

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007573.D
 Acq On : 15 Feb 2019 17:31
 Operator : JC/SP
 Sample : K1458-07DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 04:05:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	509257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	798306	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	756180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	366338	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	277733	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
35) Dibromofluoromethane	5.51	113	258527	49.77	ug/l	0.00
Spiked Amount			Recovery	=	99.54%	
50) Toluene-d8	8.71	98	963684	50.01	ug/l	0.00
Spiked Amount			Recovery	=	100.02%	
62) 4-Bromofluorobenzene	11.13	95	338666	48.13	ug/l	0.00
Spiked Amount			Recovery	=	96.26%	

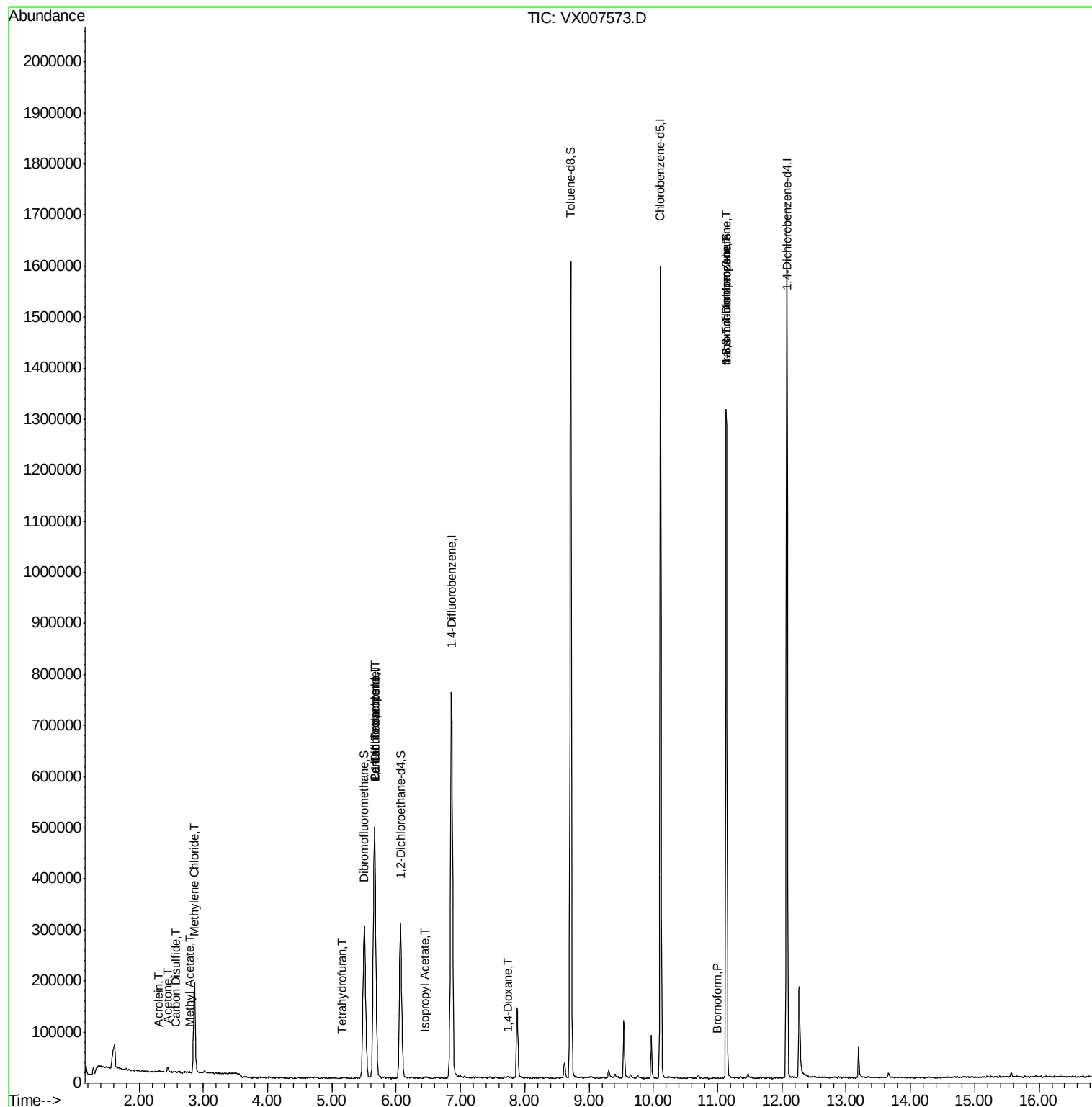
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	459	Below Cal	#	74
13) Acrolein	2.29	56	500	0.953	ug/l	92
16) Acetone	2.45	43	10672	4.310	ug/l #	86
17) Carbon Disulfide	2.57	76	1312	2.220	ug/l #	49
18) Methyl Acetate	2.78	43	2084	0.912	ug/l #	53
20) Methylene Chloride	2.86	84	82260	15.997	ug/l	96
29) Tetrahydrofuran	5.15	42	502	0.227	ug/l #	39
36) 1,1-Dichloropropene	5.67	75	33289	4.648	ug/l #	49
38) Carbon Tetrachloride	5.67	117	45937	6.611	ug/l #	17
43) Isopropyl Acetate	6.46	43	3388	0.303	ug/l #	89
49) 1,4-Dioxane	7.75	88	74	7.457	ug/l #	1
71) Bromoform	10.99	173	134	4.055	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	163273	22.913	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	163273	69.062	ug/l #	9

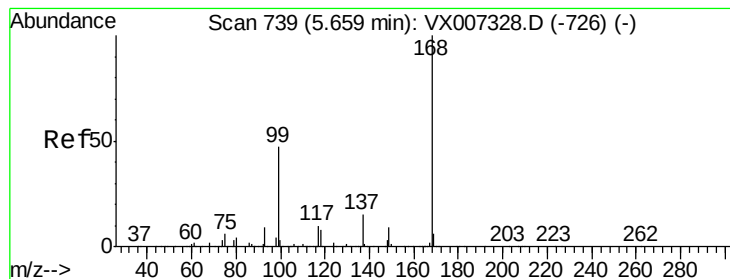
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
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QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_W

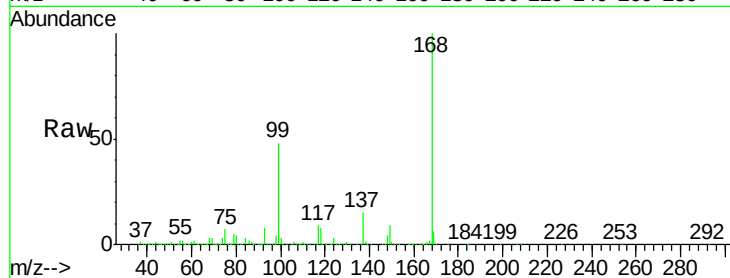
ClientSampled :

Tot Ion:168 Resp: 509257

Ion Ratio Lower Upper

168 100

99 48.3 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

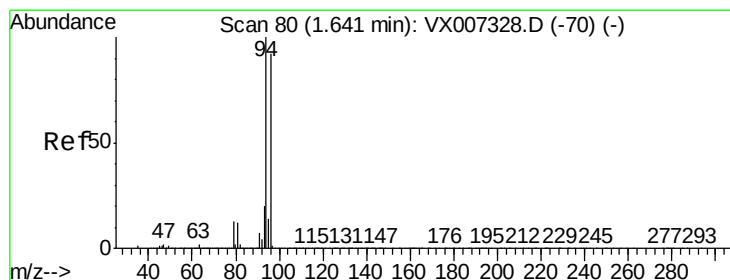
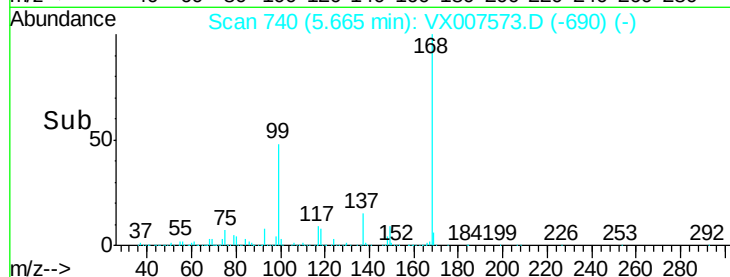
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007573.D

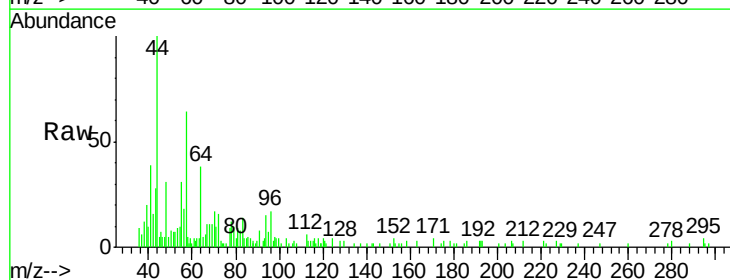
Acq: 15 Feb 2019 17:31

Tgt Ion: 94 Resp: 459

Ion Ratio Lower Upper

94 100

96 117.0 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

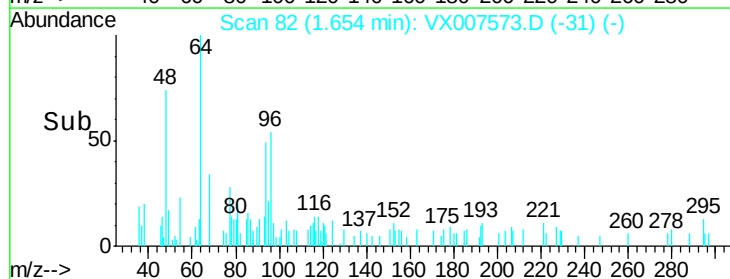
600

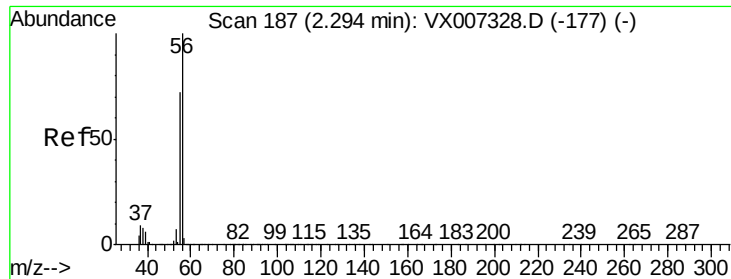
400

200

0

Time-->

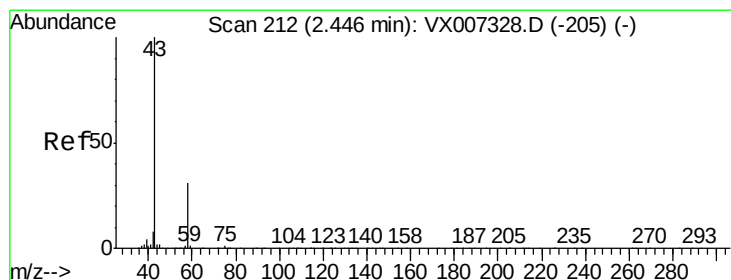
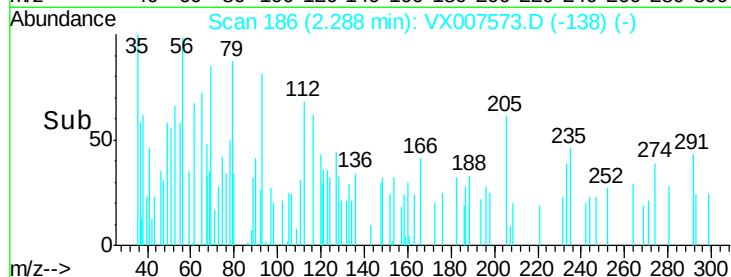
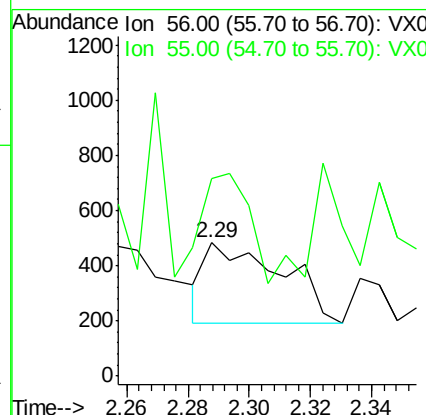
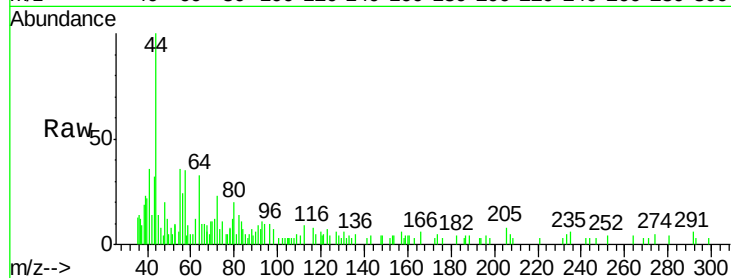




#13
Acrolein
Concen: 0.953 ug/l
RT: 2.29 min Scan# 186
Delta R.T. -0.01 min
Lab File: VX007573.D
Acq: 15 Feb 2019 17:31

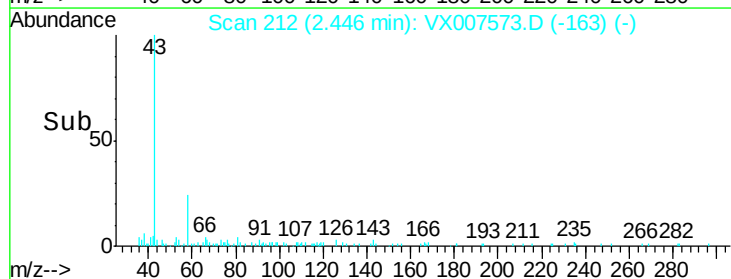
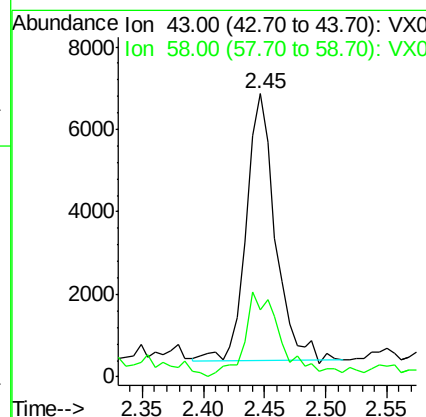
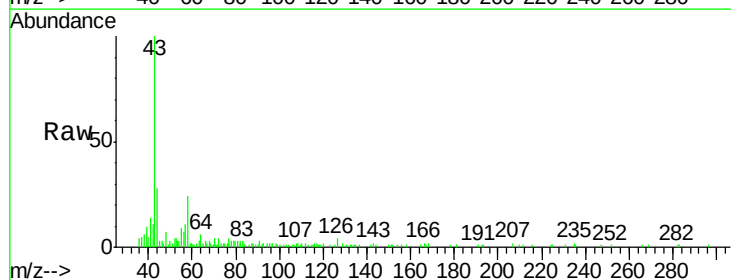
Instrument :
MSVOA_W
ClientSampled :

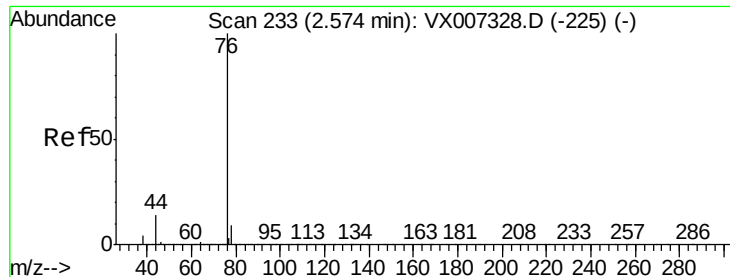
Tot Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 78.0 56.9 85.3



#16
Acetone
Concen: 4.310 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007573.D
Acq: 15 Feb 2019 17:31

Tgt Ion: 43 Resp: 10672
Ion Ratio Lower Upper
43 100
58 23.2 24.9 37.3#





#17

Carbon Disulfide

Concen: 2.220 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

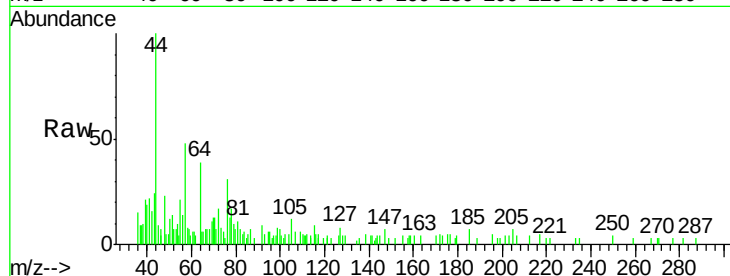
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 76 Resp: 1312

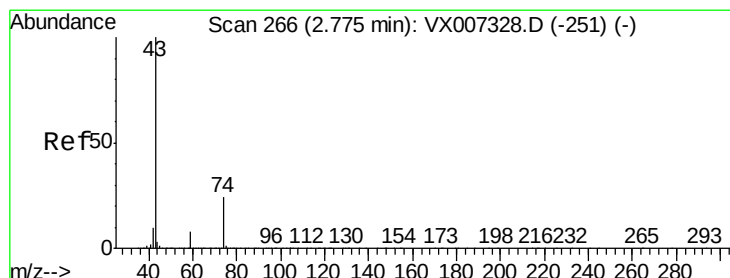
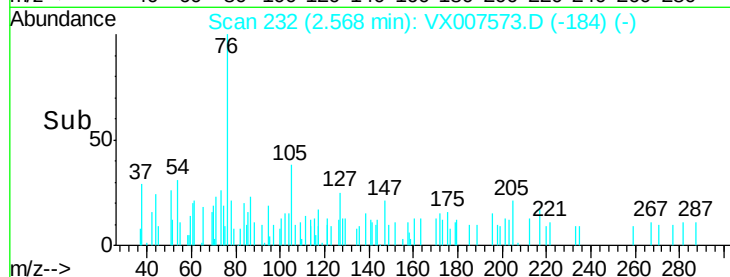
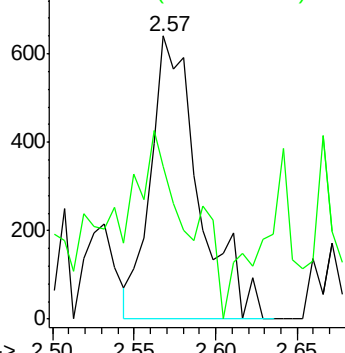
Ion Ratio Lower Upper

76 100

78 27.2 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.912 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX007573.D

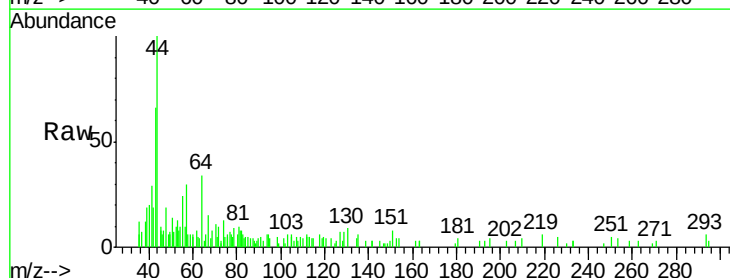
Acq: 15 Feb 2019 17:31

Tgt Ion: 43 Resp: 2084

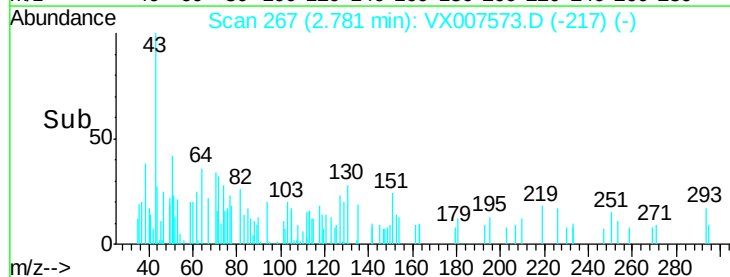
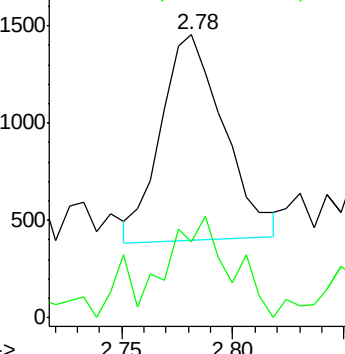
Ion Ratio Lower Upper

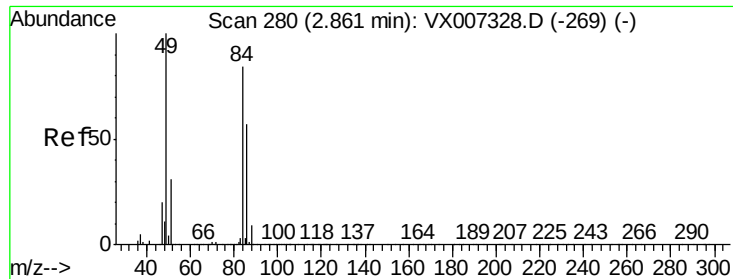
43 100

74 47.6 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 74.00 (73.70 to 74.70): VX0

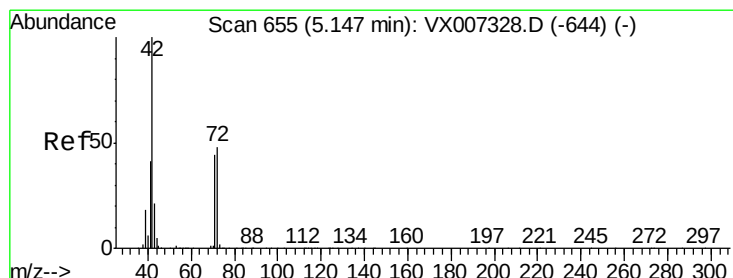
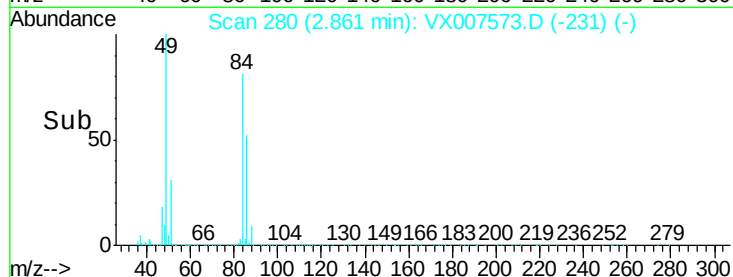
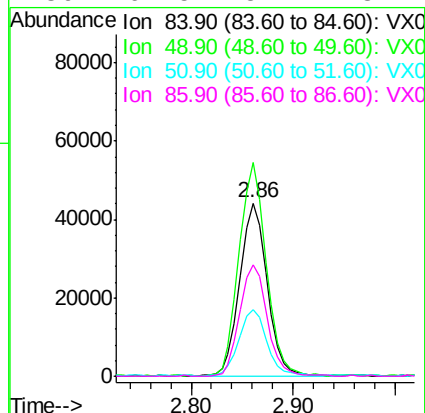
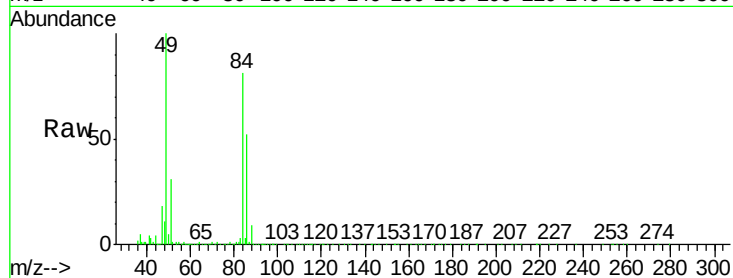




#20
Methylene Chloride
Concen: 15.997 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007573.D
Acq: 15 Feb 2019 17:31

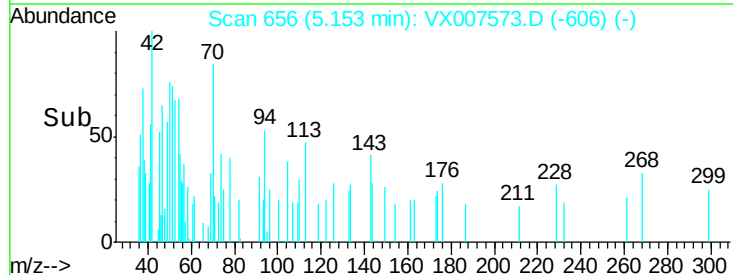
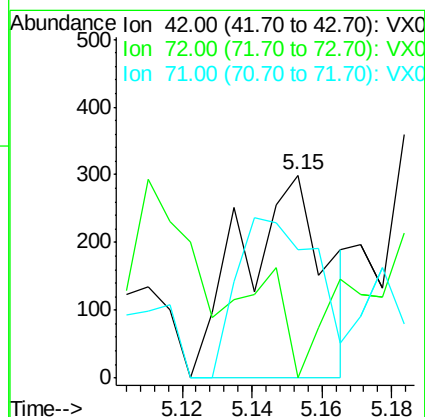
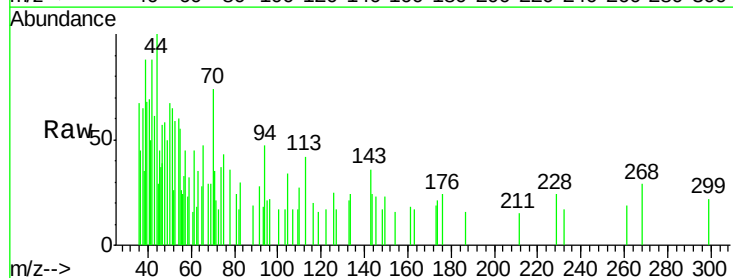
Instrument :
MSVOA_W
ClientSampled :

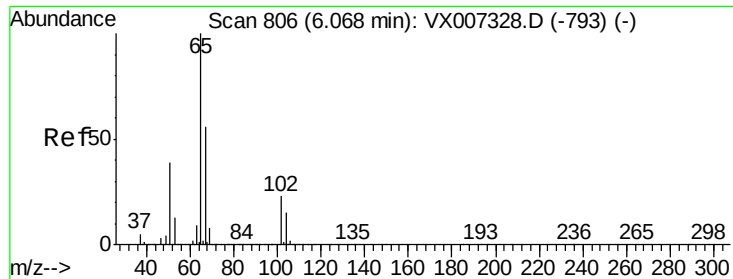
Tot Ion:	84	Resp:	82260
Ion	Ratio	Lower	Upper
84	100		
49	123.1	94.8	142.2
51	38.2	29.8	44.8
86	64.5	54.1	81.1



#29
Tetrahydrofuran
Concen: 0.227 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX007573.D
Acq: 15 Feb 2019 17:31

Tgt Ion:	42	Resp:	502
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	75.9	34.6	51.8#

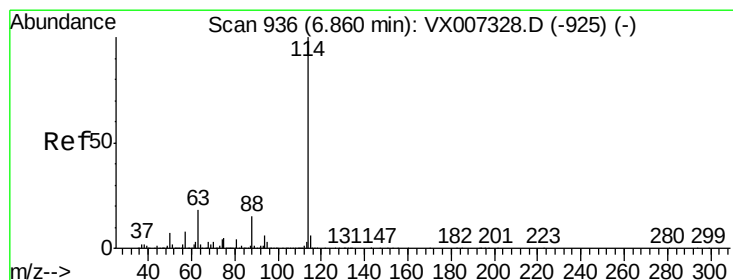
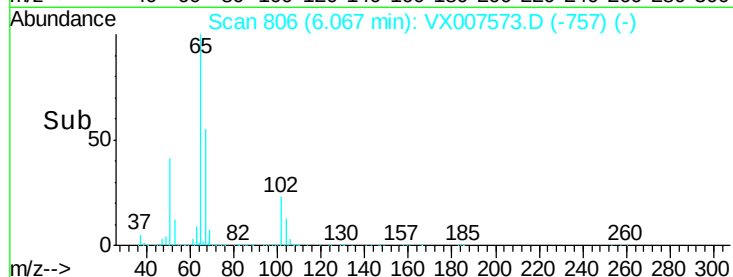
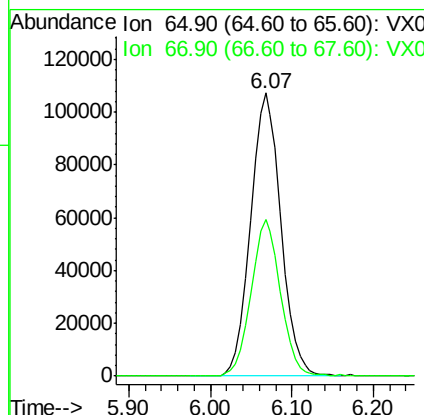
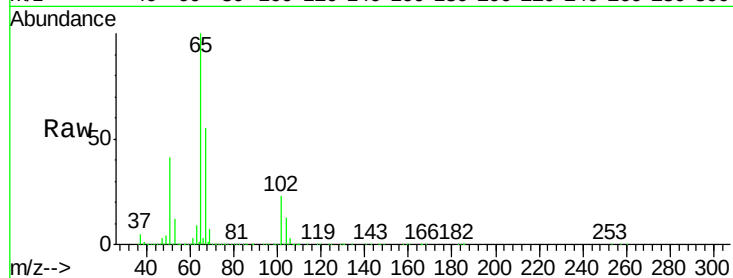




#33
 1,2-Dichloroethane-d4
 Concen: 51.381 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007573.D
 Acq: 15 Feb 2019 17:31

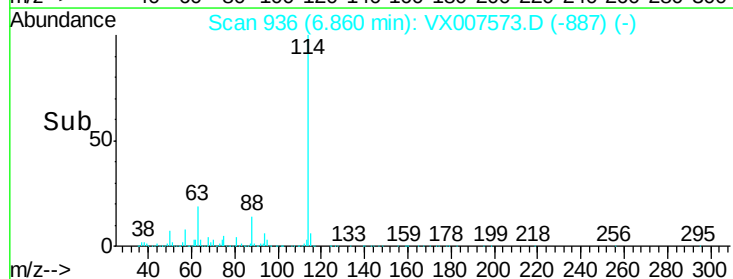
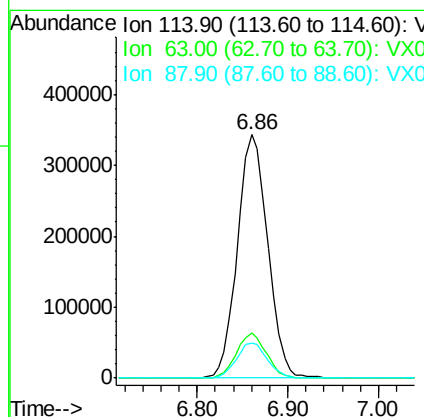
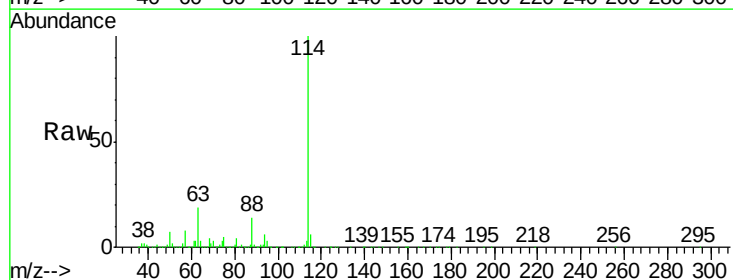
Instrument :
 MSVOA_W
 ClientSampleId :

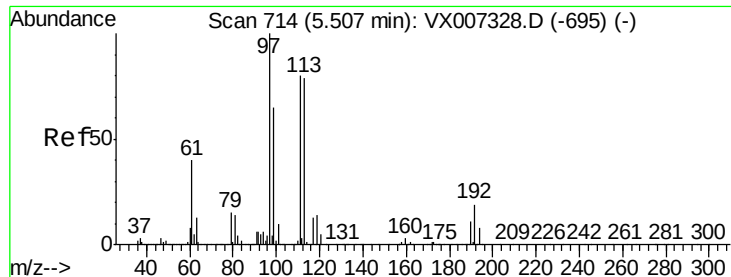
Tot Ion: 65 Resp: 277733
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007573.D
 Acq: 15 Feb 2019 17:31

Tgt Ion: 114 Resp: 798306
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 35.6
 88 14.4 0.0 29.6

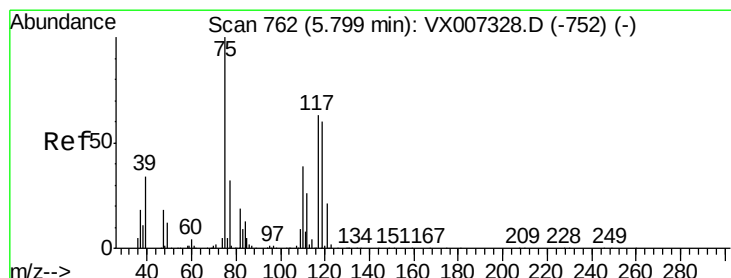
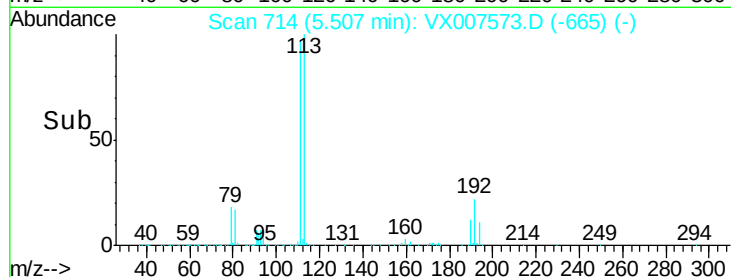
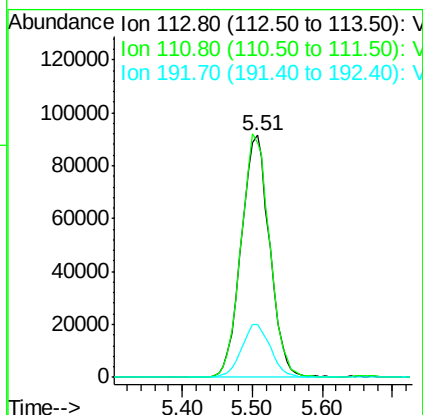
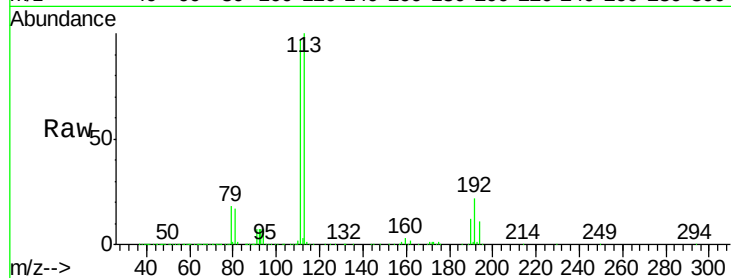




#35
 Dibromofluoromethane
 Concen: 49.771 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VX007573.D
 Acq: 15 Feb 2019 17:31

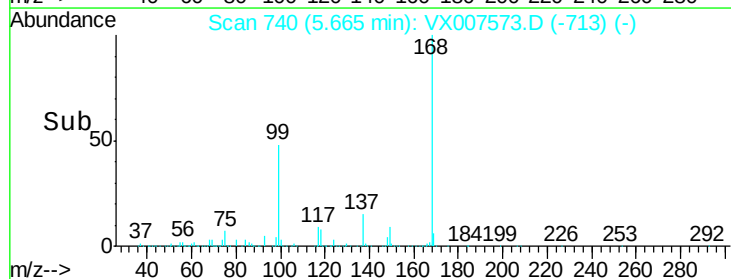
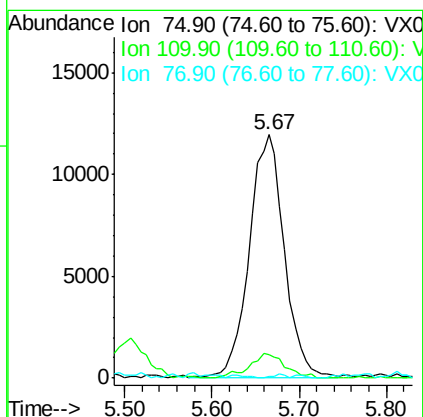
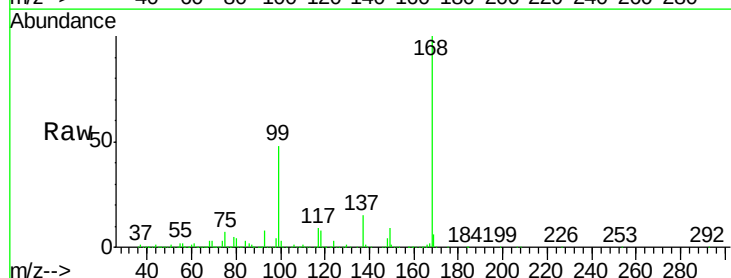
Instrument :
 MSVOA_W
 ClientSampleId :

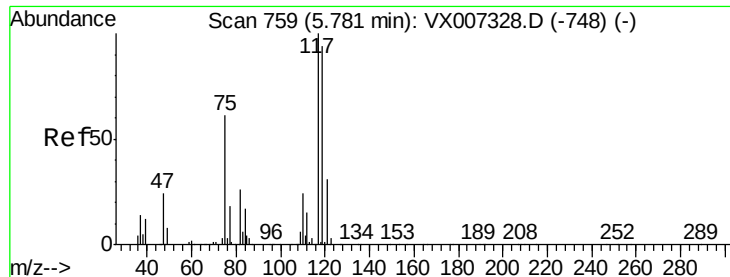
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.8	122.8
192	22.2	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.648 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007573.D
 Acq: 15 Feb 2019 17:31

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	20.0	59.9#
77	0.6	24.7	37.1#





#38

Carbon Tetrachloride

Concen: 6.611 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_W

ClientSampled :

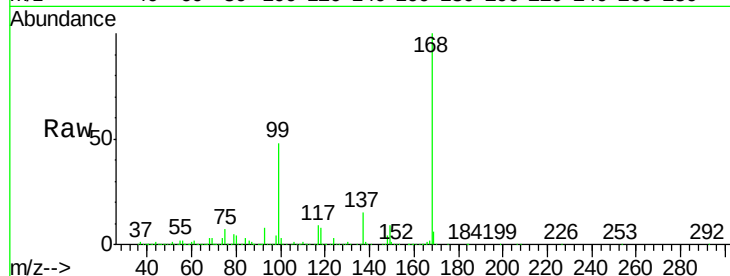
Tot Ion:117 Resp: 45937

Ion Ratio Lower Upper

117 100

119 5.2 75.3 112.9#

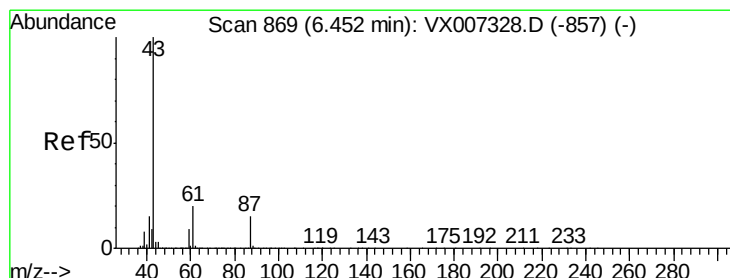
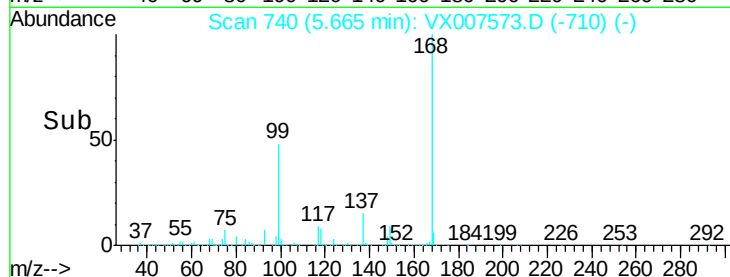
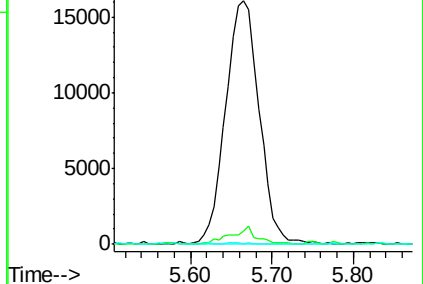
121 0.3 25.0 37.4#



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



#43

Isopropyl Acetate

Concen: 0.303 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

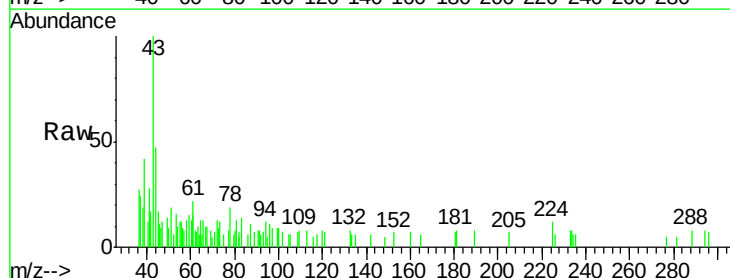
Tgt Ion: 43 Resp: 3388

Ion Ratio Lower Upper

43 100

61 15.8 16.1 24.1#

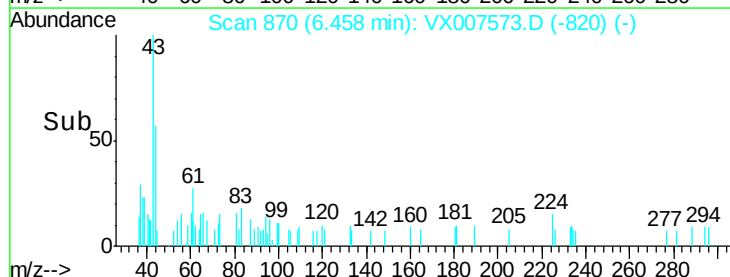
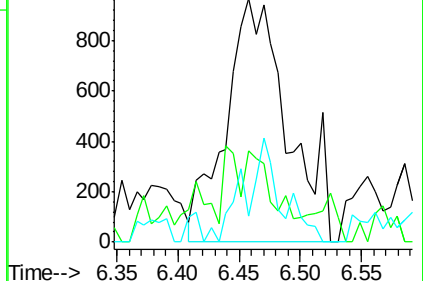
87 20.1 11.5 17.3#

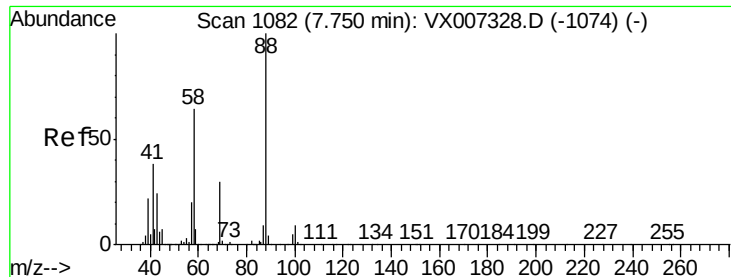


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

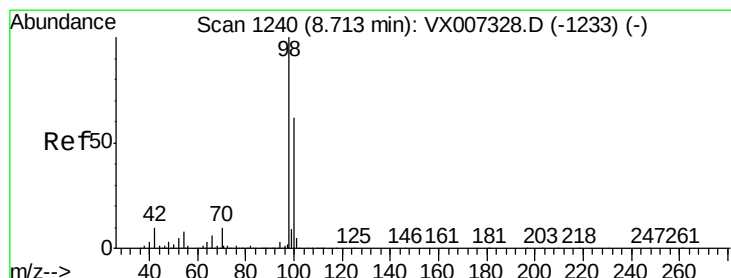
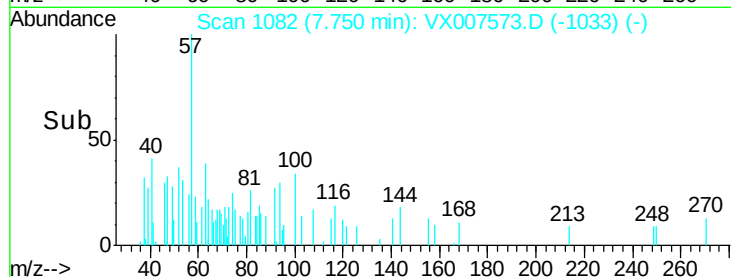
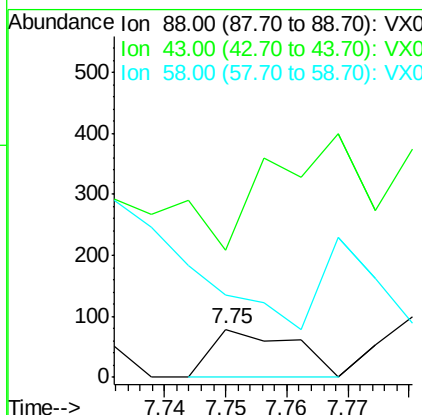
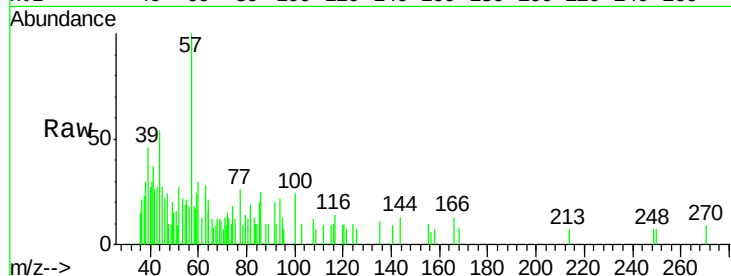




#49
1,4-Dioxane
Concen: 7.457 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX007573.D
Acq: 15 Feb 2019 17:31

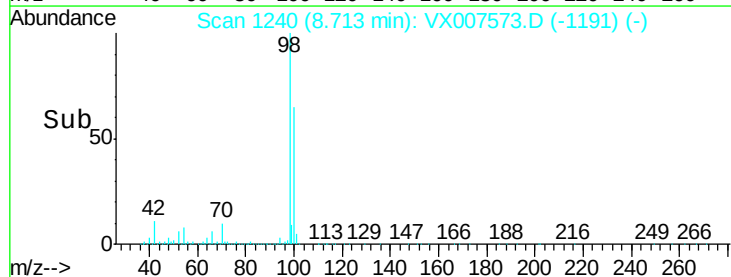
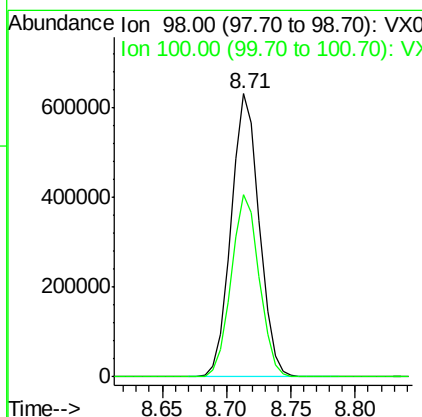
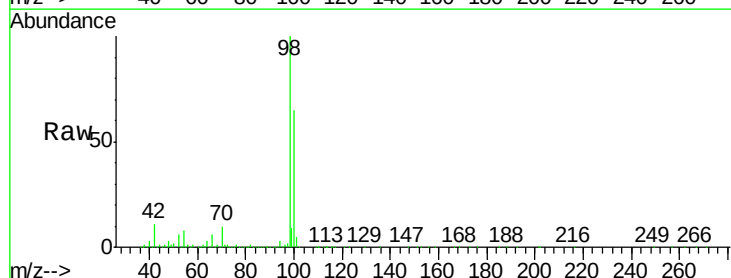
Instrument :
MSVOA_W
ClientSampled :

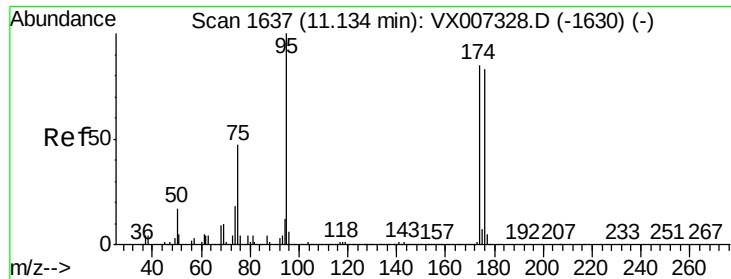
Tot Ion: 88 Resp: 74
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 554.1 53.0 79.4#



#50
Toluene-d8
Concen: 50.005 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007573.D
Acq: 15 Feb 2019 17:31

Tgt Ion: 98 Resp: 963684
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 48.132 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_W

ClientSampleId :

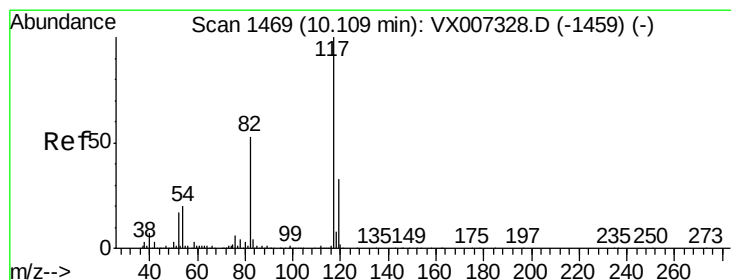
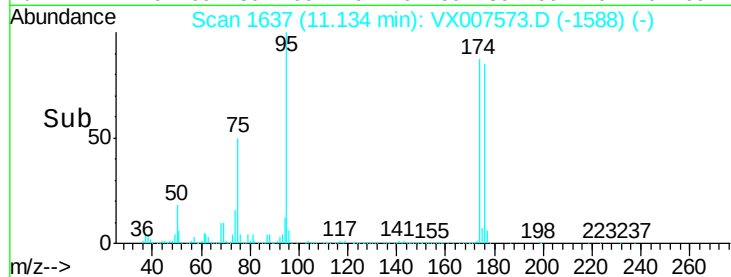
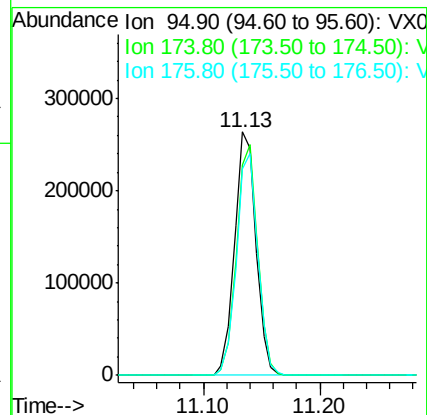
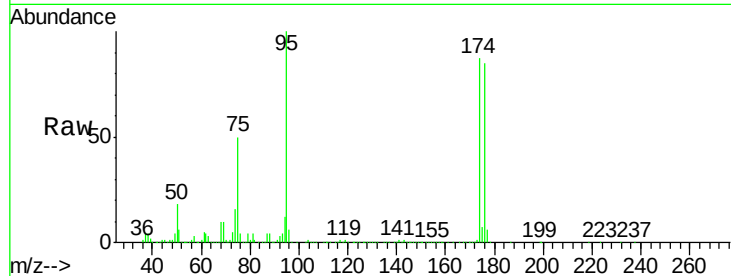
Tot Ion: 95 Resp: 338666

Ion Ratio Lower Upper

95 100

174 93.9 0.0 189.2

176 91.0 0.0 186.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

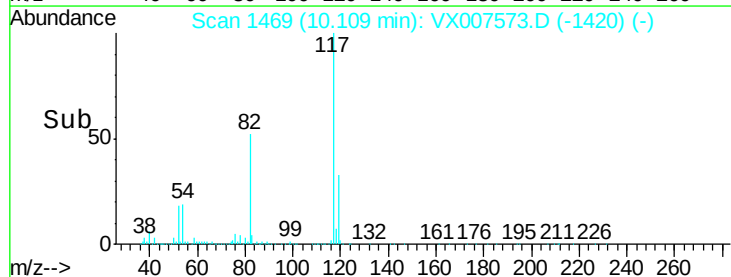
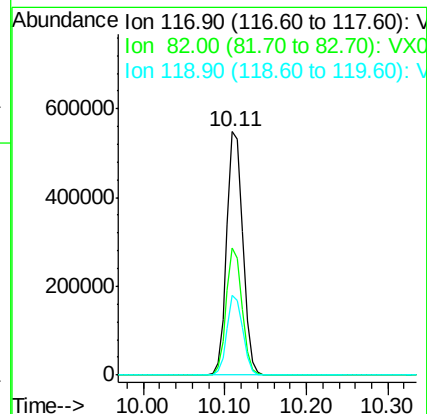
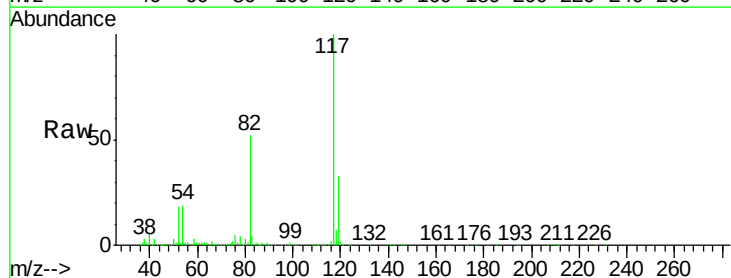
Tgt Ion: 117 Resp: 756180

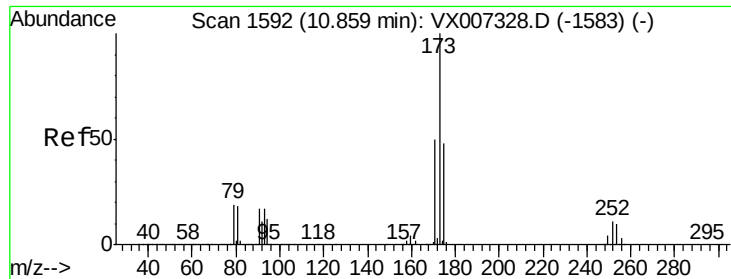
Ion Ratio Lower Upper

117 100

82 52.2 42.1 63.1

119 32.8 26.5 39.7





#71

Bromoform

Concen: 4.055 ug/l

RT: 10.99 min Scan# 1614

Delta R.T. 0.13 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

Instrument :

MSVOA_W

ClientSampled :

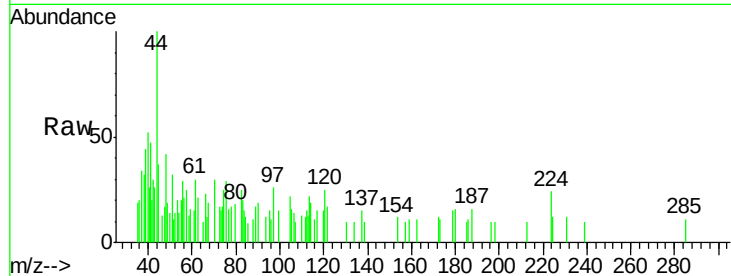
Tot Ion:173 Resp: 134

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

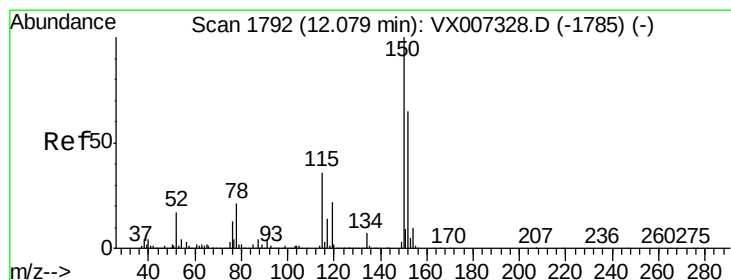
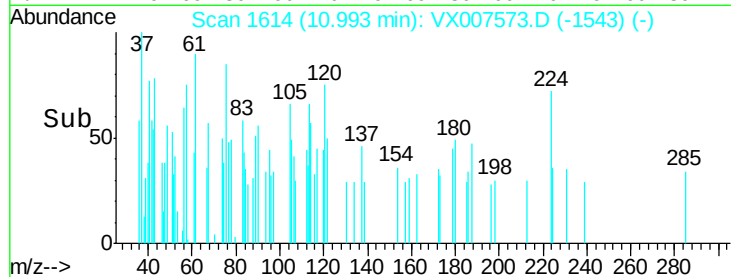
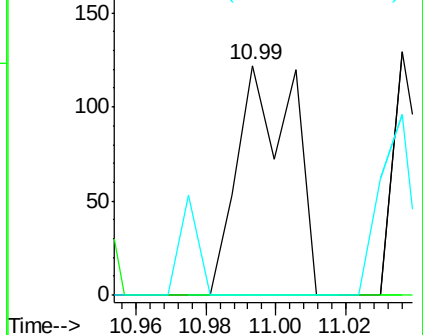
254 14.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007573.D

Acq: 15 Feb 2019 17:31

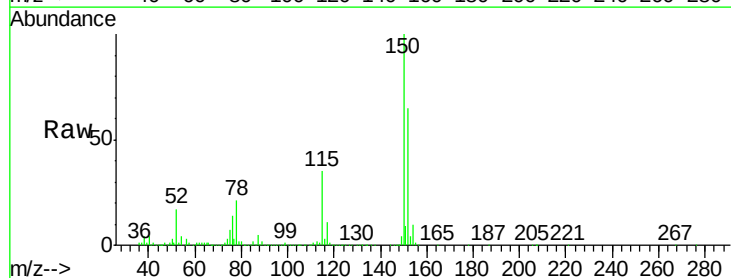
Tgt Ion:152 Resp: 366338

Ion Ratio Lower Upper

152 100

115 54.5 38.0 114.0

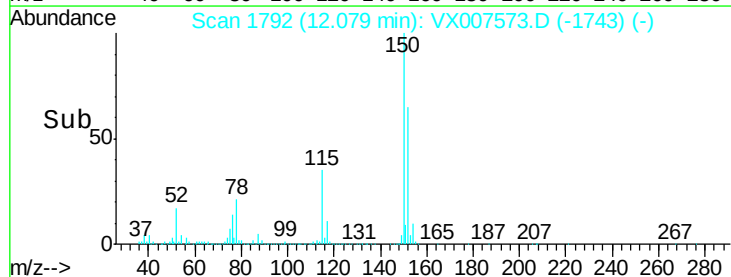
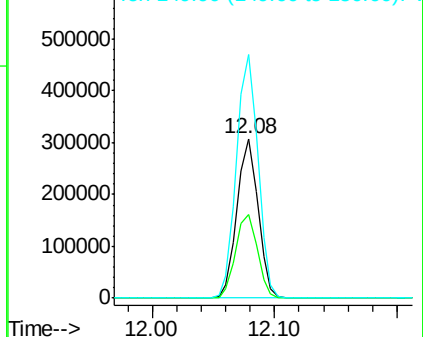
150 155.8 0.0 346.4

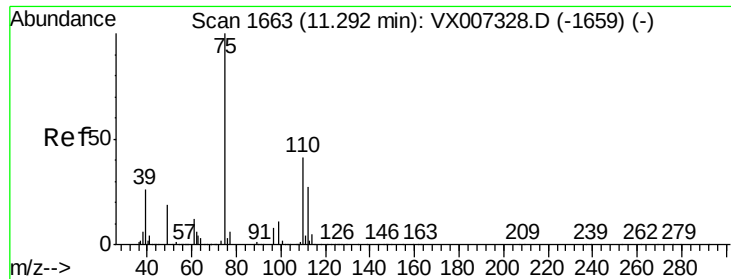


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

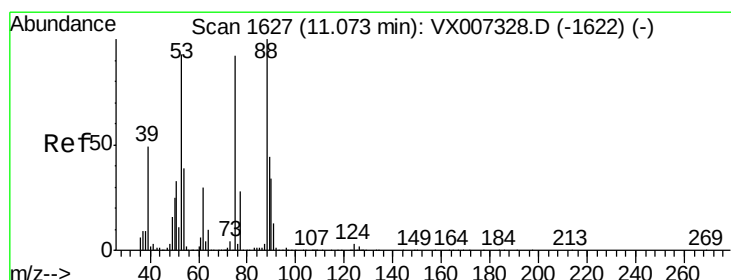
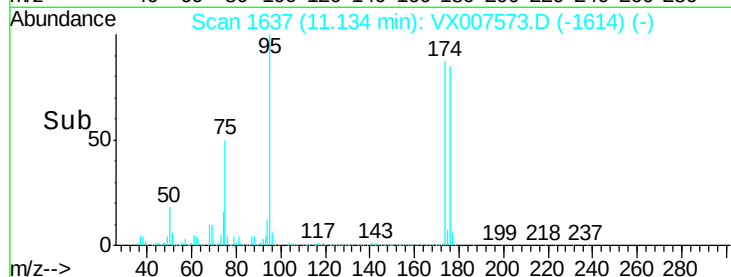
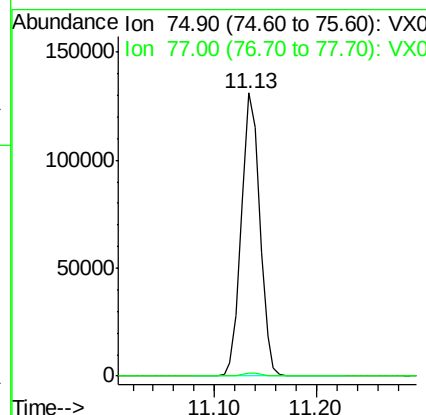
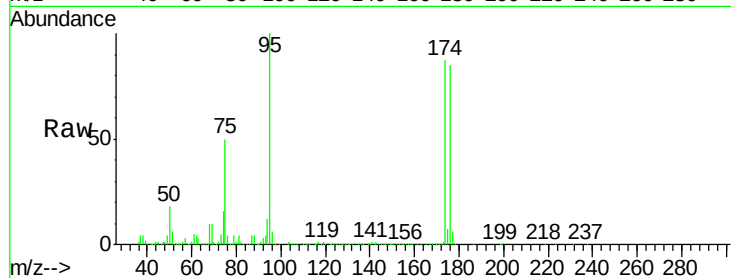




#76
 1,2,3-Trichloropropane
 Concen: 22.913 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007573.D
 Acq: 15 Feb 2019 17:31

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 163273
 Ion Ratio Lower Upper
 75 100
 77 1.3 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.062 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007573.D
 Acq: 15 Feb 2019 17:31

Tgt Ion: 75 Resp: 163273
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.0 121.6#
 89 0.0 41.4 62.0#

