

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\
 Data File : VX010485.D
 Acq On : 27 Jun 2019 13:46
 Operator : JC/SP
 Sample : K3565-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 28 06:46:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	241319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373964	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156294	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	115456	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
35) Dibromofluoromethane	5.50	113	113546	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	439730	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.13	95	147747	46.75	ug/l	0.00
Spiked Amount			Recovery	=	93.50%	

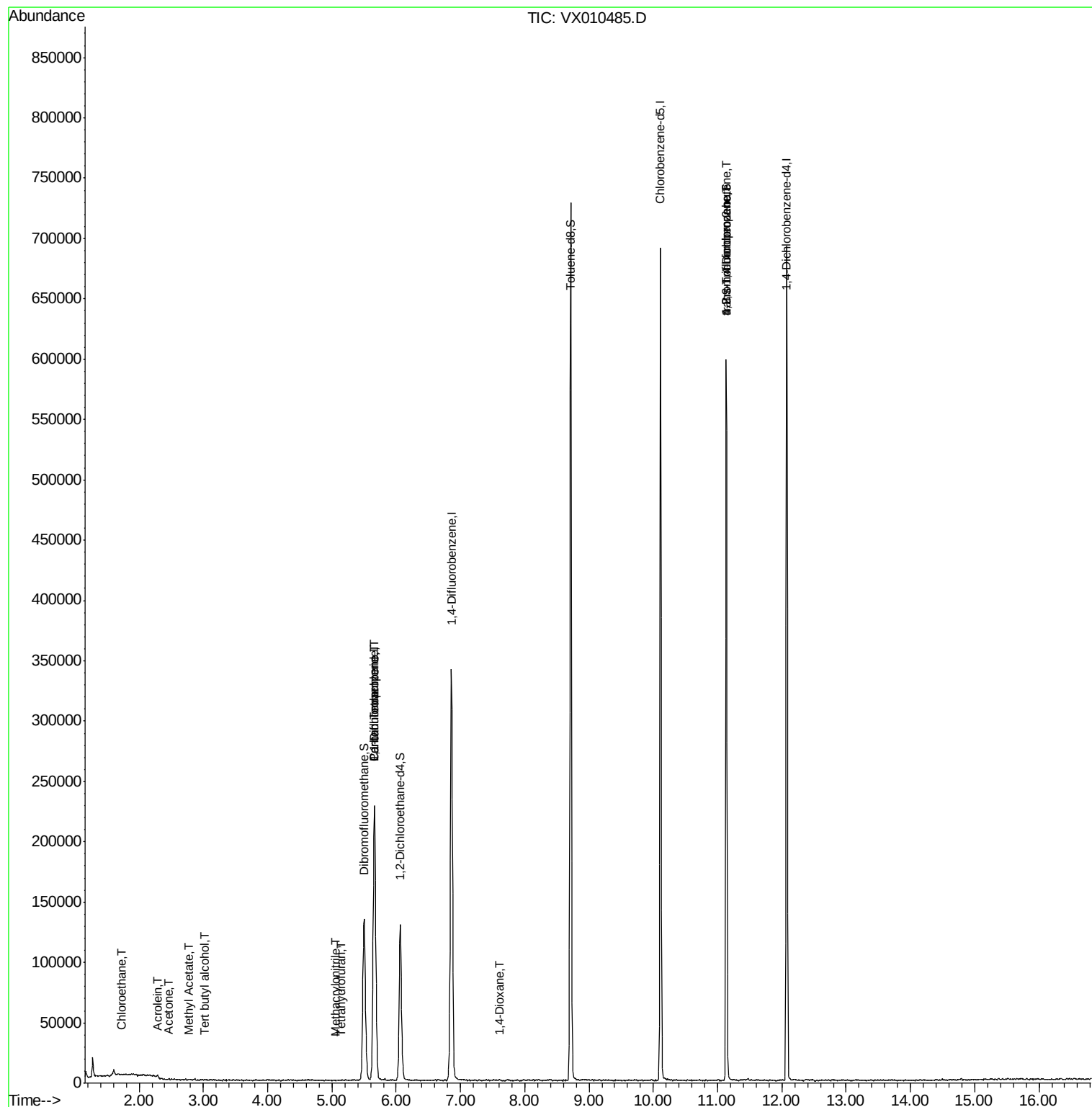
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.72	64	324	0.257	ug/l #	60
11) Tert butyl alcohol	3.03	59	285	0.481	ug/l #	17
13) Acrolein	2.29	56	415	1.057	ug/l #	14
16) Acetone	2.46	43	574	0.506	ug/l	94
18) Methyl Acetate	2.78	43	494	0.219	ug/l #	69
29) Tetrahydrofuran	5.15	42	224	0.217	ug/l #	45
36) 1,1-Dichloropropene	5.66	75	15059	5.067	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21552	6.697	ug/l #	15
41) Methacrylonitrile	5.06	41	451	0.269	ug/l #	33
49) 1,4-Dioxane	7.61	88	26	0.384	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	69632	24.449	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	69632	57.036	ug/l #	16

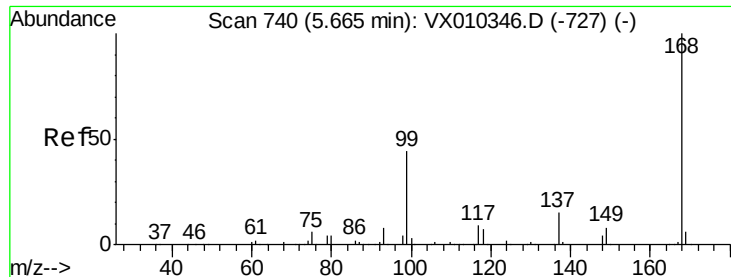
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX062719\
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QLast Update : Thu Jun 20 03:31:56 2019
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: VX010485.D

Acq: 27 Jun 2019 13:46

Instrument :

MSVOA_X

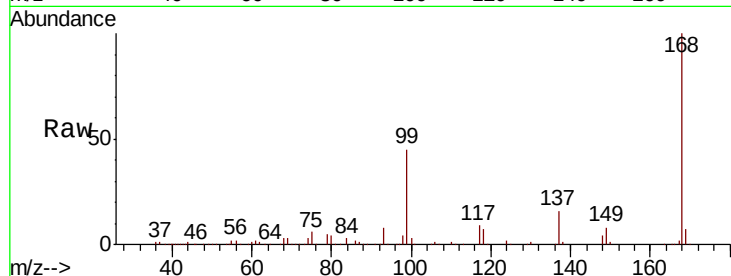
ClientSampleId :

Tot Ion:168 Resp: 241319

Ion Ratio Lower Upper

168 100

99 45.1 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

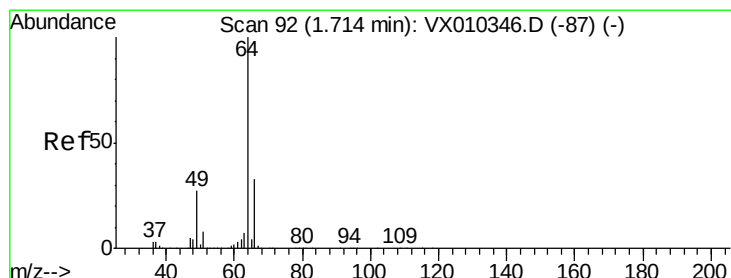
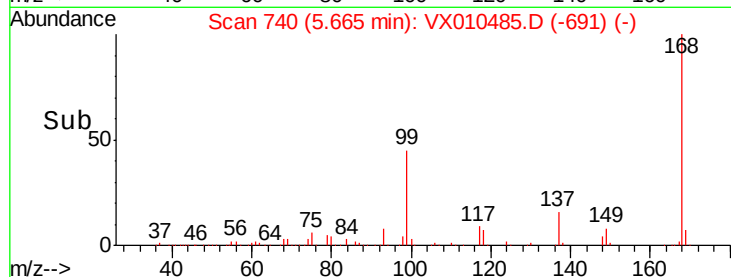
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#6

Chloroethane

Concen: 0.257 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX010485.D

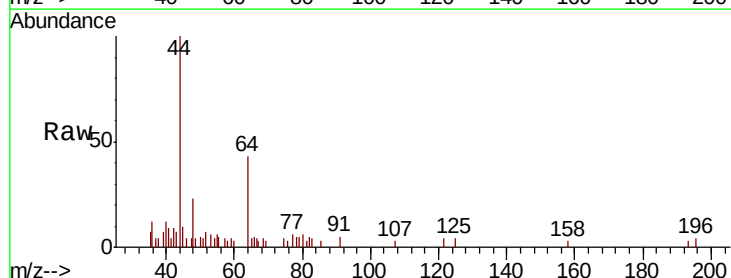
Acq: 27 Jun 2019 13:46

Tgt Ion: 64 Resp: 324

Ion Ratio Lower Upper

64 100

66 10.5 26.6 40.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

800

600

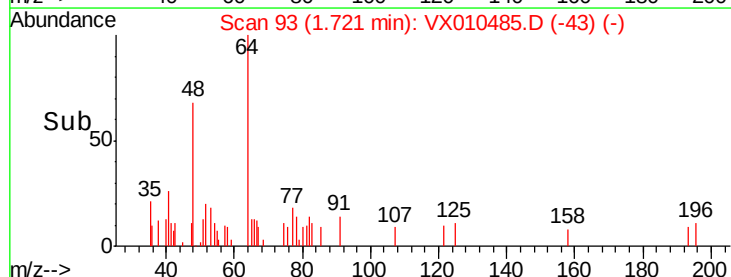
400

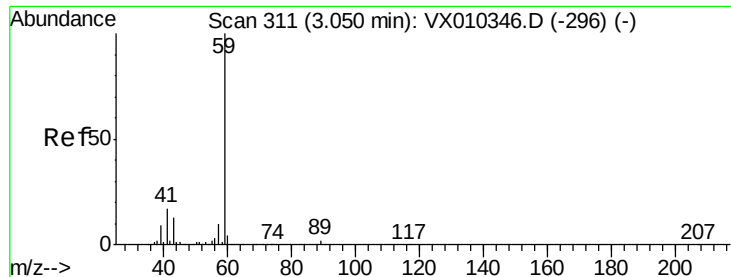
200

0

Time-->

1.70 1.72 1.74



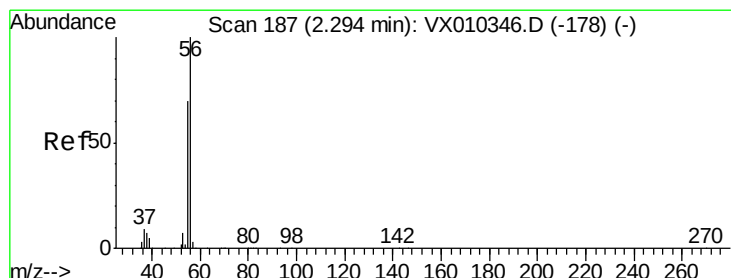
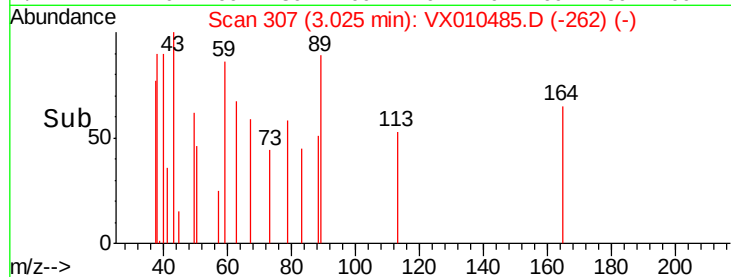
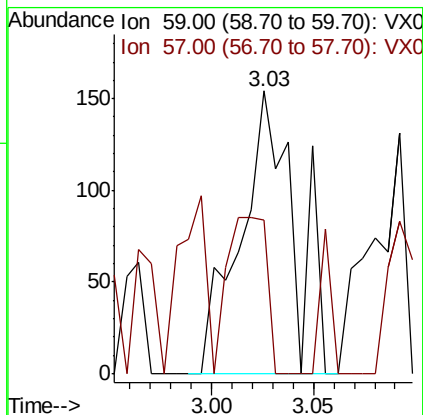
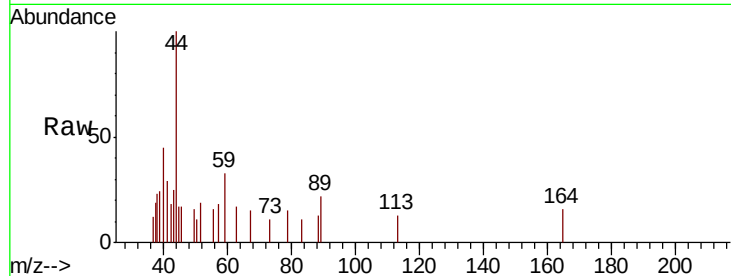


#11

Tert butyl alcohol
 Concen: 0.481 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.02 min
 Lab File: VX010485.D
 Acq: 27 Jun 2019 13:46

Instrument :
 MSVOA_X
 ClientSampled :

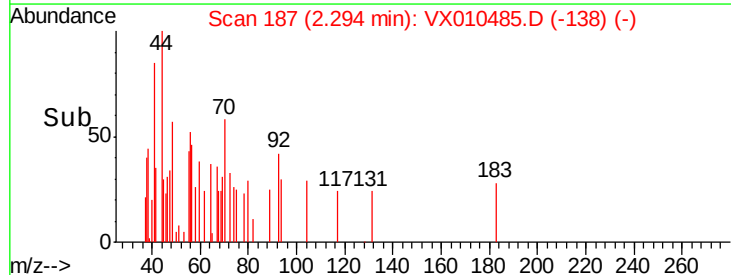
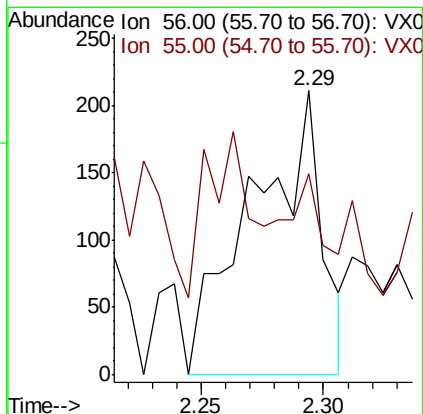
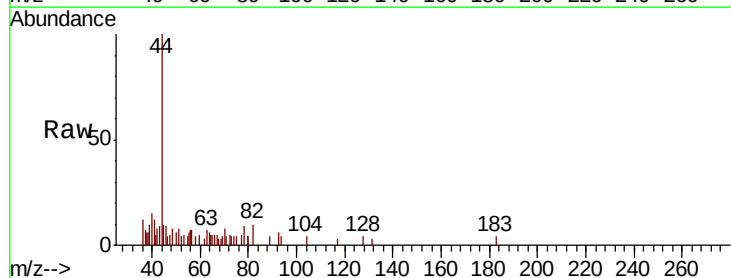
Tot Ion: 59 Resp: 285
 Ion Ratio Lower Upper
 59 100
 57 40.0 7.7 11.5#

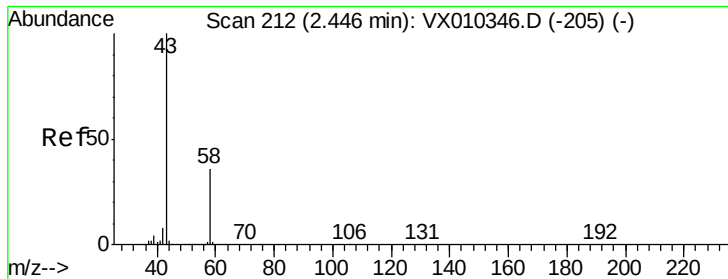


#13

Acrolein
 Concen: 1.057 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. 0.00 min
 Lab File: VX010485.D
 Acq: 27 Jun 2019 13:46

Tgt Ion: 56 Resp: 415
 Ion Ratio Lower Upper
 56 100
 55 0.0 56.9 85.3#

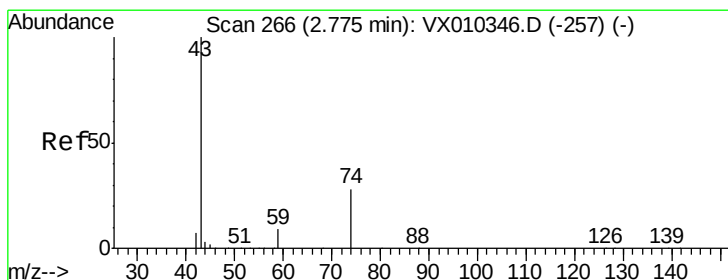
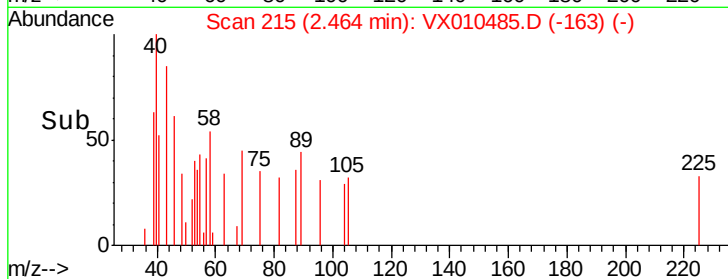
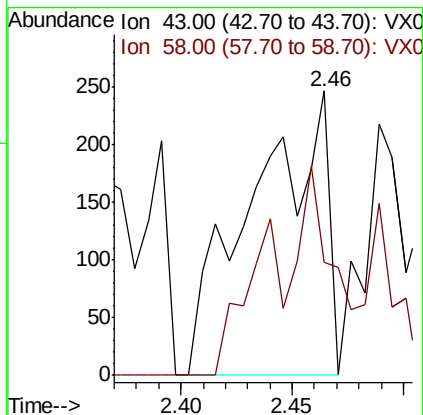
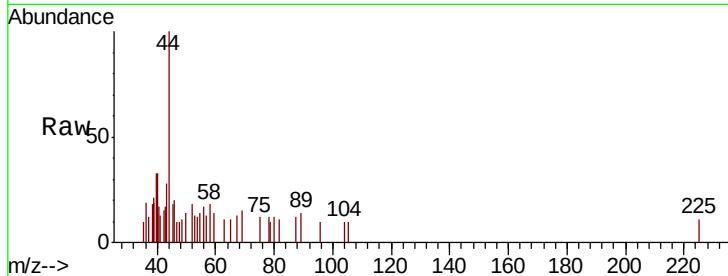




#16
Acetone
Concen: 0.506 ug/l
RT: 2.46 min Scan# 215
Delta R.T. 0.02 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

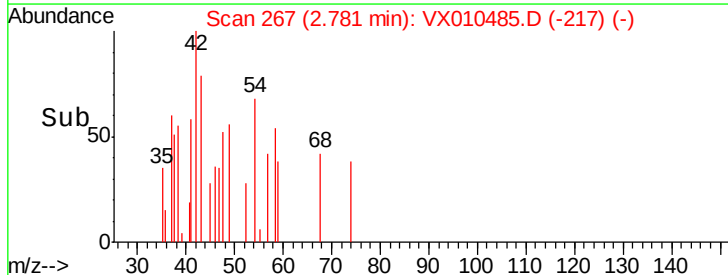
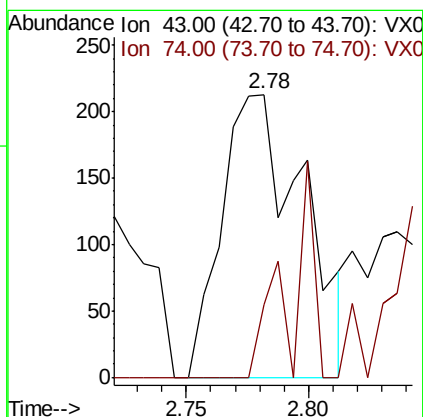
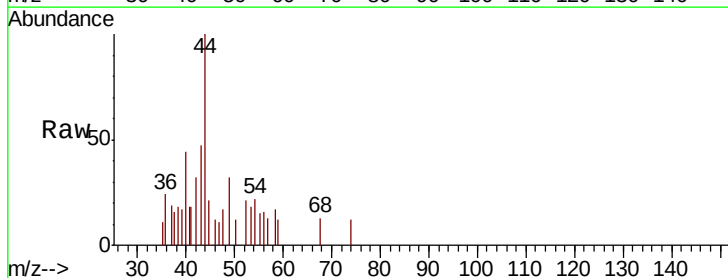
Instrument :
MSVOA_X
ClientSampleId :

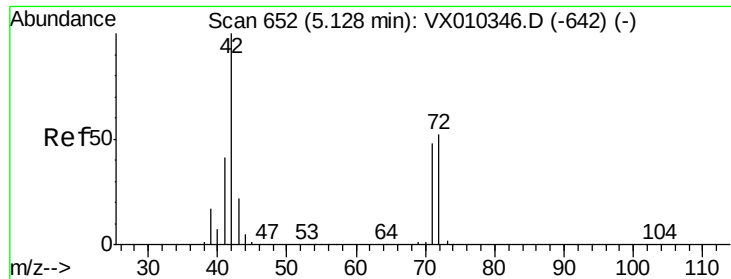
Tot Ion: 43 Resp: 574
Ion Ratio Lower Upper
43 100
58 39.4 28.9 43.3



#18
Methyl Acetate
Concen: 0.219 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

Tgt Ion: 43 Resp: 494
Ion Ratio Lower Upper
43 100
74 10.5 21.3 31.9#





#29

Tetrahydrofuran

Concen: 0.217 ug/l

RT: 5.15 min Scan# 655

Delta R.T. 0.02 min

Lab File: VX010485.D

Acq: 27 Jun 2019 13:46

Instrument :

MSVOA_X

ClientSampled :

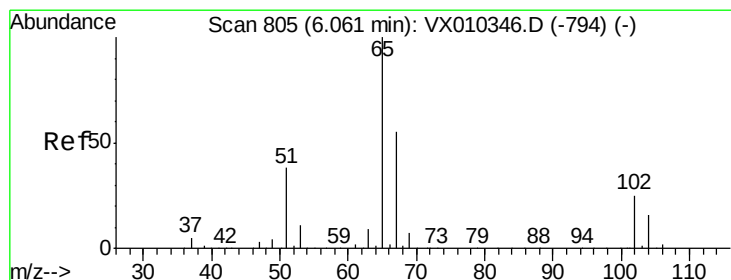
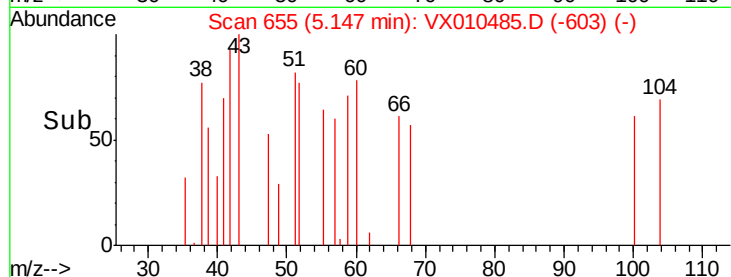
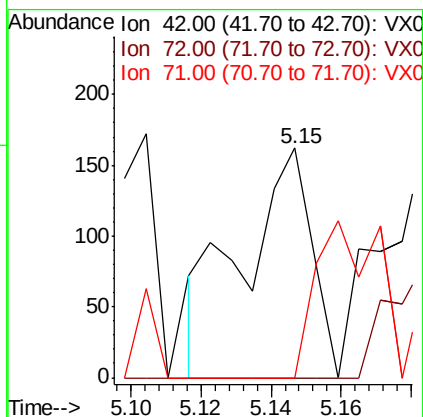
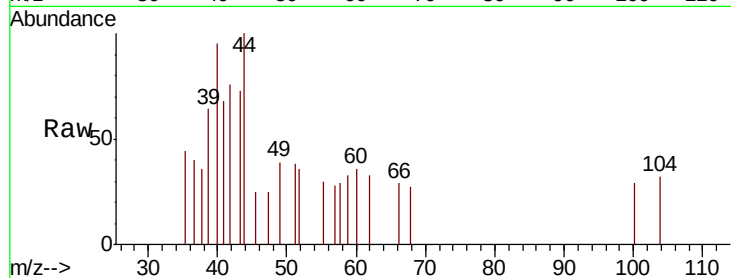
Tot Ion: 42 Resp: 224

Ion Ratio Lower Upper

42 100

72 0.0 40.6 60.8#

71 71.4 37.8 56.8#



#33

1,2-Dichloroethane-d4

Concen: 51.028 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX010485.D

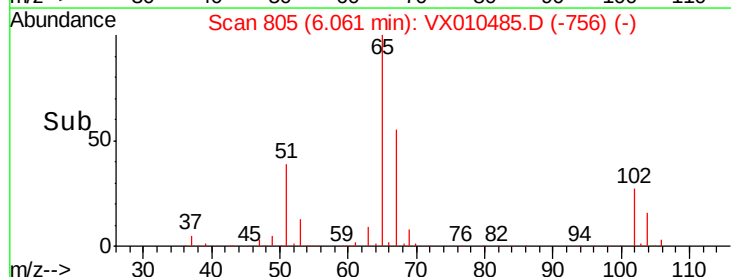
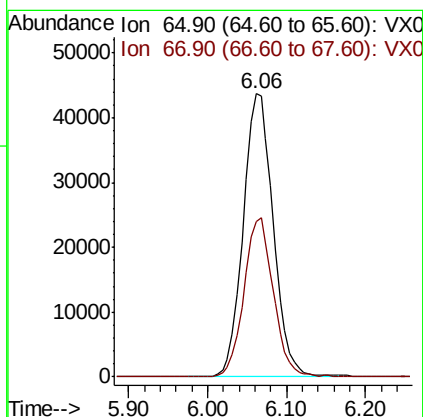
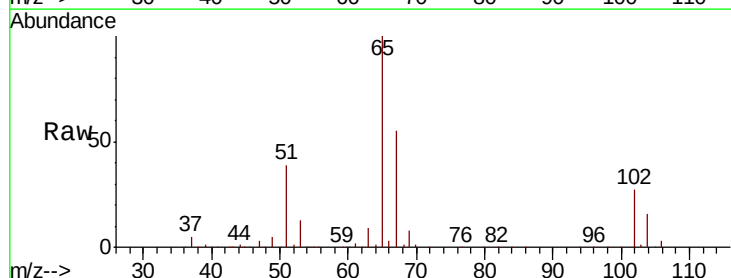
Acq: 27 Jun 2019 13:46

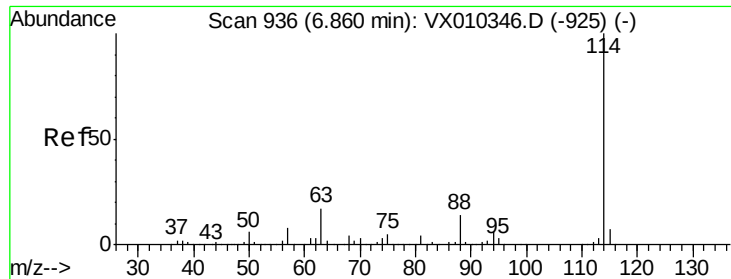
Tgt Ion: 65 Resp: 115456

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010485.D

Acq: 27 Jun 2019 13:46

Instrument :

MSVOA_X

ClientSampleId :

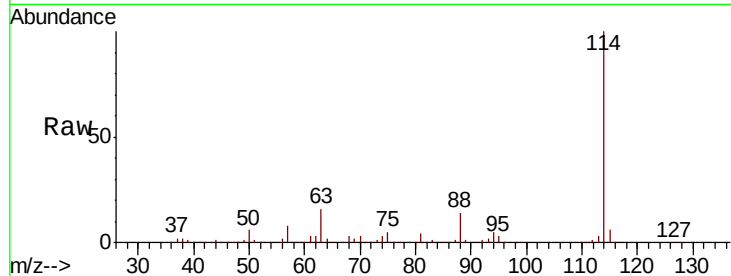
Tot Ion:114 Resp: 373964

Ion Ratio Lower Upper

114 100

63 16.2 0.0 33.8

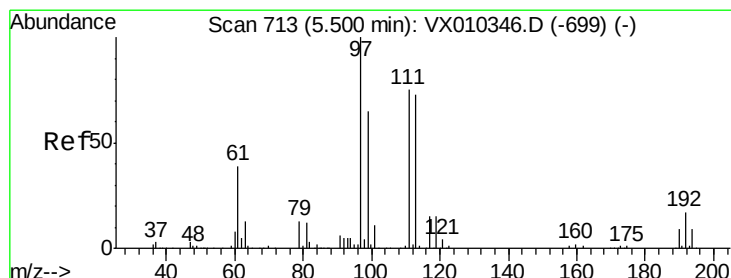
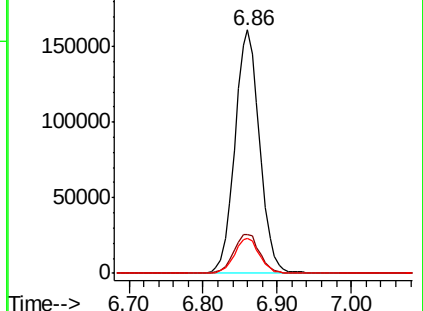
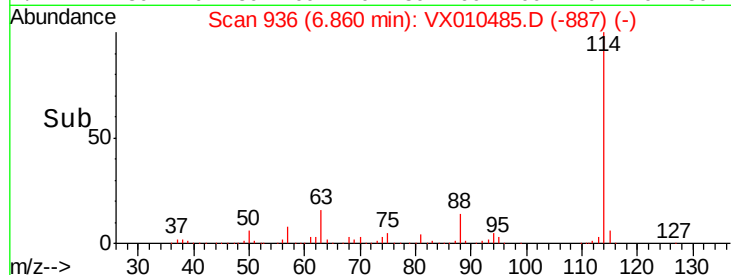
88 14.3 0.0 27.6



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: 49.626 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010485.D

Acq: 27 Jun 2019 13:46

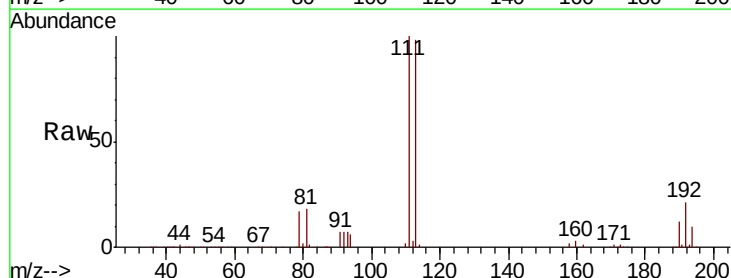
Tgt Ion:113 Resp: 113546

Ion Ratio Lower Upper

113 100

111 102.8 81.2 121.8

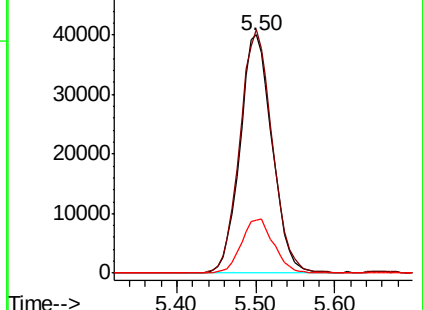
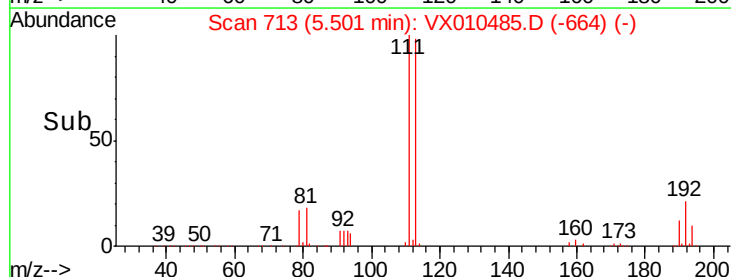
192 22.8 18.6 27.8

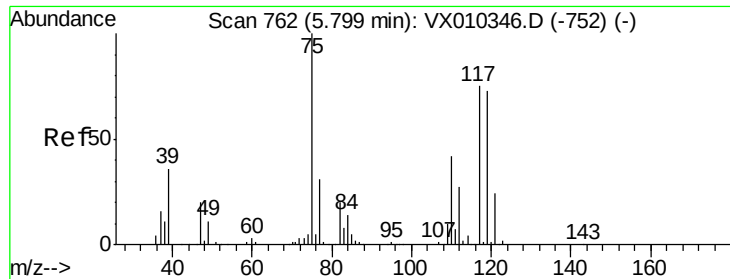


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

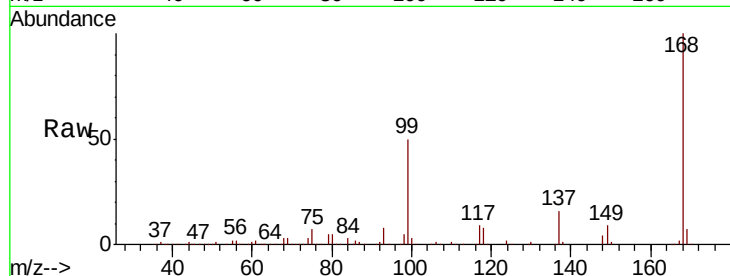




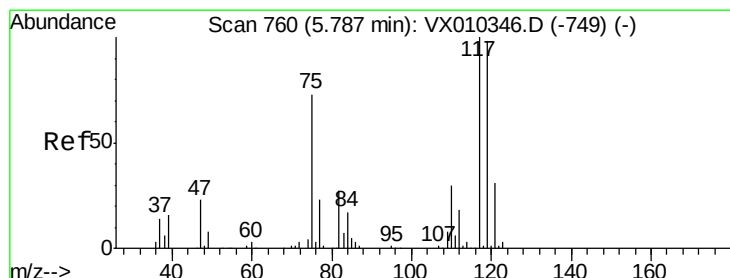
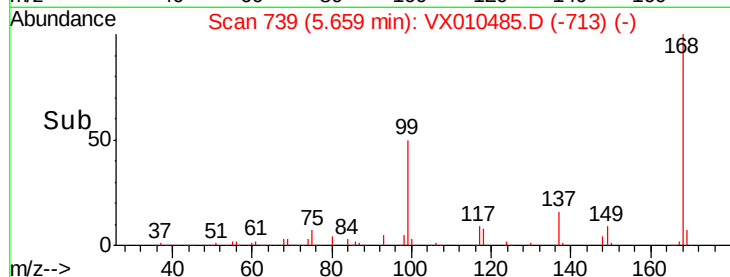
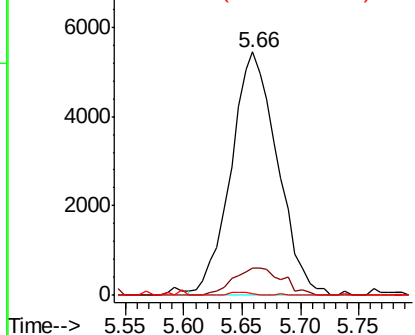
#36
 1,1-Dichloropropene
 Concen: 5.067 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX010485.D
 Acq: 27 Jun 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
110	12.1	20.8	62.2#
77	0.6	25.4	38.0#

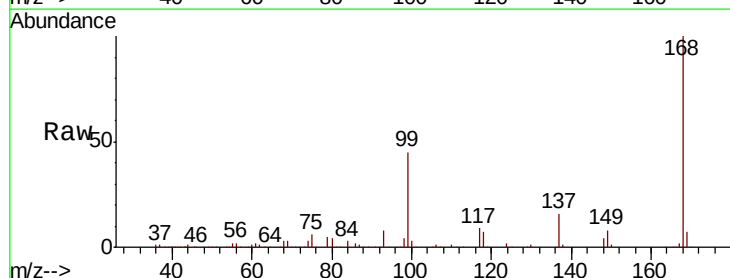


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

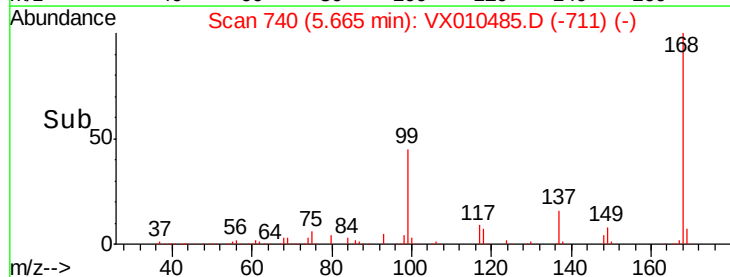
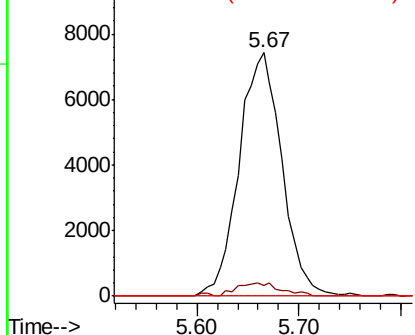


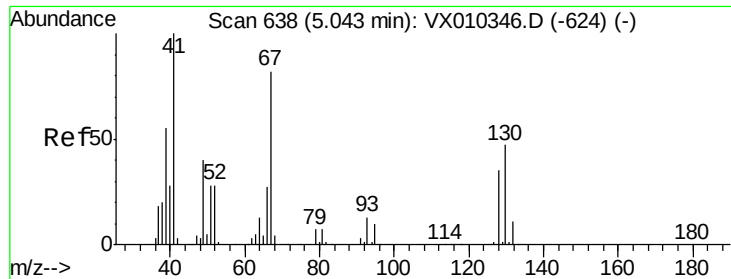
#38
 Carbon Tetrachloride
 Concen: 6.697 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX010485.D
 Acq: 27 Jun 2019 13:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.2	117.4#
121	0.0	24.7	37.1#



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

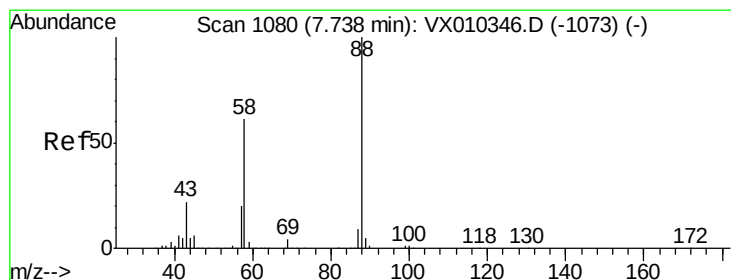
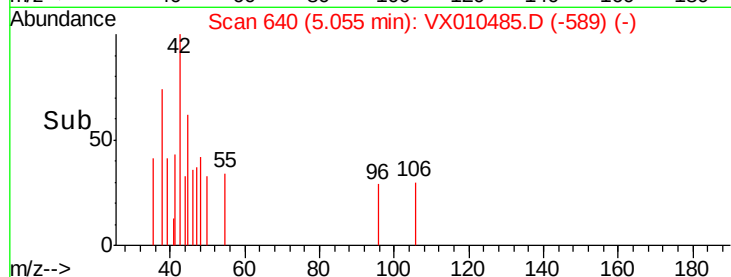
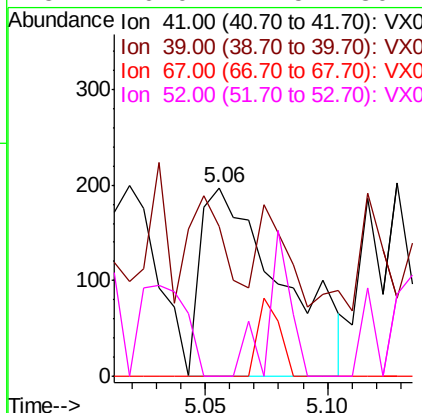
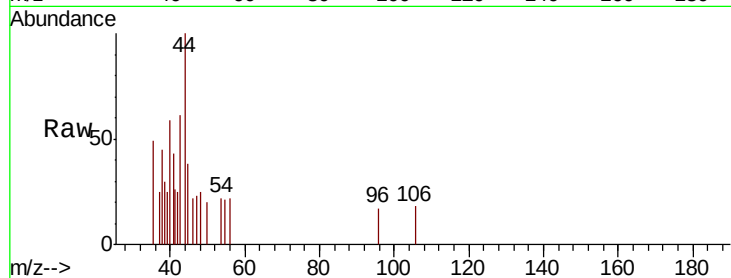




#41
Methacrylonitrile
Concen: 0.269 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

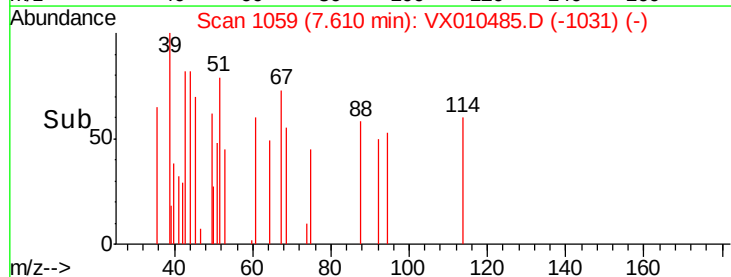
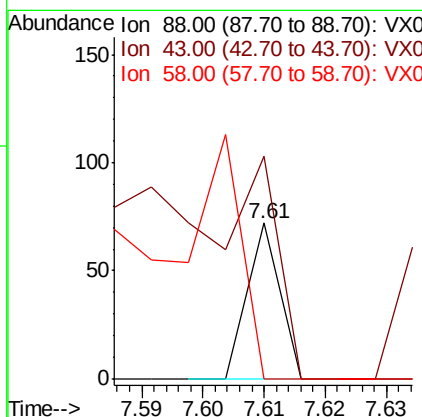
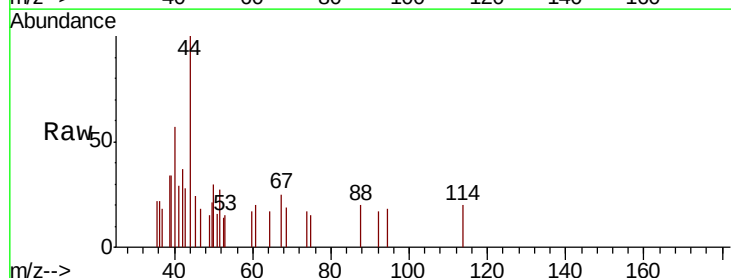
Instrument :
MSVOA_X
ClientSampled :

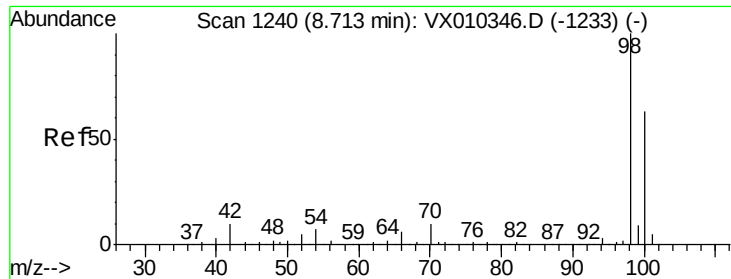
Tot Ion: 41 Resp: 451
Ion Ratio Lower Upper
41 100
39 30.2 43.8 65.8#
67 0.0 66.6 100.0#
52 0.0 24.5 36.7#



#49
1,4-Dioxane
Concen: 0.384 ug/l
RT: 7.61 min Scan# 1059
Delta R.T. -0.13 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 565.4 20.2 30.2#
58 407.7 49.5 74.3#

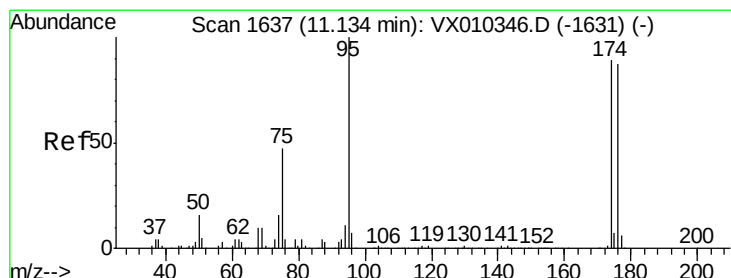
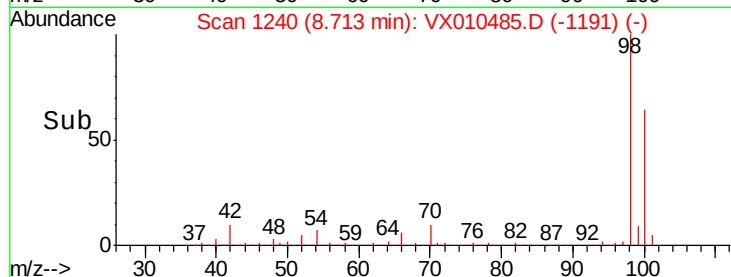
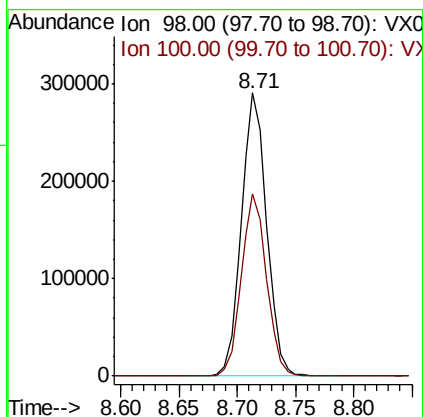
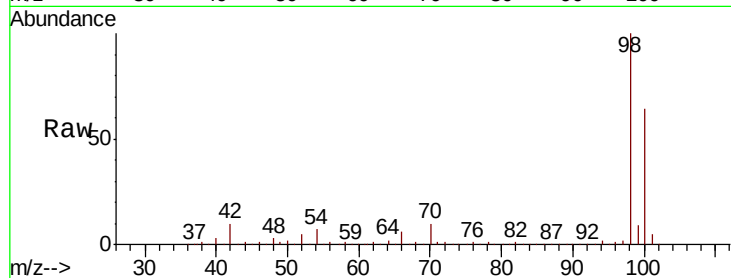




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

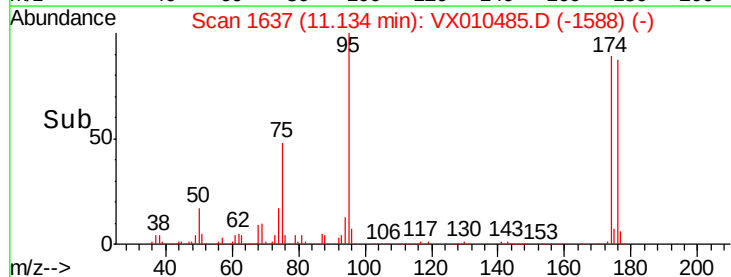
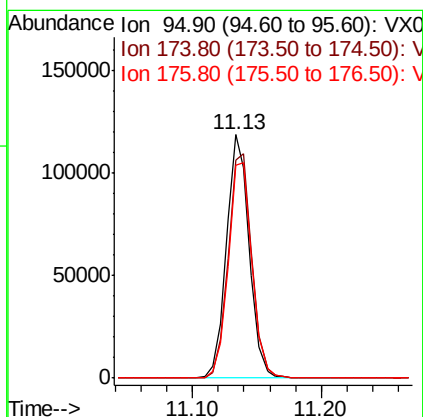
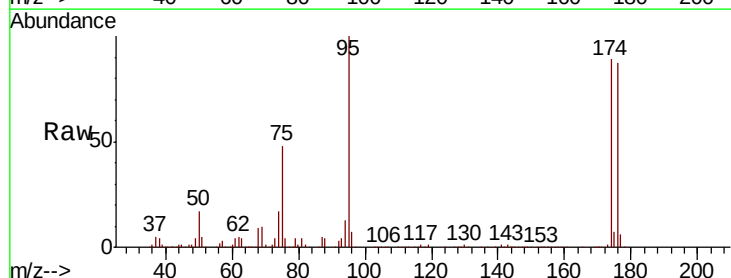
Instrument :
MSVOA_X
ClientSampleId :

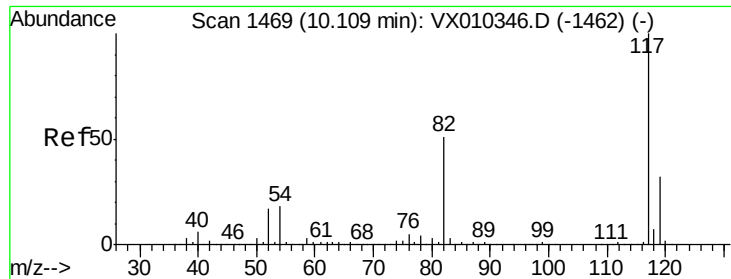
Tot Ion: 98 Resp: 439730
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.751 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

Tgt Ion: 95 Resp: 147747
Ion Ratio Lower Upper
95 100
174 95.7 0.0 187.6
176 92.4 0.0 184.0

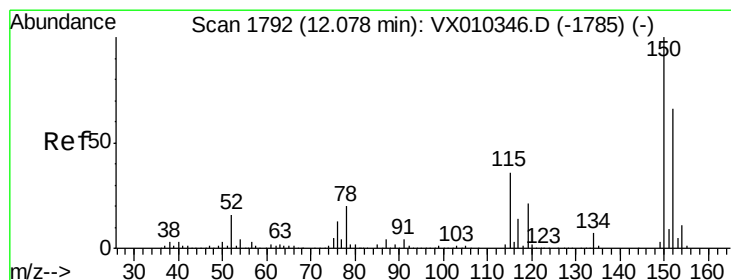
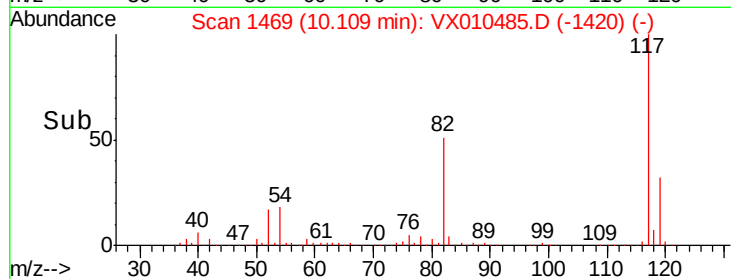
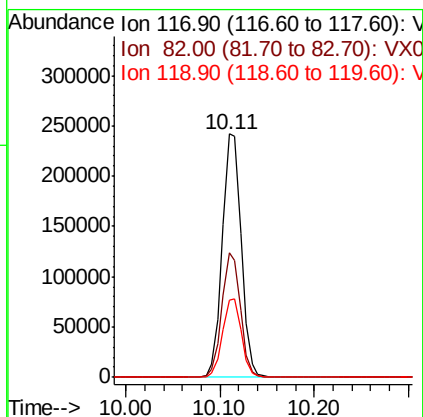
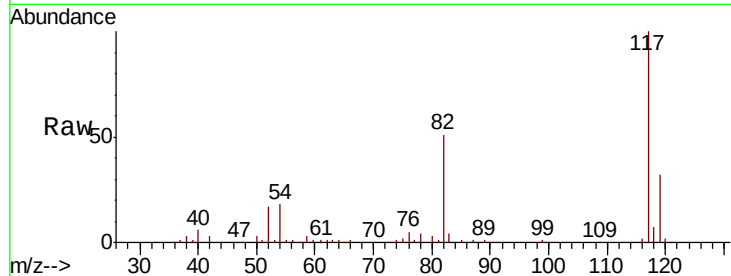




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

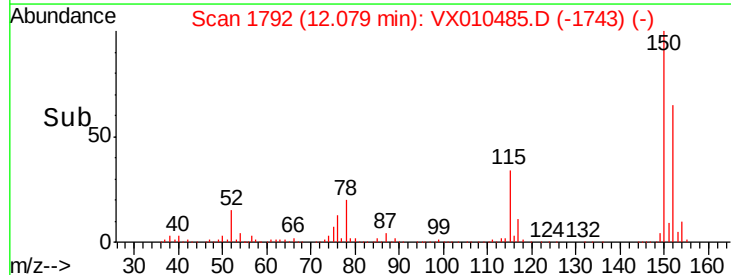
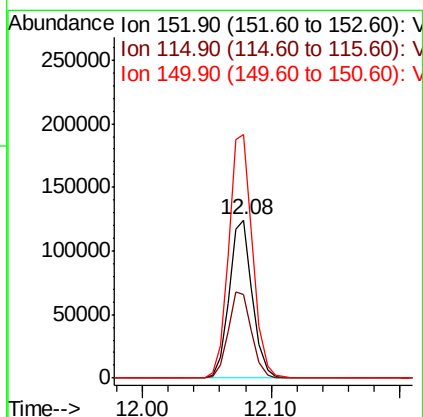
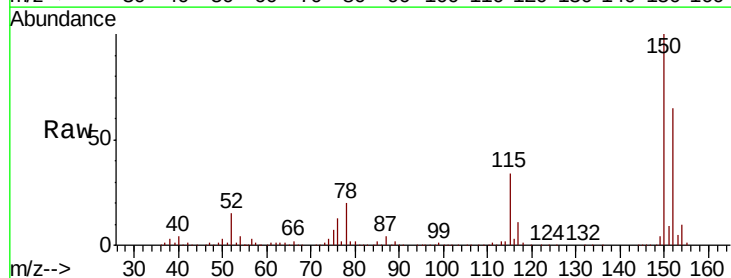
Instrument :
MSVOA_X
ClientSampleId :

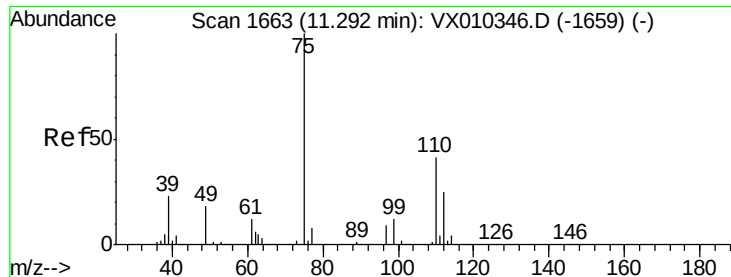
Tot Ion:117 Resp: 338957
Ion Ratio Lower Upper
117 100
82 51.0 41.2 61.8
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010485.D
Acq: 27 Jun 2019 13:46

Tgt Ion:152 Resp: 156294
Ion Ratio Lower Upper
152 100
115 54.9 38.6 115.7
150 158.2 0.0 347.4

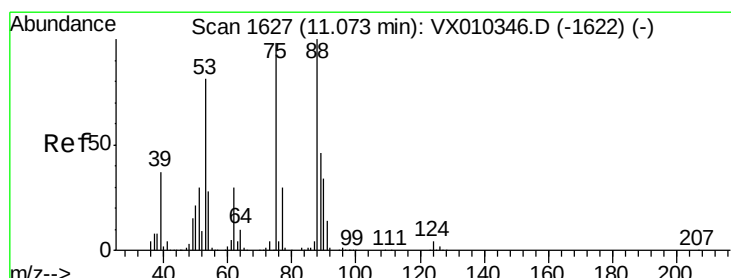
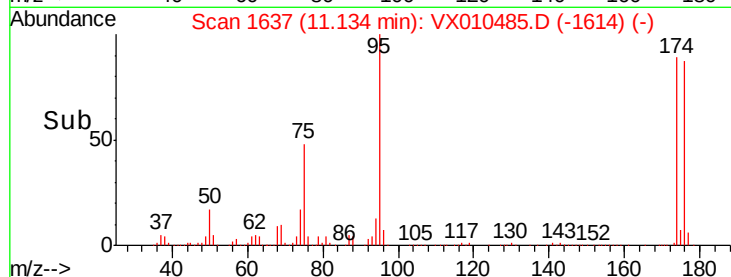
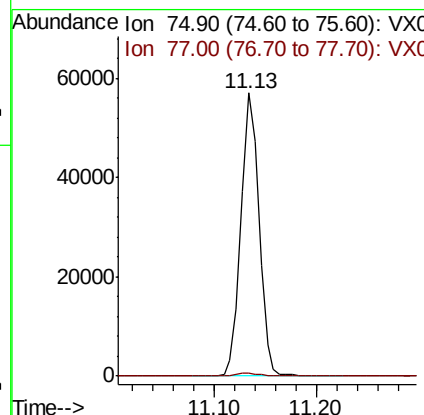
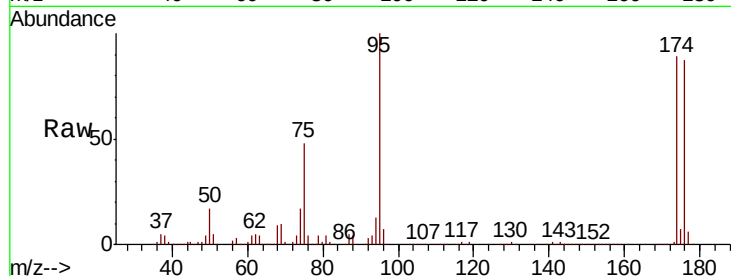




#76
 1,2,3-Trichloropropane
 Concen: 24.449 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX010485.D
 Acq: 27 Jun 2019 13:46

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 69632
 Ion Ratio Lower Upper
 75 100
 77 1.4 22.6 67.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 57.036 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX010485.D
 Acq: 27 Jun 2019 13:46

Tgt Ion: 75 Resp: 69632
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.1 99.1#
 89 0.0 37.8 56.6#

