

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021519\
 Data File : VX007539.D
 Acq On : 14 Feb 2019 12:22
 Operator : JC/SP
 Sample : VX0215MBL01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 15 02:41:31 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	491604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	783902	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	739637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	349254	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	277448	53.17	ug/l	0.00
Spiked Amount			Recovery	=	106.34%	
35) Dibromofluoromethane	5.51	113	260442	51.06	ug/l	0.00
Spiked Amount			Recovery	=	102.12%	
50) Toluene-d8	8.71	98	929703	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	323561	46.83	ug/l	0.00
Spiked Amount			Recovery	=	93.66%	

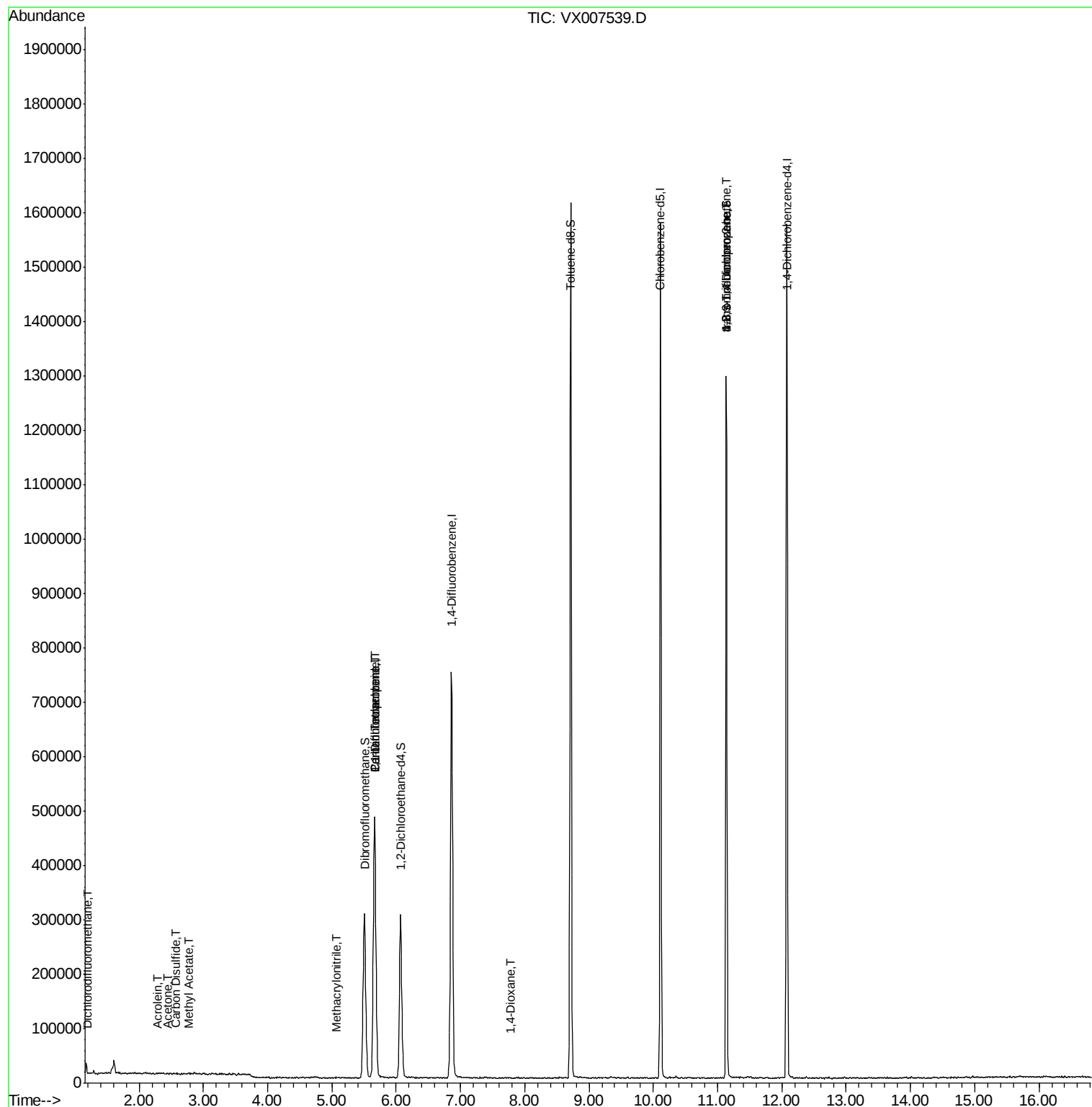
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.21	85	181	0.207	ug/l	90
5) Bromomethane	1.65	94	418	Below Cal	#	66
13) Acrolein	2.28	56	428	0.845	ug/l	98
16) Acetone	2.44	43	1065	0.446	ug/l #	44
17) Carbon Disulfide	2.57	76	1901	2.269	ug/l #	61
18) Methyl Acetate	2.78	43	1046	0.759	ug/l #	24
20) Methylene Chloride	2.85	84	1506	Below Cal	#	91
36) 1,1-Dichloropropene	5.66	75	32102	4.564	ug/l #	50
38) Carbon Tetrachloride	5.67	117	45426	6.657	ug/l #	16
41) Methacrylonitrile	5.07	41	893	0.234	ug/l #	54
49) 1,4-Dioxane	7.77	88	157	8.128	ug/l #	5
76) 1,2,3-Trichloropropane	11.13	75	156769	23.077	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	156769	69.524	ug/l #	9

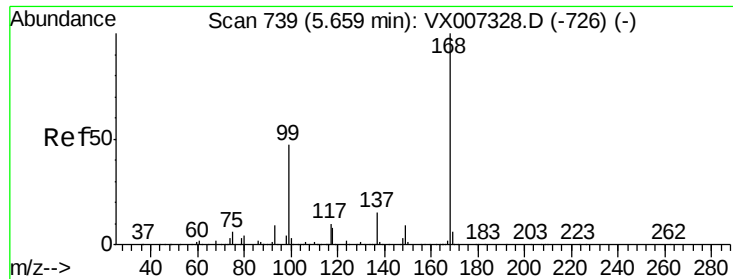
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021519\
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Quant Title : SW846 8260
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: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

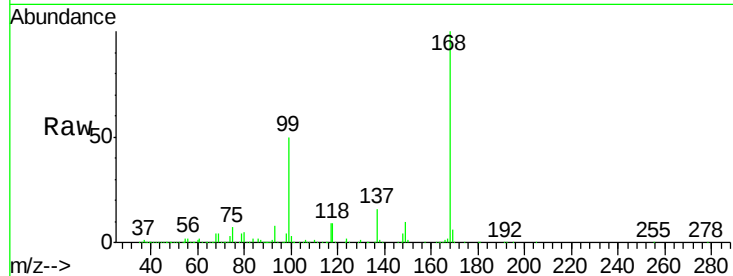
ClientSampleId :

Tot Ion:168 Resp: 491604

Ion Ratio Lower Upper

168 100

99 49.6 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

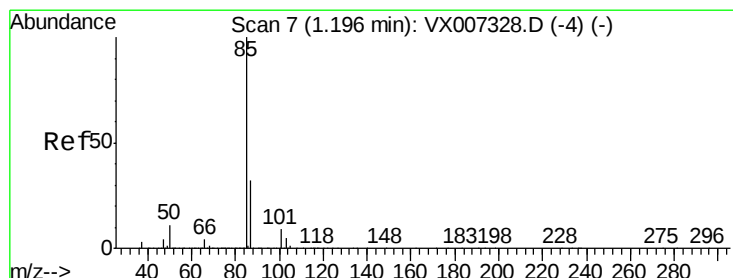
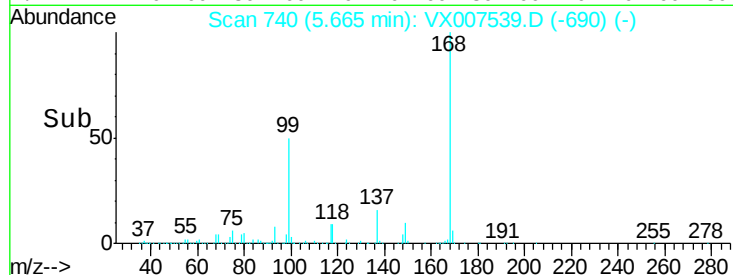
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.207 ug/l

RT: 1.21 min Scan# 9

Delta R.T. 0.01 min

Lab File: VX007539.D

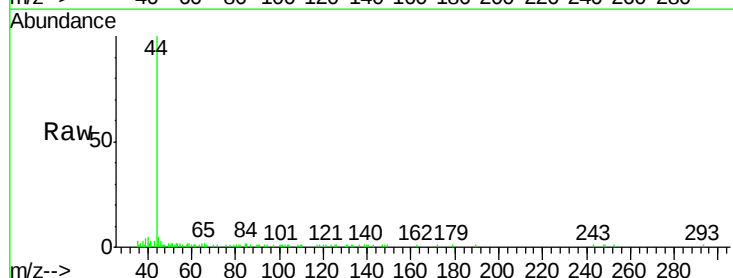
Acq: 14 Feb 2019 12:22

Tgt Ion: 85 Resp: 181

Ion Ratio Lower Upper

85 100

87 25.9 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.21

300

250

200

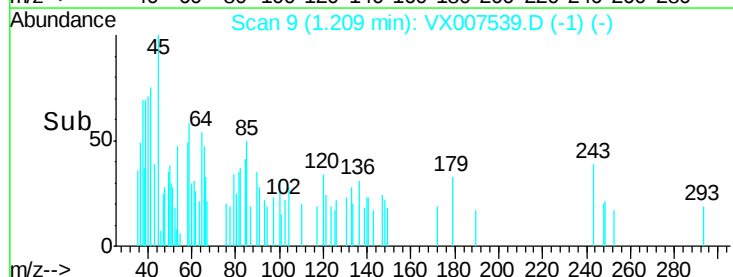
150

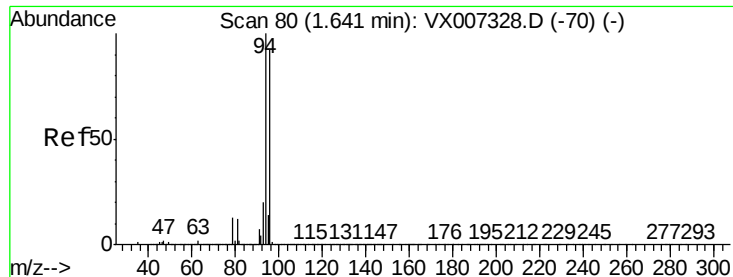
100

50

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

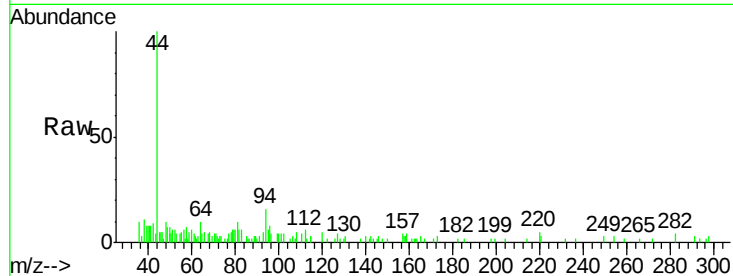
ClientSampled :

Tot Ion: 94 Resp: 418

Ion Ratio Lower Upper

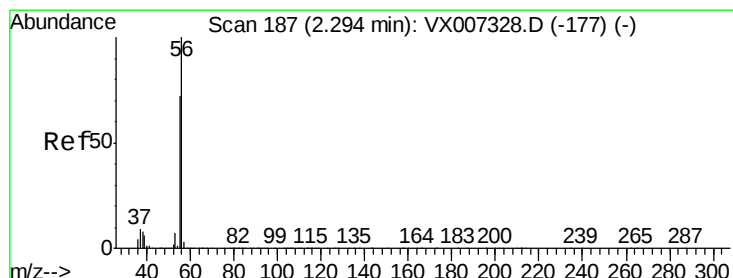
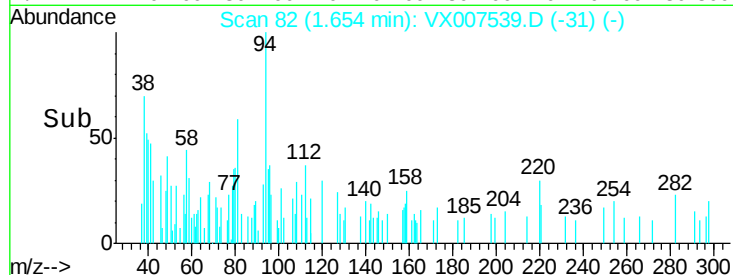
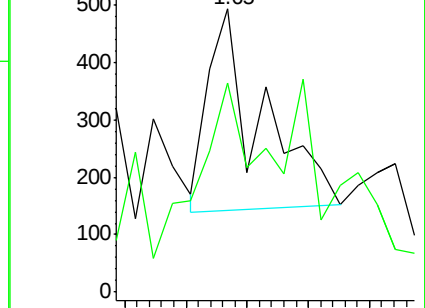
94 100

96 60.1 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#13

Acrolein

Concen: 0.845 ug/l

RT: 2.28 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX007539.D

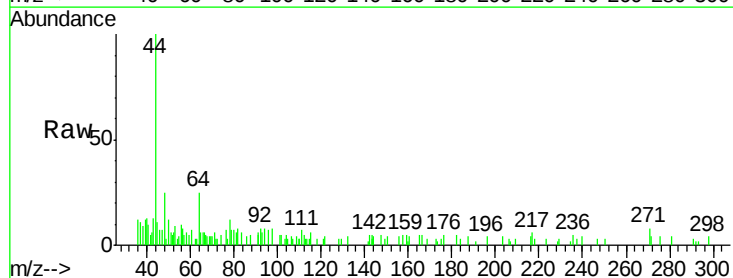
Acq: 14 Feb 2019 12:22

Tgt Ion: 56 Resp: 428

Ion Ratio Lower Upper

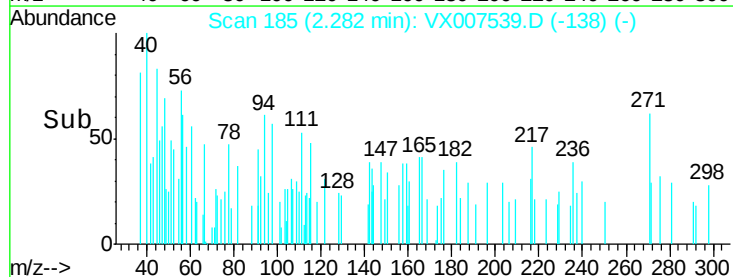
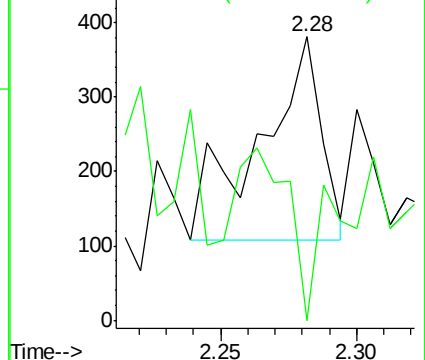
56 100

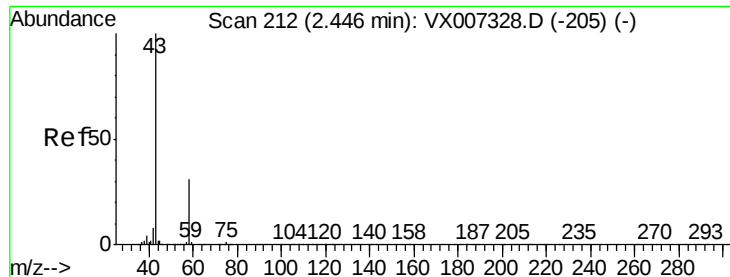
55 69.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 0.446 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

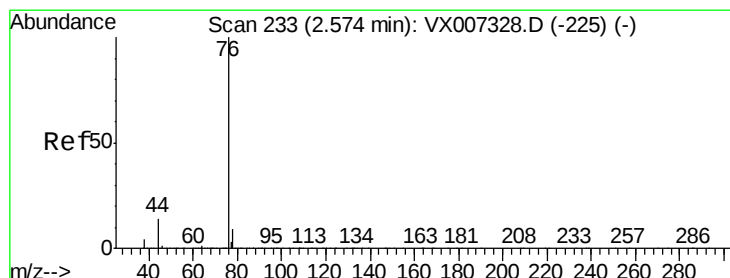
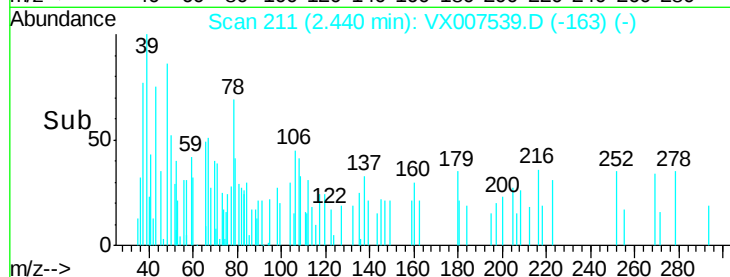
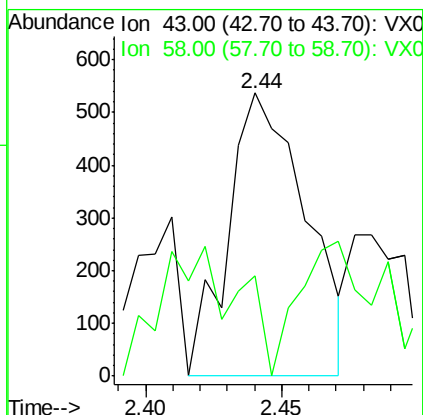
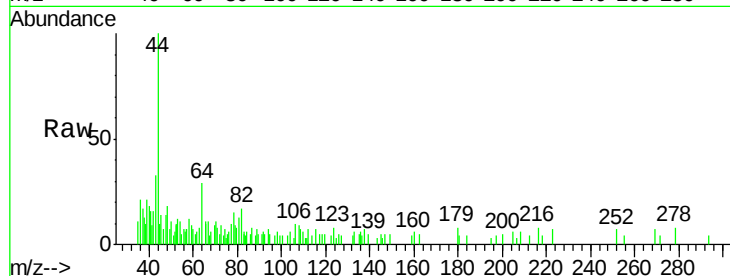
ClientSampled :

Tot Ion: 43 Resp: 1065

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



#17

Carbon Disulfide

Concen: 2.269 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.01 min

Lab File: VX007539.D

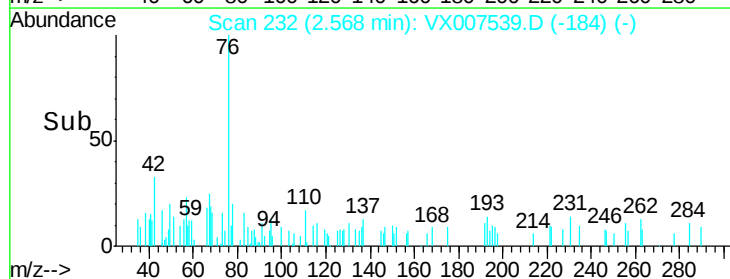
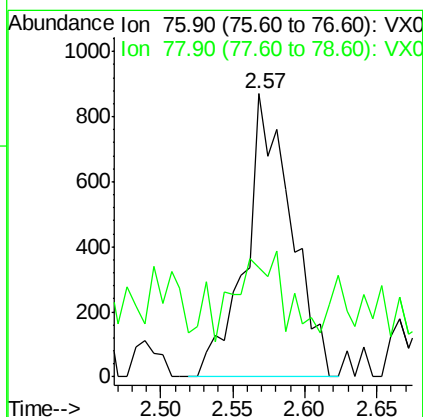
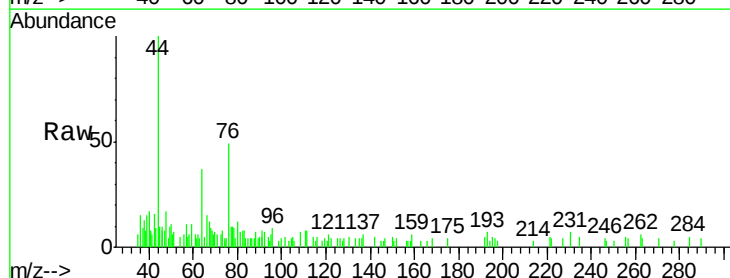
Acq: 14 Feb 2019 12:22

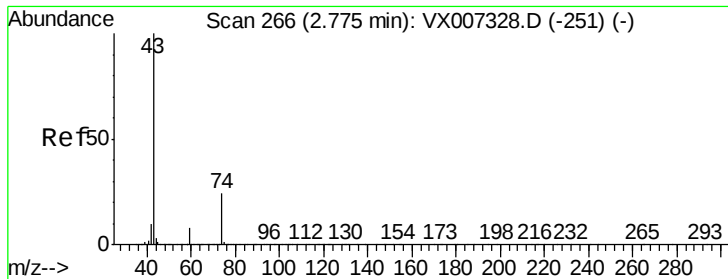
Tgt Ion: 76 Resp: 1901

Ion Ratio Lower Upper

76 100

78 23.1 7.1 10.7#

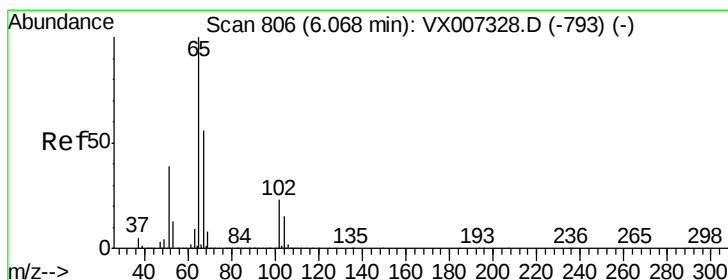
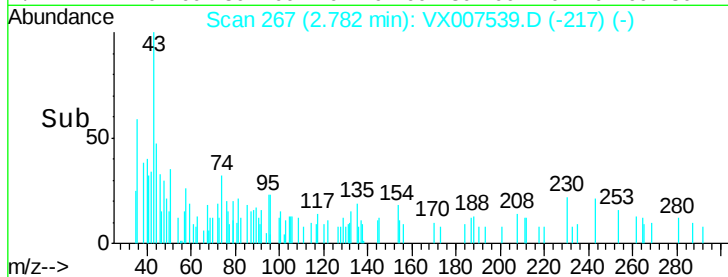
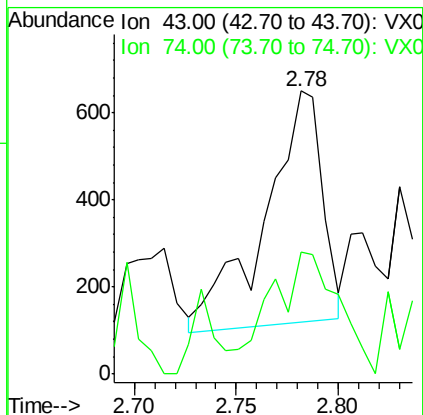
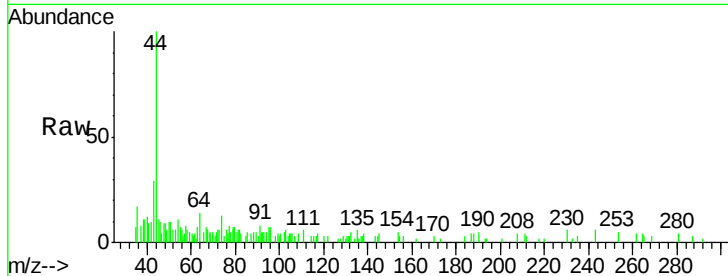




#18
Methvl Acetate
Concen: 0.759 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

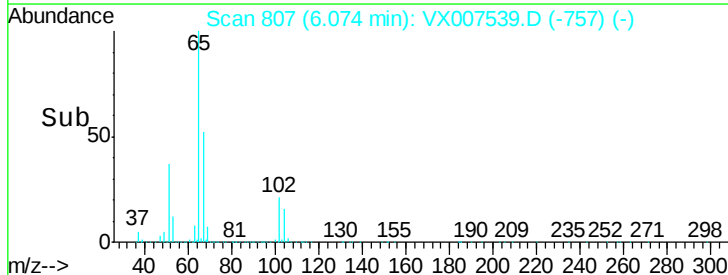
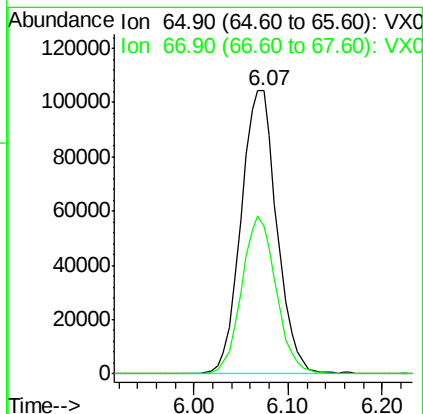
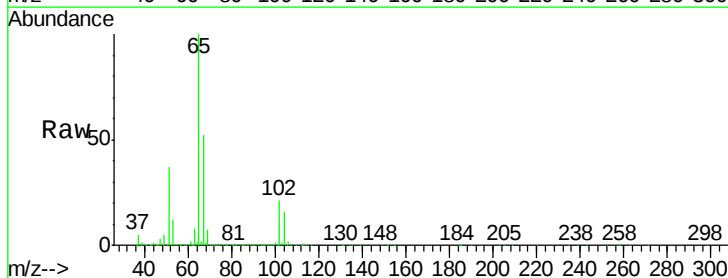
Instrument :
MSVOA_X
ClientSampleId :

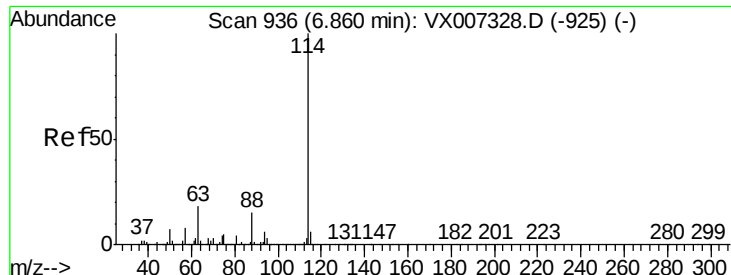
Tot Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
74 61.9 19.4 29.2#



#33
1,2-Dichloroethane-d4
Concen: 53.172 ug/l
RT: 6.07 min Scan# 807
Delta R.T. 0.01 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

Tgt Ion: 65 Resp: 277448
Ion Ratio Lower Upper
65 100
67 53.6 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: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

ClientSampleId :

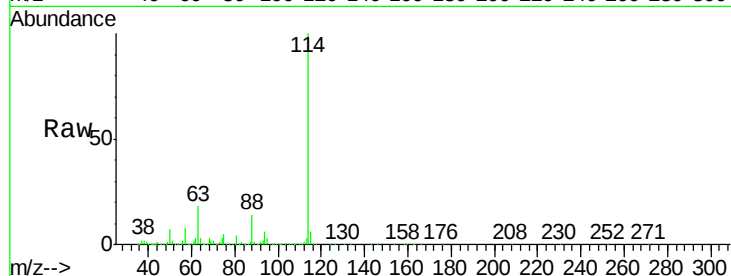
Tot Ion:114 Resp: 783902

Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.6

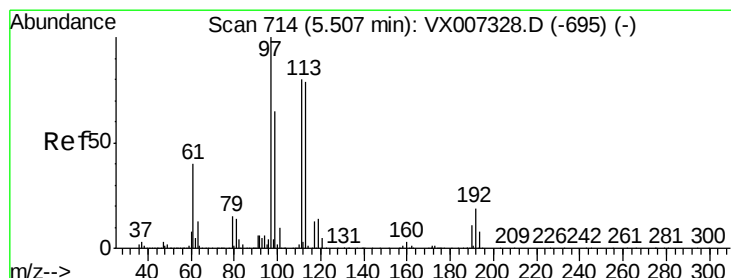
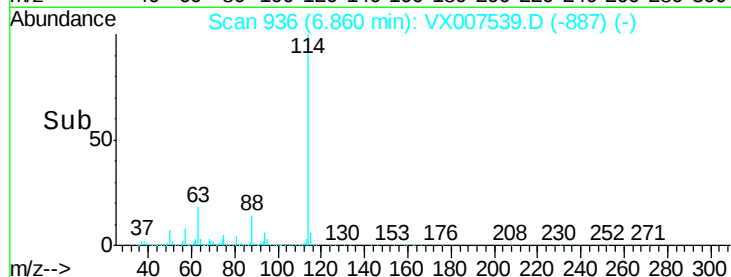
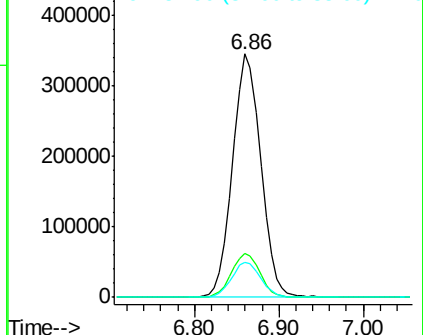
88 14.3 0.0 29.6



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: 51.061 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.00 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

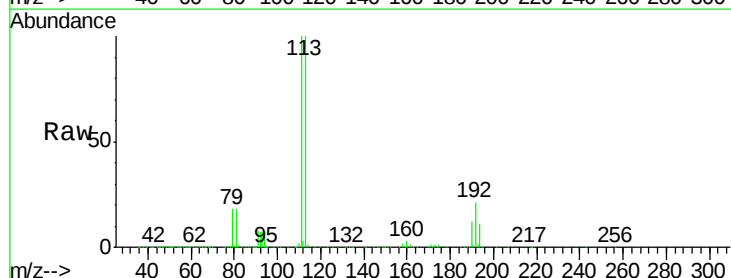
Tgt Ion:113 Resp: 260442

Ion Ratio Lower Upper

113 100

111 100.2 81.8 122.8

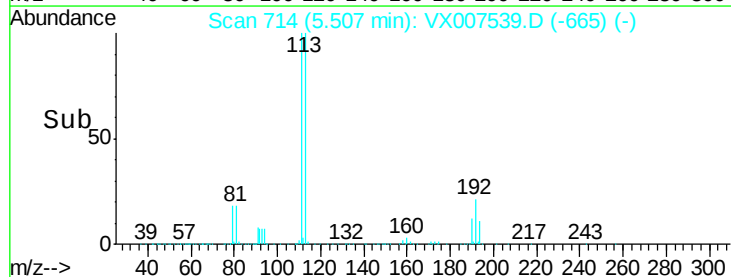
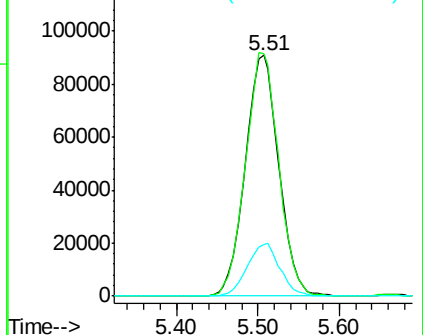
192 21.4 18.5 27.7

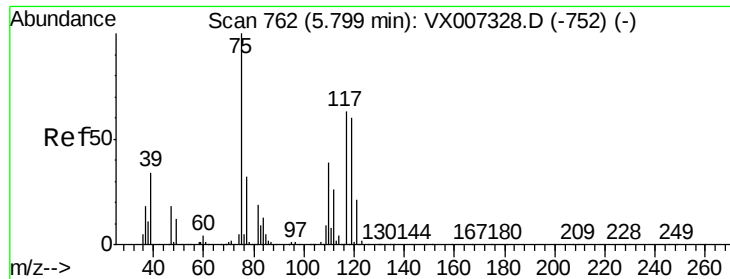


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.564 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :
MSVOA_X
ClientSampleId :

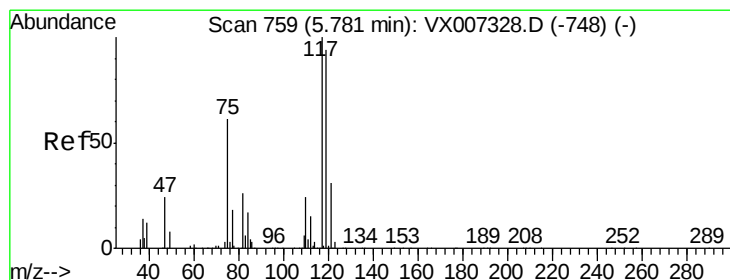
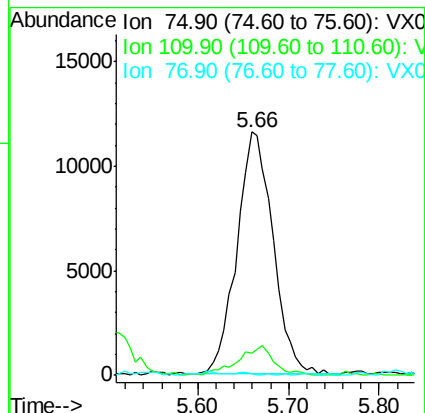
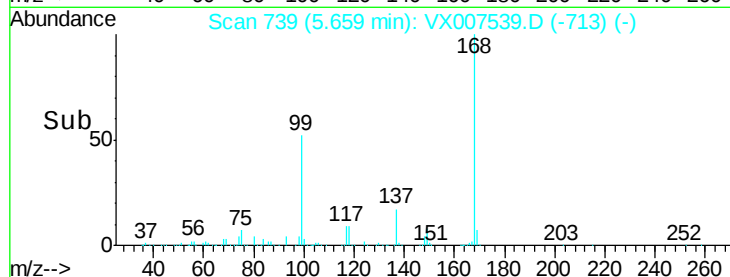
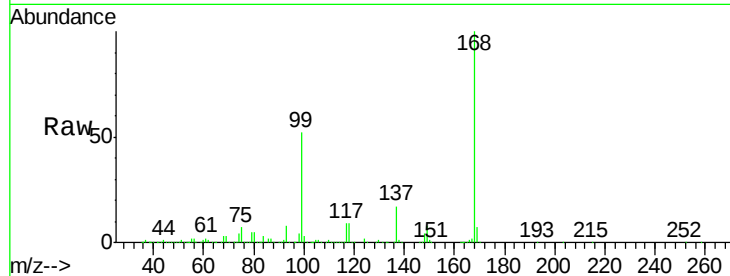
Tot Ion: 75 Resp: 32102

Ion Ratio Lower Upper

75 100

110 12.1 20.0 59.9#

77 0.1 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.657 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

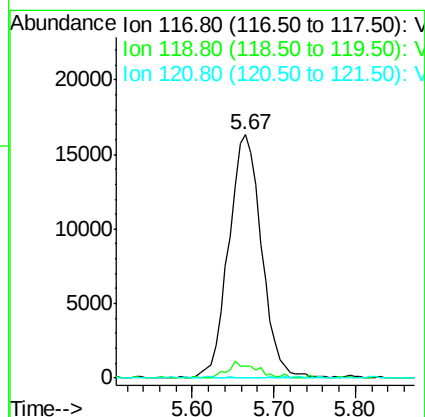
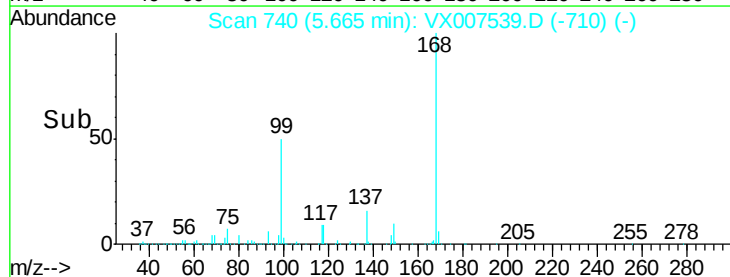
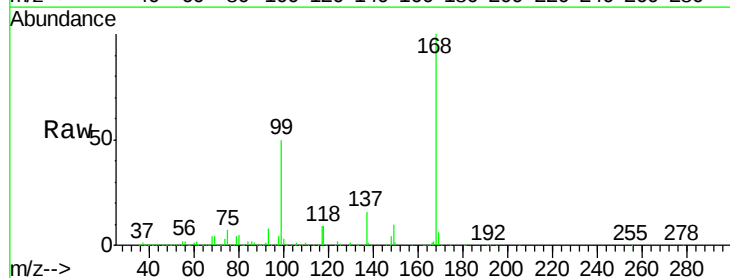
Tgt Ion: 117 Resp: 45426

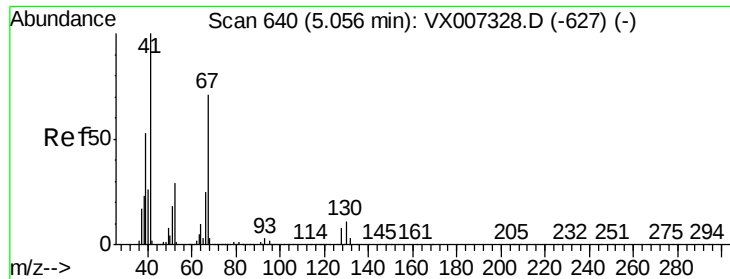
Ion Ratio Lower Upper

117 100

119 4.8 75.3 112.9#

121 0.0 25.0 37.4#

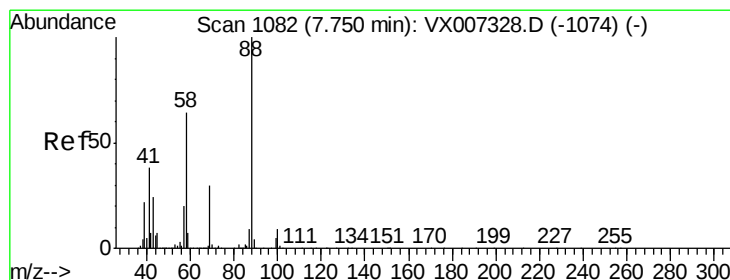
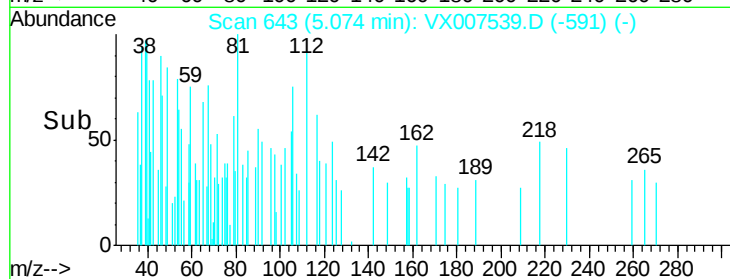
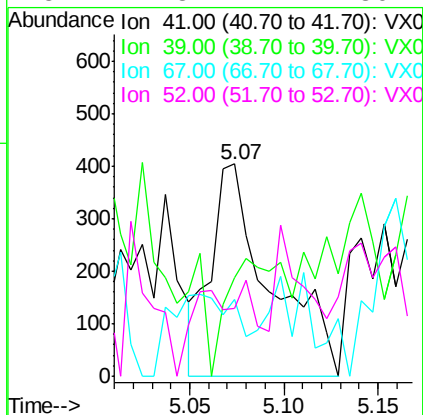
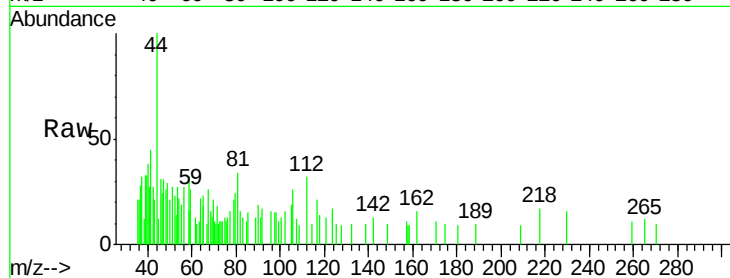




#41
Methacrylonitrile
Concen: 0.234 ug/l
RT: 5.07 min Scan# 643
Delta R.T. 0.02 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

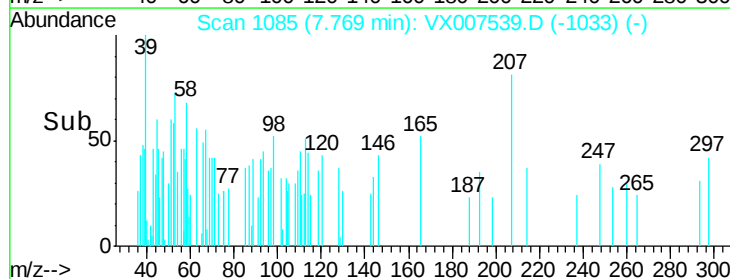
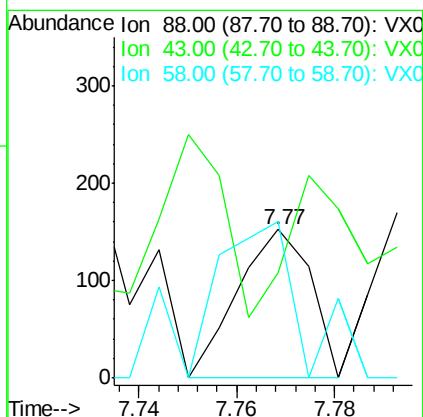
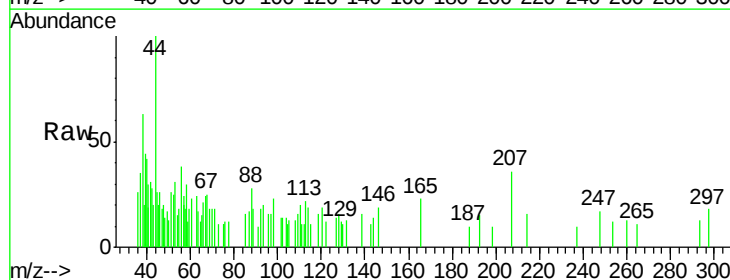
Instrument :
MSVOA_X
ClientSampled :

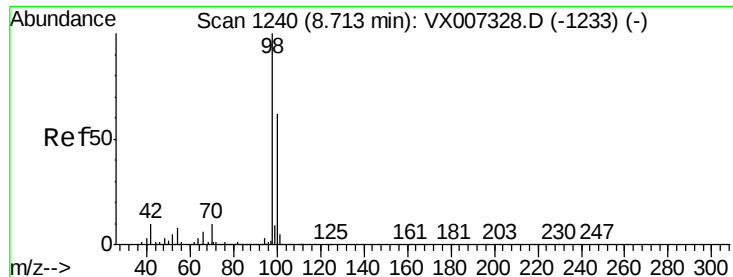
Tot Ion:	41	Resp:	893
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.5	66.7
67	0.0	60.4	90.6#
52	42.8	24.1	36.1#



#49
1,4-Dioxane
Concen: 8.128 ug/l
RT: 7.77 min Scan# 1085
Delta R.T. 0.02 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

Tgt Ion:	88	Resp:	157
Ion	Ratio	Lower	Upper
88	100		
43	83.4	24.2	36.4#
58	140.8	53.0	79.4#

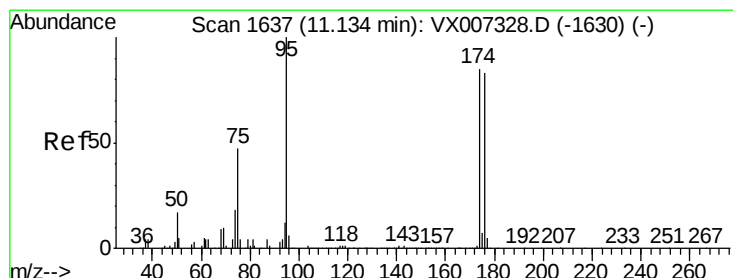
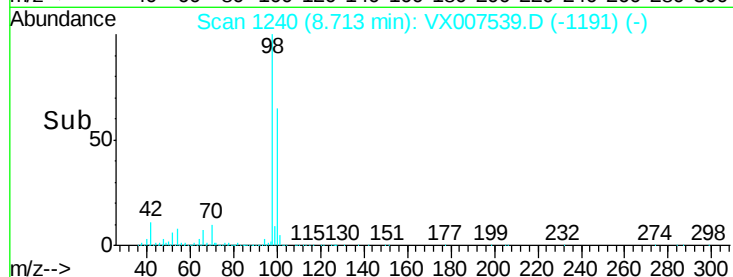
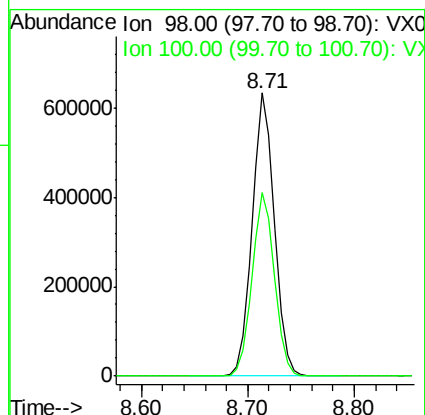
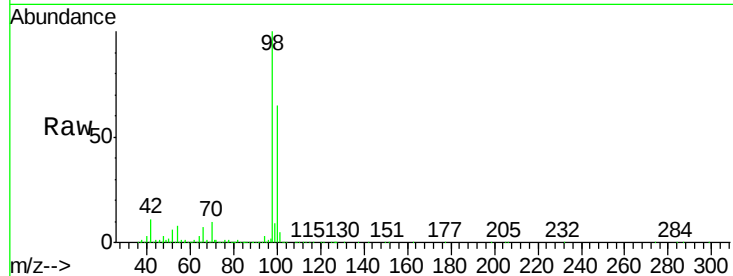




#50
Toluene-d8
Concen: 49.128 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

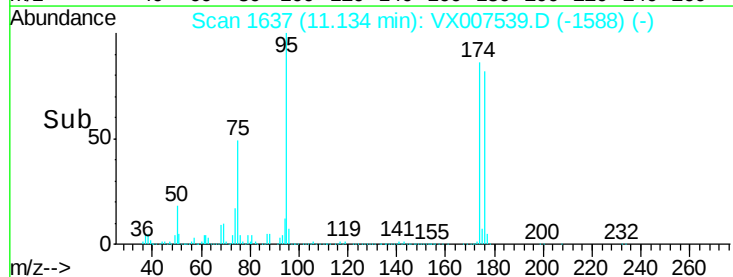
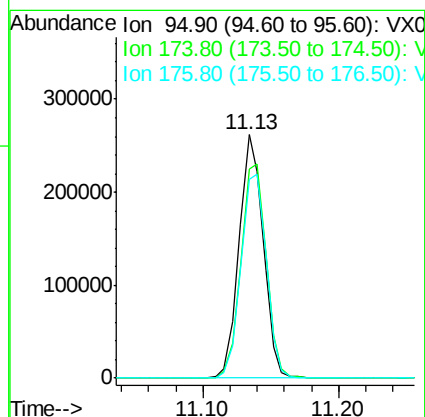
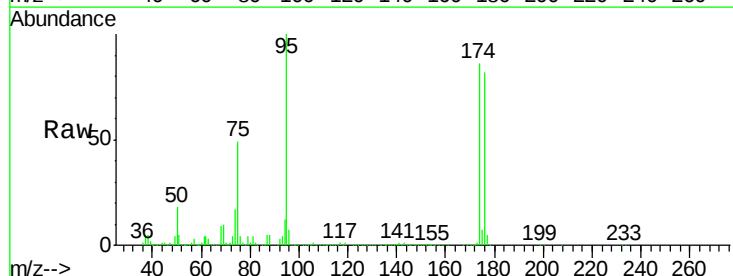
Instrument :
MSVOA_X
ClientSampleId :

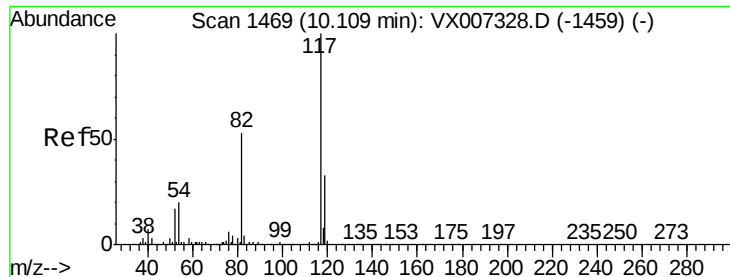
Tot Ion: 98 Resp: 929703
Ion Ratio Lower Upper
98 100
100 65.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.831 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

Tgt Ion: 95 Resp: 323561
Ion Ratio Lower Upper
95 100
174 92.4 0.0 189.2
176 89.0 0.0 186.2

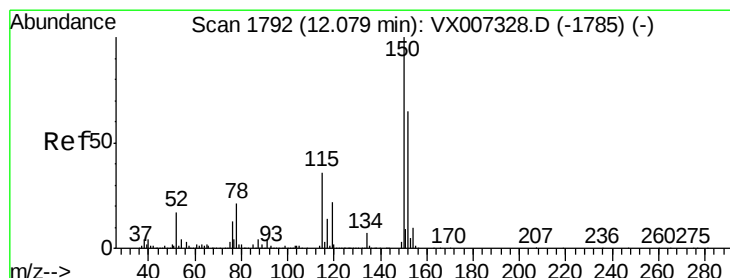
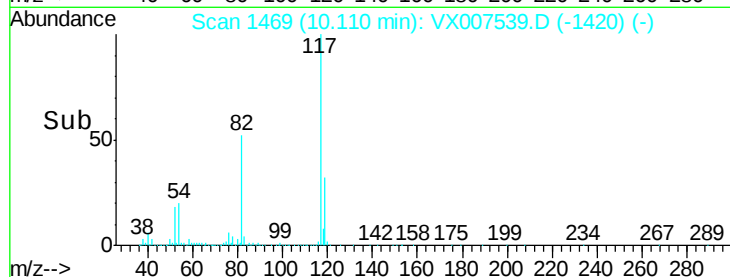
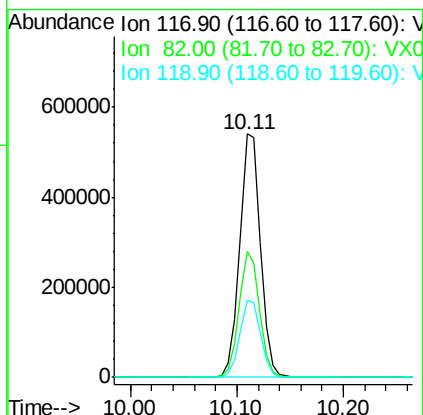
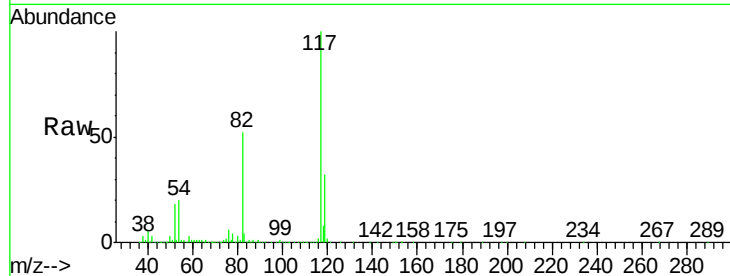




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

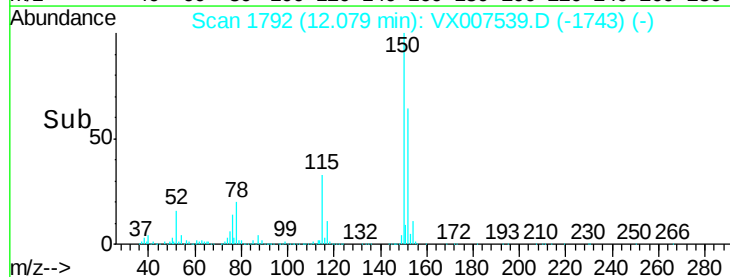
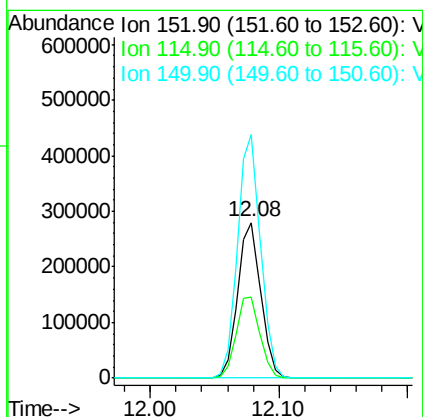
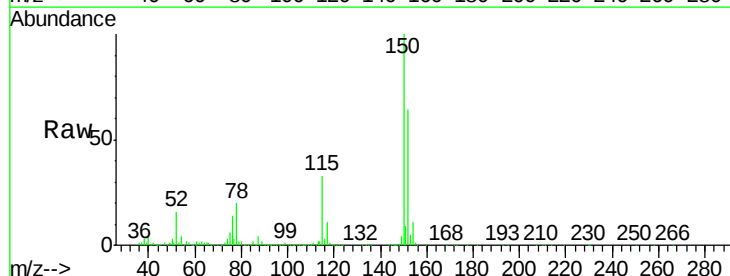
Instrument :
MSVOA_X
ClientSampleId :

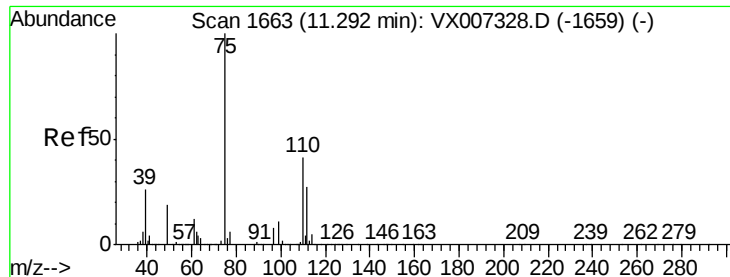
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.1	63.1
119	31.8	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007539.D
Acq: 14 Feb 2019 12:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	38.0	114.0
150	156.2	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 23.077 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

Instrument :

MSVOA_X

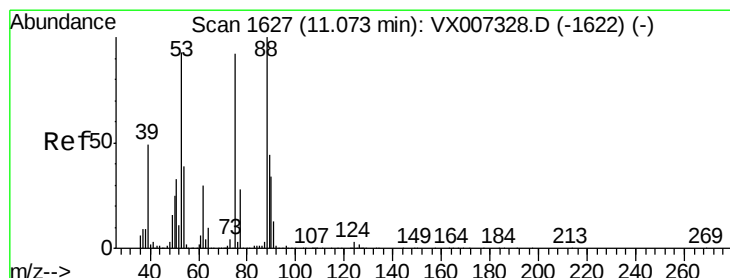
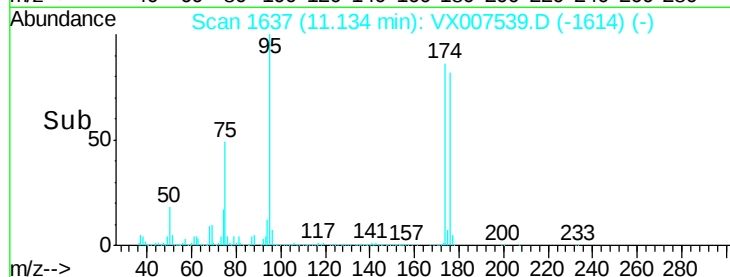
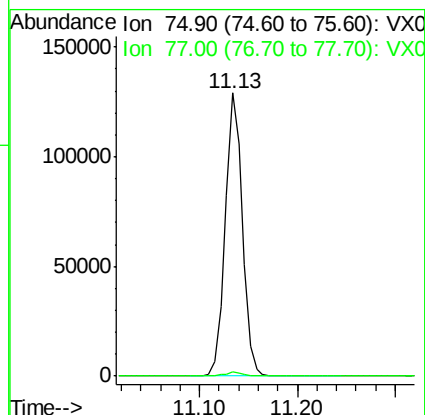
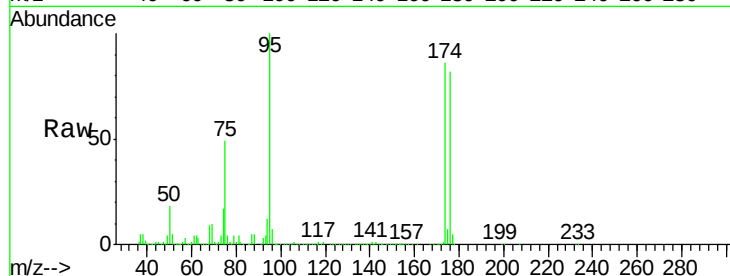
ClientSampleId :

Tot Ion: 75 Resp: 156769

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.524 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007539.D

Acq: 14 Feb 2019 12:22

Tgt Ion: 75 Resp: 156769

Ion Ratio Lower Upper

75 100

53 0.3 81.0 121.6#

89 0.1 41.4 62.0#

