

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071318\
 Data File : VX003379.D
 Acq On : 13 Jul 2018 23:21
 Operator : JC/MD
 Sample : J3966-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

Quant Time: Jul 14 02:49:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 13 17:01:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269908	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	399366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373260	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	204913	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	176062	59.88	ug/l	0.00
Spiked Amount			Recovery	=	119.76%	
35) Dibromofluoromethane	5.51	113	152375	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	
50) Toluene-d8	8.72	98	570570	59.50	ug/l	0.00
Spiked Amount			Recovery	=	119.00%	
62) 4-Bromofluorobenzene	11.14	95	199911	48.84	ug/l	0.00
Spiked Amount			Recovery	=	97.68%	

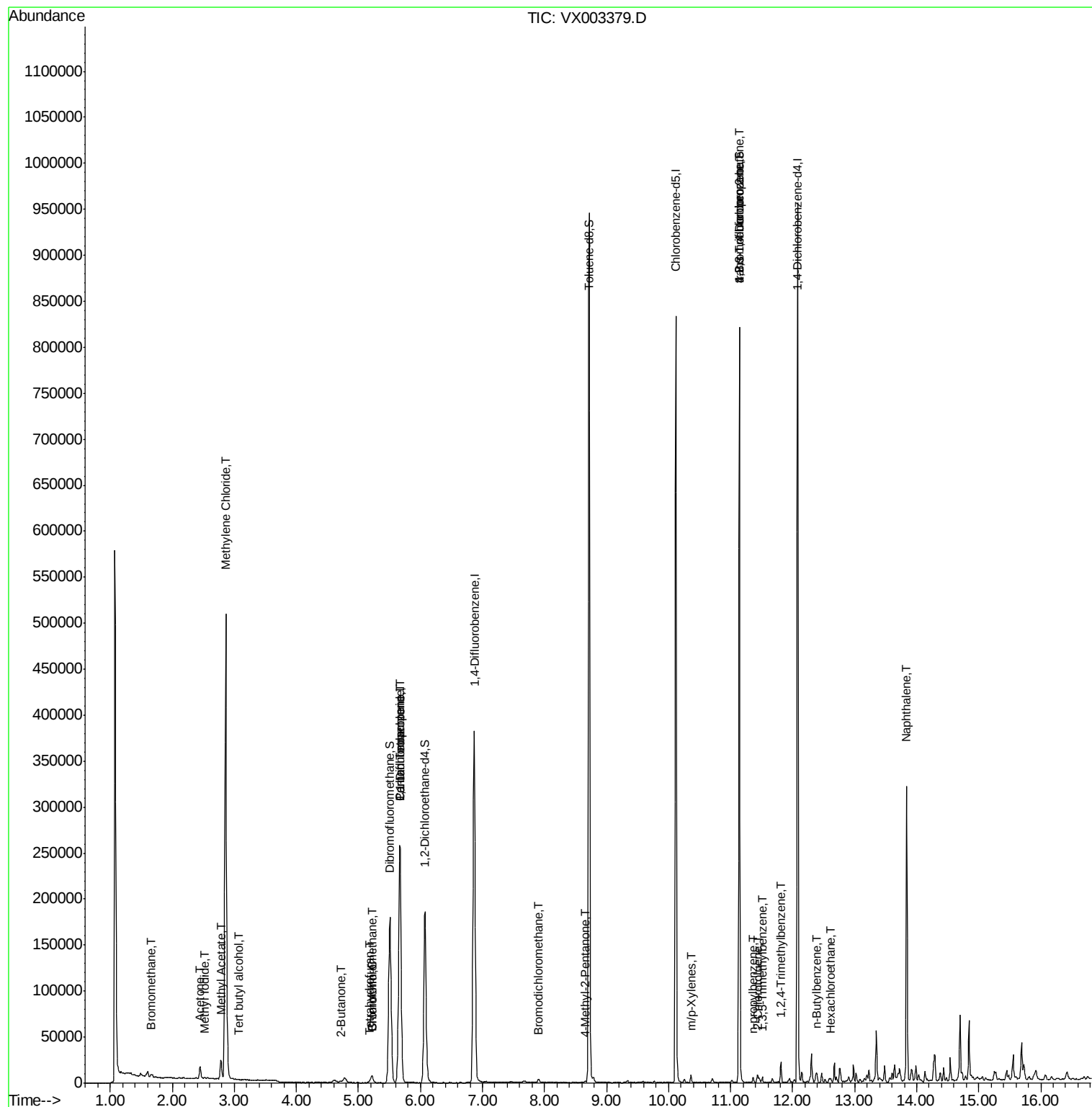
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	91	Below Cal		83
3) Chloromethane	1.33	50	1159	Below Cal		90
5) Bromomethane	1.65	94	1350	0.68	ug/l	95
6) Chloroethane	1.72	64	114	Below Cal	#	43
10) Methyl Iodide	2.52	142	2091	0.64	ug/l	97
11) Tert butyl alcohol	3.08	59	559	0.71	ug/l	# 73
13) Acrolein	2.29	56	116	Below Cal	#	1
16) Acetone	2.45	43	14302	9.44	ug/l	# 82
18) Methyl Acetate	2.78	43	25475	5.42	ug/l	92
20) Methylene Chloride	2.86	84	242781	75.96	ug/l	92
25) 2-Butanone	4.71	43	3199	1.36	ug/l	# 90
28) Bromochloromethane	5.21	49	732	0.26	ug/l	# 13
29) Tetrahydrofuran	5.18	42	1203	0.80	ug/l	97
30) Chloroform	5.21	83	8691	1.49	ug/l	96
36) 1,1-Dichloropropene	5.67	75	17696	4.17	ug/l	# 50
38) Carbon Tetrachloride	5.67	117	23692	5.48	ug/l	# 17
47) Bromodichloromethane	7.90	83	2127	0.50	ug/l	# 86
51) 4-Methyl-2-Pentanone	8.65	43	1169	0.25	ug/l	90
68) m/p-Xylenes	10.36	106	2081	0.35	ug/l	96
76) 1,2,3-Trichloropropane	11.14	75	96555	23.85	ug/l	# 33
78) n-propylbenzene	11.36	91	3340	0.21	ug/l	96
79) 2-Chlorotoluene	11.43	91	2567	0.26	ug/l	79
80) 1,3,5-Trimethylbenzene	11.51	105	2791	0.24	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	96555	79.52	ug/l	# 7
84) 1,2,4-Trimethylbenzene	11.81	105	9068	0.76	ug/l	98
89) n-Butylbenzene	12.39	91	2876	0.27	ug/l	# 66
90) Hexachloroethane	12.61	117	500	0.27	ug/l	# 1
95) Naphthalene	13.83	128	201891	14.08	ug/l	100

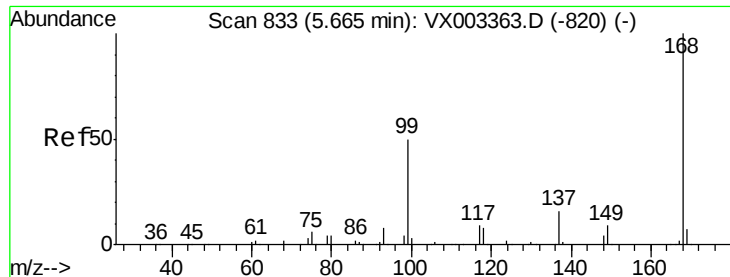
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 13 17:01:02 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

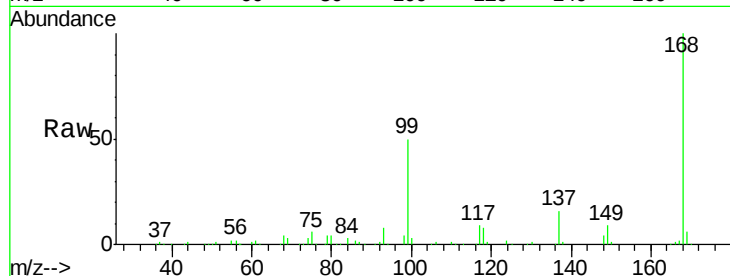
72-11977

Tot Ion:168 Resp: 269908

Ion Ratio Lower Upper

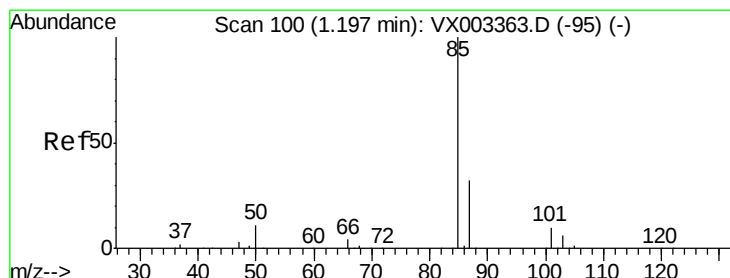
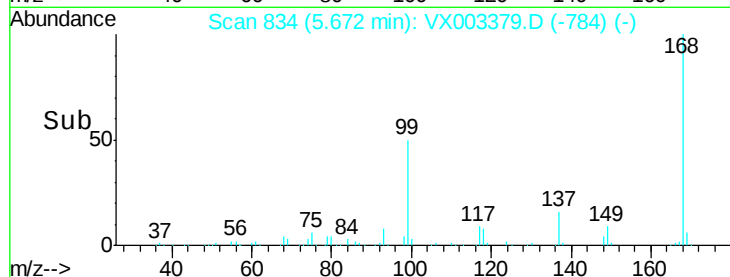
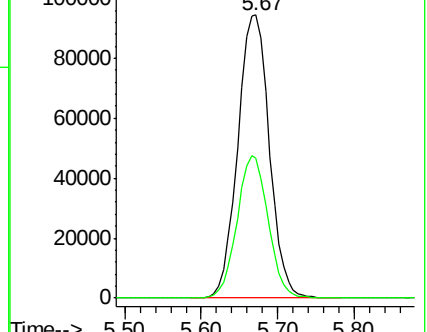
168 100

99 49.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003379.D

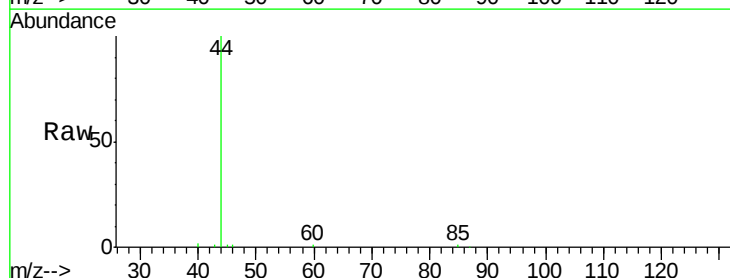
Acq: 13 Jul 2018 23:21

Tgt Ion: 85 Resp: 91

Ion Ratio Lower Upper

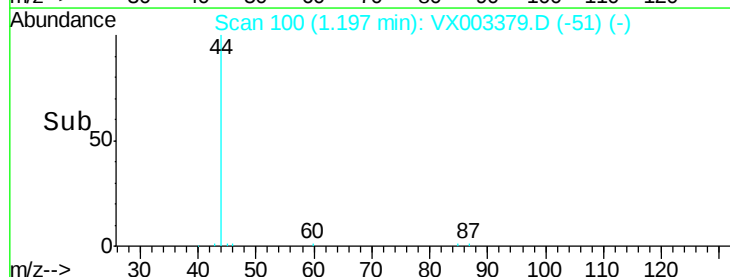
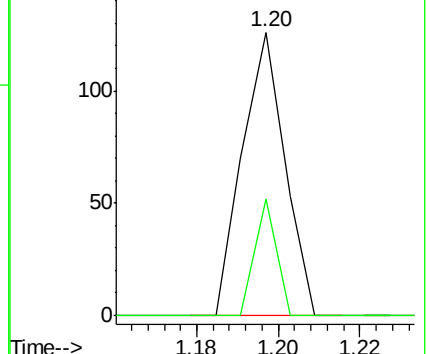
85 100

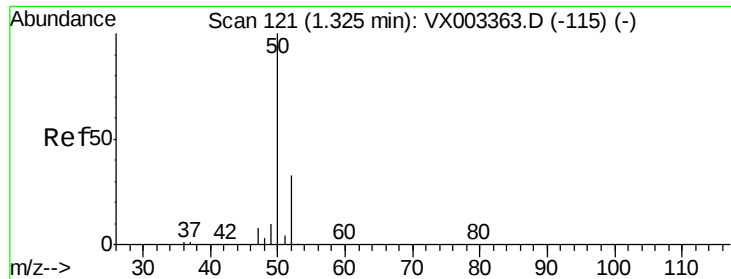
87 41.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

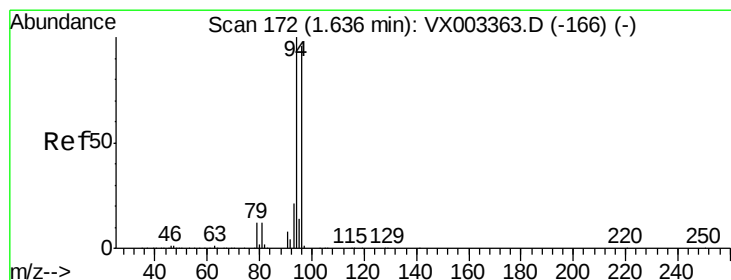
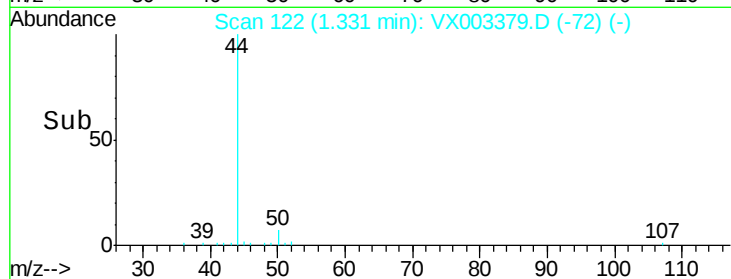
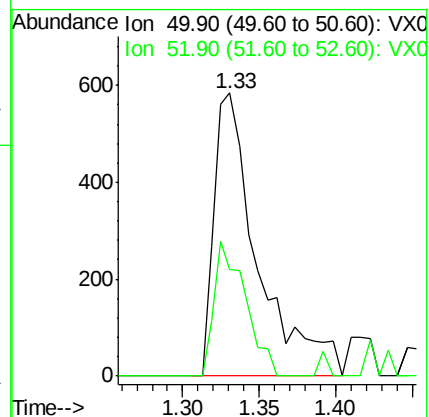
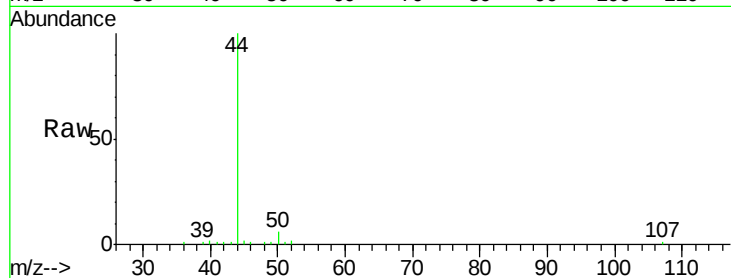
72-11977

Tot Ion: 50 Resp: 1159

Ion Ratio Lower Upper

50 100

52 37.5 25.7 38.5



#5

Bromomethane

Concen: 0.68 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003379.D

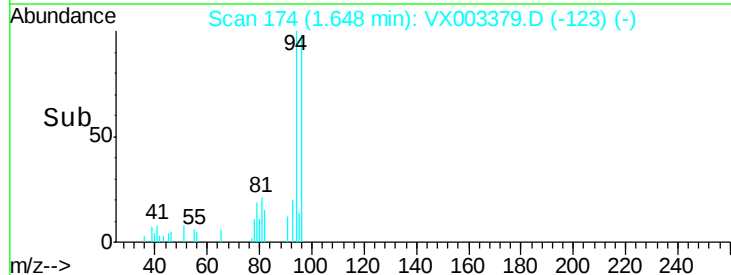
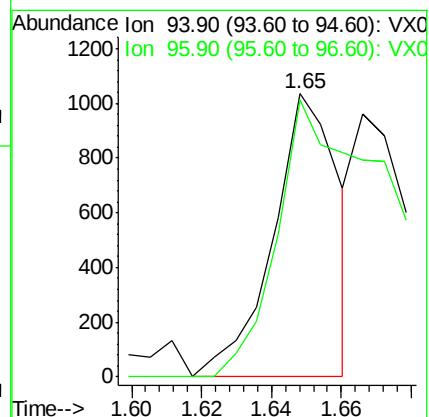
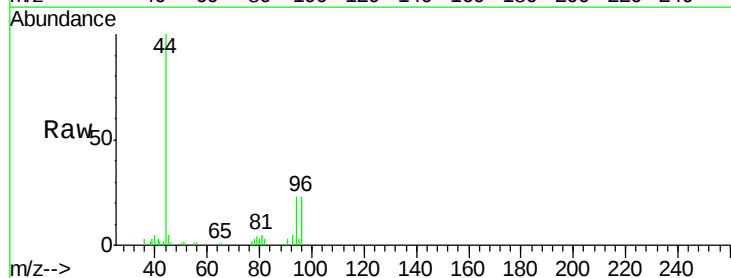
Acq: 13 Jul 2018 23:21

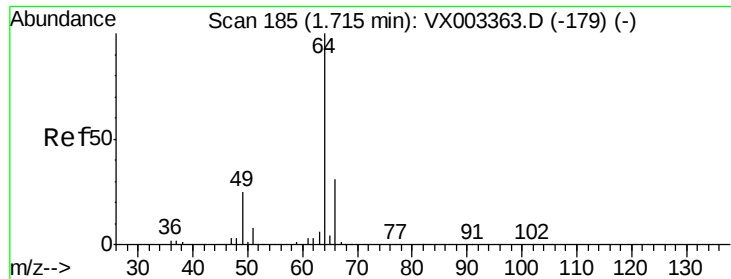
Tgt Ion: 94 Resp: 1350

Ion Ratio Lower Upper

94 100

96 98.1 74.9 112.3





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

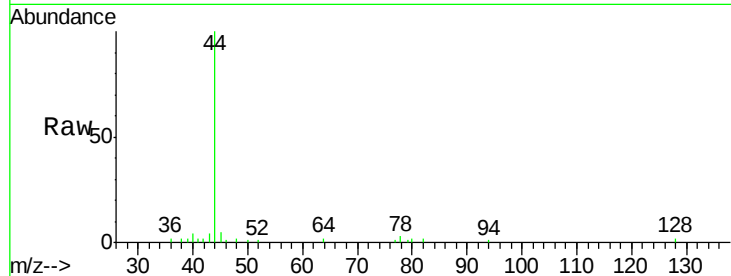
72-11977

Tot Ion: 64 Resp: 114

Ion Ratio Lower Upper

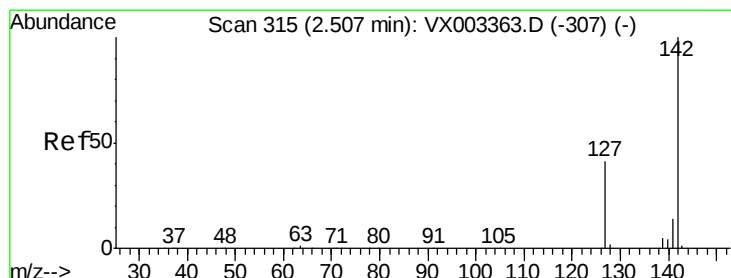
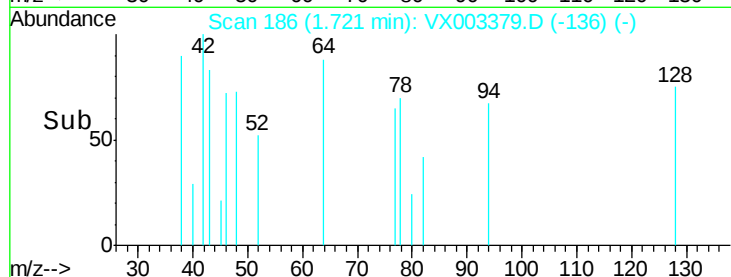
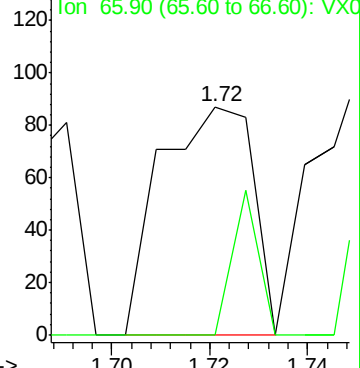
64 100

66 0.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 0.64 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

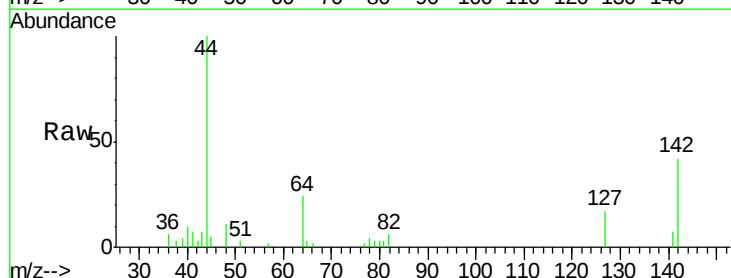
Tgt Ion:142 Resp: 2091

Ion Ratio Lower Upper

142 100

127 43.5 36.6 55.0

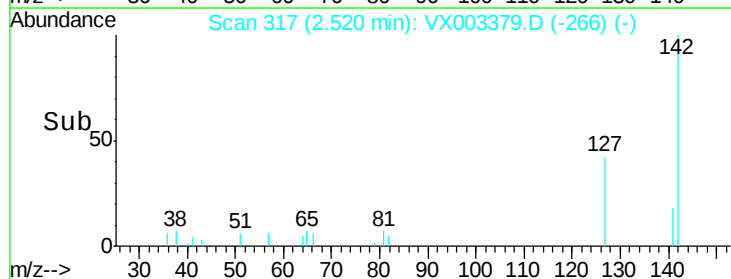
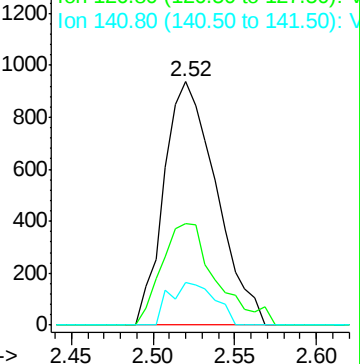
141 15.2 11.3 16.9

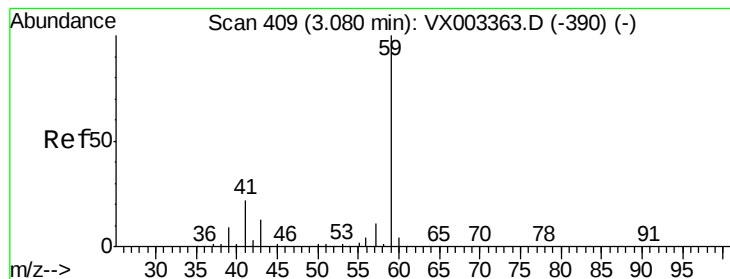


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



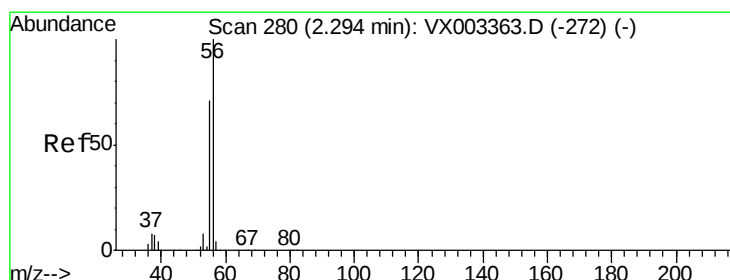
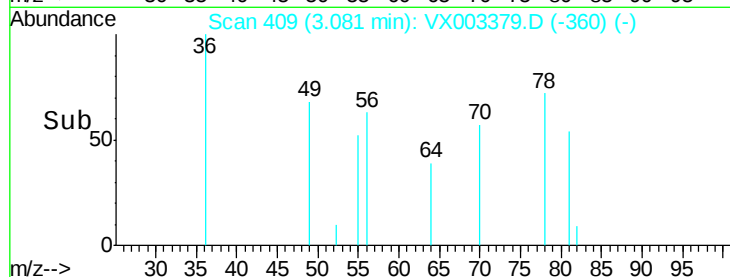
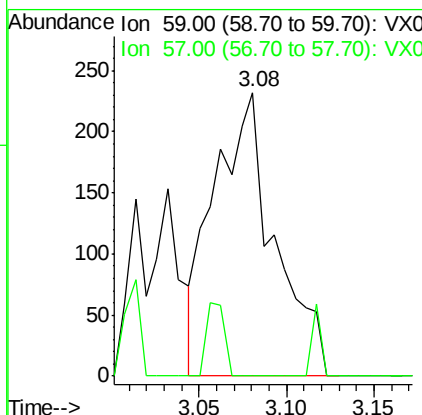
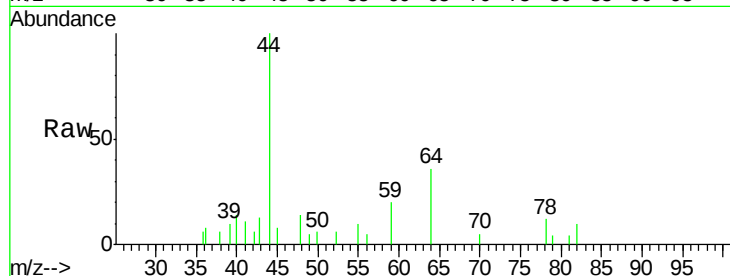


#11

Tert butyl alcohol
 Concen: 0.71 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

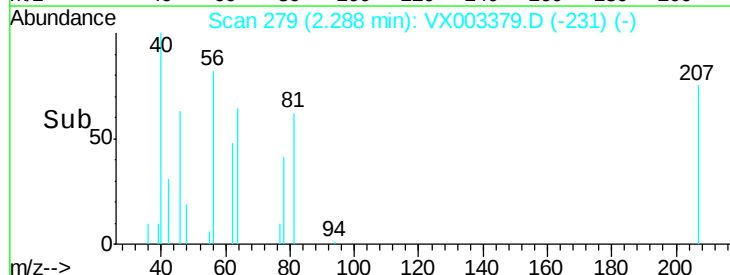
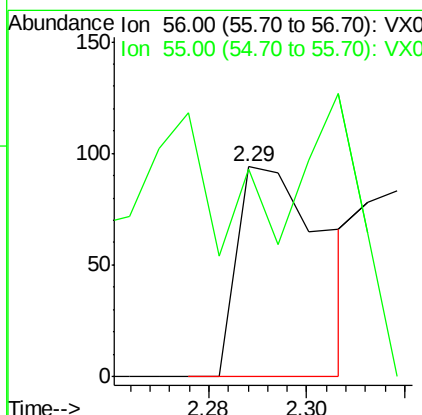
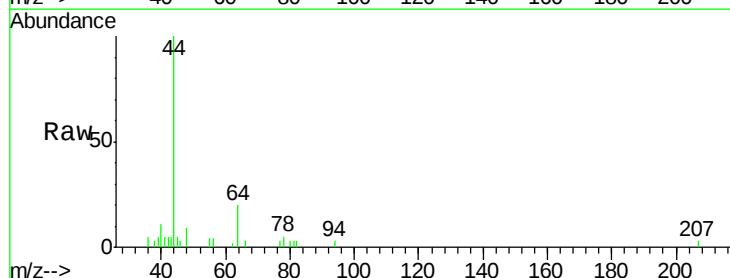
Tot Ion: 59 Resp: 559
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

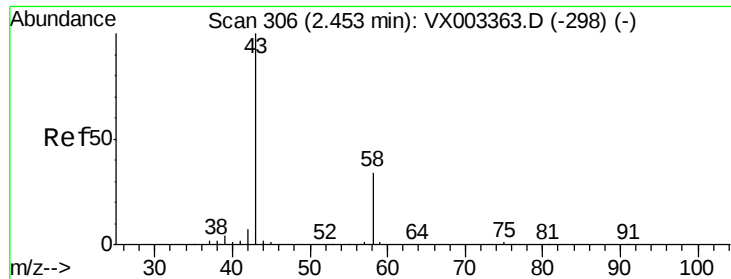


#13

Acrolein
 Concen: Below Cal
 RT: 2.29 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

Tgt Ion: 56 Resp: 116
 Ion Ratio Lower Upper
 56 100
 55 212.1 57.0 85.4#





#16

Acetone

Concen: 9.44 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

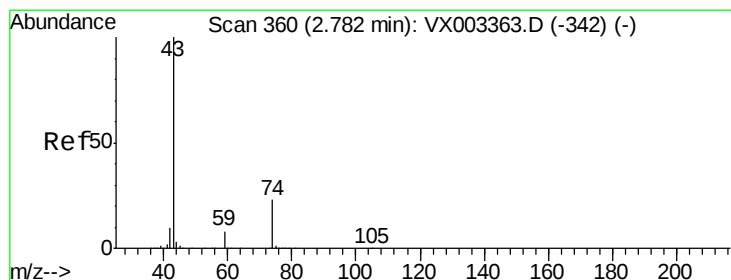
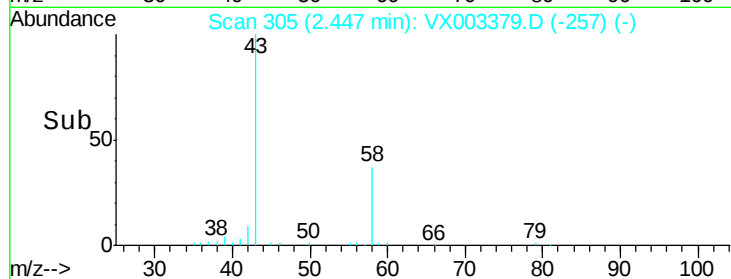
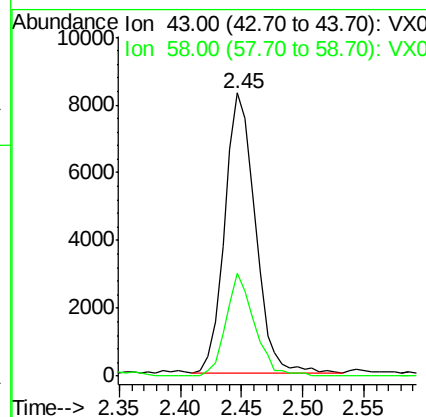
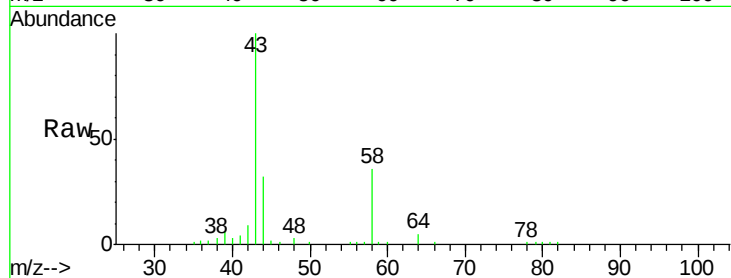
72-11977

Tot Ion: 43 Resp: 14302

Ion Ratio Lower Upper

43 100

58 36.8 22.1 33.1#



#18

Methyl Acetate

Concen: 5.42 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003379.D

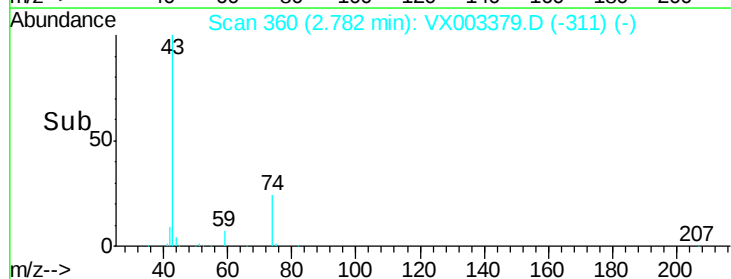
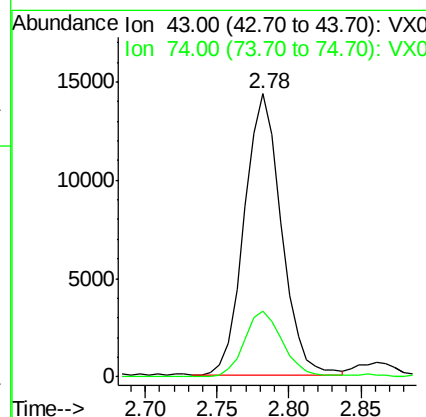
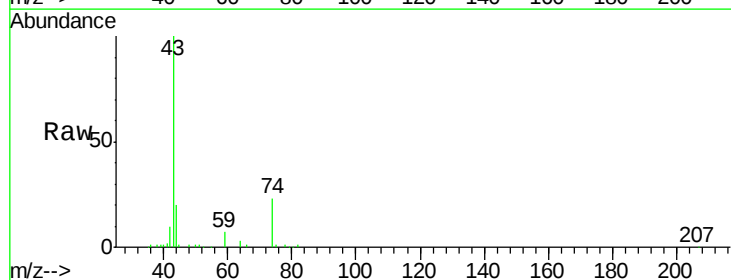
Acq: 13 Jul 2018 23:21

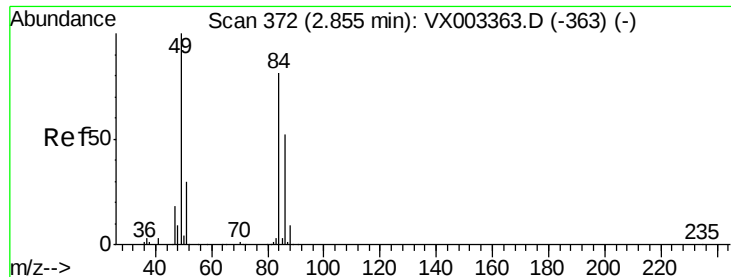
Tgt Ion: 43 Resp: 25475

Ion Ratio Lower Upper

43 100

74 24.4 16.7 25.1

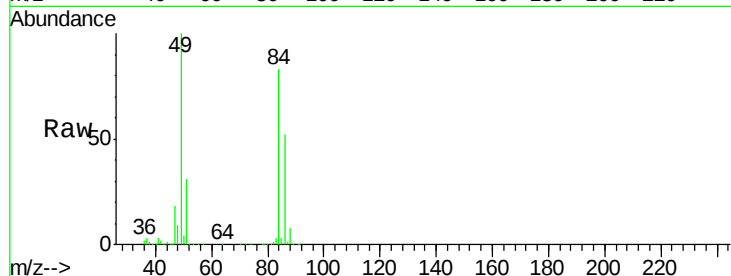




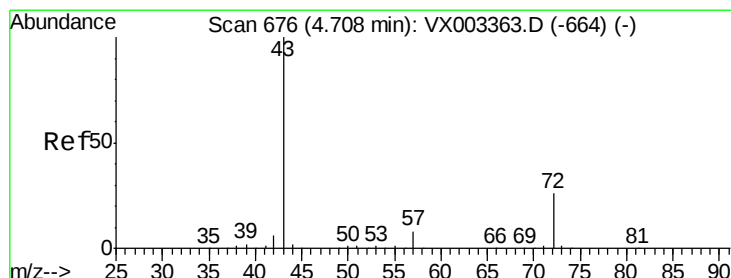
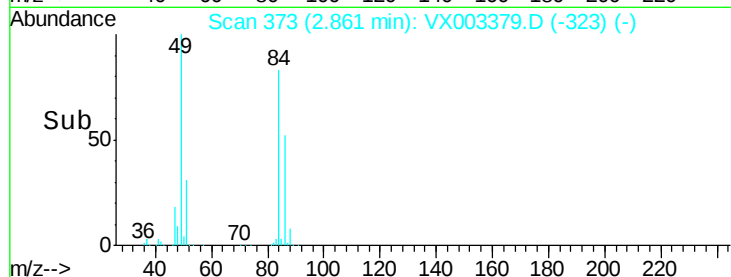
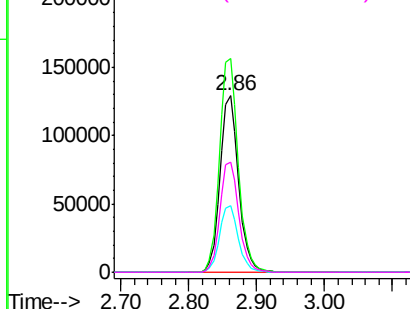
#20
Methvlene Chloride
Concen: 75.96 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
72-11977

Tot Ion: 84 Resp: 242781
Ion Ratio Lower Upper
84 100
49 121.0 107.8 161.6
51 37.6 32.8 49.2
86 62.6 52.5 78.7

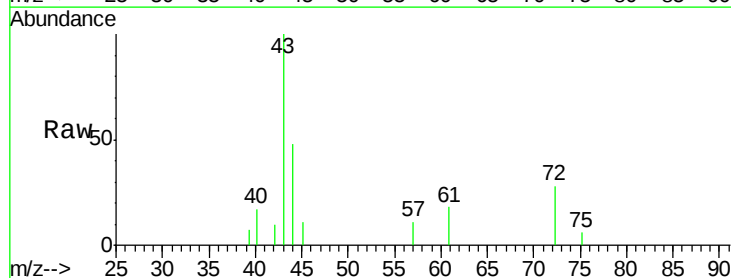


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

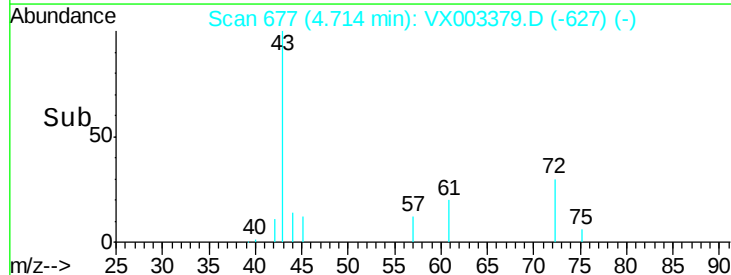
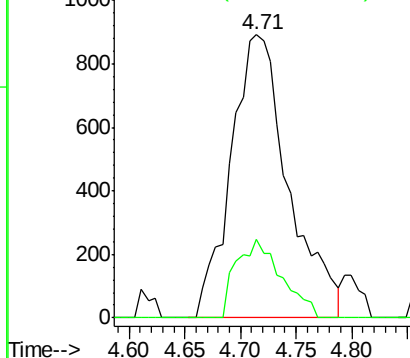


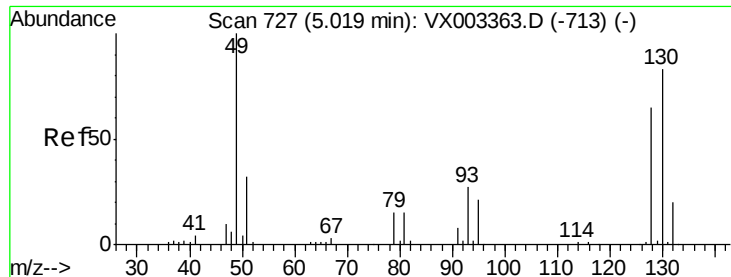
#25
2-Butanone
Concen: 1.36 ug/l
RT: 4.71 min Scan# 677
Delta R.T. 0.01 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

Tgt Ion: 43 Resp: 3199
Ion Ratio Lower Upper
43 100
72 27.9 18.5 27.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: 0.26 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.20 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

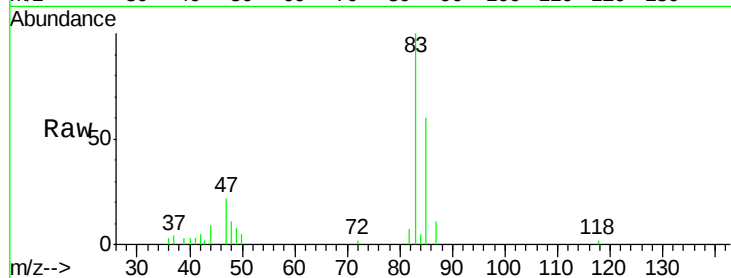
Tot Ion: 49 Resp: 732

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 0.0 61.2 91.8#

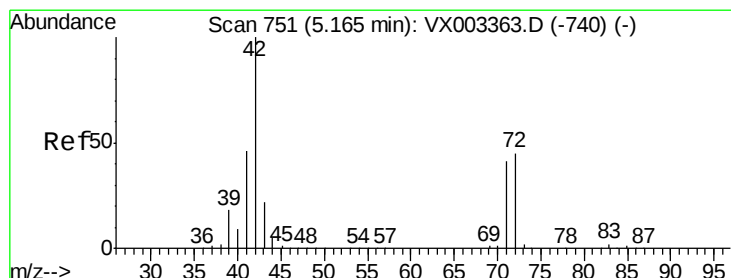
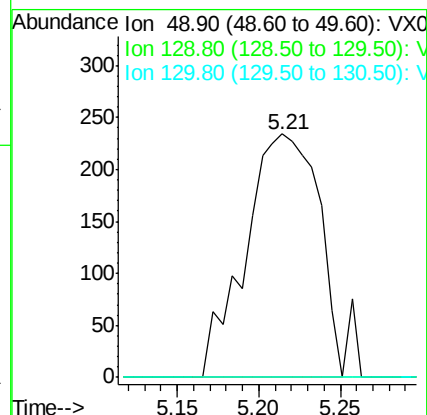
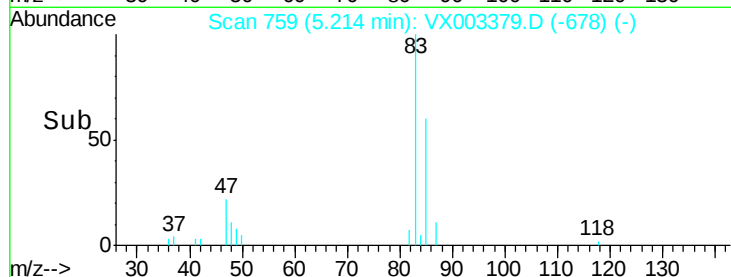


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

Time-->



#29

Tetrahydrofuran

Concen: 0.80 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

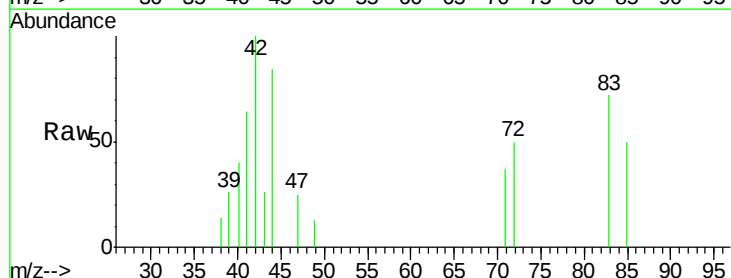
Tgt Ion: 42 Resp: 1203

Ion Ratio Lower Upper

42 100

72 40.9 32.0 48.0

71 34.7 30.1 45.1

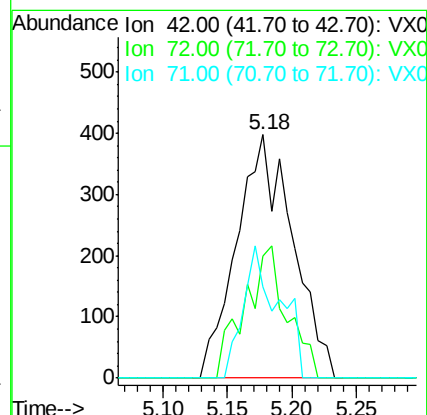
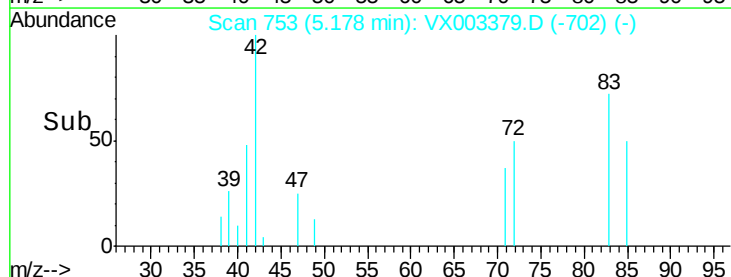


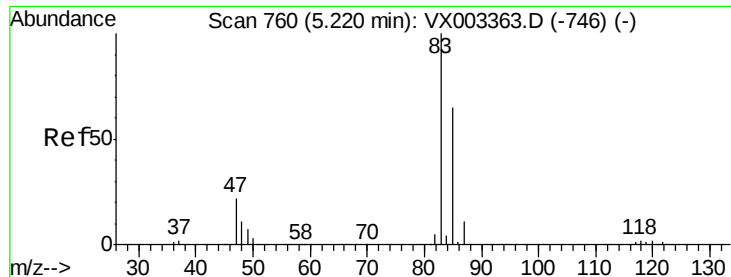
Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

Time-->

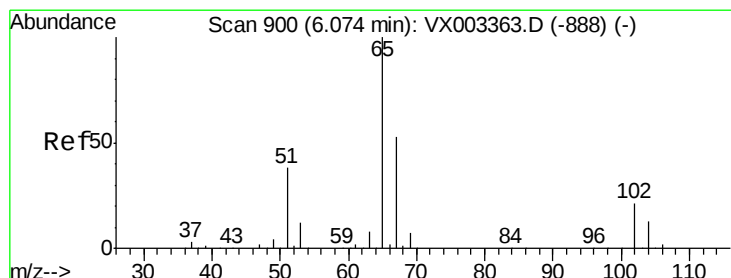
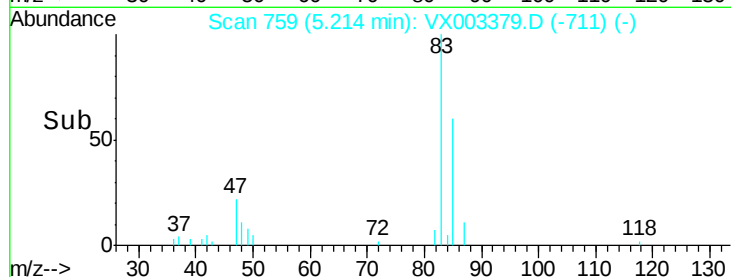
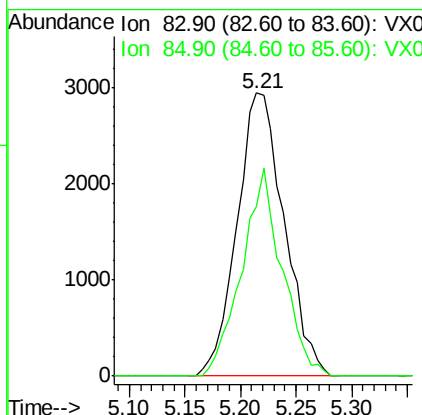
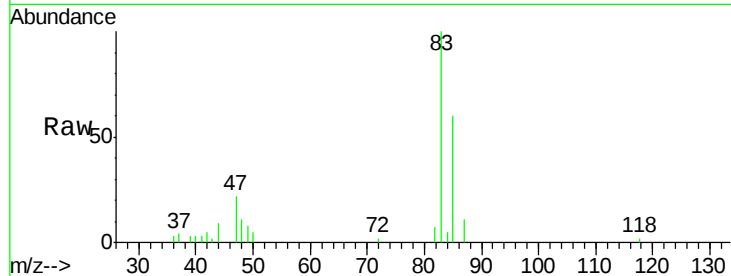




#30
Chloroform
Concen: 1.49 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

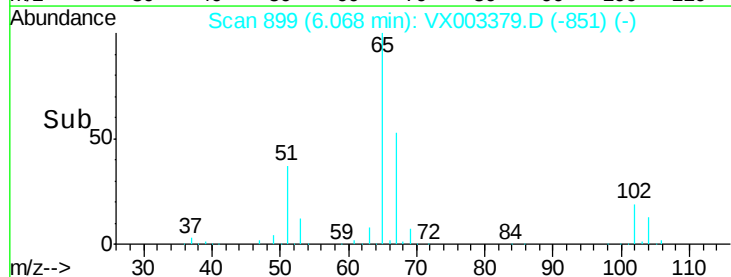
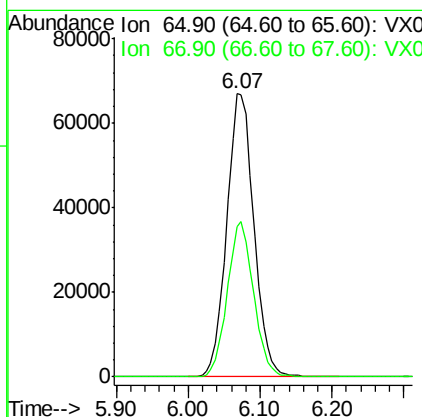
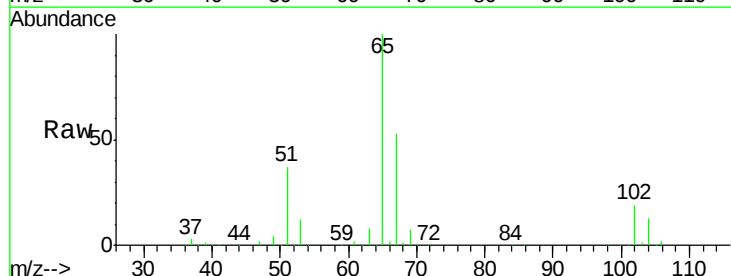
Instrument :
MSVOA_X
ClientSampleId :
72-11977

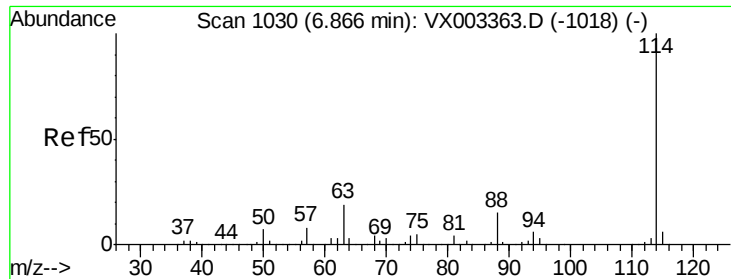
Tot Ion: 83 Resp: 8691
Ion Ratio Lower Upper
83 100
85 59.8 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 59.88 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.01 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

Tgt Ion: 65 Resp: 176062
Ion Ratio Lower Upper
65 100
67 53.1 0.0 102.6

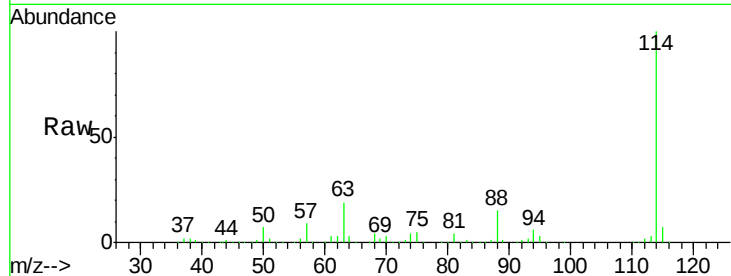




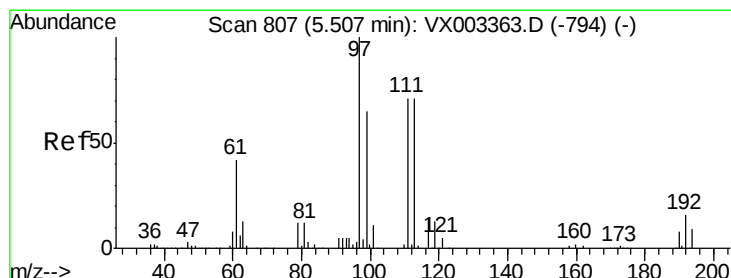
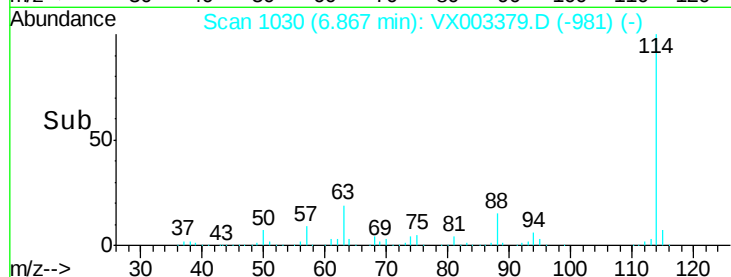
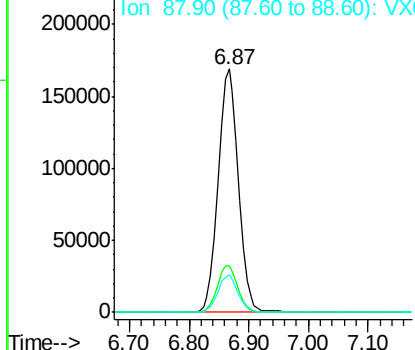
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

Tot Ion:114 Resp: 399366
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.4
 88 15.4 0.0 30.0

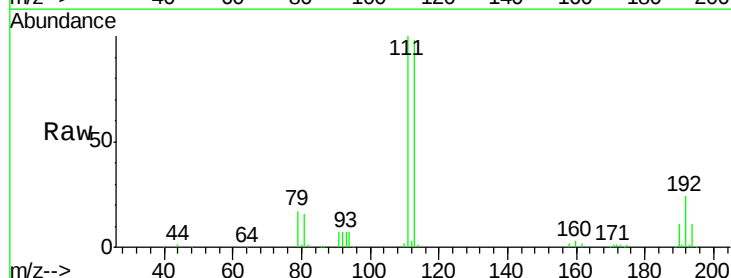


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

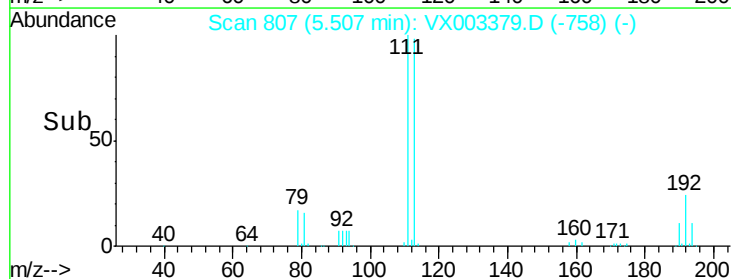
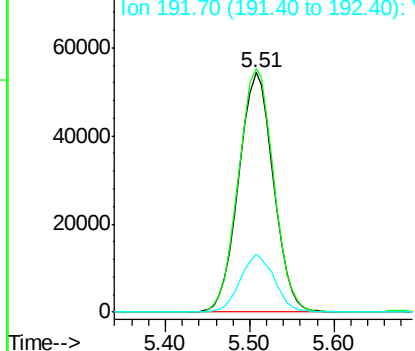


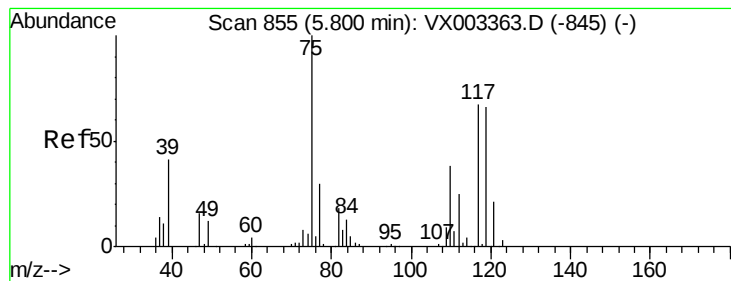
#35
 Dibromofluoromethane
 Concen: 51.84 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

Tgt Ion:113 Resp: 152375
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.4 122.0
 192 23.5 19.1 28.7



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: 4.17 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.13 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

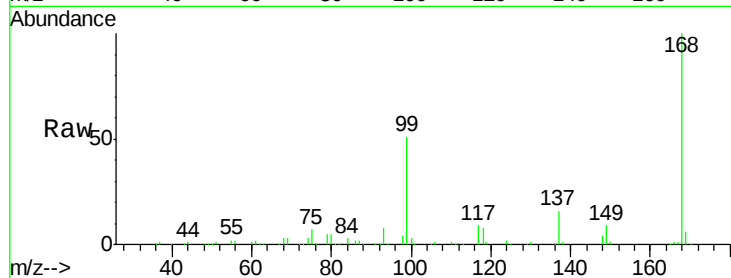
Tot Ion: 75 Resp: 17696

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.4#

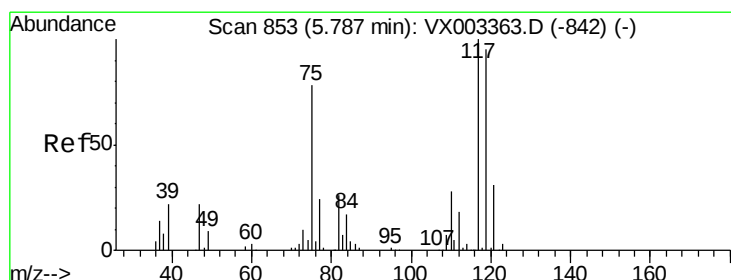
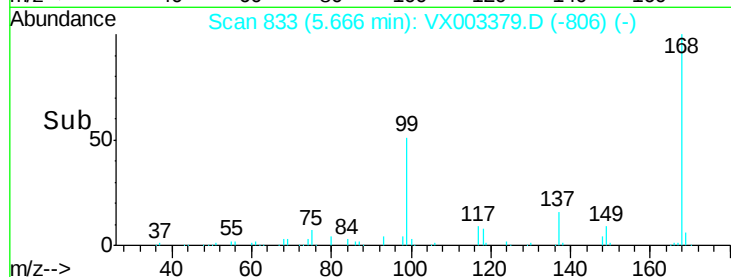
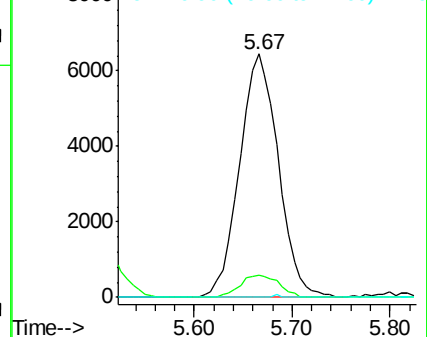
77 0.1 24.3 36.5#



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: 5.48 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

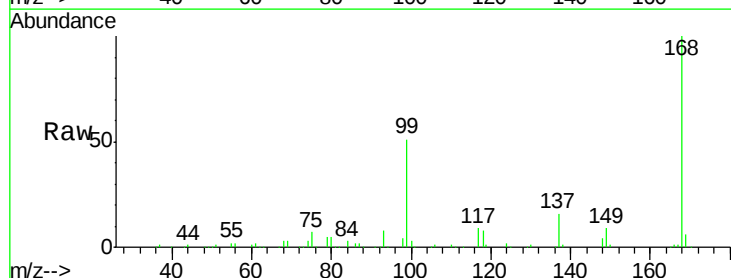
Tgt Ion: 117 Resp: 23692

Ion Ratio Lower Upper

117 100

119 6.5 77.4 116.0#

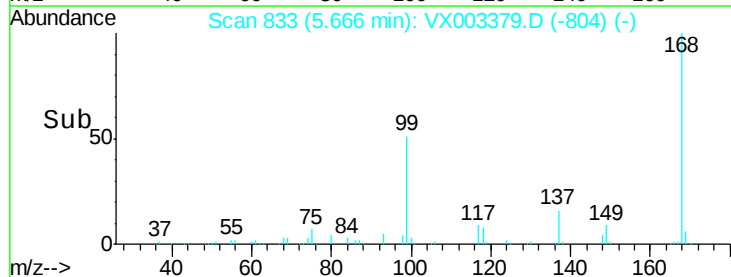
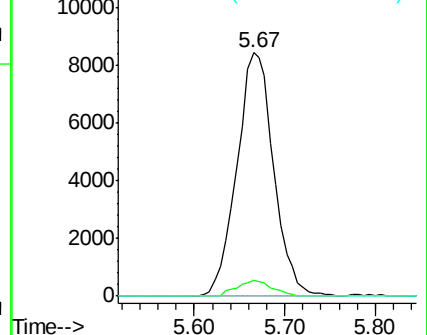
121 0.0 24.4 36.6#

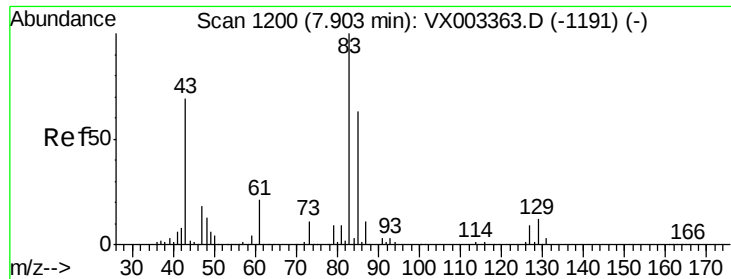


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#47

Bromodichloromethane

Concen: 0.50 ug/l

RT: 7.90 min Scan# 1199

Delta R.T. -0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

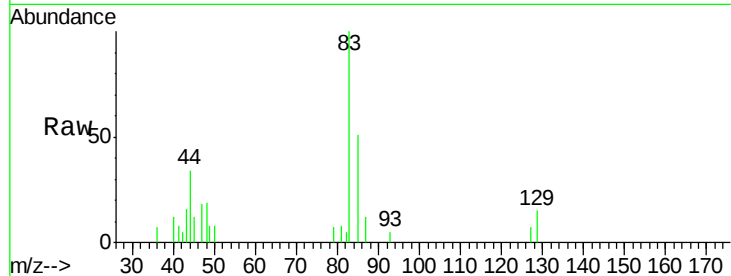
Tot Ion: 83 Resp: 2127

Ion Ratio Lower Upper

83 100

85 51.2 50.3 75.5

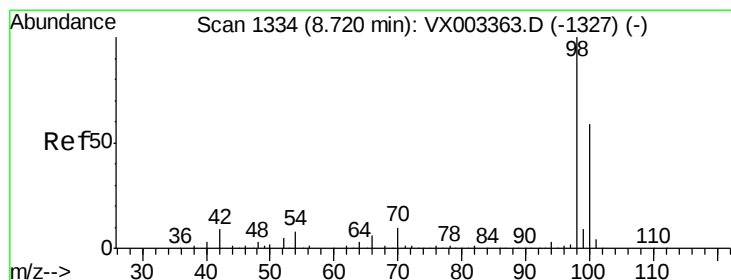
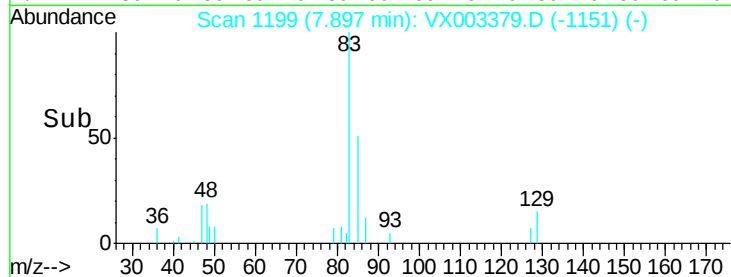
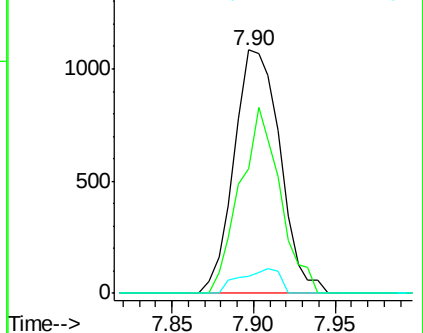
127 6.8 7.0 10.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#50

Toluene-d8

Concen: 59.50 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003379.D

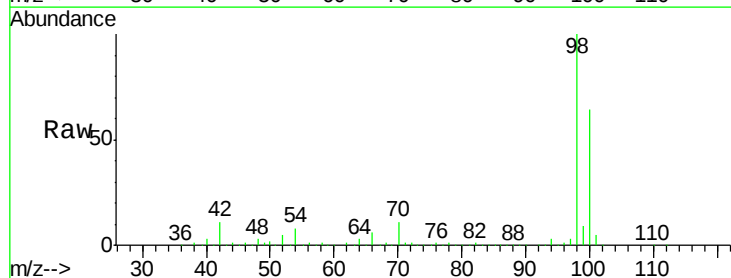
Acq: 13 Jul 2018 23:21

Tgt Ion: 98 Resp: 570570

Ion Ratio Lower Upper

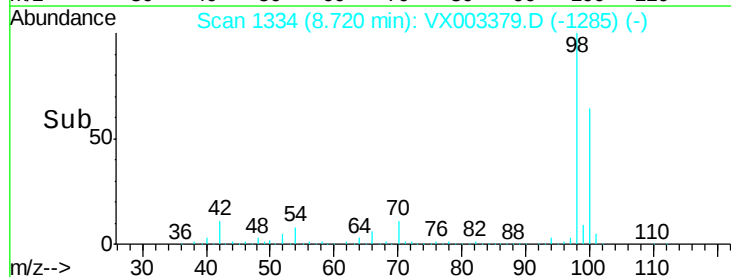
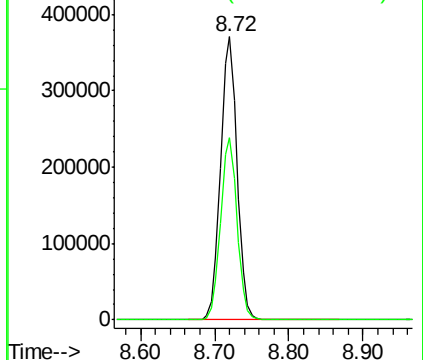
98 100

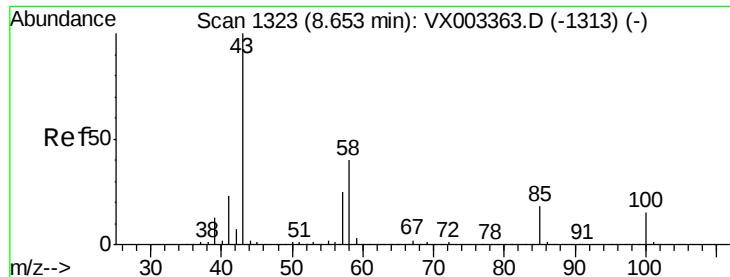
100 64.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 0.25 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

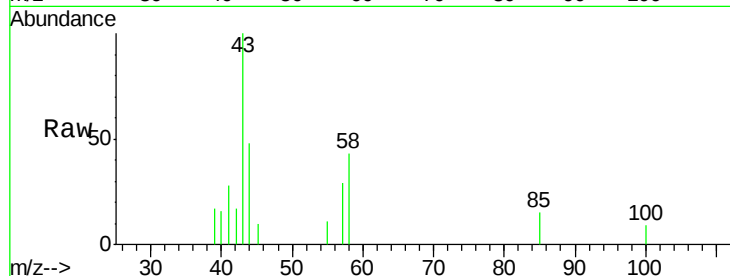
72-11977

Tot Ion: 43 Resp: 1169

Ion Ratio Lower Upper

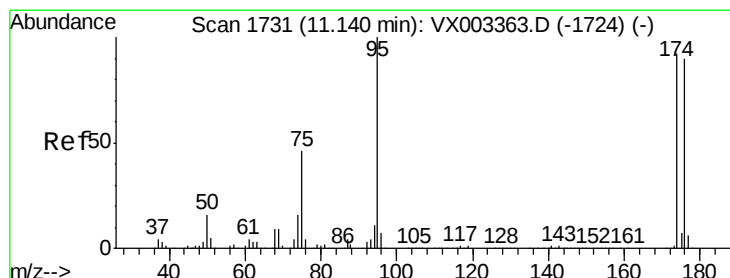
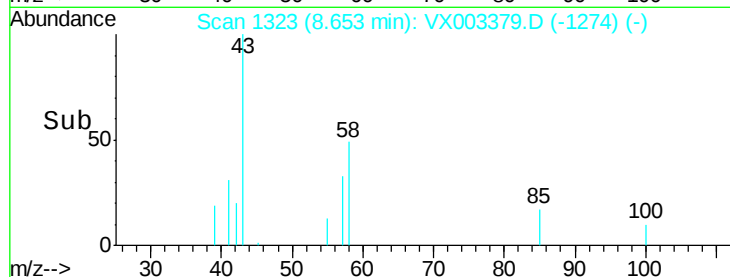
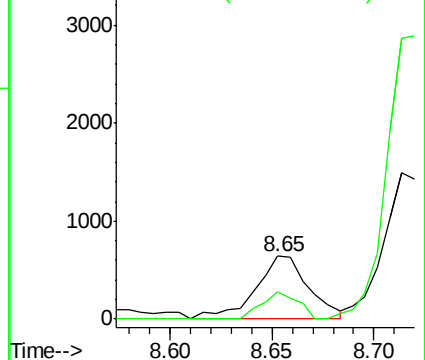
43 100

58 29.7 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#62

4-Bromofluorobenzene

Concen: 48.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

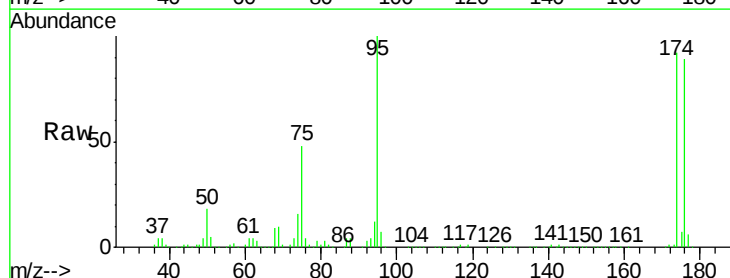
Tgt Ion: 95 Resp: 199911

Ion Ratio Lower Upper

95 100

174 92.4 0.0 187.4

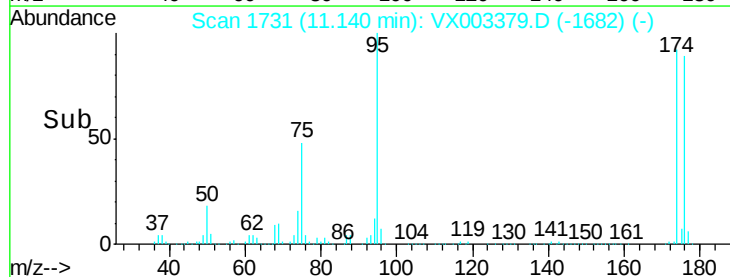
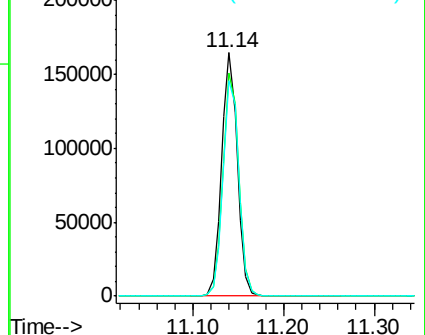
176 90.1 0.0 181.0

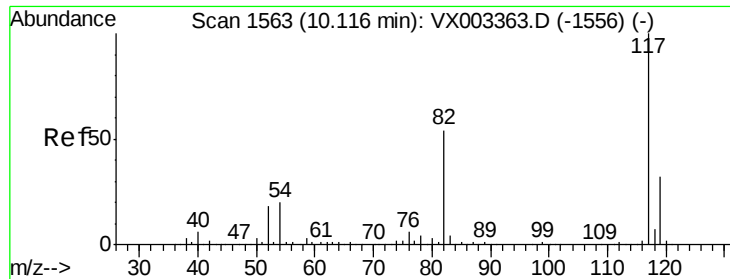


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

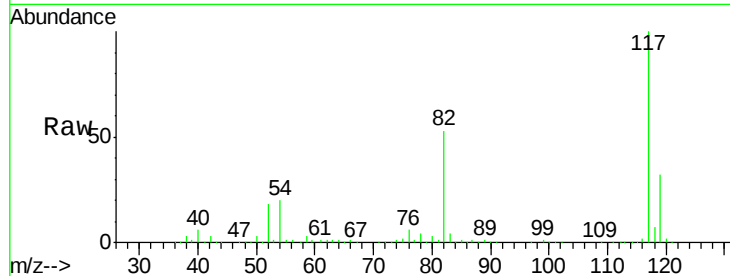




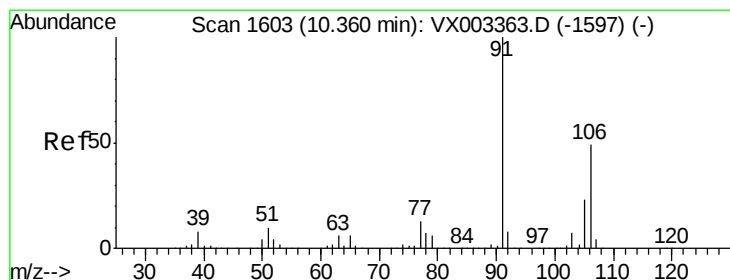
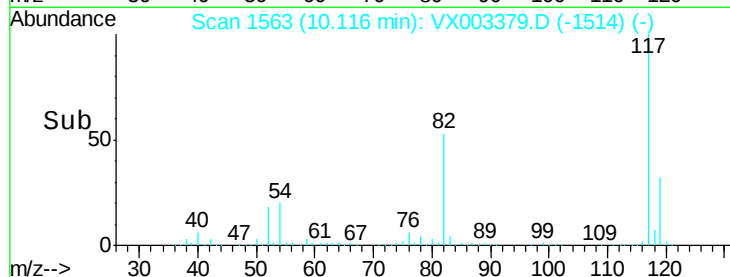
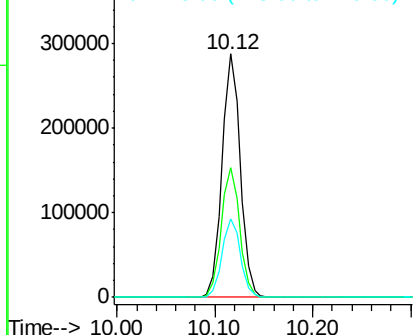
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

Instrument :
MSVOA_X
ClientSampleId :
72-11977

Tot Ion:117 Resp: 373260
Ion Ratio Lower Upper
117 100
82 53.4 45.0 67.4
119 32.2 25.8 38.6

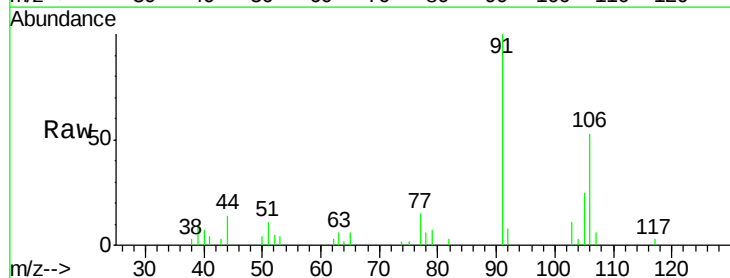


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

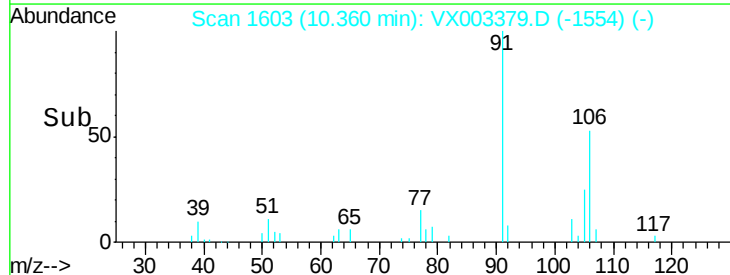
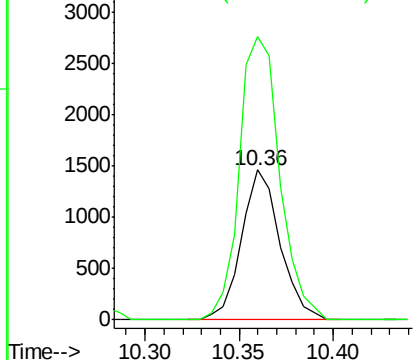


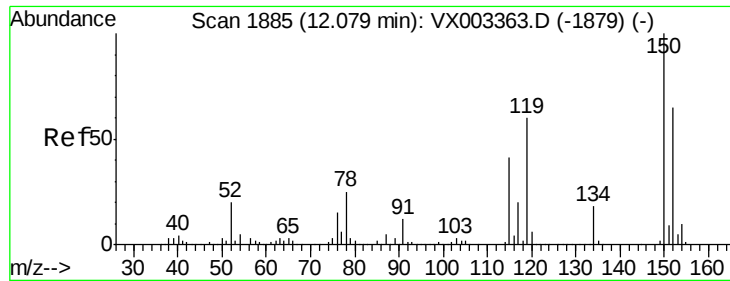
#68
m/p-Xylenes
Concen: 0.35 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003379.D
Acq: 13 Jul 2018 23:21

Tgt Ion:106 Resp: 2081
Ion Ratio Lower Upper
106 100
91 197.5 163.4 245.2



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





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

72-11977

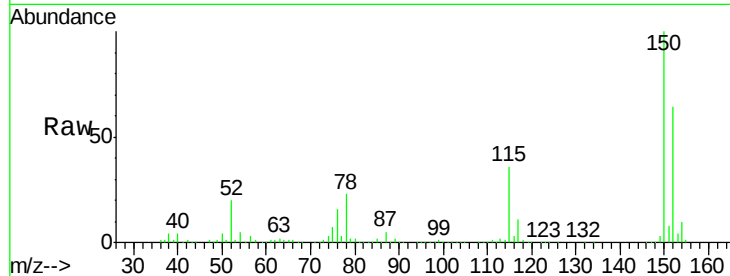
Tot Ion:152 Resp: 204913

Ion Ratio Lower Upper

152 100

115 55.5 40.1 120.2

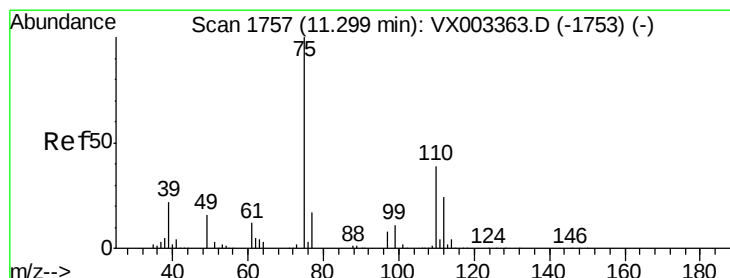
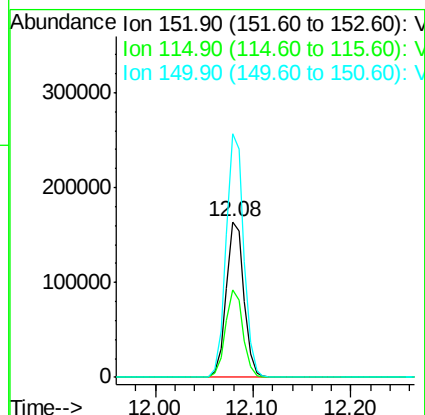
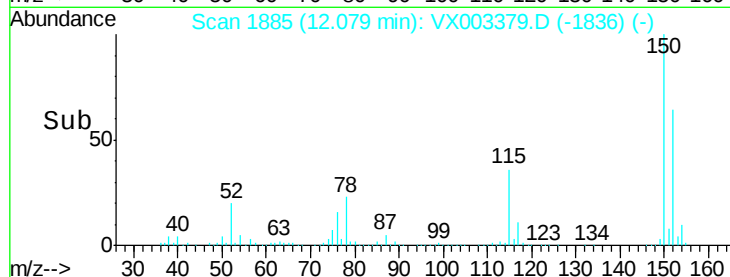
150 156.3 0.0 347.2



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



#76

1,2,3-Trichloropropane

Concen: 23.85 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003379.D

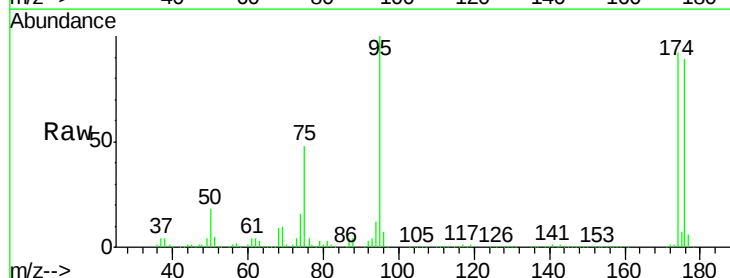
Acq: 13 Jul 2018 23:21

Tgt Ion: 75 Resp: 96555

Ion Ratio Lower Upper

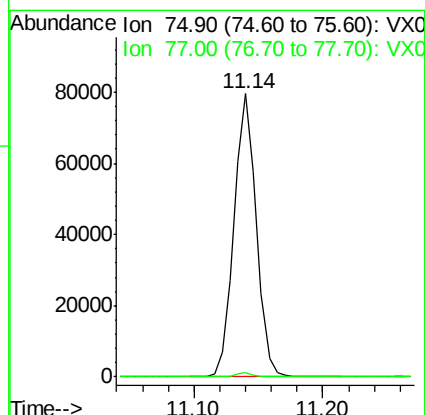
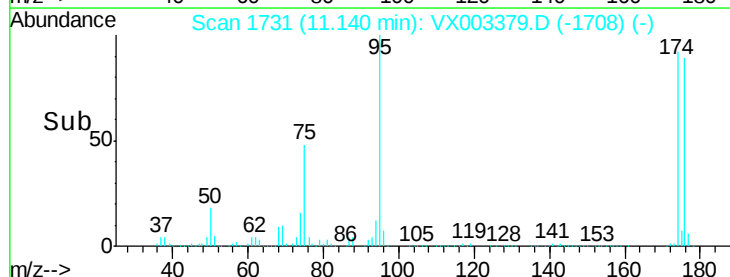
75 100

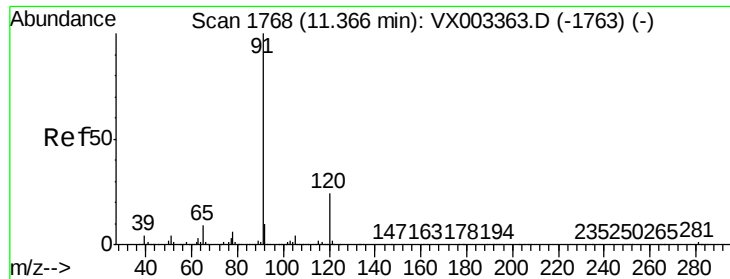
77 1.3 22.8 68.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.21 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

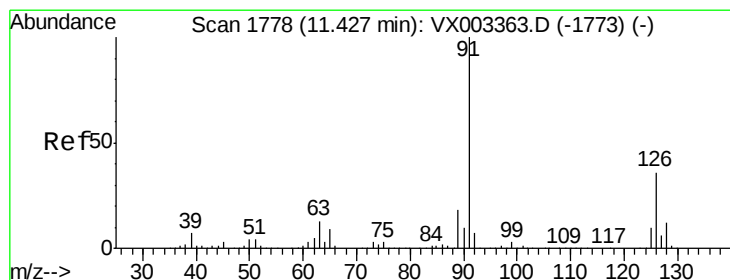
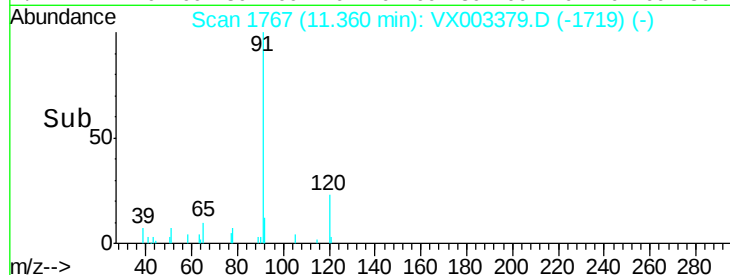
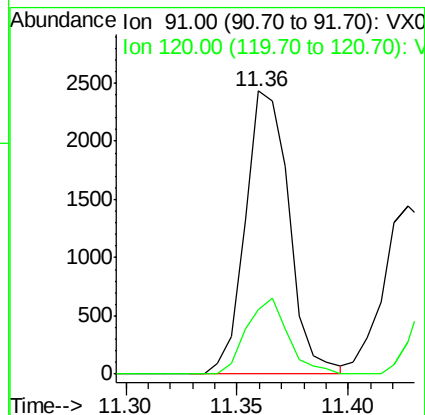
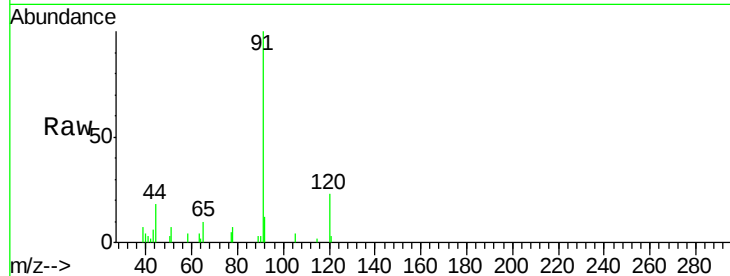
72-11977

Tot Ion: 91 Resp: 3340

Ion Ratio Lower Upper

91 100

120 25.5 11.8 35.4



#79

2-Chlorotoluene

Concen: 0.26 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003379.D

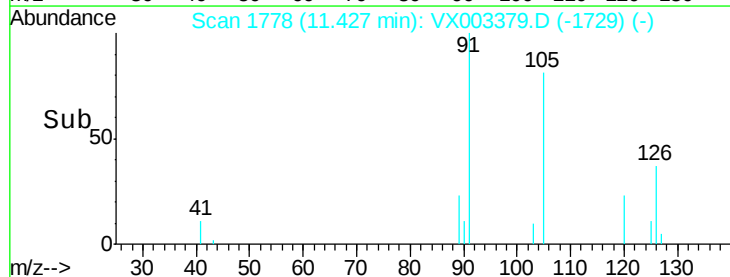
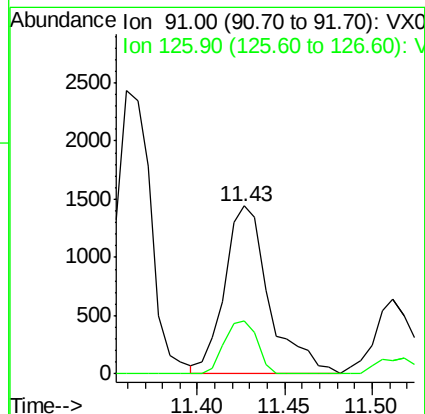
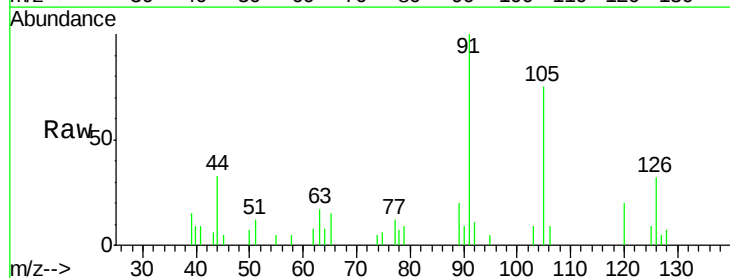
Acq: 13 Jul 2018 23:21

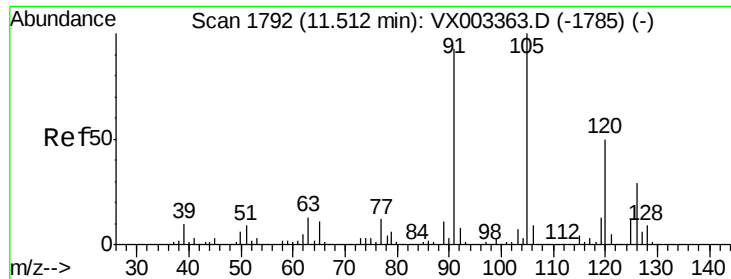
Tgt Ion: 91 Resp: 2567

Ion Ratio Lower Upper

91 100

126 23.1 17.7 53.1

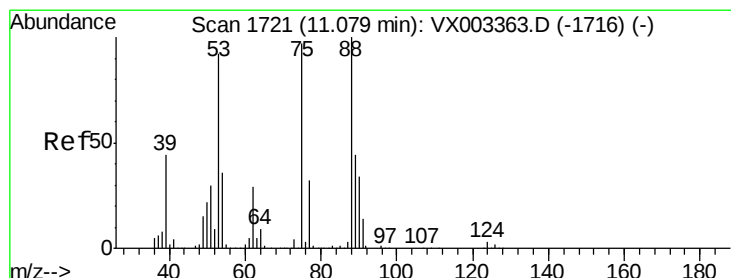
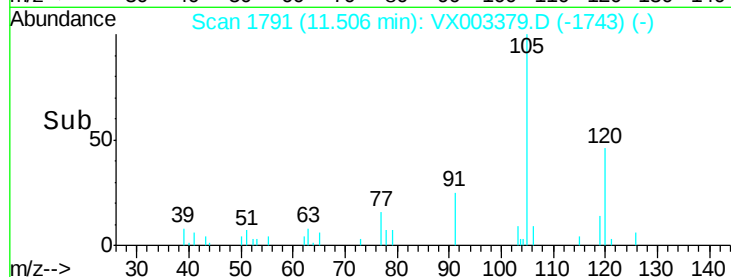
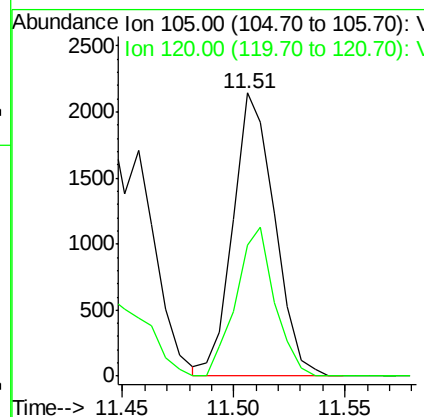
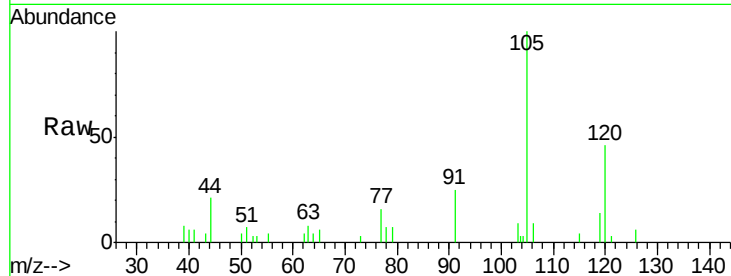




#80
 1,3,5-Trimethylbenzene
 Concen: 0.24 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

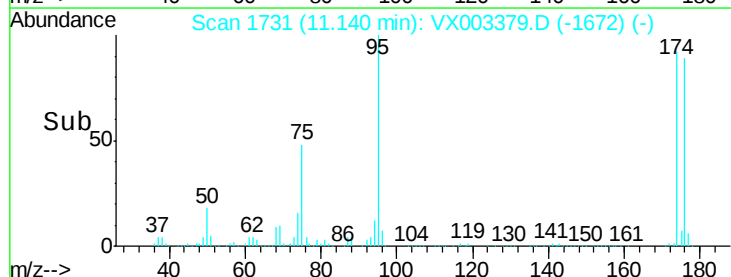
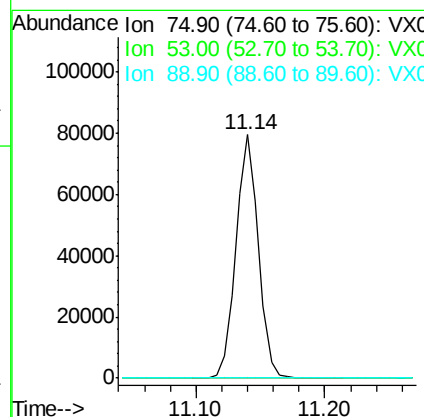
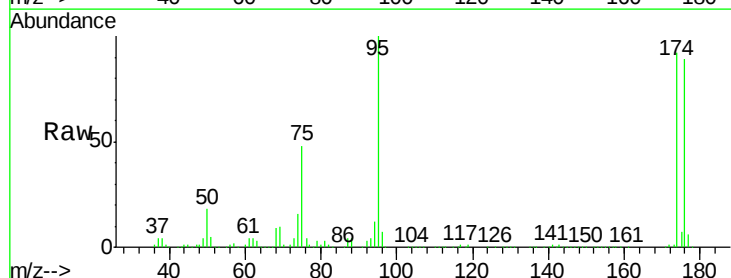
Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

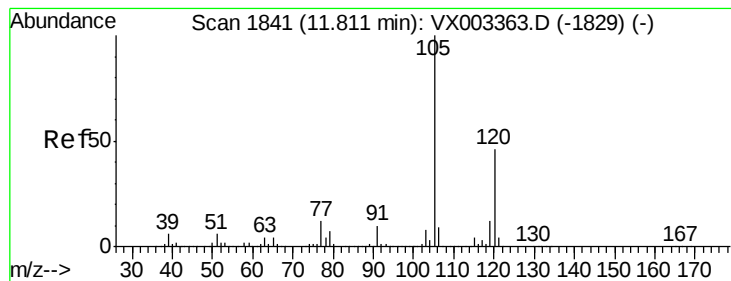
Tot Ion:105 Resp: 2791
 Ion Ratio Lower Upper
 105 100
 120 48.7 24.4 73.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.52 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX003379.D
 Acq: 13 Jul 2018 23:21

Tgt Ion: 75 Resp: 96555
 Ion Ratio Lower Upper
 75 100
 53 0.1 86.8 130.2#
 89 0.0 38.2 57.2#





#84

1,2,4-Trimethylbenzene

Concen: 0.76 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

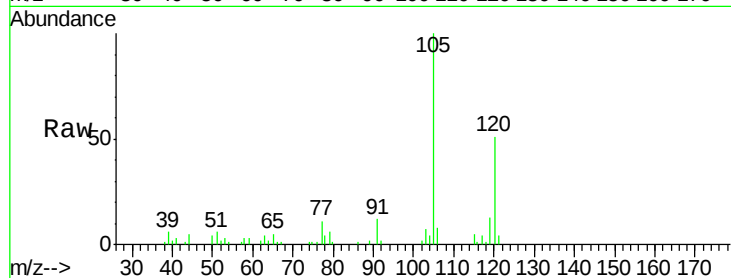
72-11977

Tot Ion:105 Resp: 9068

Ion Ratio Lower Upper

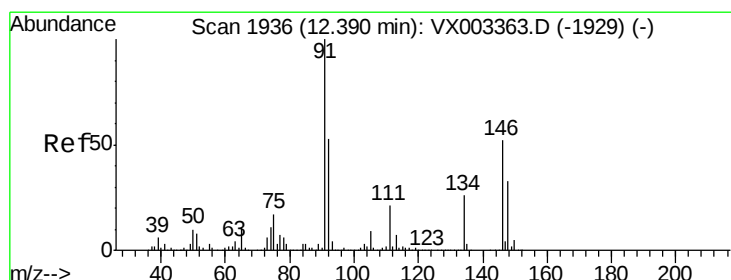
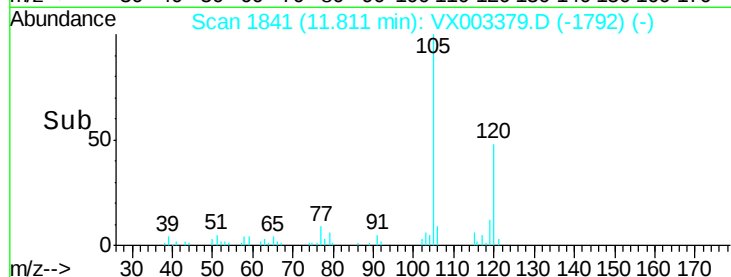
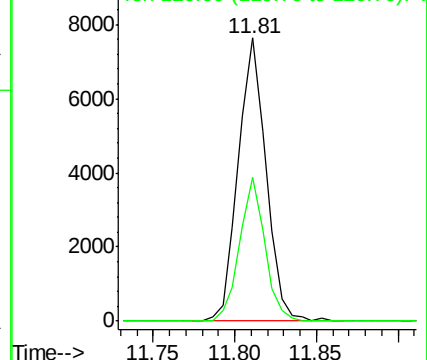
105 100

120 46.0 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#89

n-Butylbenzene

Concen: 0.27 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

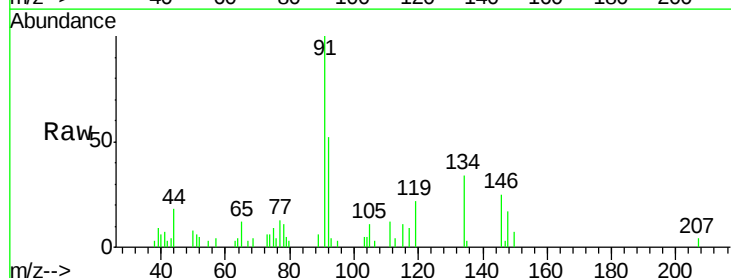
Tgt Ion: 91 Resp: 2876

Ion Ratio Lower Upper

91 100

92 41.7 26.0 78.0

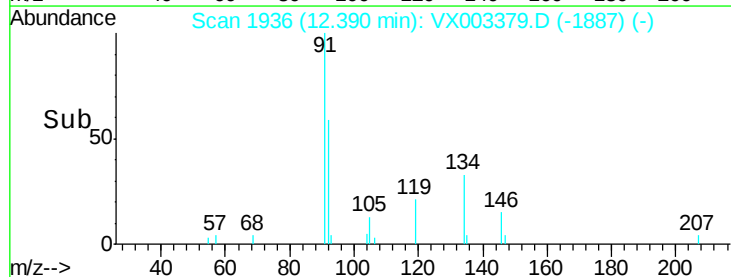
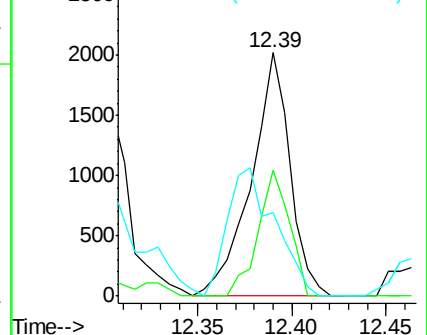
134 64.3 13.5 40.5#

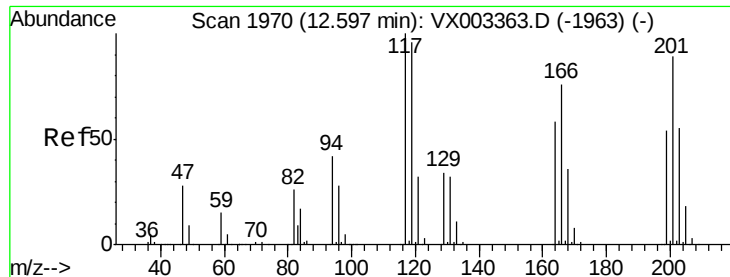


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.27 ug/l

RT: 12.61 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

Instrument :

MSVOA_X

ClientSampleId :

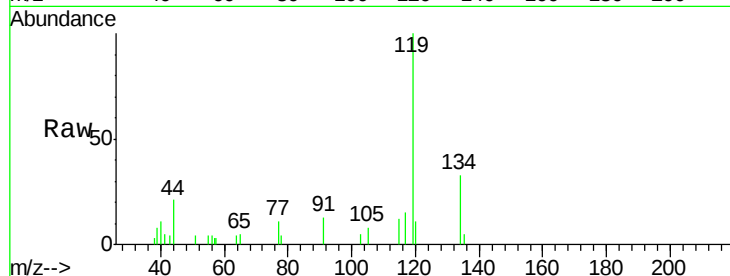
72-11977

Tot Ion:117 Resp: 500

Ion Ratio Lower Upper

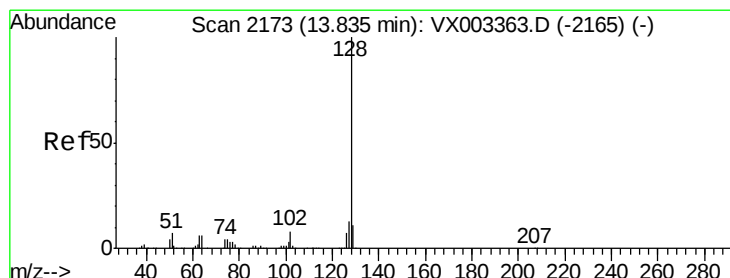
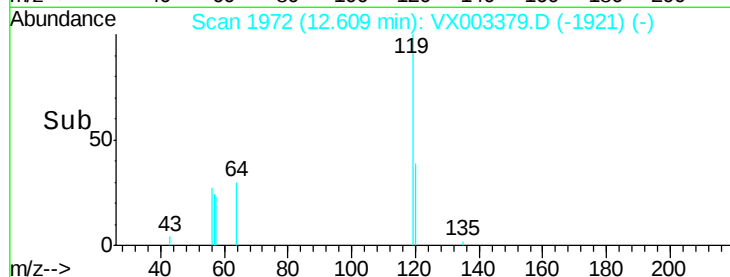
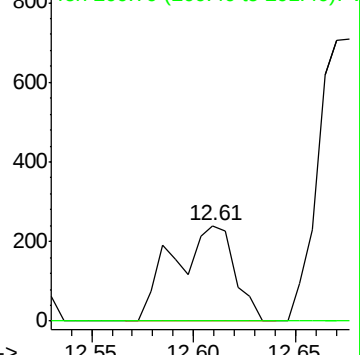
117 100

201 0.0 49.0 147.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 14.08 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003379.D

Acq: 13 Jul 2018 23:21

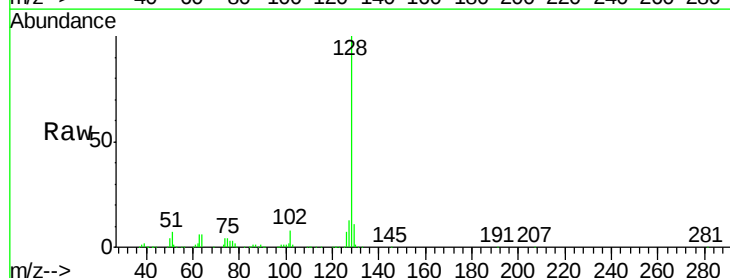
Tgt Ion:128 Resp: 201891

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.1 8.6 13.0



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

