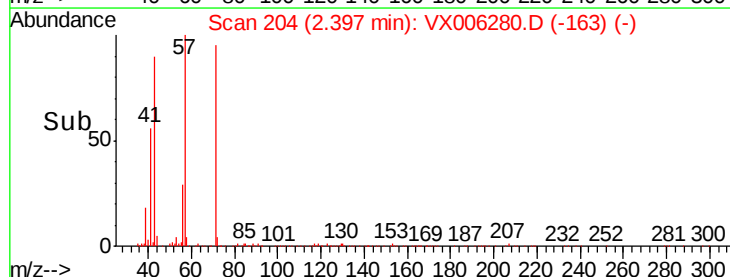
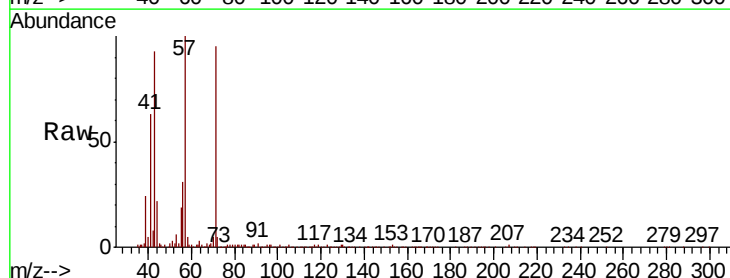
Acq: 04 Dec 2018 16:01

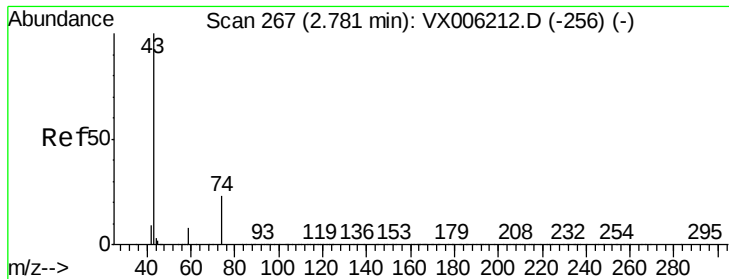
Tgt Ion: 43 Resp: 62125

Ion Ratio Lower Upper

43 100

58 4.7 24.0 36.0#

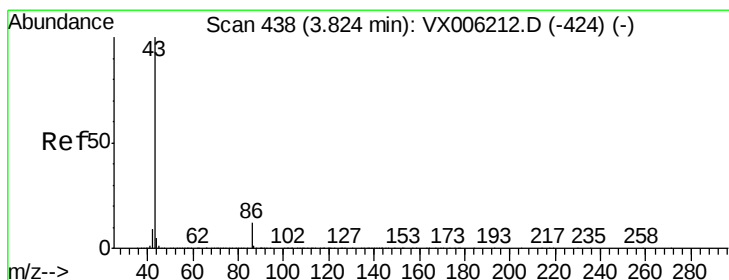
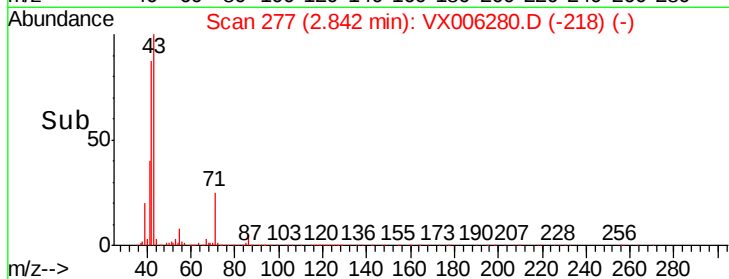
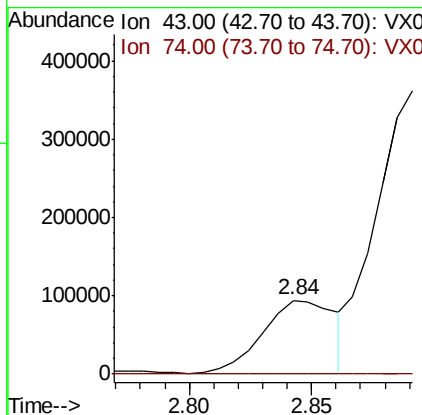
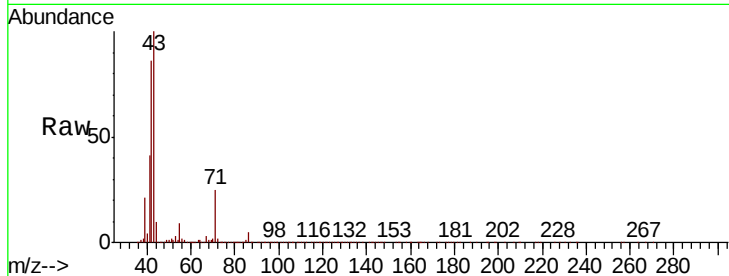




#18
Methyl Acetate
Concen: 14.075 ug/l
RT: 2.84 min Scan# 277
Delta R.T. 0.06 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

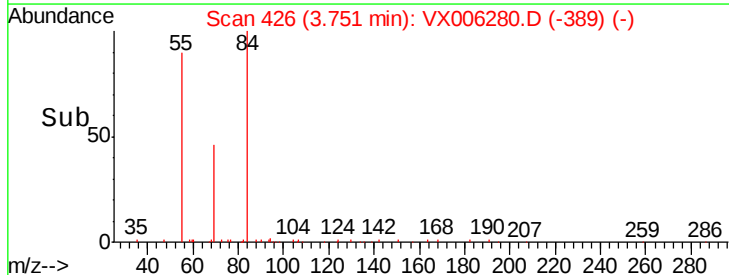
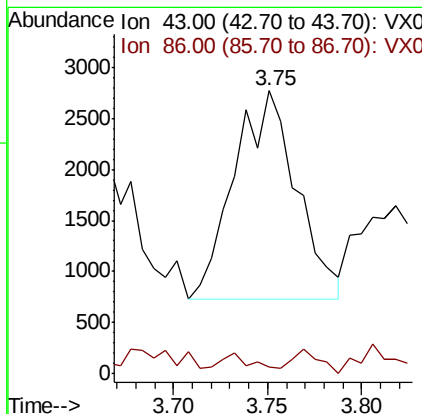
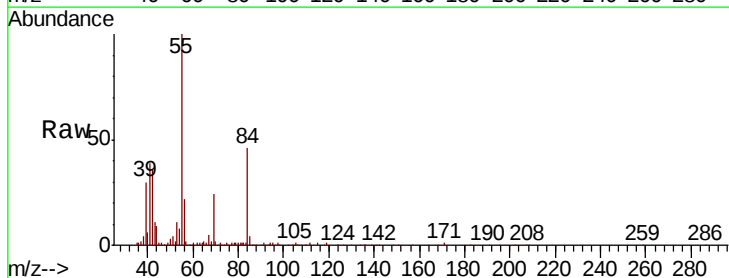
Instrument :
MSVOA_X
ClientSampleId :
GDDL

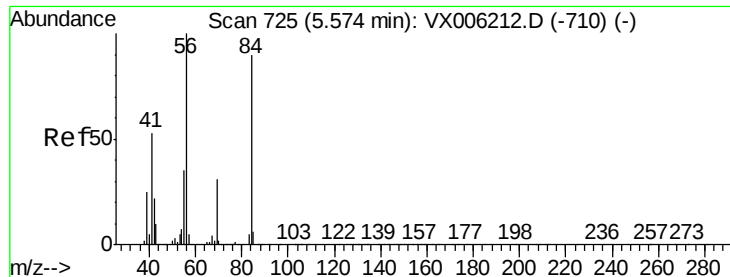
Tot Ion: 43 Resp: 191388
Ion Ratio Lower Upper
43 100
74 0.1 17.9 26.9#



#23
Vinyl Acetate
Concen: 0.232 ug/l
RT: 3.75 min Scan# 426
Delta R.T. -0.07 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 43 Resp: 4691
Ion Ratio Lower Upper
43 100
86 3.4 9.4 14.0#

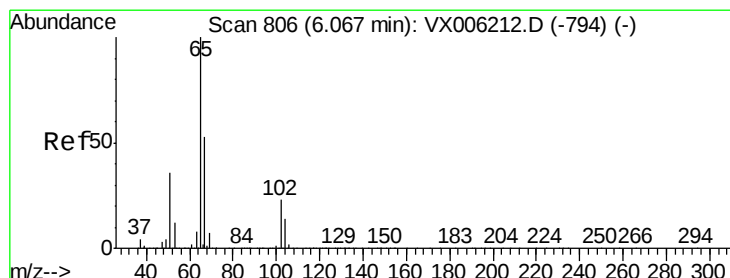
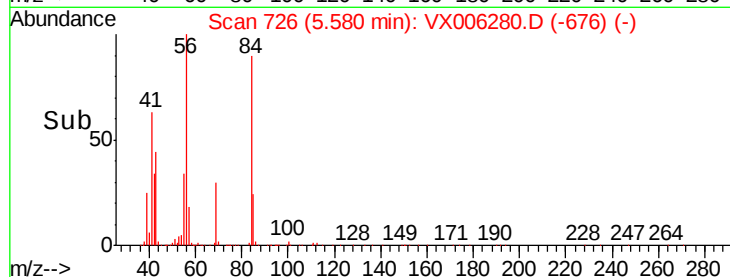
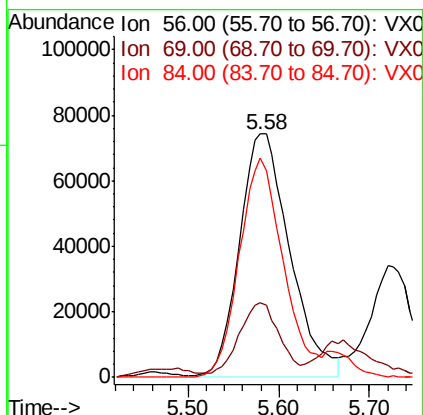
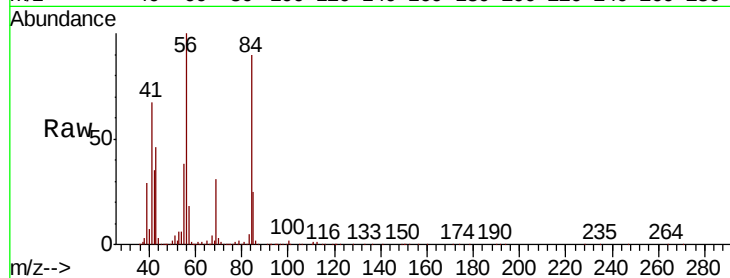




#31
Cyclohexane
Concen: 22.796 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

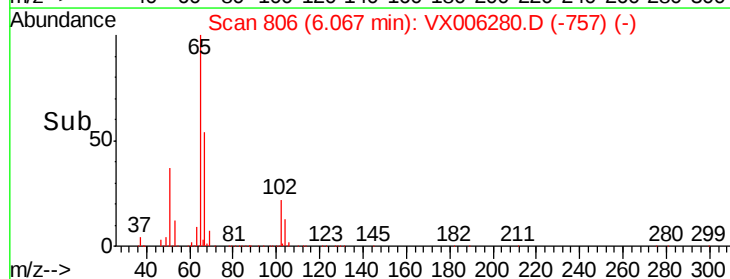
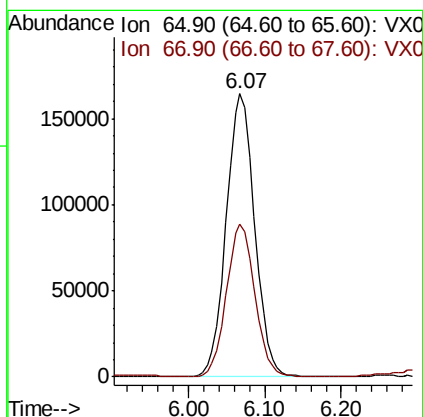
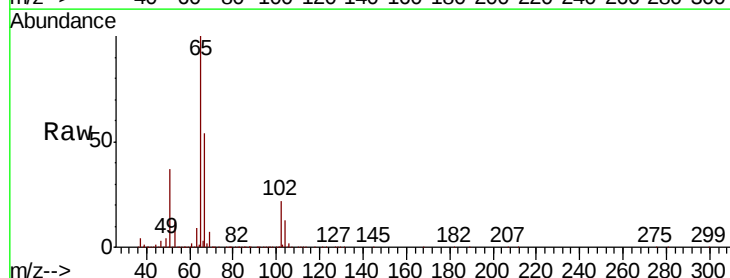
Instrument :
MSVOA_X
ClientSampleId :
GDDL

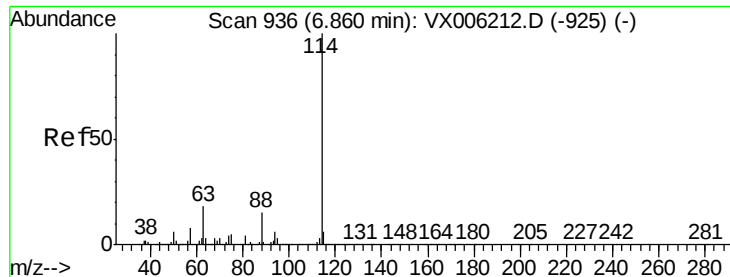
Tot Ion: 56 Resp: 285337
Ion Ratio Lower Upper
56 100
69 28.0 24.5 36.7
84 90.4 71.8 107.6



#33
1,2-Dichloroethane-d4
Concen: 48.891 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 65 Resp: 423594
Ion Ratio Lower Upper
65 100
67 53.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

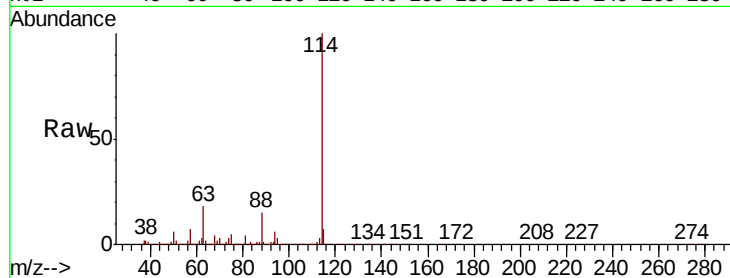
Tot Ion:114 Resp: 1305301

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

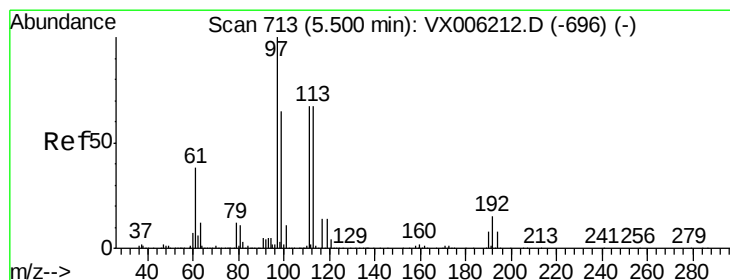
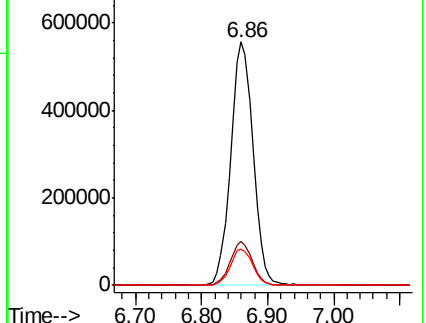
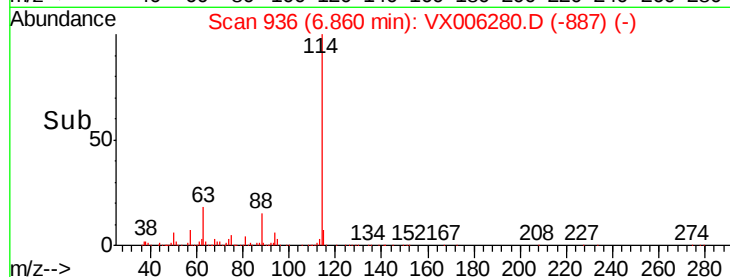
88 14.8 0.0 29.0



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: 48.279 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

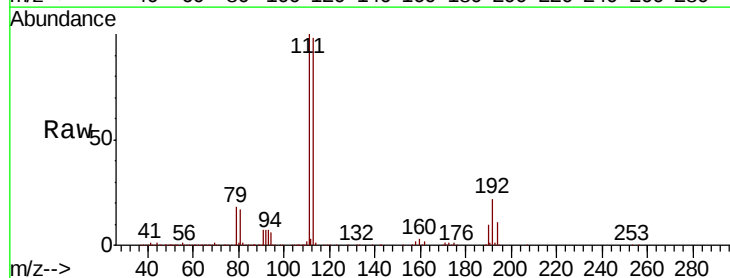
Tgt Ion:113 Resp: 408022

Ion Ratio Lower Upper

113 100

111 101.7 81.1 121.7

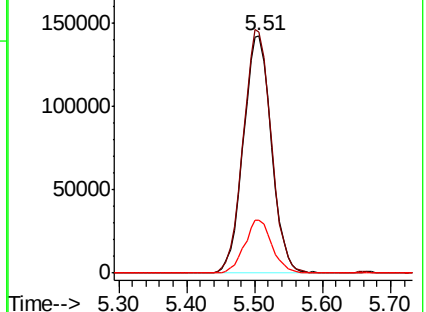
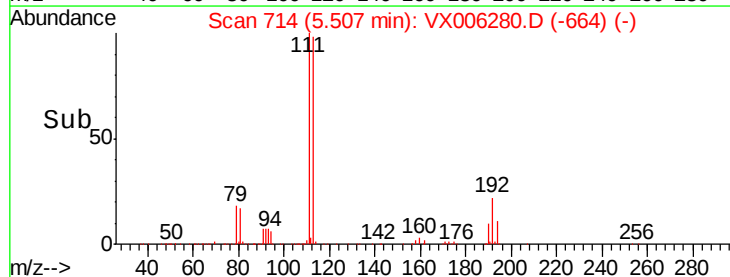
192 21.7 18.2 27.2

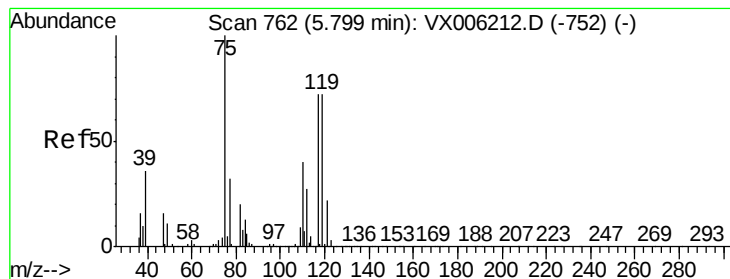


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.696 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

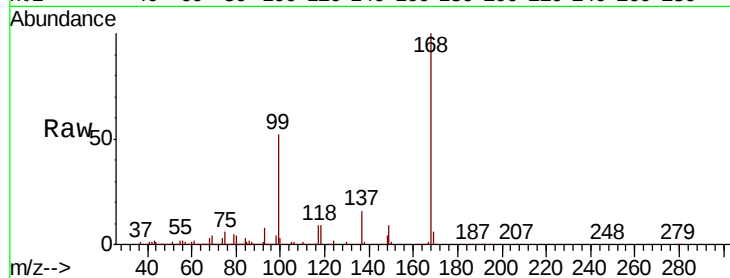
Tot Ion: 75 Resp: 51617

Ion Ratio Lower Upper

75 100

110 10.6 20.4 61.3#

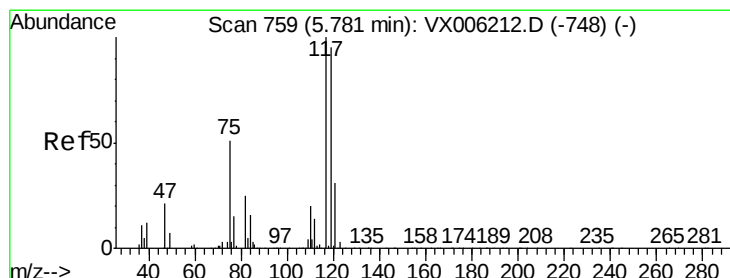
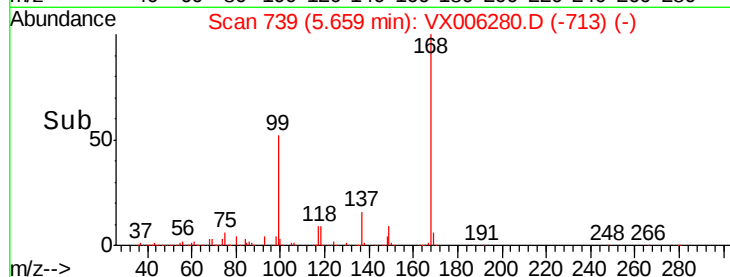
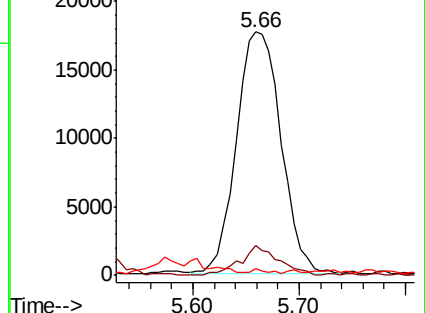
77 0.6 24.9 37.3#



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: 5.938 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

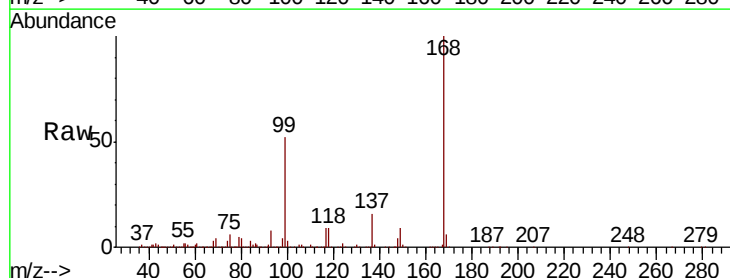
Tgt Ion: 117 Resp: 76789

Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.8#

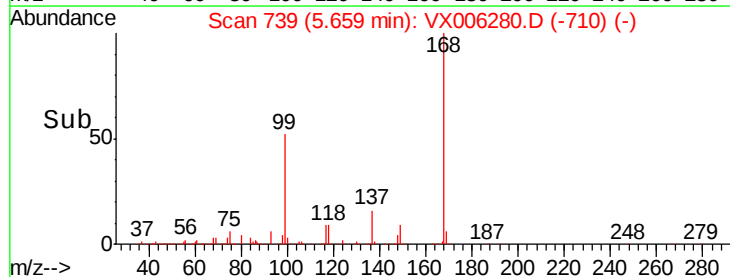
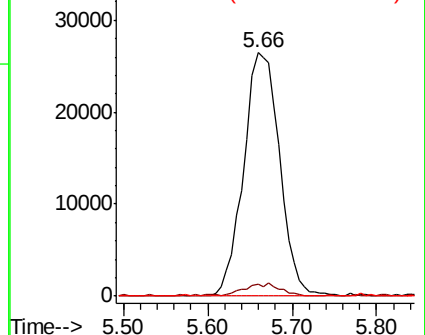
121 0.0 24.6 37.0#

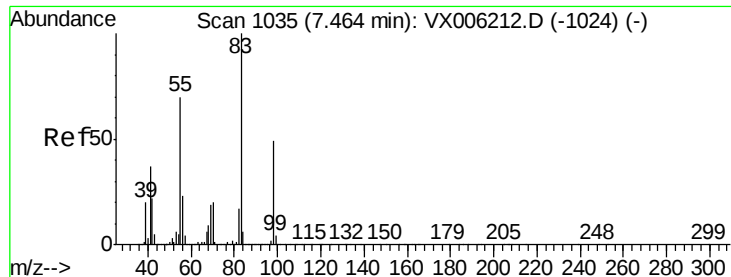


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

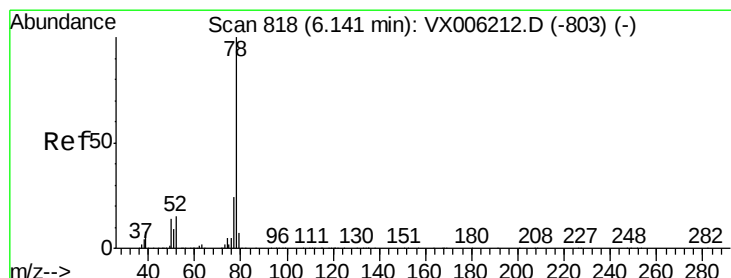
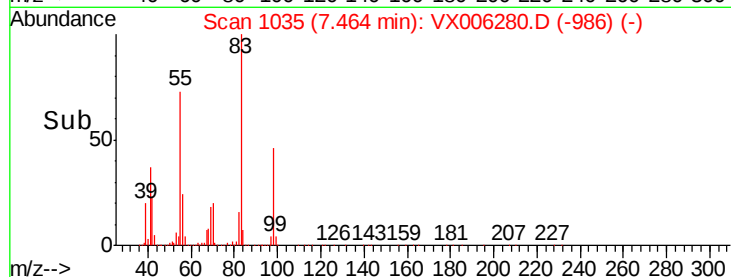
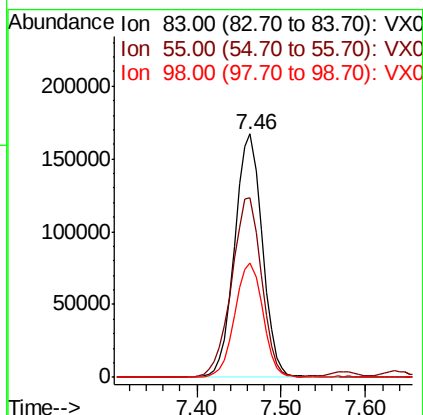
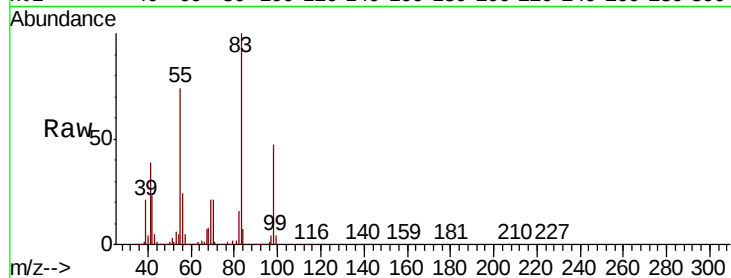




#39
Methvlcvclohexane
Concen: 25.869 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

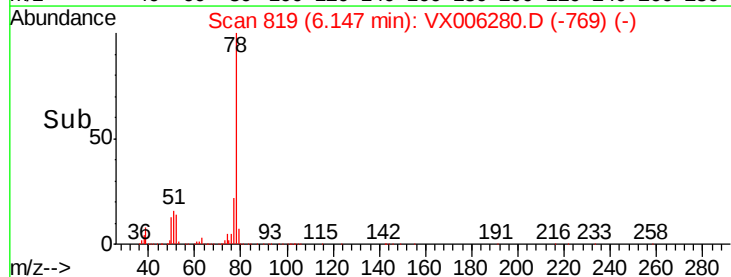
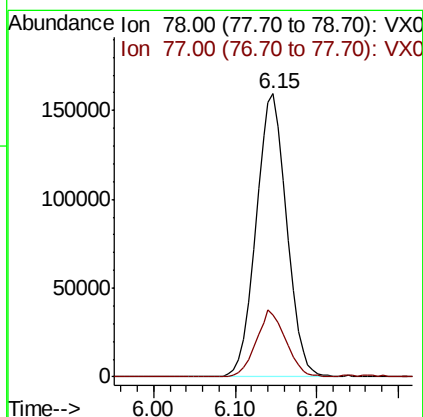
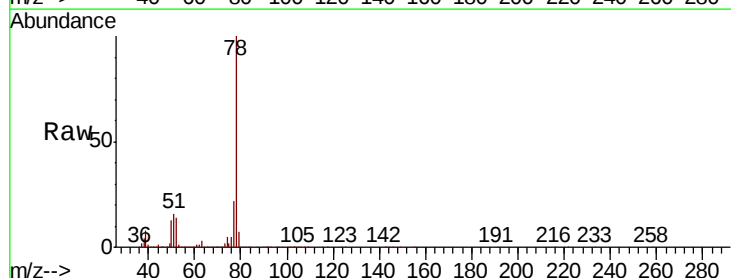
Instrument :
MSVOA_X
ClientSampleId :
GDDL

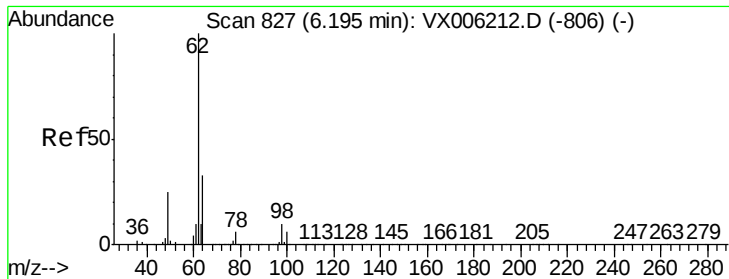
Tot Ion: 83 Resp: 369093
Ion Ratio Lower Upper
83 100
55 73.7 56.4 84.6
98 47.1 39.0 58.6



#40
Benzene
Concen: 12.660 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 78 Resp: 416806
Ion Ratio Lower Upper
78 100
77 21.7 19.2 28.8

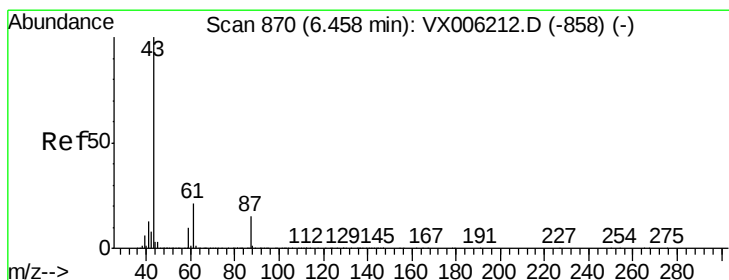
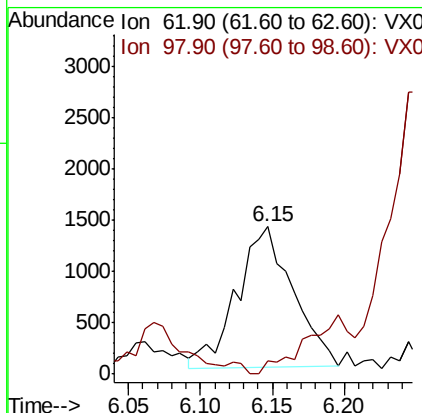
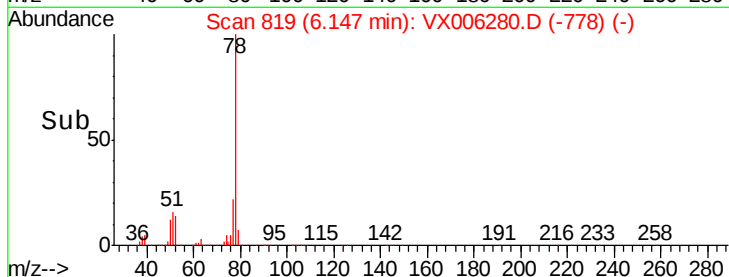
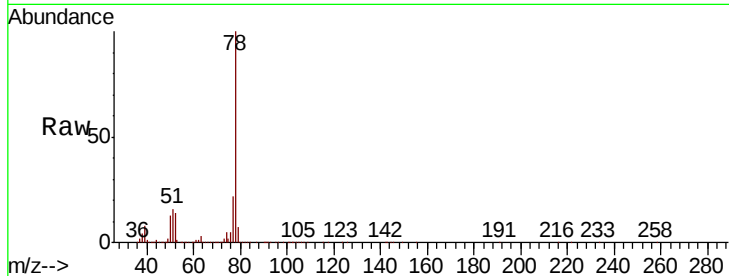




#42
1,2-Dichloroethane
Concen: 0.345 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.05 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

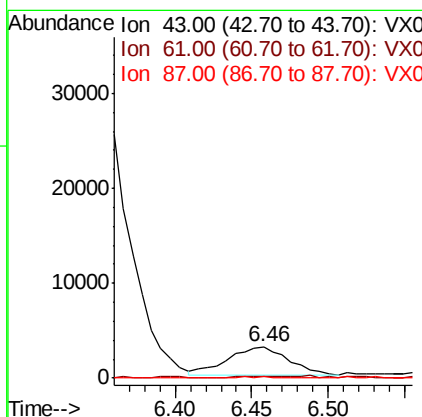
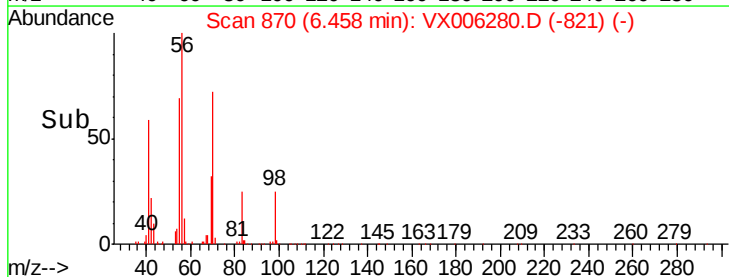
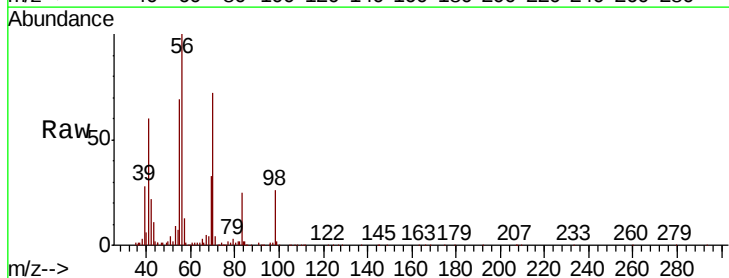
Instrument :
MSVOA_X
ClientSampled :
GDDL

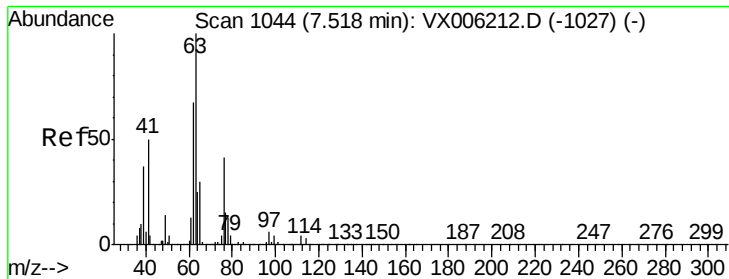
Tot Ion: 62 Resp: 3718
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2



#43
Isopropyl Acetate
Concen: 0.412 ug/l
RT: 6.46 min Scan# 870
Delta R.T. 0.00 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 43 Resp: 8451
Ion Ratio Lower Upper
43 100
61 2.2 16.8 25.2#
87 2.2 11.9 17.9#





#45

1,2-Dichloropropane

Concen: 0.374 ug/l

RT: 7.47 min Scan# 1036

Delta R.T. -0.05 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampled :

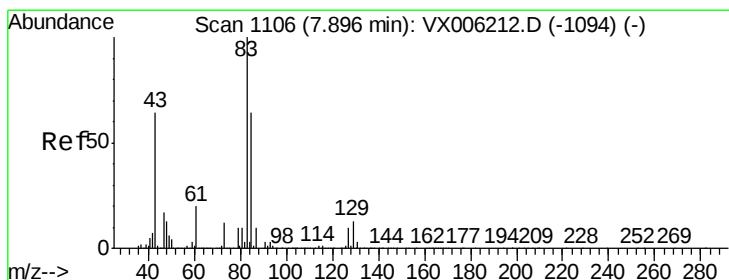
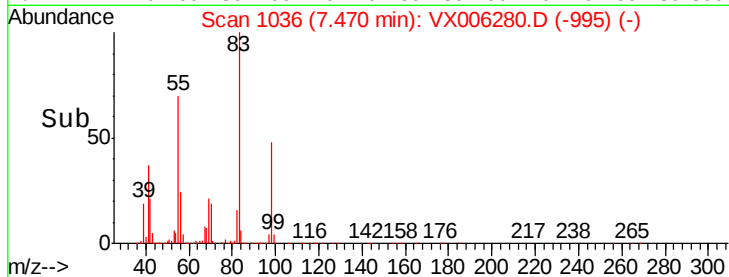
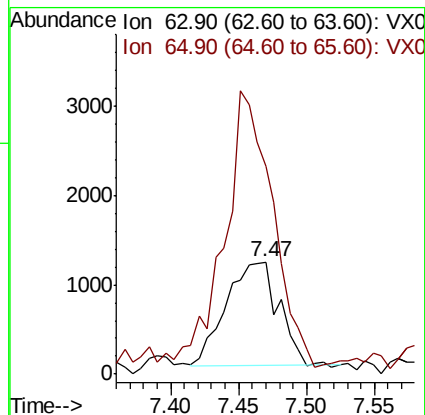
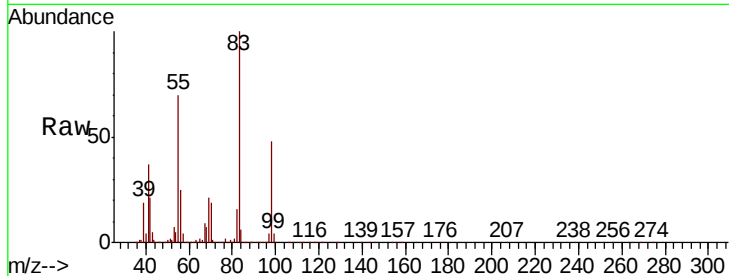
GDDL

Tot Ion: 63 Resp: 3129

Ion Ratio Lower Upper

63 100

65 188.6 24.3 36.5#



#47

Bromodichloromethane

Concen: 0.336 ug/l

RT: 7.84 min Scan# 1097

Delta R.T. -0.05 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

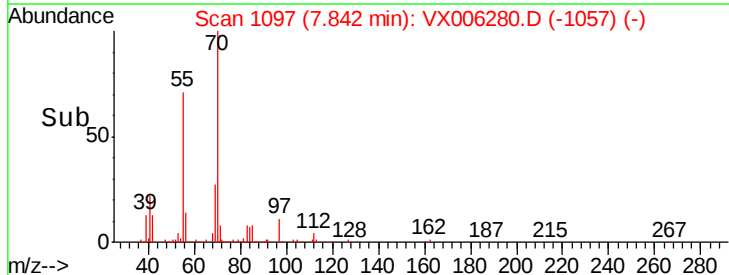
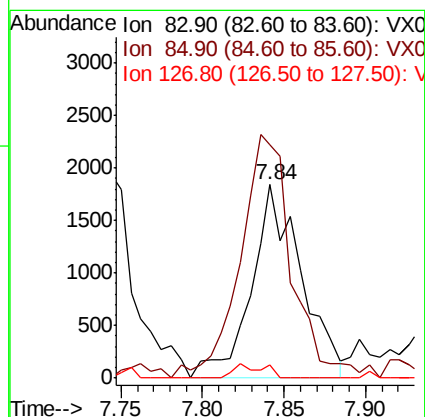
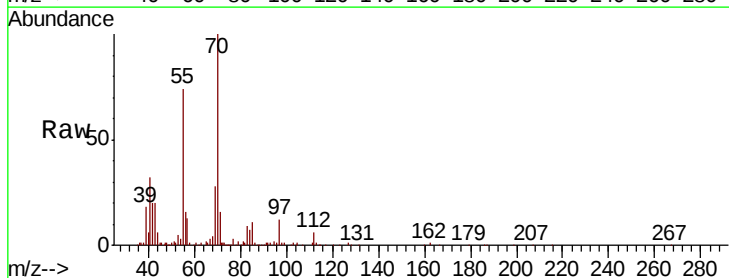
Tgt Ion: 83 Resp: 3927

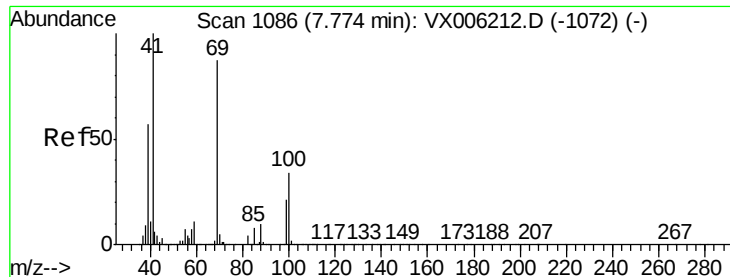
Ion Ratio Lower Upper

83 100

85 116.8 51.4 77.0#

127 7.0 7.9 11.9#

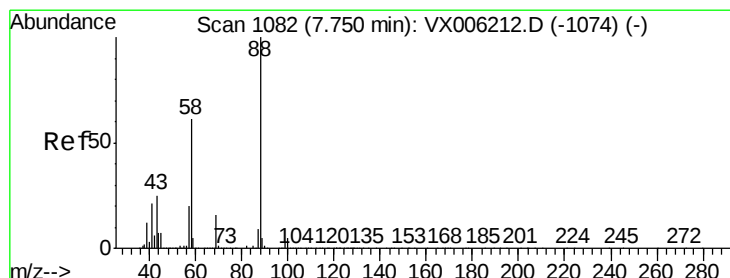
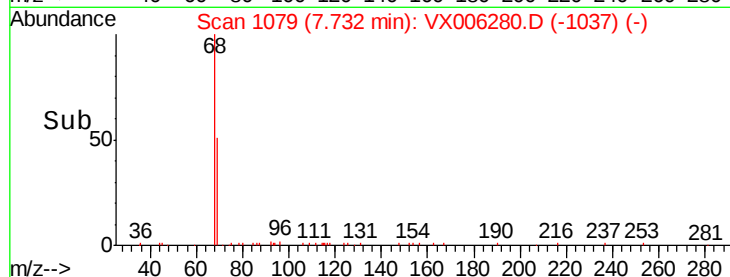
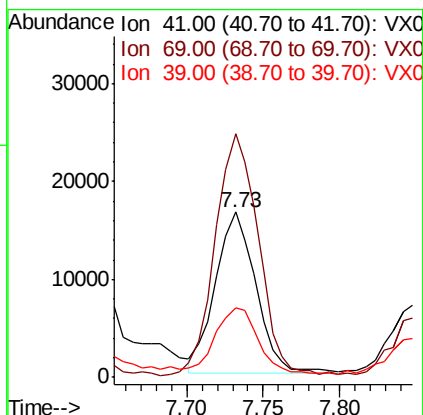
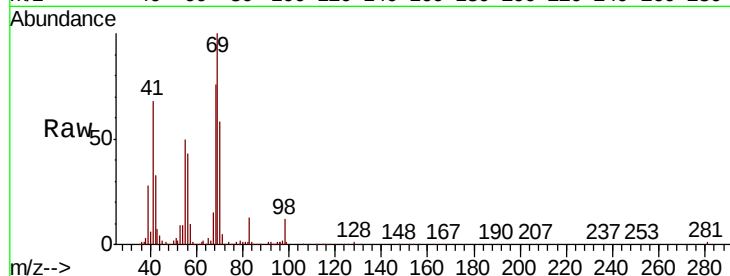




#48
Methvl methacrylate
Concen: 3.072 ug/l
RT: 7.73 min Scan# 1079
Delta R.T. -0.04 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

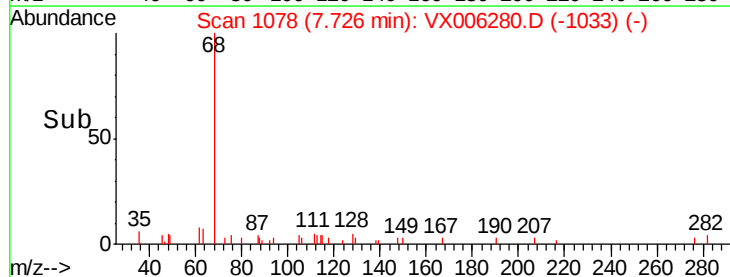
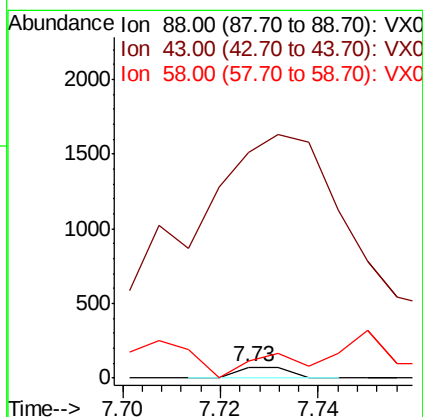
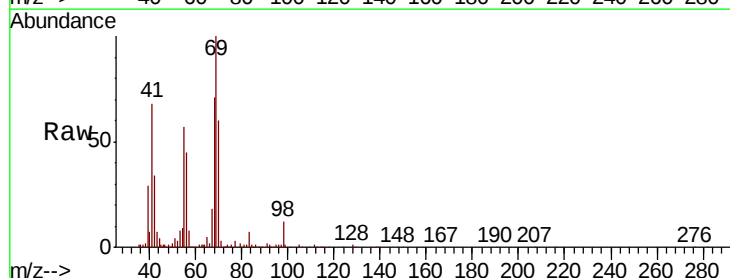
Instrument :
MSVOA_X
ClientSampleId :
GDDL

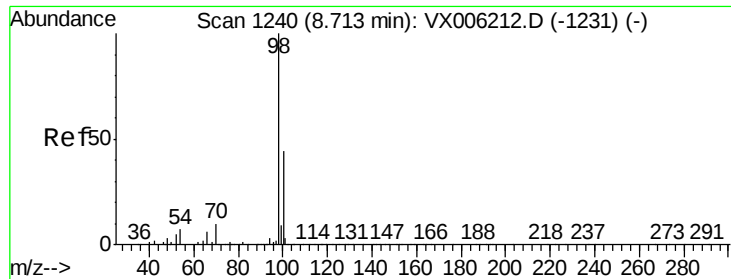
Tot Ion: 41 Resp: 30674
Ion Ratio Lower Upper
41 100
69 158.6 70.3 105.5#
39 42.3 45.3 67.9#



#49
1,4-Dioxane
Concen: 0.211 ug/l
RT: 7.73 min Scan# 1078
Delta R.T. -0.02 min
Lab File: VX006280.D
Acq: 04 Dec 2018 16:01

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 5342.3 23.2 34.8#
58 0.0 51.4 77.0#





#50

Toluene-d8

Concen: 49.661 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

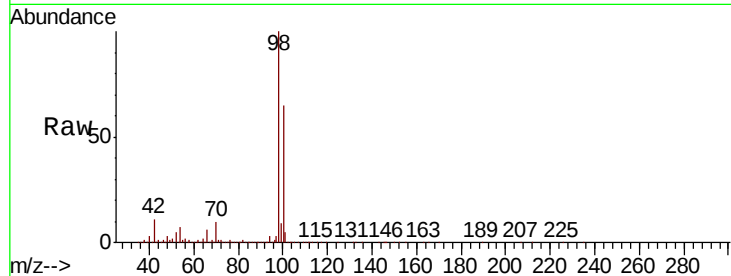
GDDL

Tot Ion: 98 Resp: 1526616

Ion Ratio Lower Upper

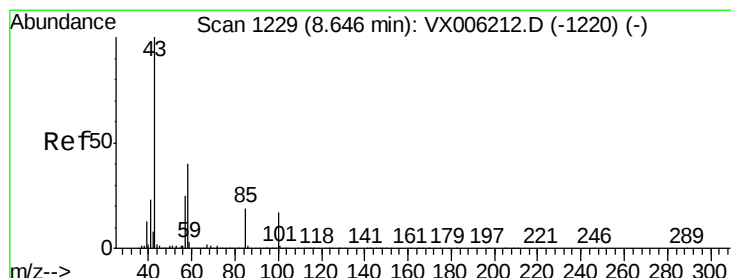
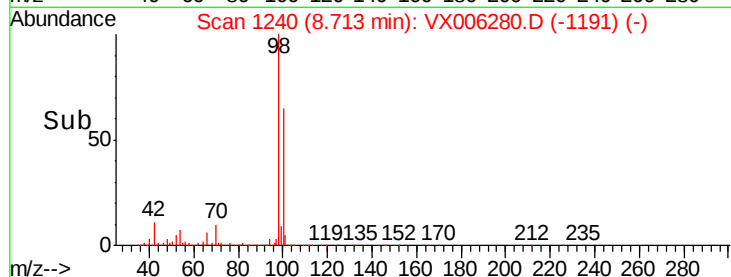
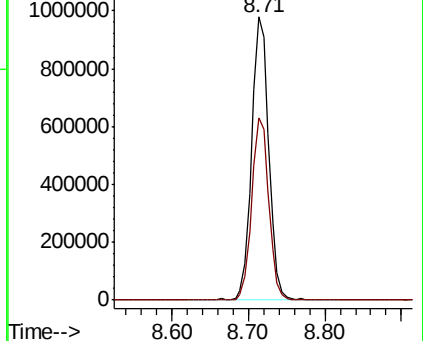
98 100

100 64.4 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#51

4-Methyl-2-Pentanone

Concen: 1.358 ug/l

RT: 8.67 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VX006280.D

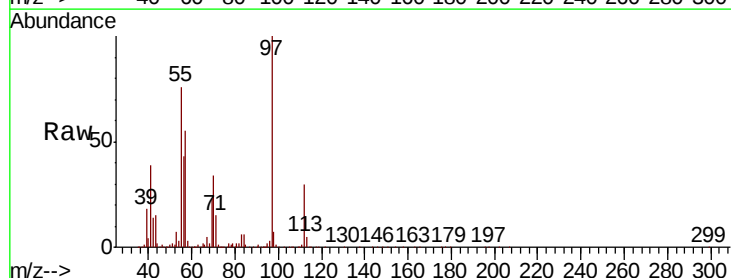
Acq: 04 Dec 2018 16:01

Tgt Ion: 43 Resp: 16226

Ion Ratio Lower Upper

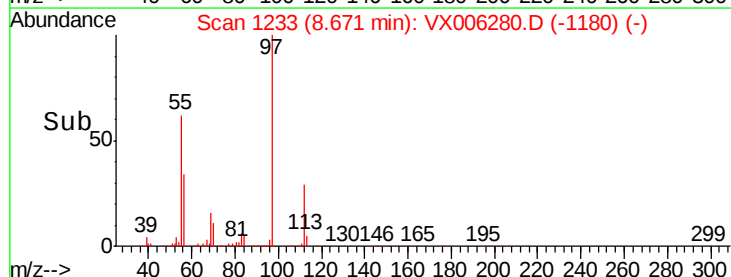
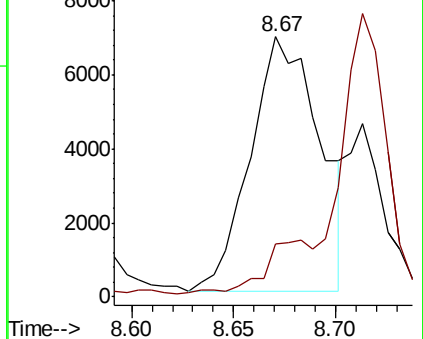
43 100

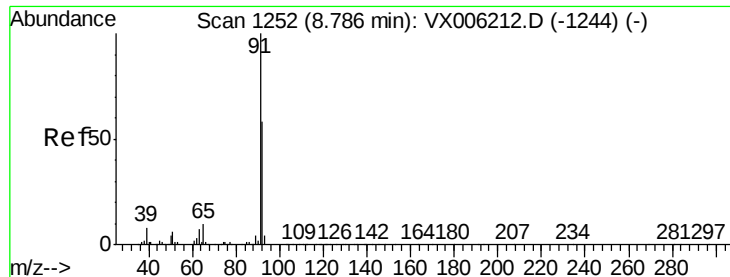
58 15.2 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 79.607 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

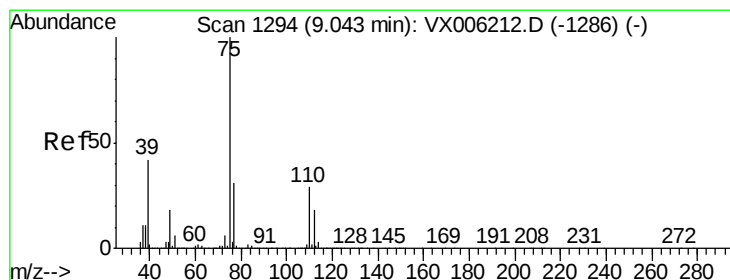
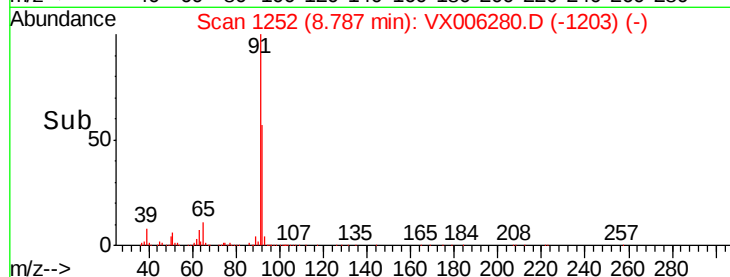
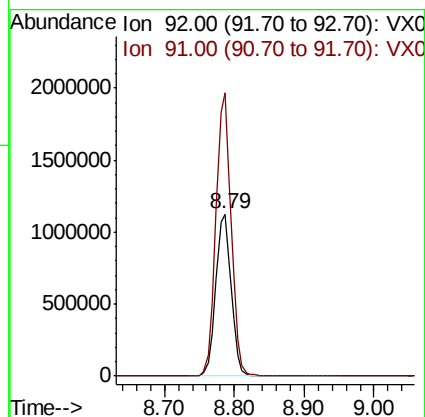
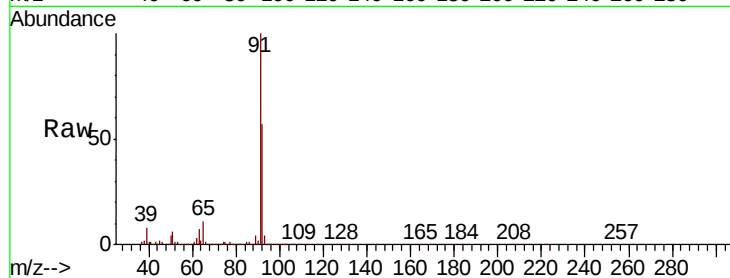
GDDL

Tot Ion: 92 Resp: 1724223

Ion Ratio Lower Upper

92 100

91 172.8 139.2 208.8



#53

t-1,3-Dichloropropene

Concen: 1.311 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.26 min

Lab File: VX006280.D

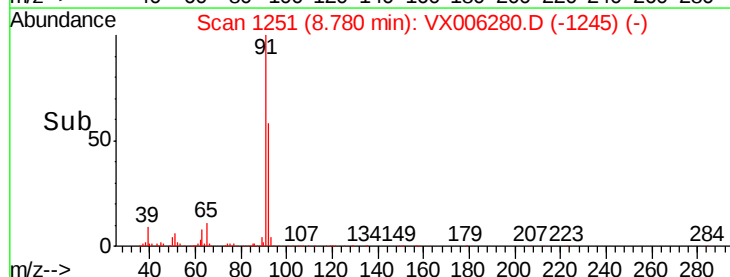
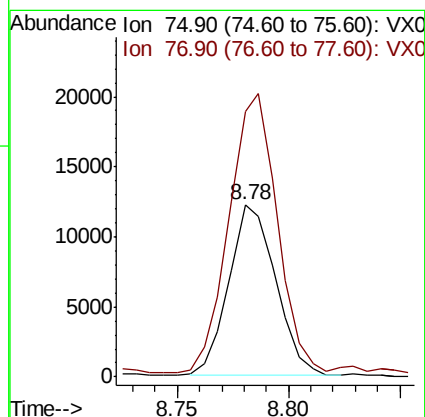
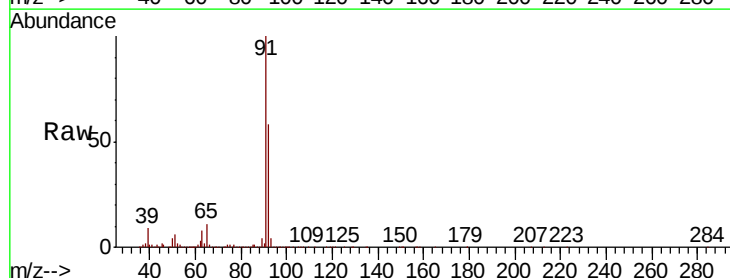
Acq: 04 Dec 2018 16:01

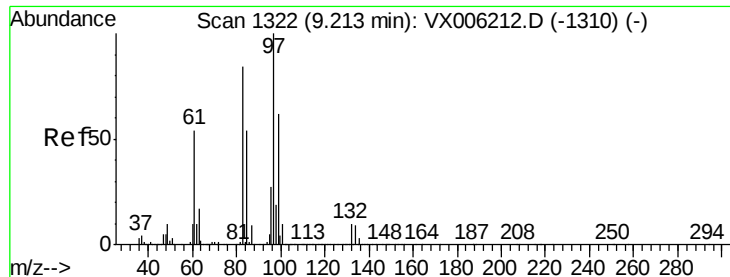
Tgt Ion: 75 Resp: 17939

Ion Ratio Lower Upper

75 100

77 151.3 25.0 37.4#





#55

1,1,2-Trichloroethane

Concen: 5.370 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.05 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

Tot Ion: 97 Resp: 47255

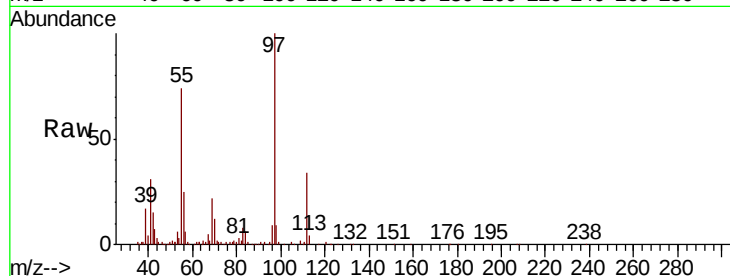
Ion Ratio Lower Upper

97 100

83 5.6 67.1 100.7#

85 0.4 43.2 64.8#

99 0.8 49.8 74.6#

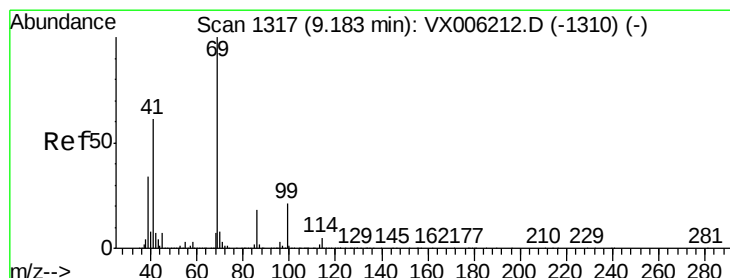
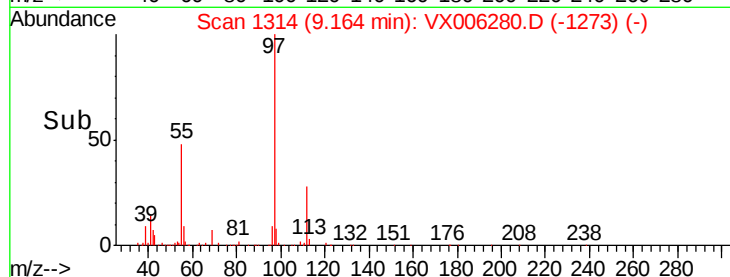
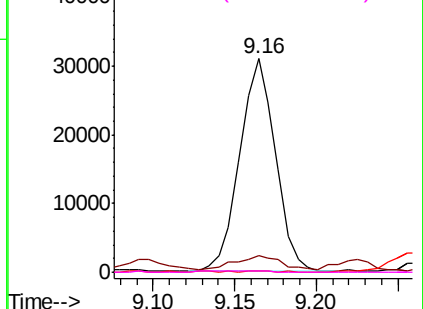


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.841 ug/l

RT: 9.16 min Scan# 1314

Delta R.T. -0.02 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

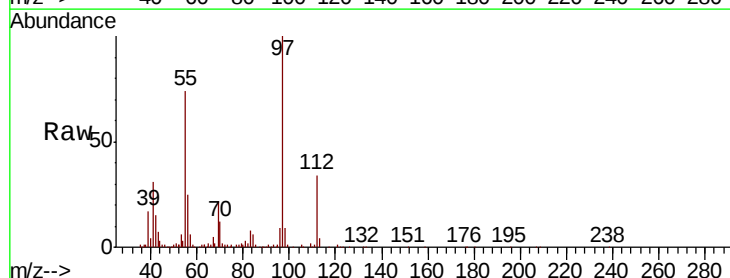
Tgt Ion: 69 Resp: 11574

Ion Ratio Lower Upper

69 100

41 115.1 50.6 76.0#

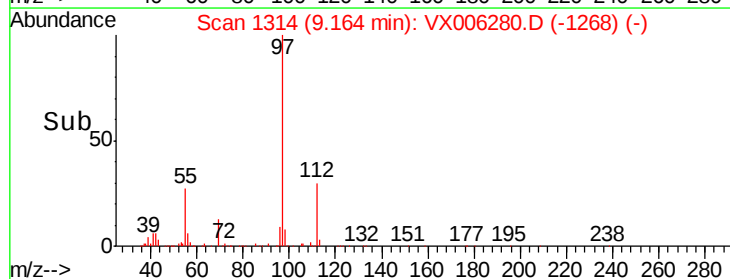
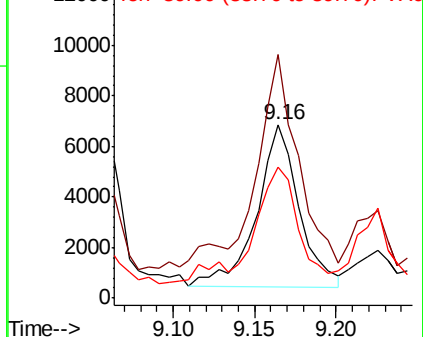
39 80.1 27.6 41.4#

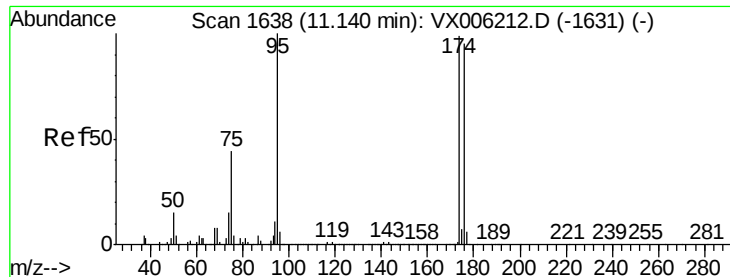


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.742 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampled :

GDDL

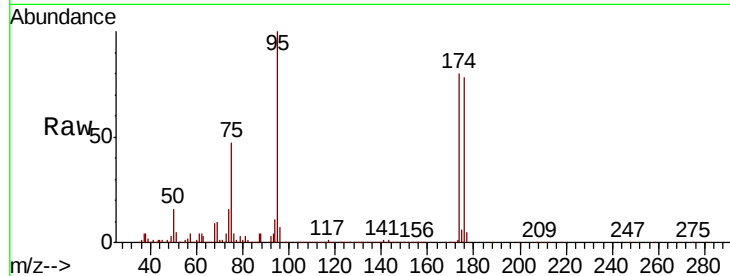
Tot Ion: 95 Resp: 564629

Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.0

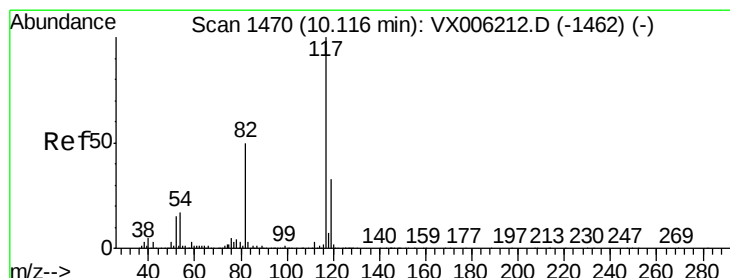
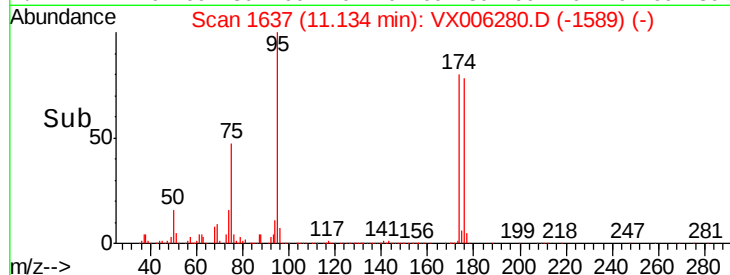
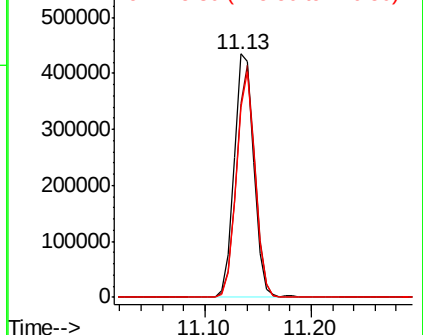
176 88.1 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

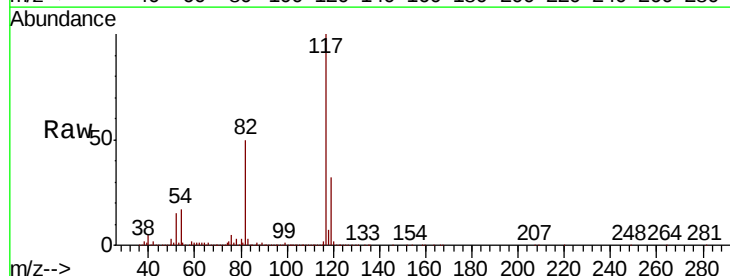
Tgt Ion: 117 Resp: 1185943

Ion Ratio Lower Upper

117 100

82 49.9 39.6 59.4

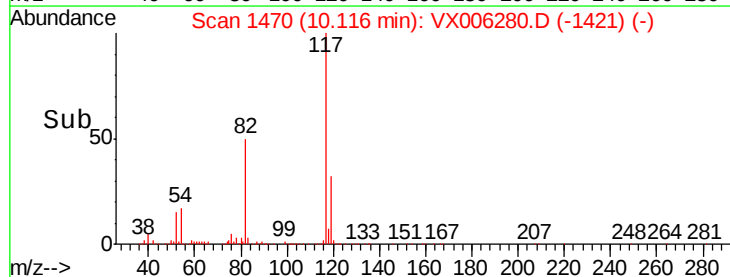
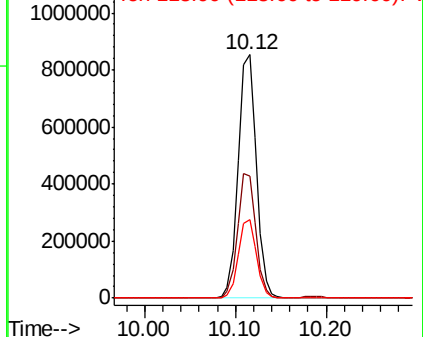
119 32.5 26.3 39.5

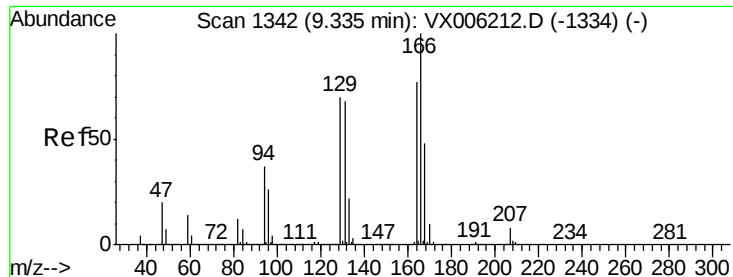


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#64

Tetrachloroethene

Concen: 0.237 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampled :

GDDL

Tot Ion:164 Resp: 2115

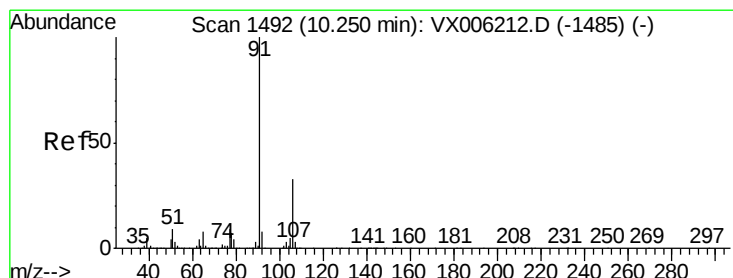
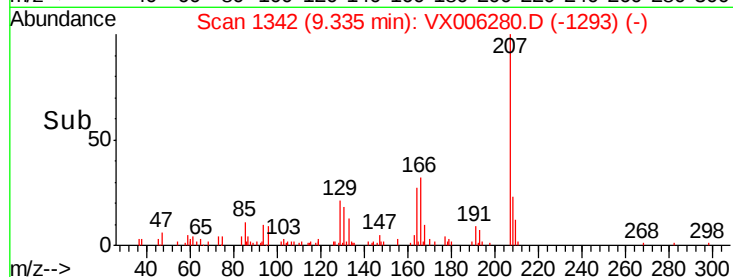
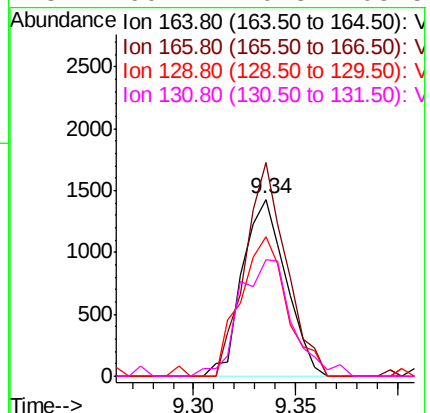
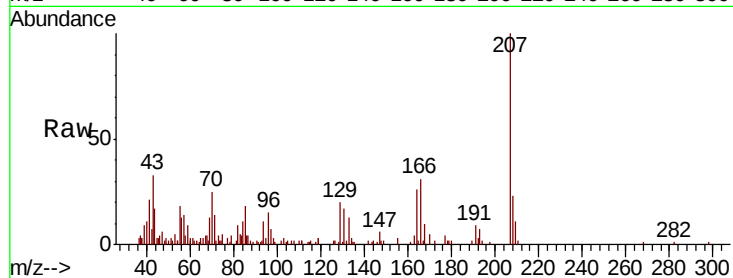
Ion Ratio Lower Upper

164 100

166 120.8 104.2 156.2

129 78.9 72.6 108.8

131 66.2 70.3 105.5#



#67

Ethyl Benzene

Concen: 18.615 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006280.D

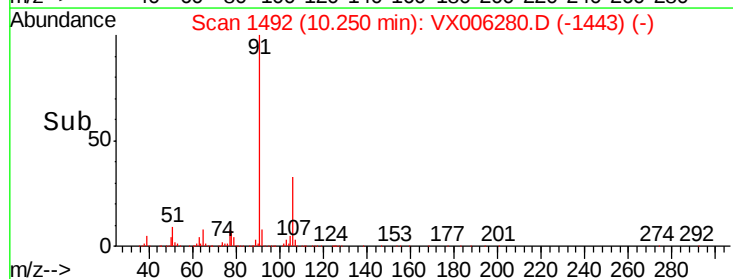
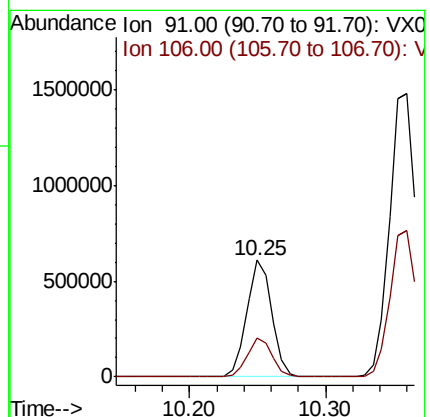
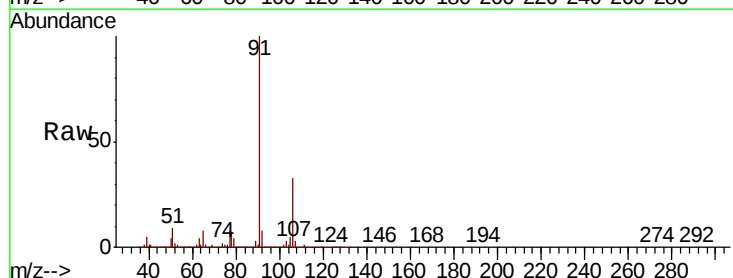
Acq: 04 Dec 2018 16:01

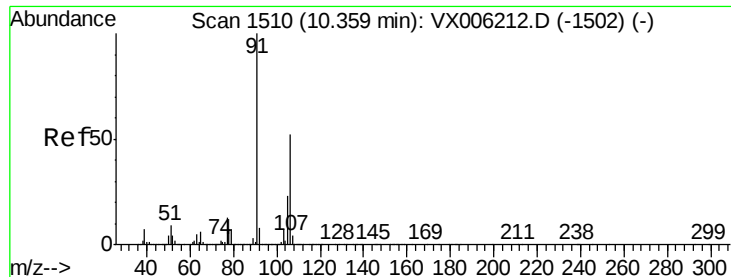
Tgt Ion: 91 Resp: 779409

Ion Ratio Lower Upper

91 100

106 33.4 26.5 39.7





#68

m/p-Xylenes

Concen: 62.495 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

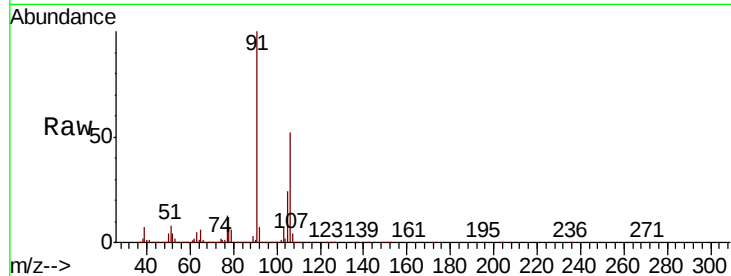
GDDL

Tot Ion:106 Resp: 1048187

Ion Ratio Lower Upper

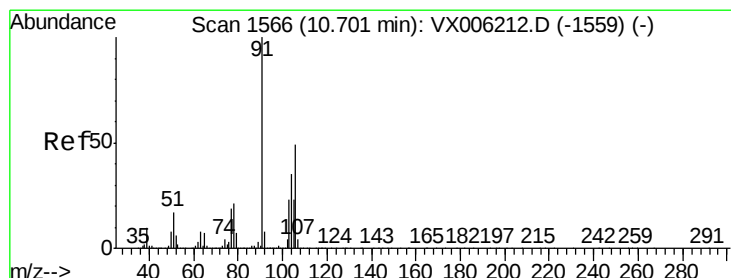
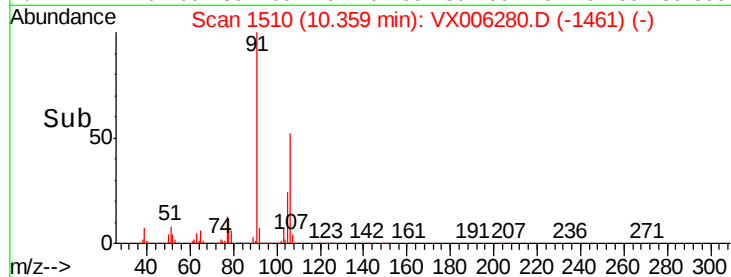
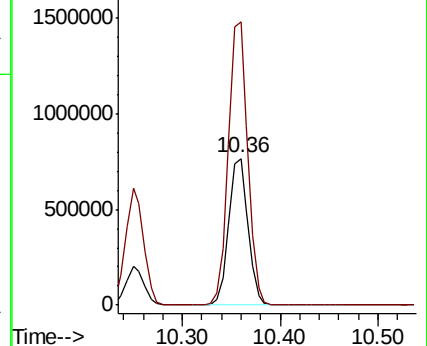
106 100

91 193.9 155.2 232.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 23.803 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VX006280.D

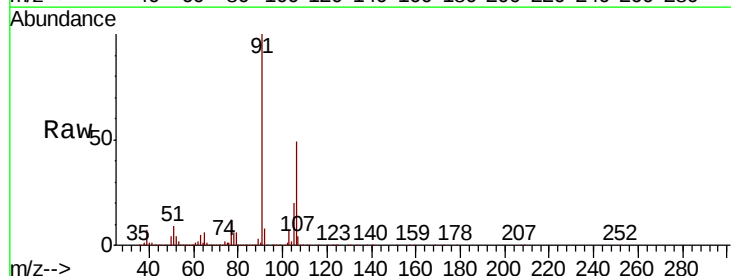
Acq: 04 Dec 2018 16:01

Tgt Ion:106 Resp: 394350

Ion Ratio Lower Upper

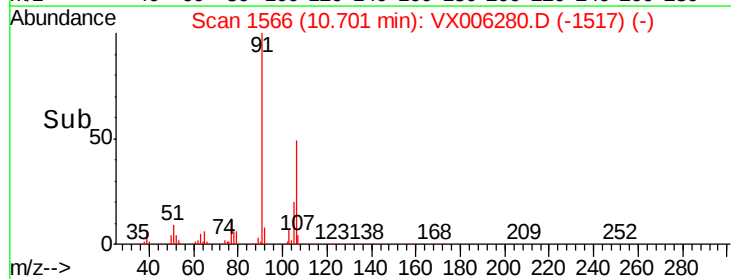
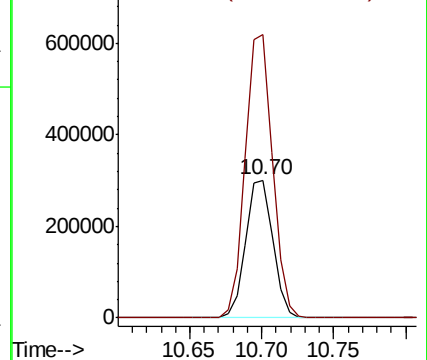
106 100

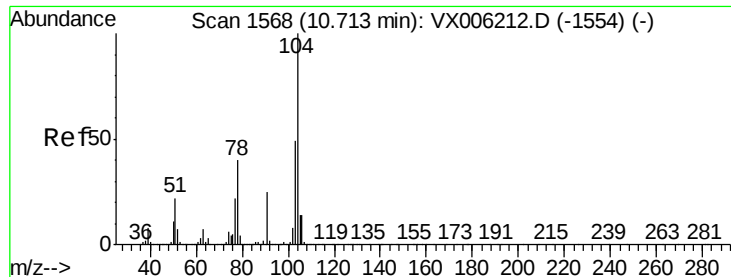
91 206.3 101.8 305.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#70

Stvrene

Concen: 0.714 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

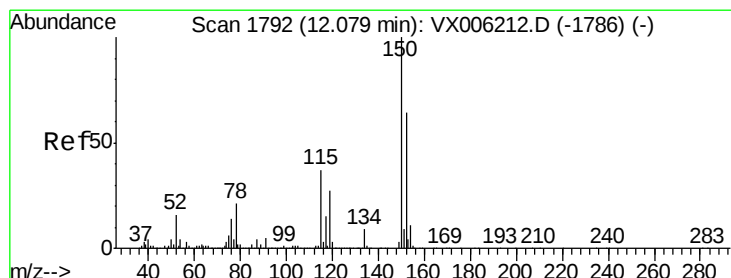
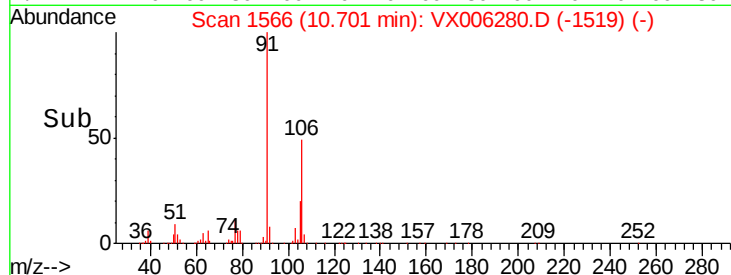
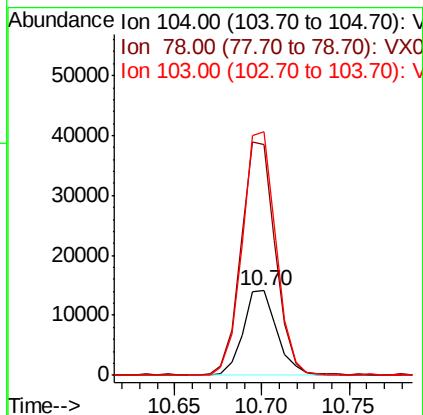
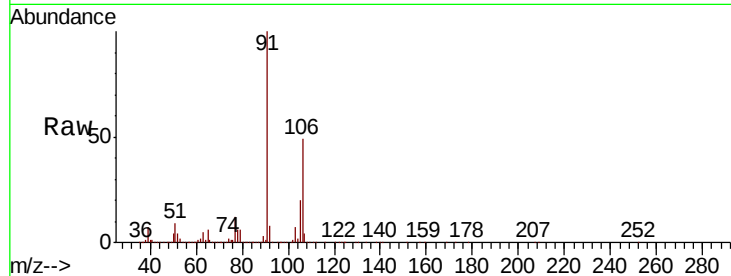
Tot Ion:104 Resp: 19125

Ion Ratio Lower Upper

104 100

78 274.7 37.2 55.8#

103 283.5 43.5 65.3#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

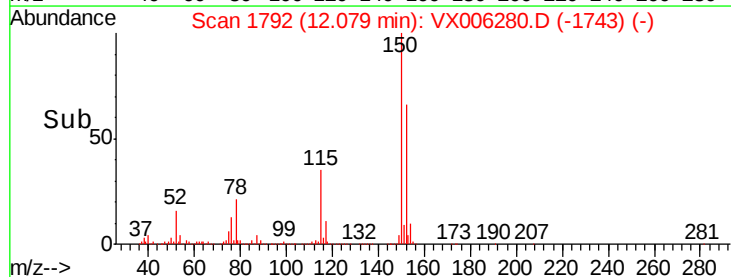
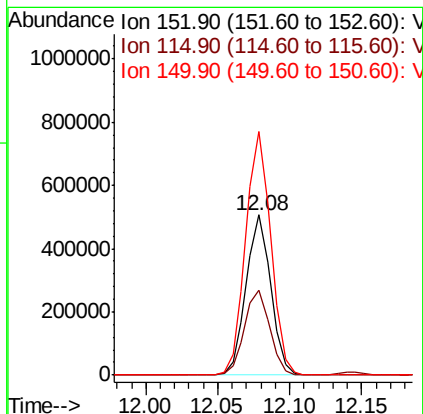
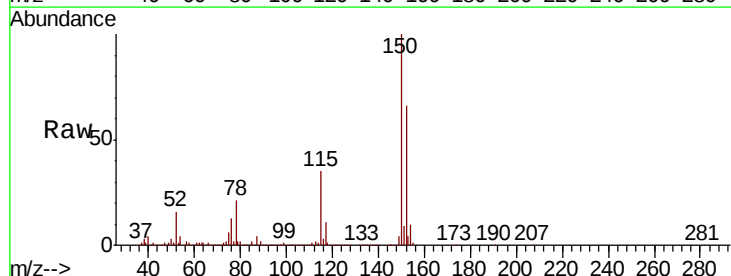
Tgt Ion:152 Resp: 598774

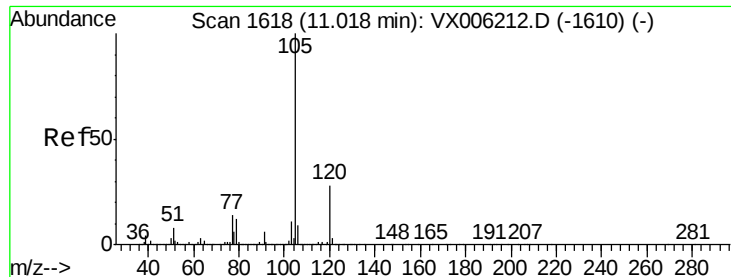
Ion Ratio Lower Upper

152 100

115 54.4 39.0 116.9

150 155.1 0.0 345.8





#73

Isopropylbenzene

Concen: 1.695 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

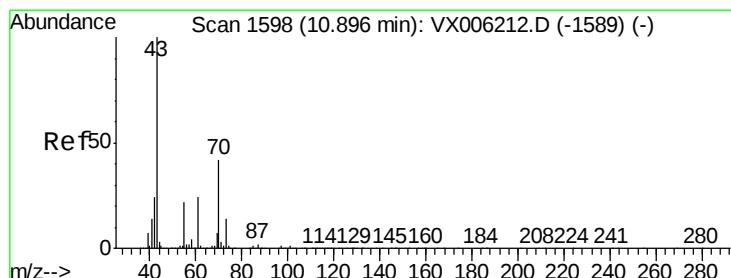
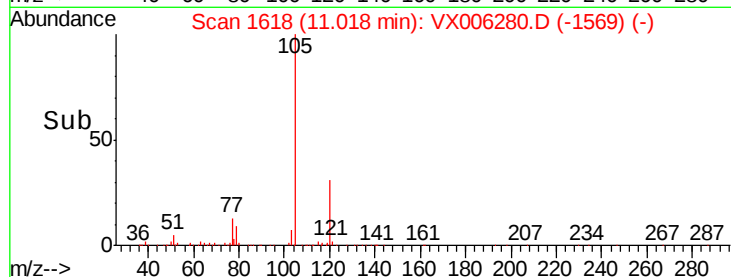
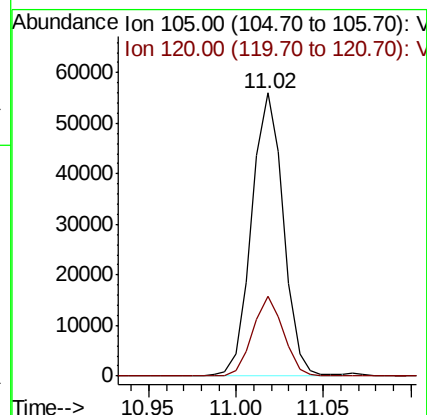
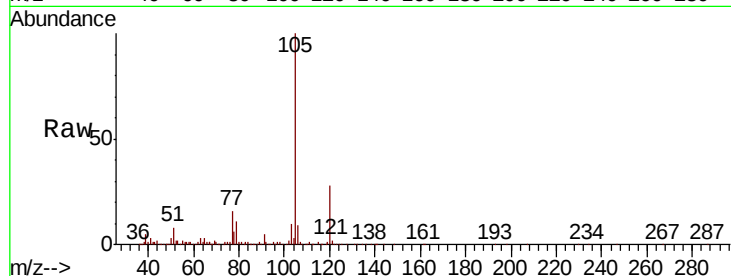
GDDL

Tot Ion:105 Resp: 70106

Ion Ratio Lower Upper

105 100

120 27.6 14.1 42.3



#74

N-ethyl acetate

Concen: 0.204 ug/l

RT: 10.91 min Scan# 1601

Delta R.T. 0.02 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Tgt Ion: 43 Resp: 3630

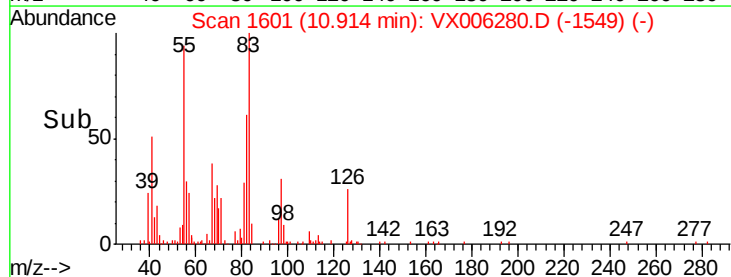
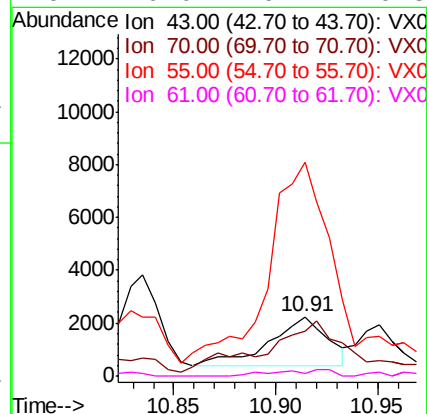
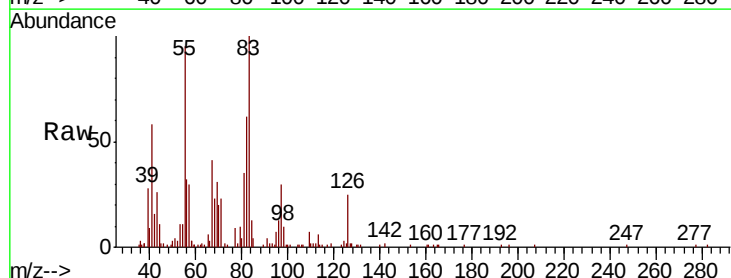
Ion Ratio Lower Upper

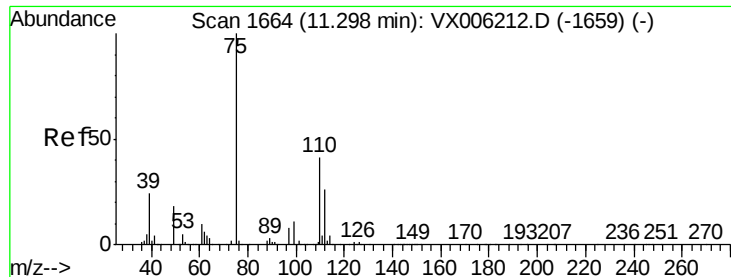
43 100

70 148.6 34.1 51.1#

55 441.5 17.8 26.8#

61 0.0 19.7 29.5#

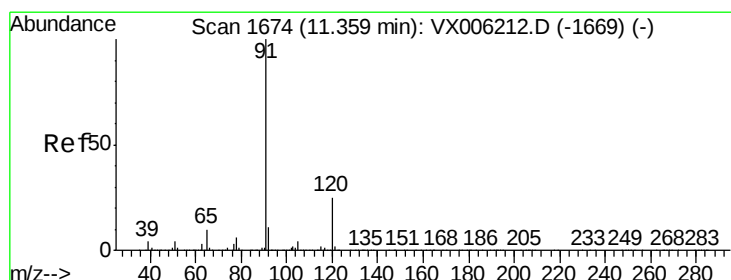
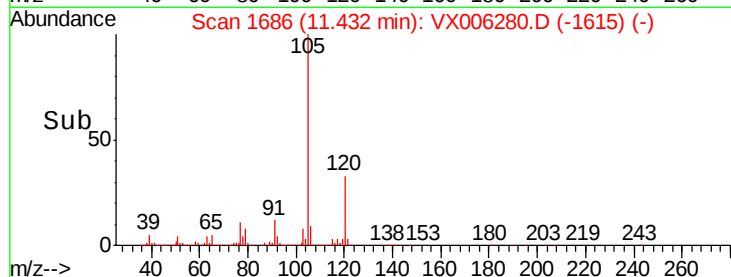
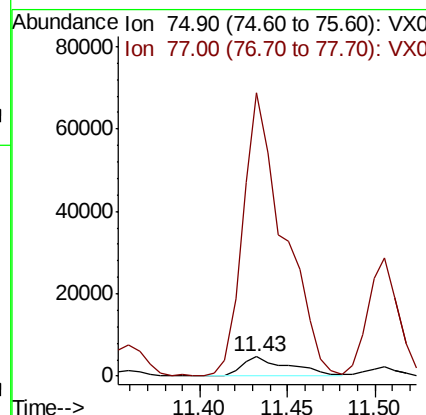
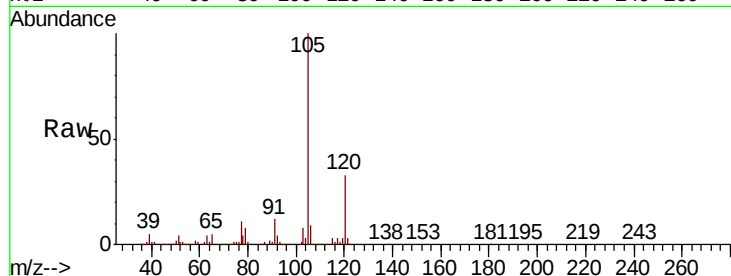




#76
 1,2,3-Trichloropropane
 Concen: 0.750 ug/l
 RT: 11.43 min Scan# 1686
 Delta R.T. 0.13 min
 Lab File: VX006280.D
 Acq: 04 Dec 2018 16:01

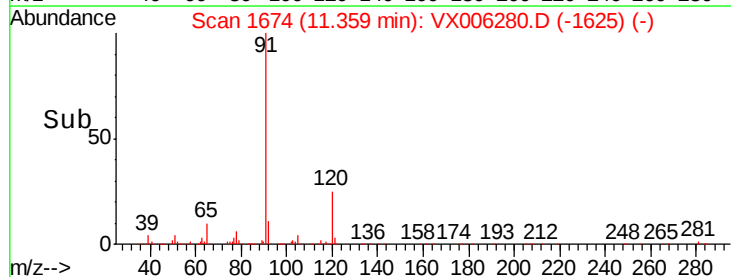
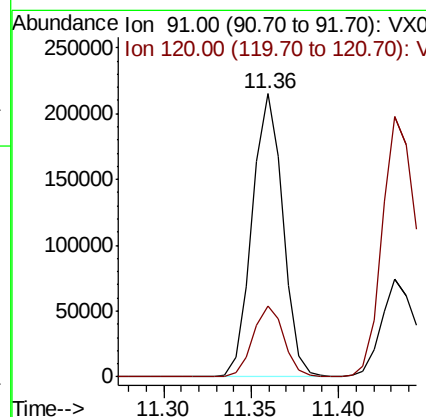
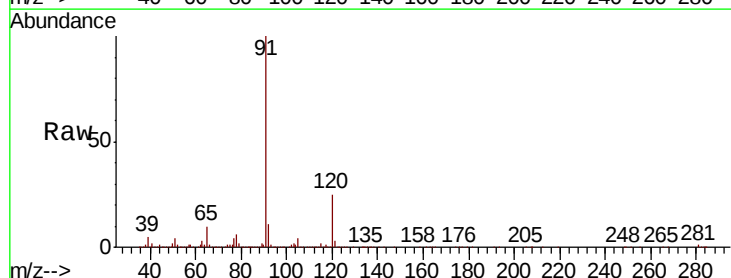
Instrument :
 MSVOA_X
 ClientSampleId :
 GDDL

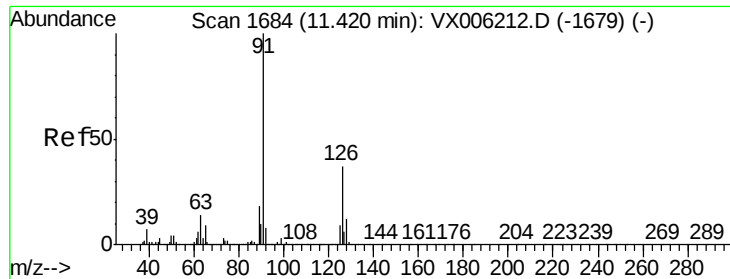
Tot Ion: 75 Resp: 8669
 Ion Ratio Lower Upper
 75 100
 77 1281.7 19.9 59.7#



#78
 n-propylbenzene
 Concen: 5.755 ug/l
 RT: 11.36 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: VX006280.D
 Acq: 04 Dec 2018 16:01

Tgt Ion: 91 Resp: 264508
 Ion Ratio Lower Upper
 91 100
 120 25.3 12.7 38.0





#79

2-Chlorotoluene

Concen: 4.485 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampled :

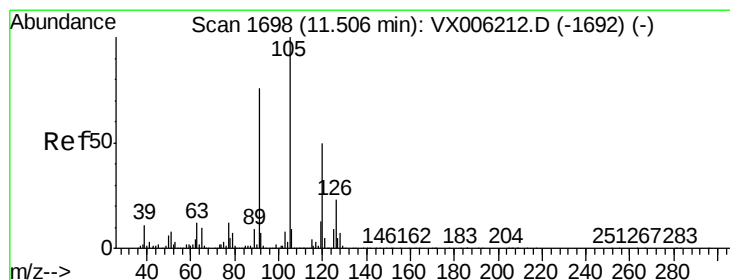
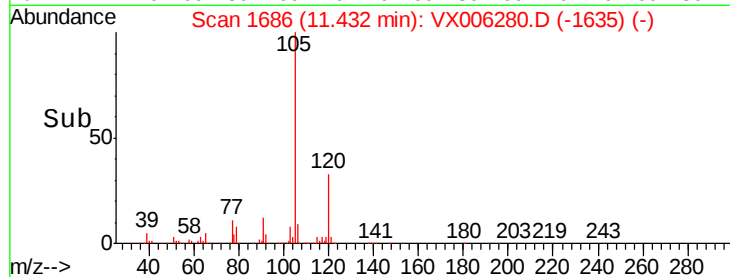
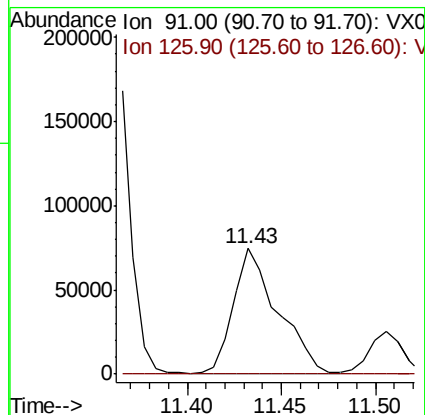
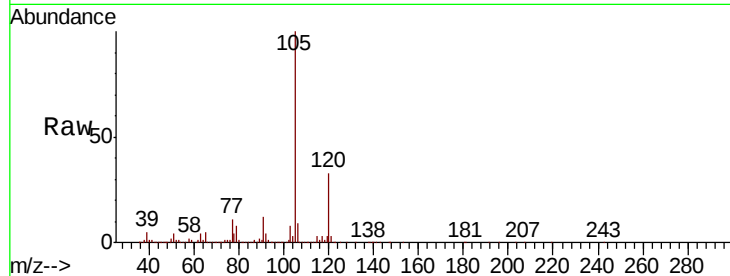
GDDL

Tot Ion: 91 Resp: 122521

Ion Ratio Lower Upper

91 100

126 0.2 18.6 56.0#



#80

1,3,5-Trimethylbenzene

Concen: 8.255 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006280.D

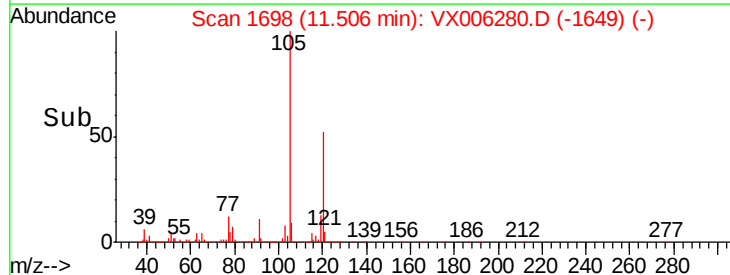
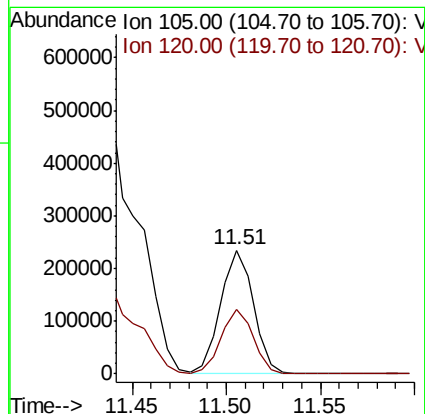
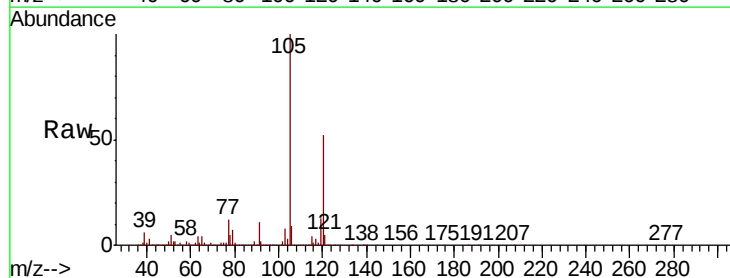
Acq: 04 Dec 2018 16:01

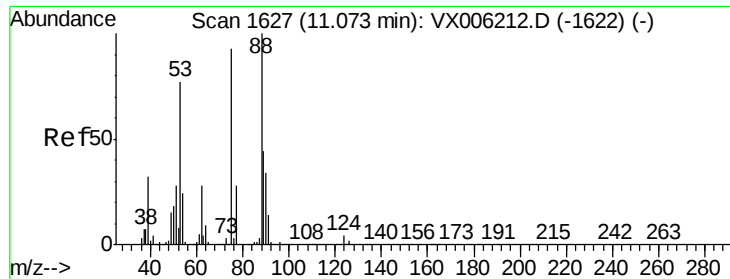
Tgt Ion: 105 Resp: 284004

Ion Ratio Lower Upper

105 100

120 51.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.944 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampled :

GDDL

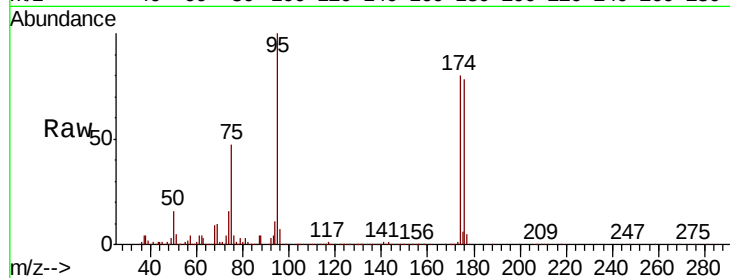
Tot Ion: 75 Resp: 255819

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

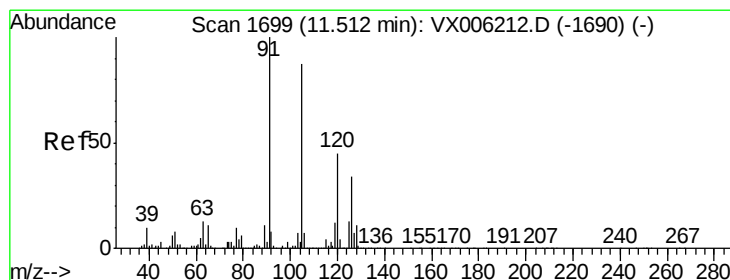
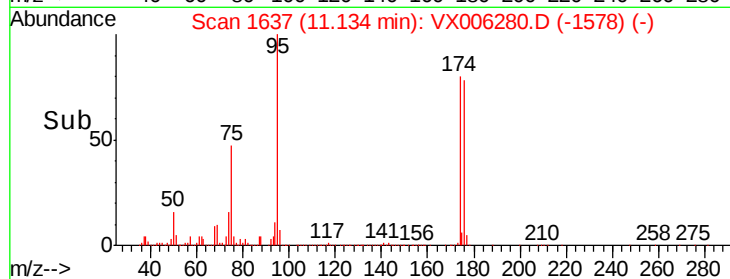
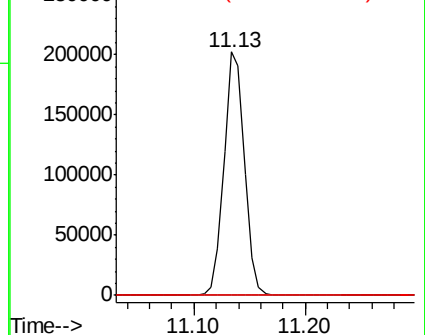
89 0.0 44.2 66.4#



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: 0.967 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX006280.D

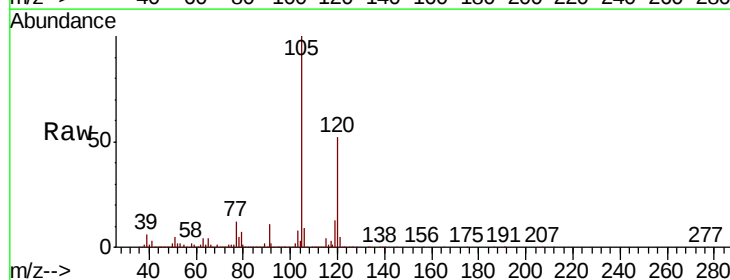
Acq: 04 Dec 2018 16:01

Tgt Ion: 91 Resp: 30703

Ion Ratio Lower Upper

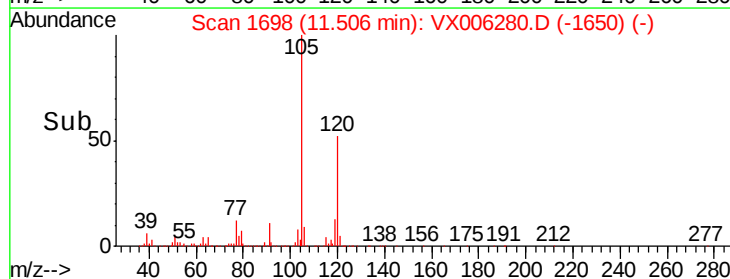
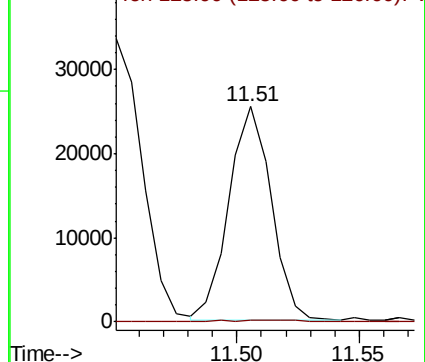
91 100

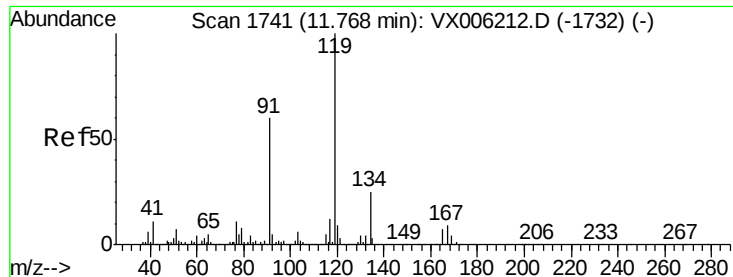
126 1.3 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 3.390 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.04 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

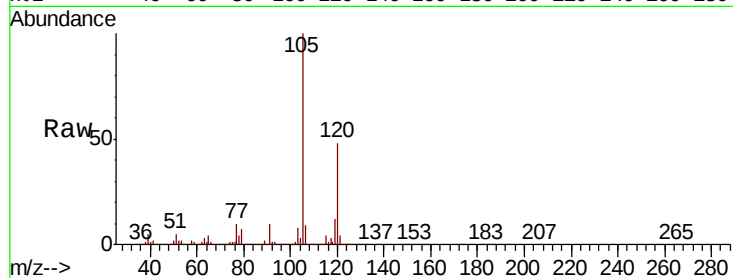
Tot Ion:119 Resp: 124438

Ion Ratio Lower Upper

119 100

91 82.6 26.4 79.2#

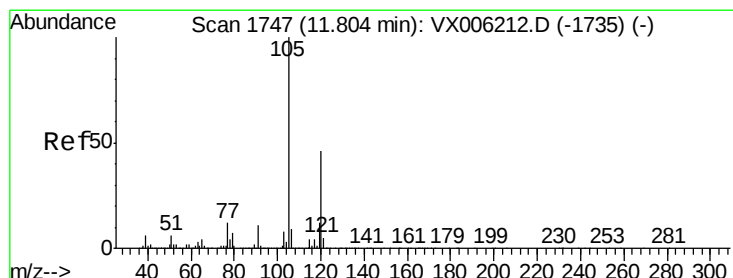
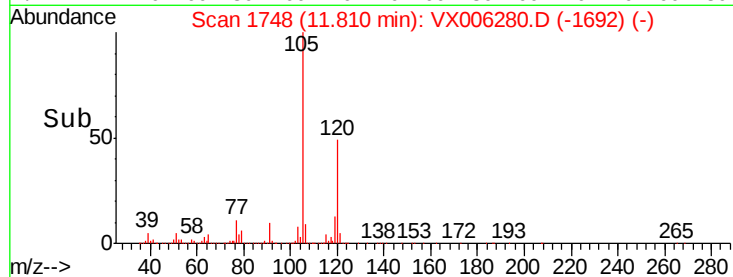
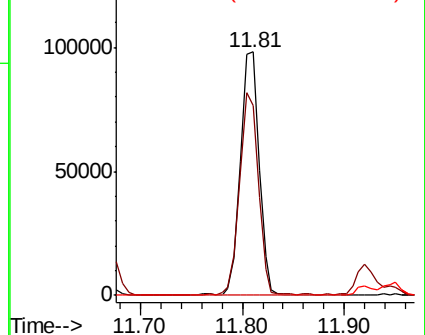
134 0.0 11.6 34.7#



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: 28.447 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006280.D

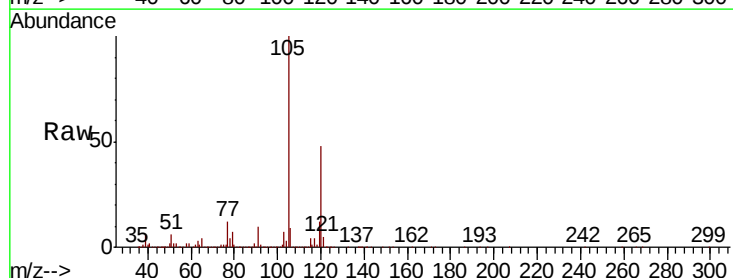
Acq: 04 Dec 2018 16:01

Tgt Ion:105 Resp: 1010598

Ion Ratio Lower Upper

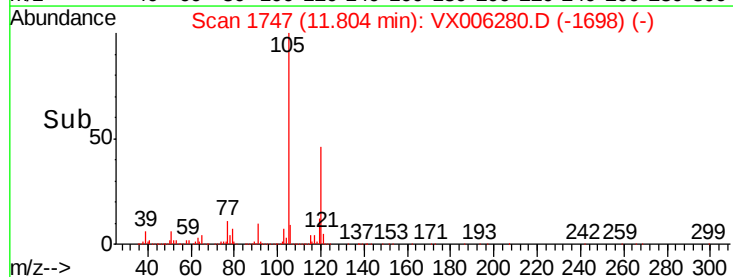
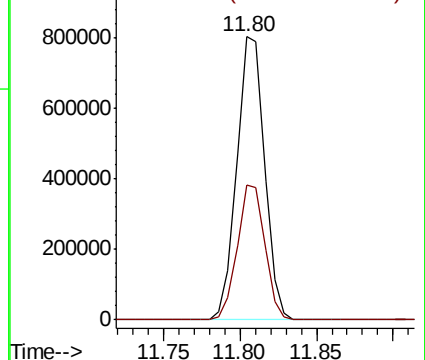
105 100

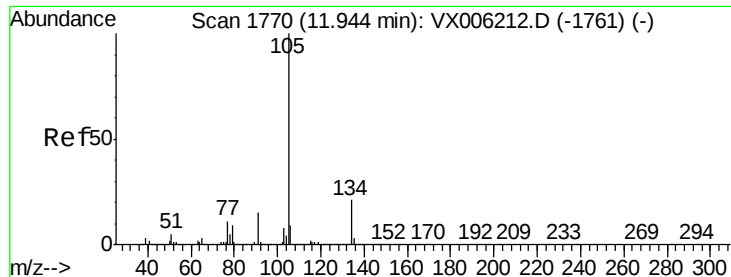
120 47.3 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

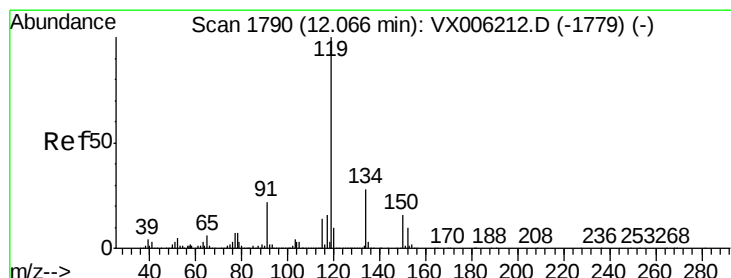
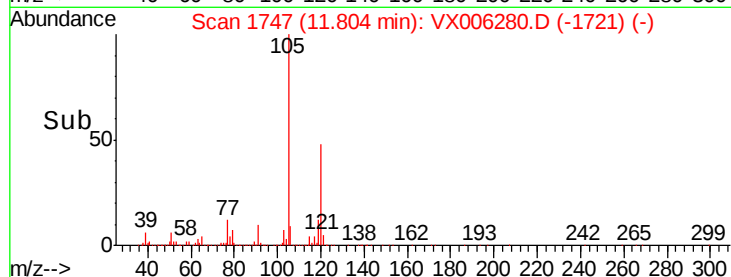
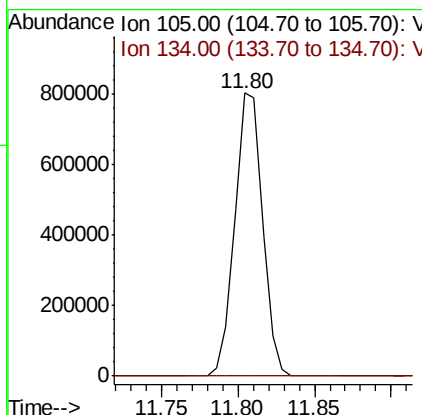
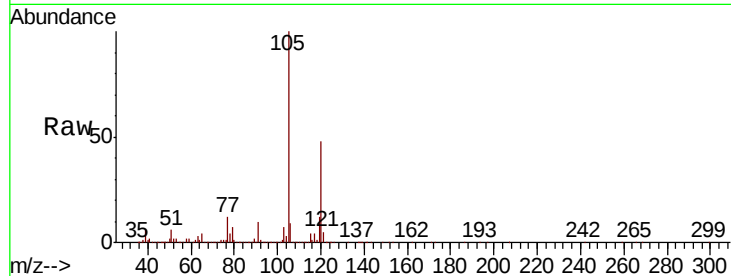




#85
 sec-Butylbenzene
 Concen: 24.199 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.14 min
 Lab File: VX006280.D
 Acq: 04 Dec 2018 16:01

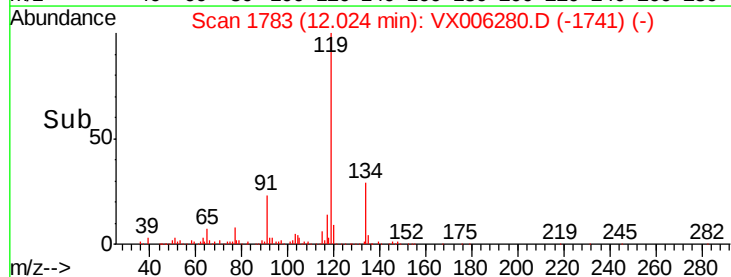
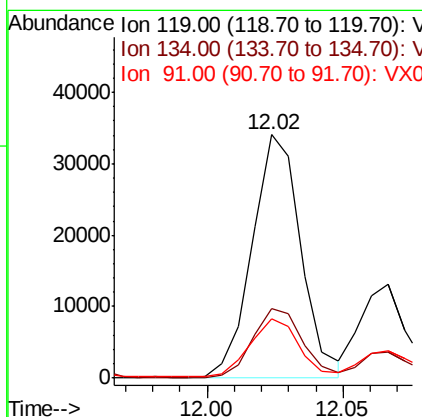
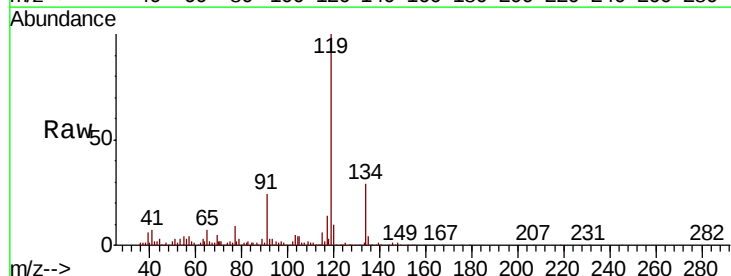
Instrument :
 MSVOA_X
 ClientSampleId :
 GDDL

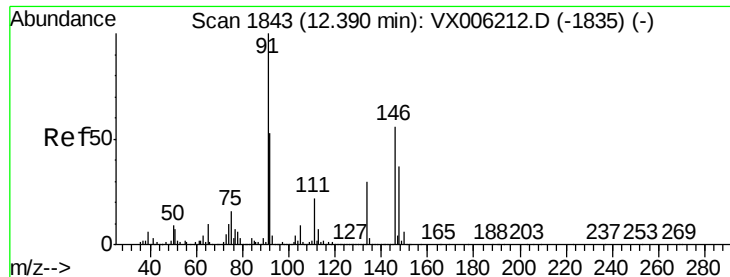
Tot Ion:105 Resp: 1010598
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.8 32.4#



#86
 p-Isopropyltoluene
 Concen: 1.128 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.04 min
 Lab File: VX006280.D
 Acq: 04 Dec 2018 16:01

Tgt Ion:119 Resp: 42419
 Ion Ratio Lower Upper
 119 100
 134 29.8 13.9 41.6
 91 23.4 11.3 33.8





#89

n-Butylbenzene

Concen: 2.650 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampled :

GDDL

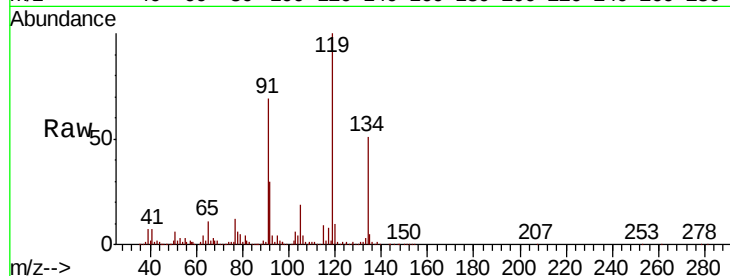
Tot Ion: 91 Resp: 85021

Ion Ratio Lower Upper

91 100

92 35.2 26.6 79.8

134 110.3 14.8 44.3#

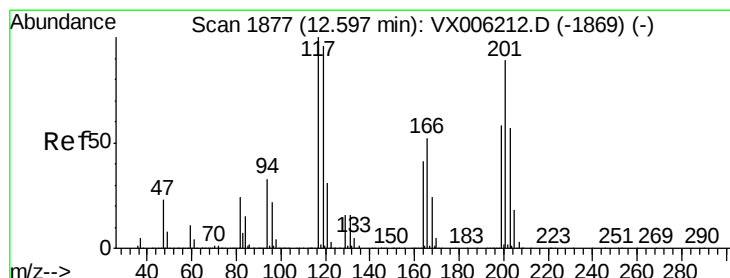
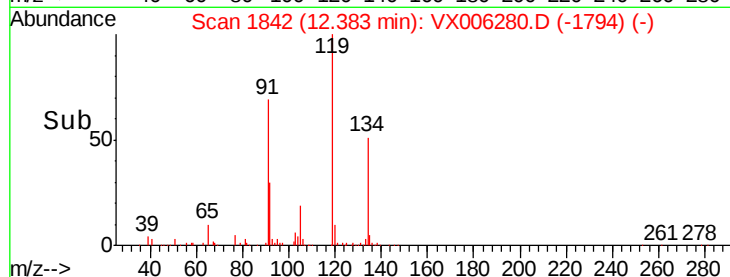


Abundance Ion 91.00 (90.70 to 91.70): VX006212.D (-1835) (-)

Ion 92.00 (91.70 to 92.70): VX006212.D (-1835) (-)

Ion 134.00 (133.70 to 134.70): VX006212.D (-1835) (-)

Time-->



#90

Hexachloroethane

Concen: 1.411 ug/l

RT: 12.58 min Scan# 1875

Delta R.T. -0.01 min

Lab File: VX006280.D

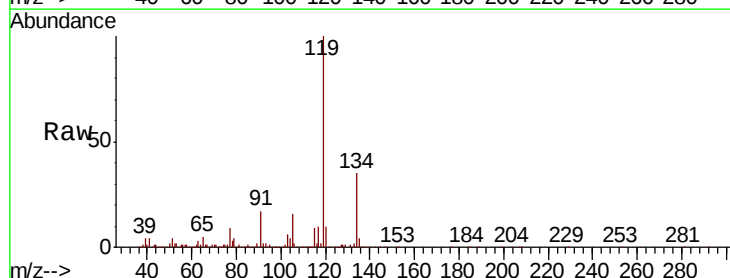
Acq: 04 Dec 2018 16:01

Tgt Ion: 117 Resp: 10811

Ion Ratio Lower Upper

117 100

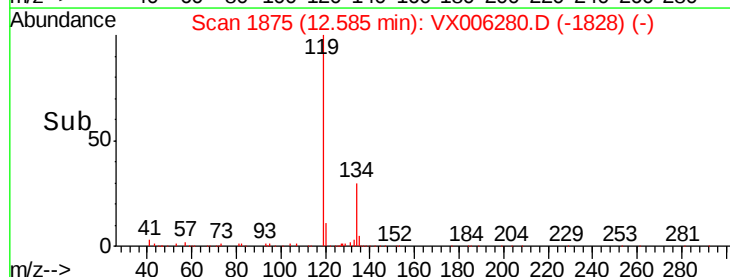
201 0.0 44.7 134.1#

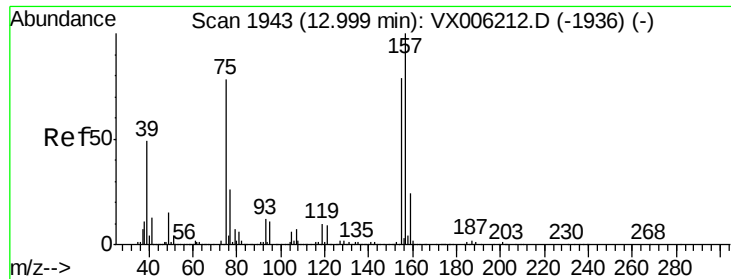


Abundance Ion 116.80 (116.50 to 117.50): VX006212.D (-1869) (-)

Ion 200.70 (200.40 to 201.40): VX006212.D (-1869) (-)

Time-->





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.343 ug/l

RT: 13.02 min Scan# 1946

Delta R.T. 0.02 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Instrument :

MSVOA_X

ClientSampleId :

GDDL

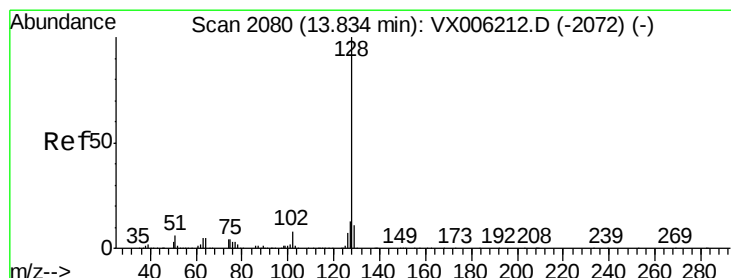
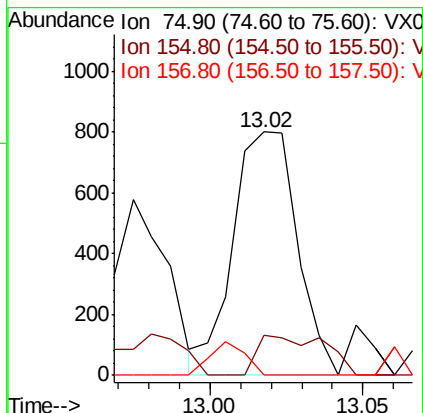
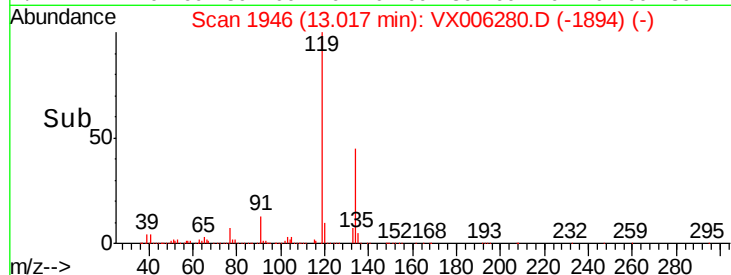
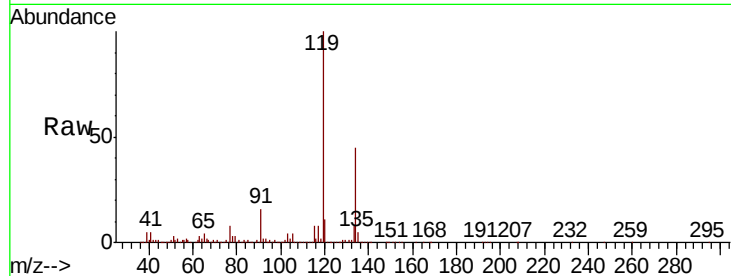
Tot Ion: 75 Resp: 1163

Ion Ratio Lower Upper

75 100

155 17.4 53.4 160.3#

157 7.7 68.0 203.8#



#95

Naphthalene

Concen: 2.558 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006280.D

Acq: 04 Dec 2018 16:01

Tgt Ion:128 Resp: 117642

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.9 8.9 13.3

