

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052419\
 Data File : VX009877.D
 Acq On : 24 May 2019 11:30
 Operator : JC/SP
 Sample : VX0524MBL01
 Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

Quant Time: May 24 11:49:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	171269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274293	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	236737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98304	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	117204	50.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.26%	
35) Dibromofluoromethane	5.50	113	84516	49.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.02%	
50) Toluene-d8	8.71	98	344655	49.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.02%	
62) 4-Bromofluorobenzene	11.13	95	111397	44.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.08%	

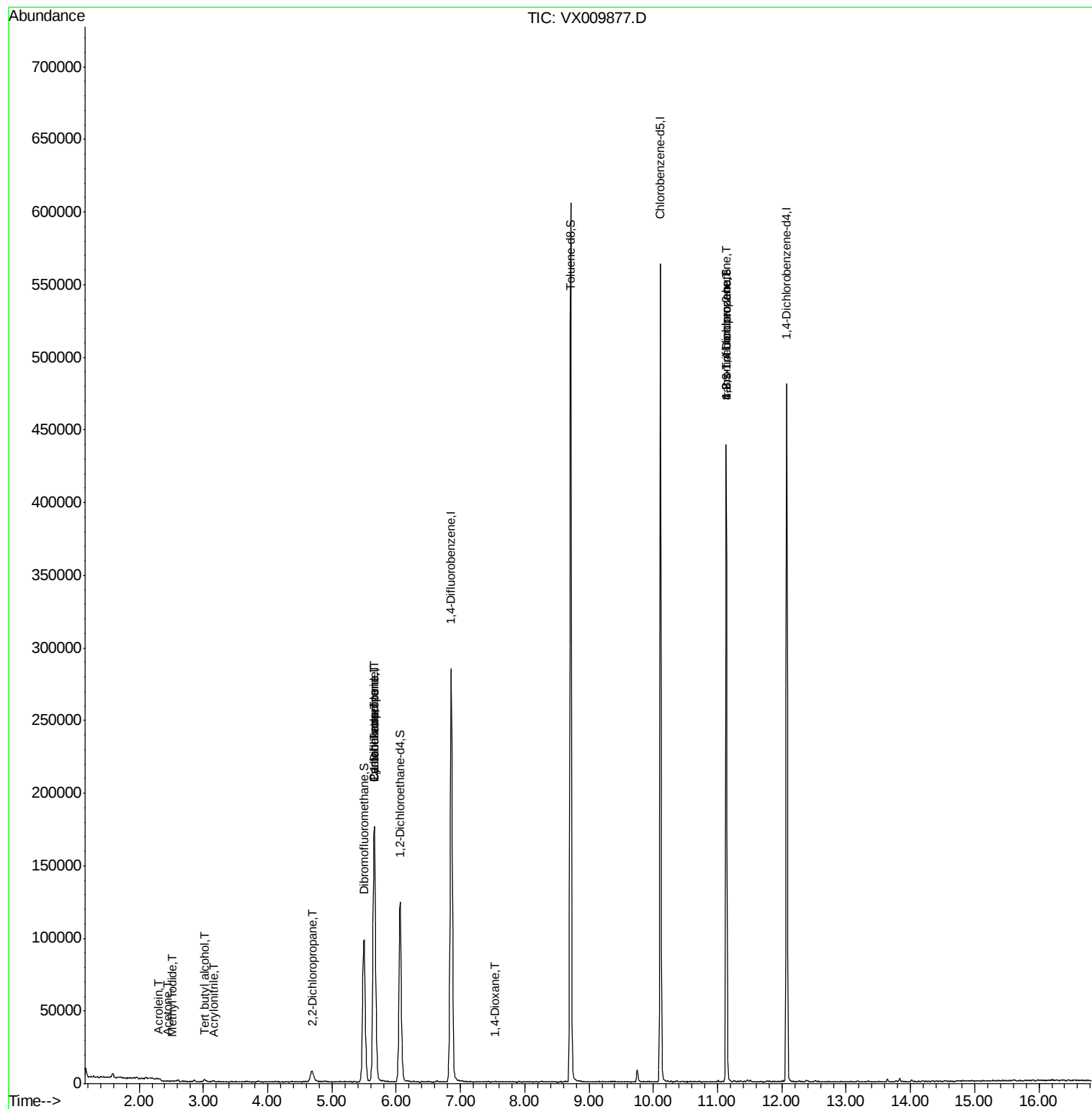
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.52	142	262	4.722	ug/l #	90
11) Tert butyl alcohol	3.01	59	980	1.811	ug/l #	73
13) Acrolein	2.29	56	293	0.598	ug/l #	62
15) Acrylonitrile	3.15	53	401	0.303	ug/l #	59
16) Acetone	2.44	43	678	0.540	ug/l #	74
26) 2,2-Dichloropropane	4.68	77	682	0.247	ug/l #	53
28) Bromochloromethane	5.01	49	47	Below Cal	#	20
31) Cyclohexane	5.66	56	4105	1.188	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14154	5.553	ug/l #	50
38) Carbon Tetrachloride	5.66	117	16212	7.000	ug/l #	17
49) 1,4-Dioxane	7.53	88	24	0.420	ug/l #	20
76) 1,2,3-Trichloropropane	11.13	75	57377	25.162	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	57377	64.381	ug/l #	10

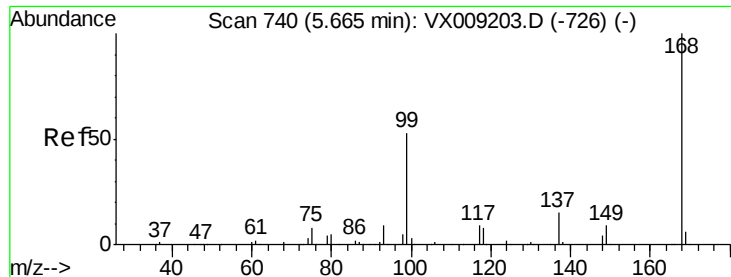
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX052419\
Data File : VX009877.D
Acq On : 24 May 2019 11:30
Operator : JC/SP
Sample : VX0524MBL01
Misc : 5.0g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

Quant Time: May 24 11:49:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260
QLast Update : Thu May 09 07:31:15 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: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

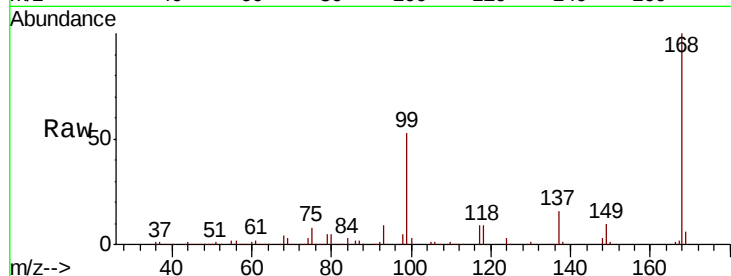
VX0524MBL01

Tgt Ion:168 Resp: 171269

Ion Ratio Lower Upper

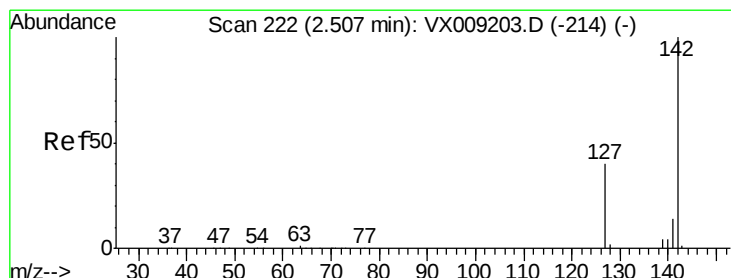
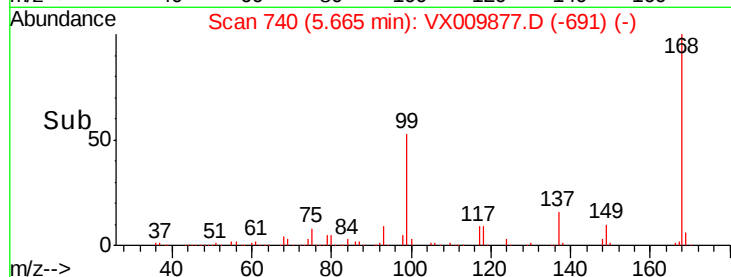
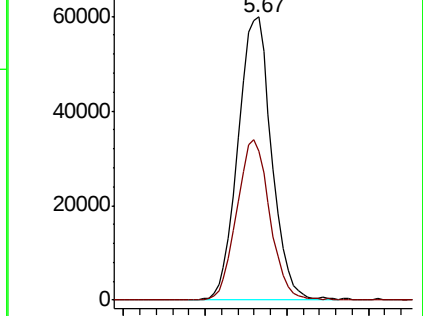
168 100

99 52.6 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 4.722 ug/l

RT: 2.52 min Scan# 224

Delta R.T. 0.01 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

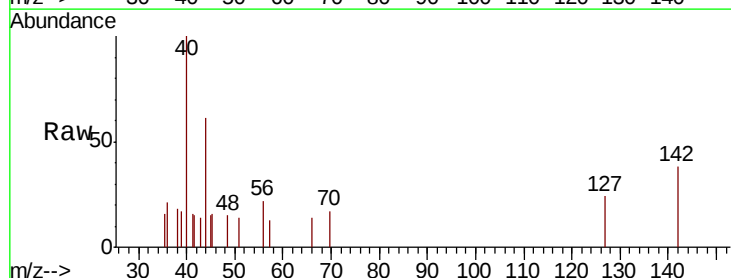
Tgt Ion:142 Resp: 262

Ion Ratio Lower Upper

142 100

127 40.5 32.7 49.1

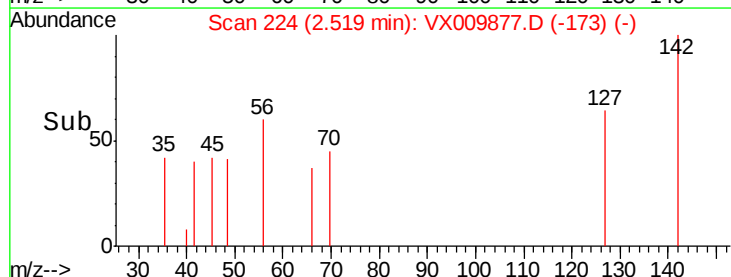
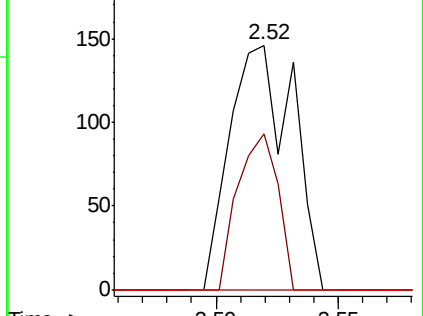
141 0.0 11.5 17.3#

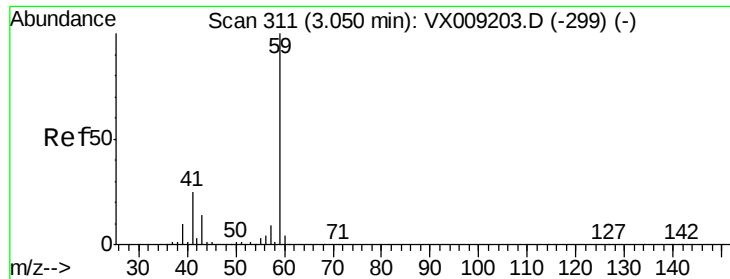


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

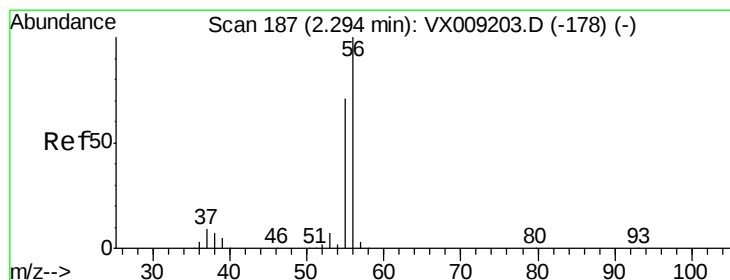
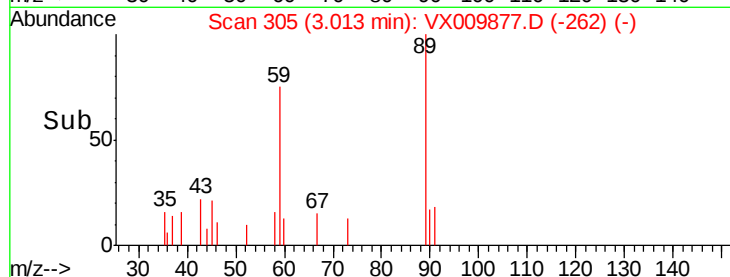
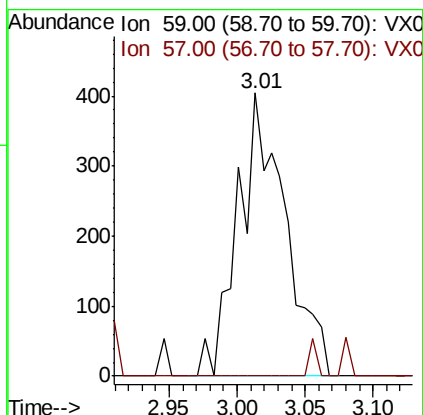
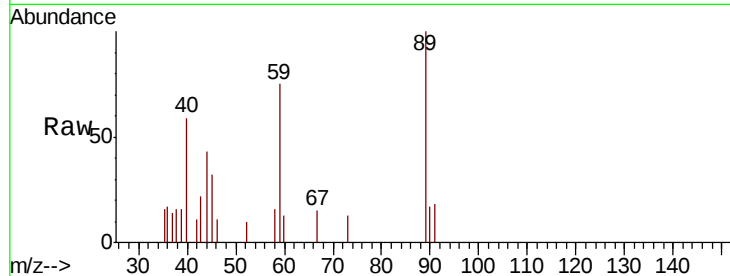




#11
Tert butyl alcohol
Concen: 1.811 ug/l
RT: 3.01 min Scan# 305
Delta R.T. -0.04 min
Lab File: VX009877.D
Acq: 24 May 2019 11:30

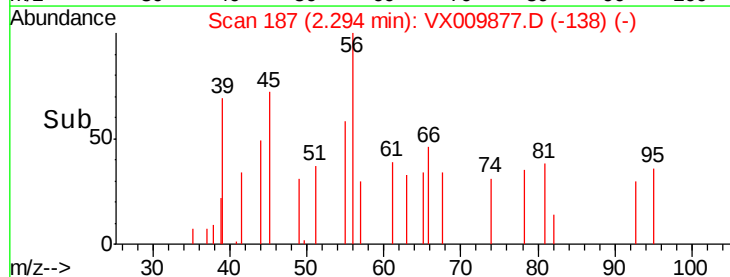
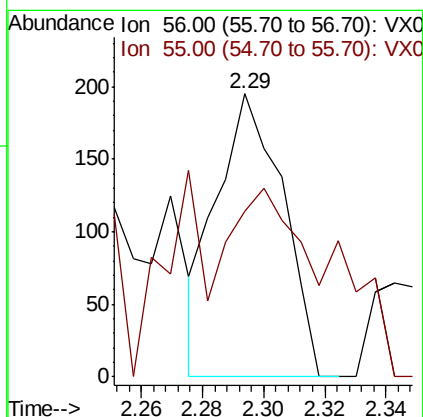
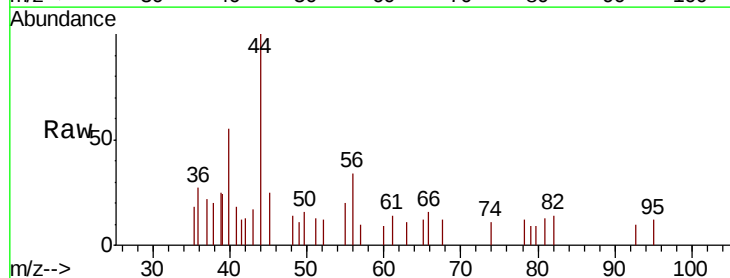
Instrument :
MSVOA_X
ClientSampleId :
VX0524MBL01

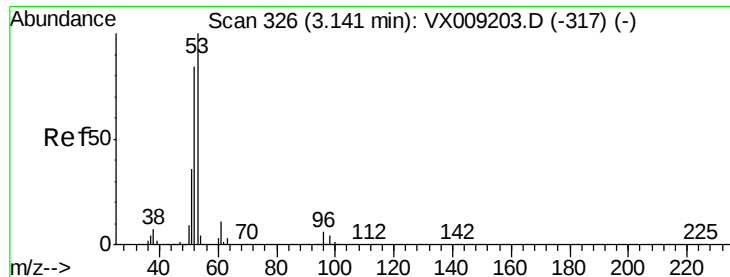
Tgt Ion: 59 Resp: 980
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 0.598 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.00 min
Lab File: VX009877.D
Acq: 24 May 2019 11:30

Tgt Ion: 56 Resp: 293
Ion Ratio Lower Upper
56 100
55 102.4 56.6 85.0#





#15

Acrylonitrile

Concen: 0.303 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampled :

VX0524MBL01

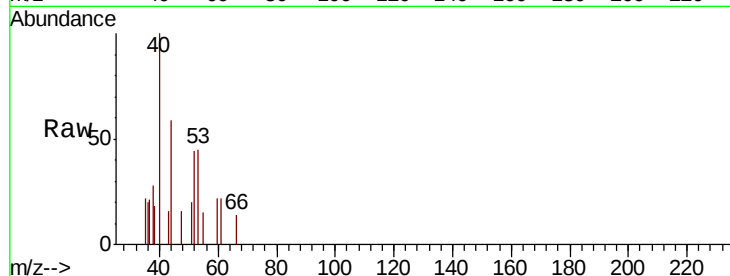
Tgt Ion: 53 Resp: 401

Ion Ratio Lower Upper

53 100

52 34.4 66.9 100.3#

51 30.4 28.2 42.2



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

3.15

150

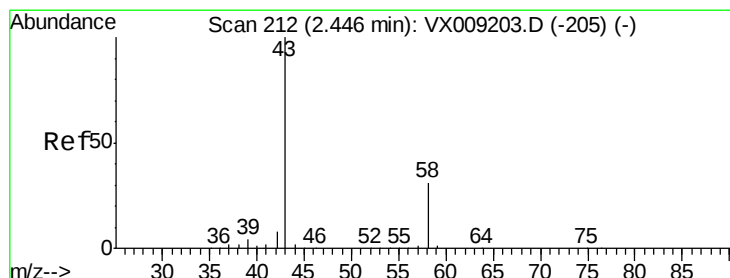
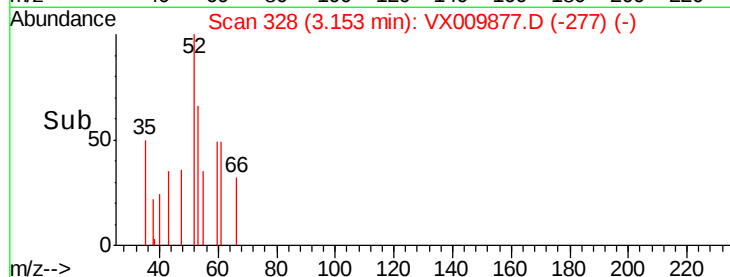
100

50

0

3.10 3.15 3.20

Time-->



#16

Acetone

Concen: 0.540 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009877.D

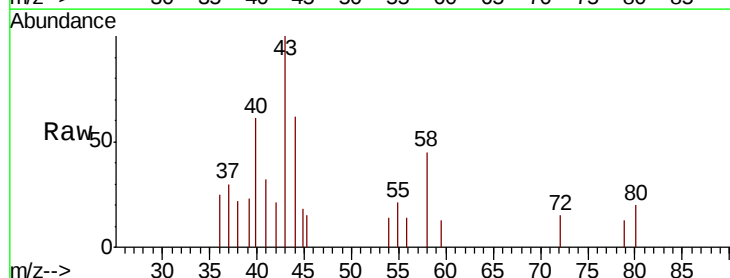
Acq: 24 May 2019 11:30

Tgt Ion: 43 Resp: 678

Ion Ratio Lower Upper

43 100

58 45.5 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

400

300

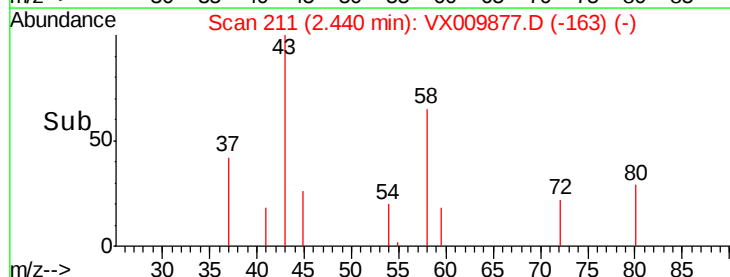
200

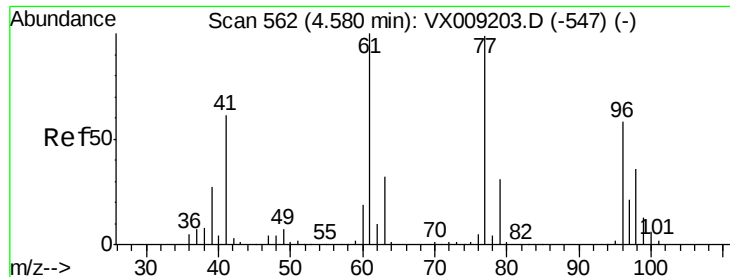
100

0

2.40 2.45

Time-->

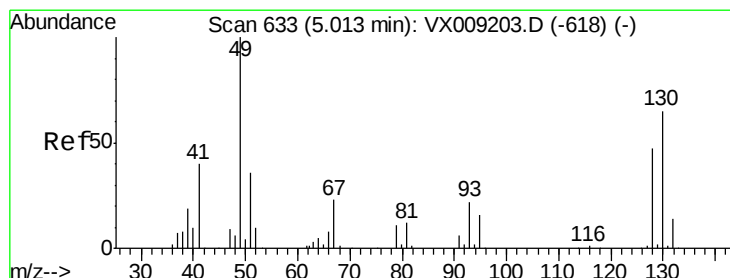
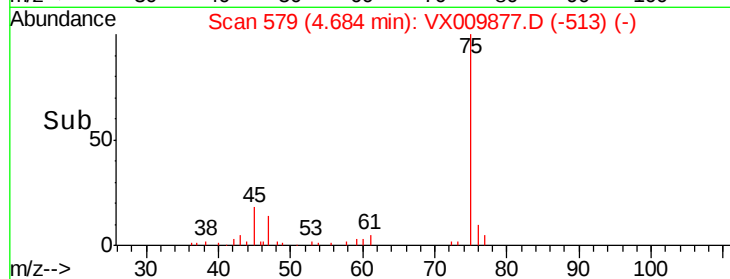
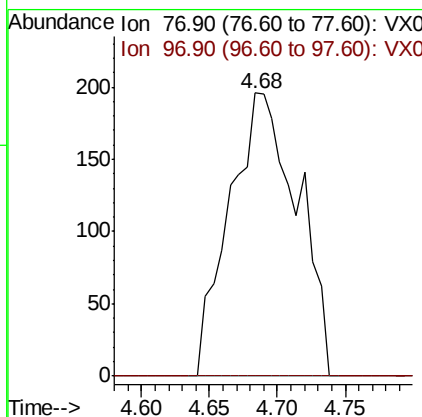
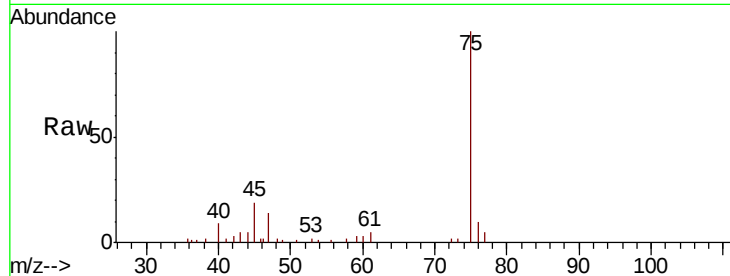




#26
 2,2-Dichloropropane
 Concen: 0.247 ug/l
 RT: 4.68 min Scan# 579
 Delta R.T. 0.10 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

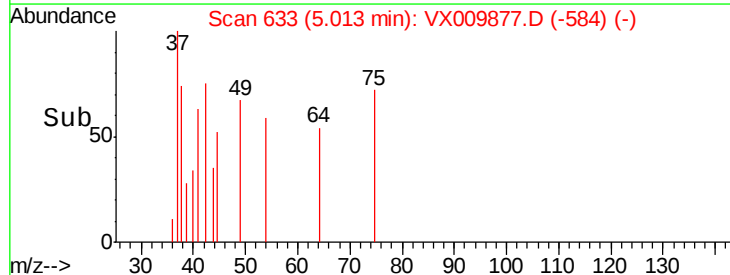
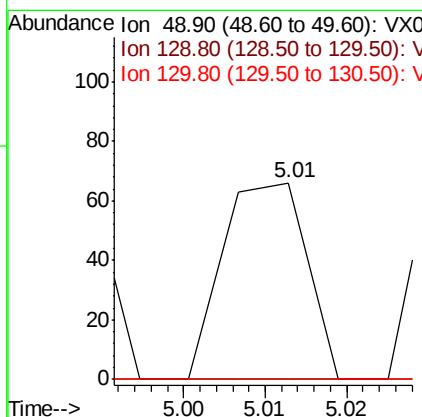
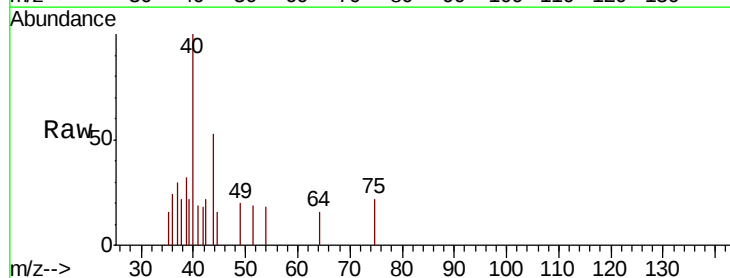
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

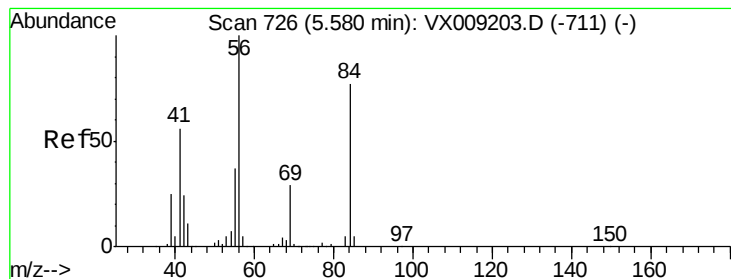
Tgt Ion: 77 Resp: 682
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.5 34.4#



#28
 Bromochloromethane
 Concen: Below Cal
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

Tgt Ion: 49 Resp: 47
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 51.2 76.8#





#31

Cyclohexane

Concen: 1.188 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.08 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBL01

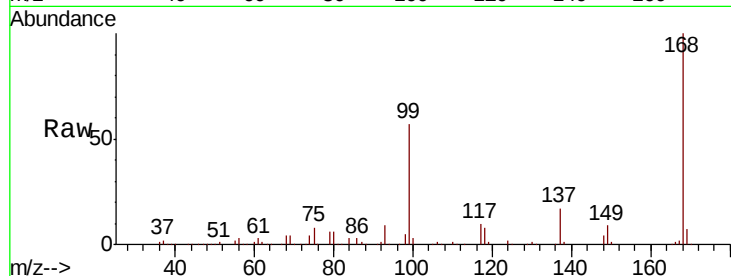
Tgt Ion: 56 Resp: 4105

Ion Ratio Lower Upper

56 100

69 147.6 23.4 35.0#

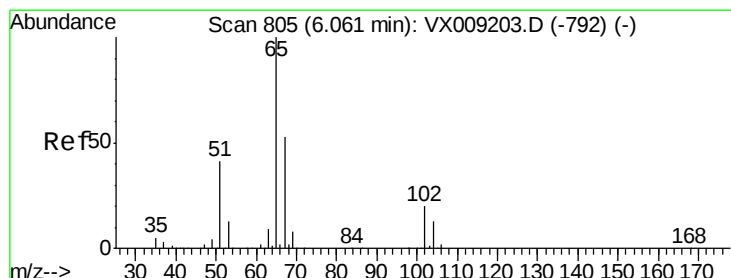
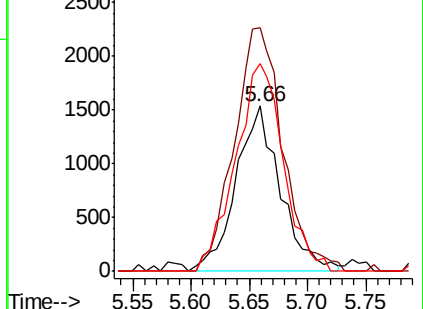
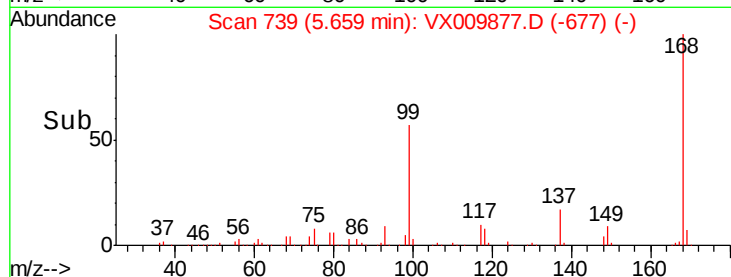
84 125.9 61.9 92.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.129 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX009877.D

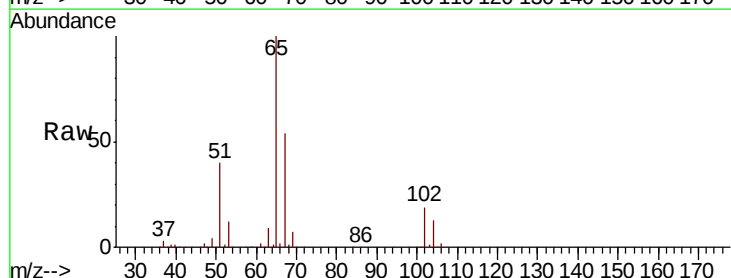
Acq: 24 May 2019 11:30

Tgt Ion: 65 Resp: 117204

Ion Ratio Lower Upper

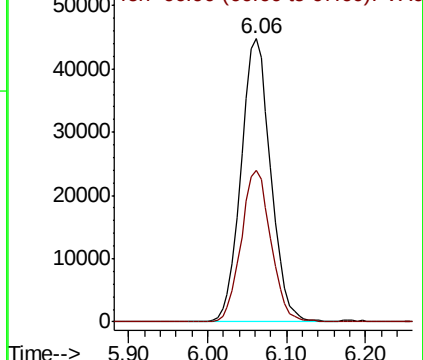
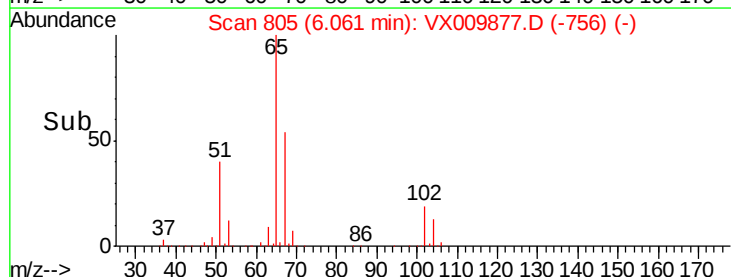
65 100

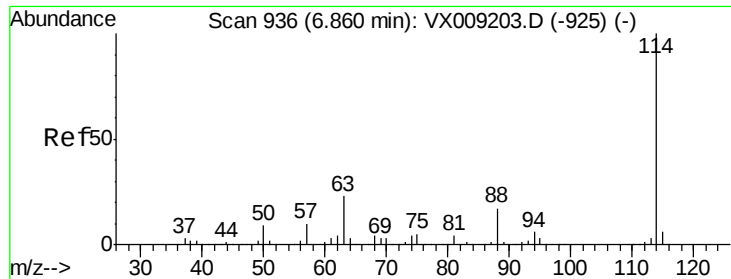
67 53.5 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

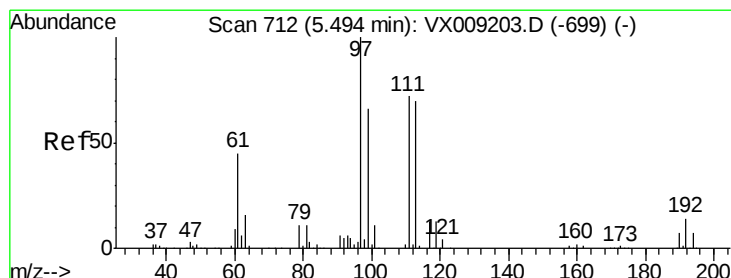
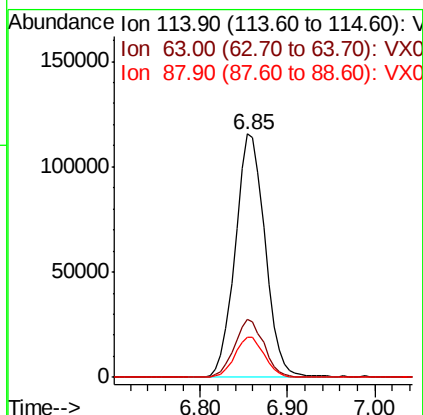
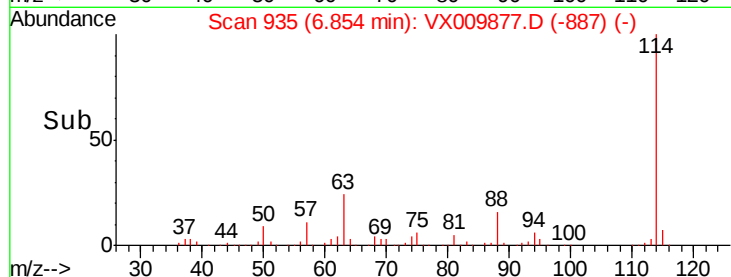
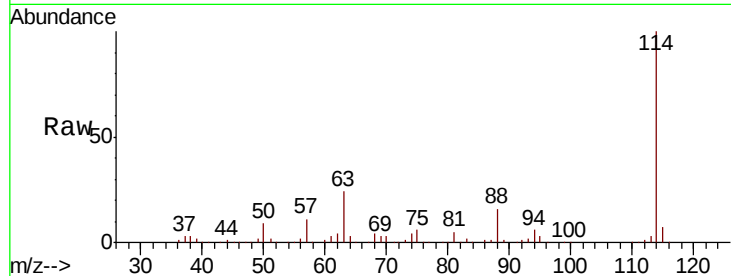




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

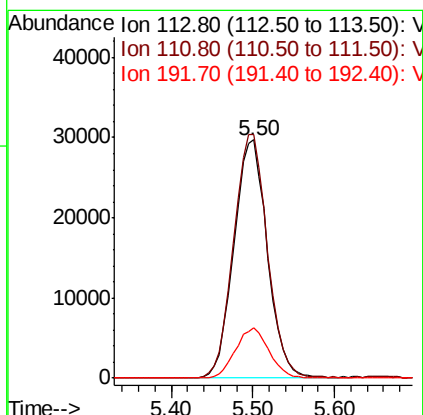
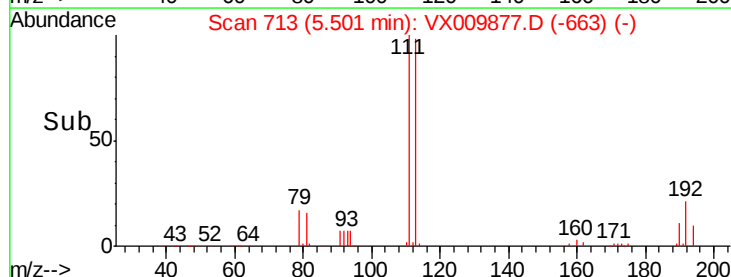
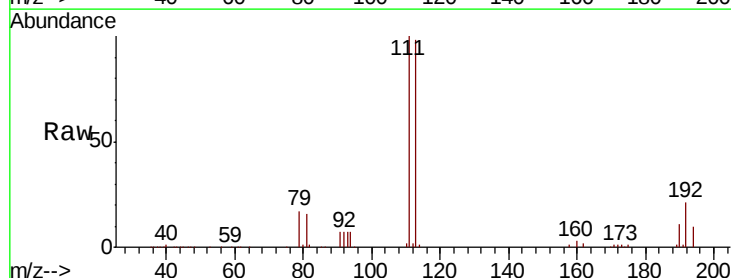
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

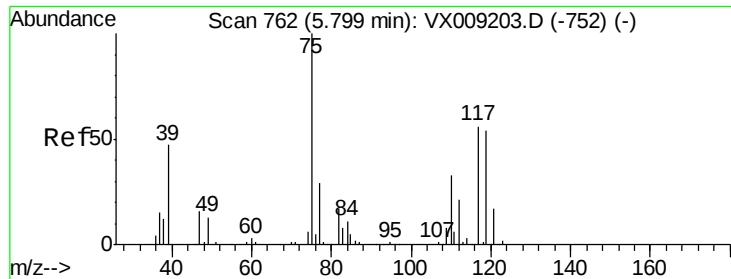
Tgt Ion:114 Resp: 274293
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 45.6
 88 16.3 0.0 33.2



#35
 Dibromofluoromethane
 Concen: 49.014 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

Tgt Ion:113 Resp: 84516
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 21.3 17.0 25.6

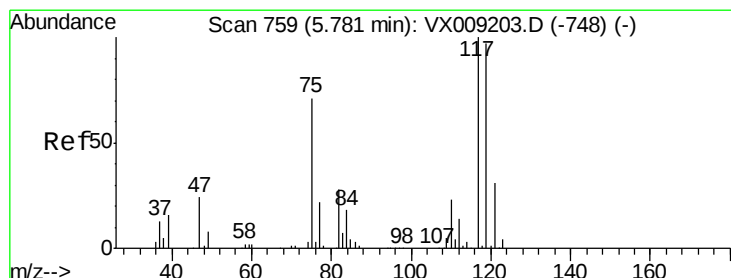
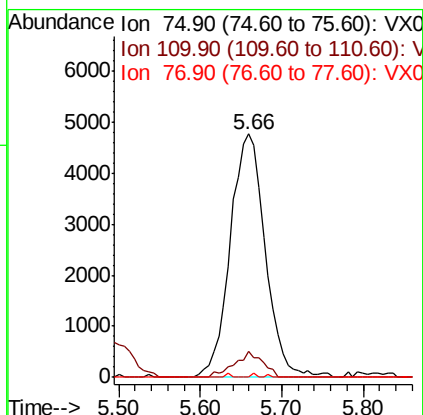
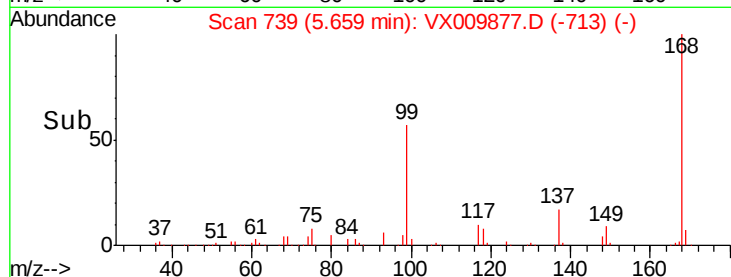
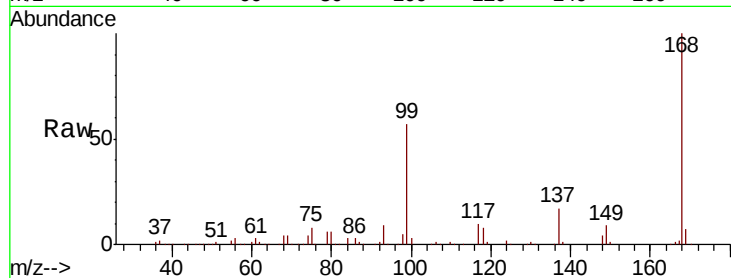




#36
 1,1-Dichloropropene
 Concen: 5.553 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

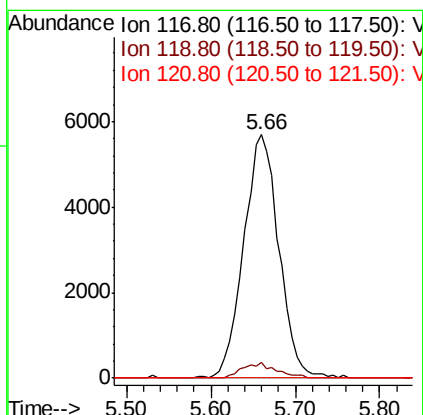
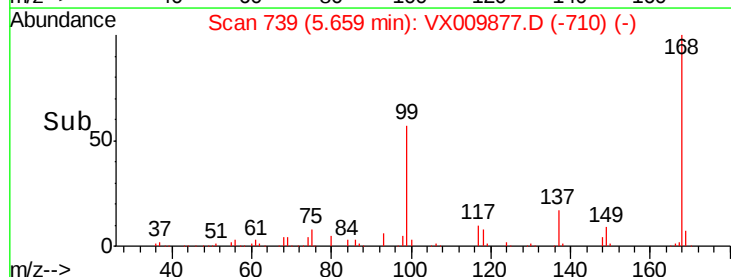
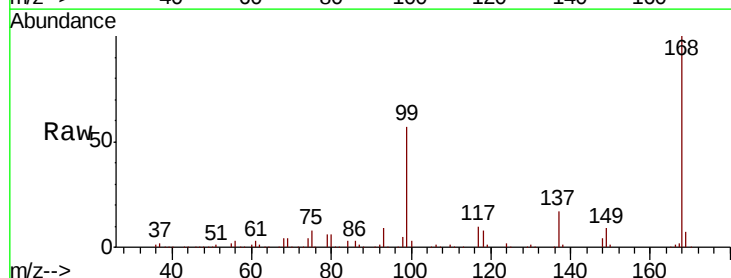
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

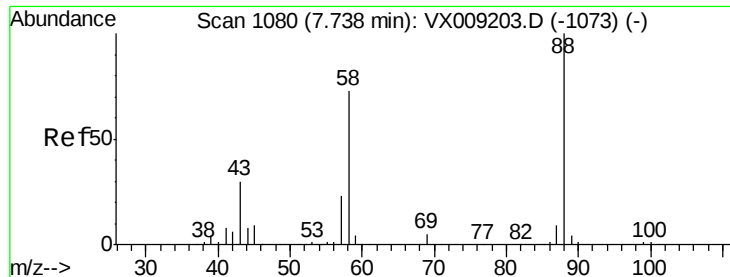
Tgt Ion: 75 Resp: 14154
 Ion Ratio Lower Upper
 75 100
 110 8.5 16.9 50.6#
 77 0.2 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 7.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

Tgt Ion: 117 Resp: 16212
 Ion Ratio Lower Upper
 117 100
 119 6.5 77.5 116.3#
 121 0.0 24.7 37.1#

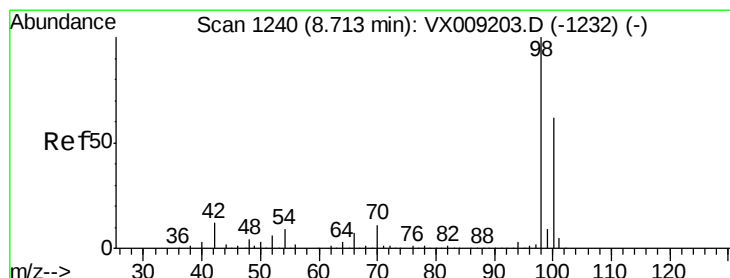
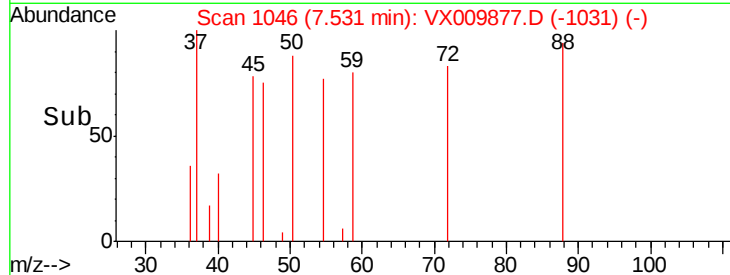
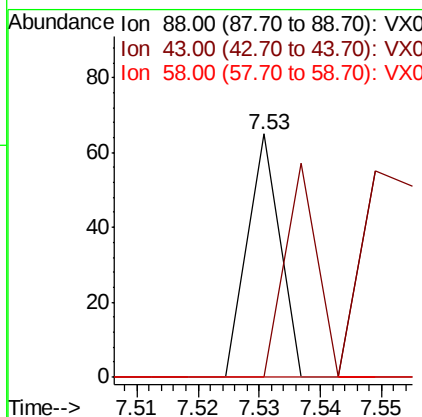
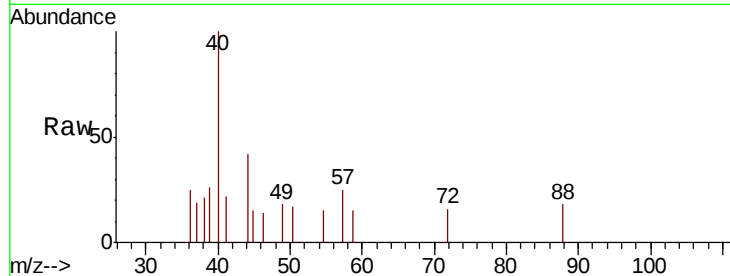




#49
 1,4-Dioxane
 Concen: 0.420 ug/l
 RT: 7.53 min Scan# 1046
 Delta R.T. -0.21 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

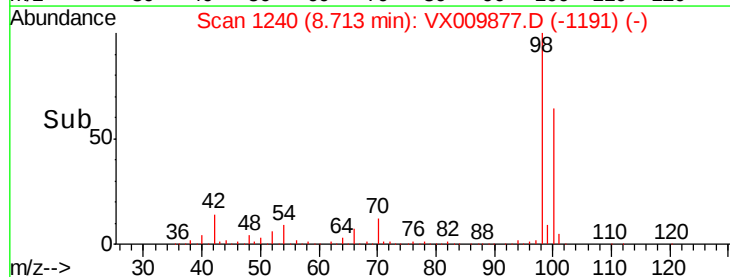
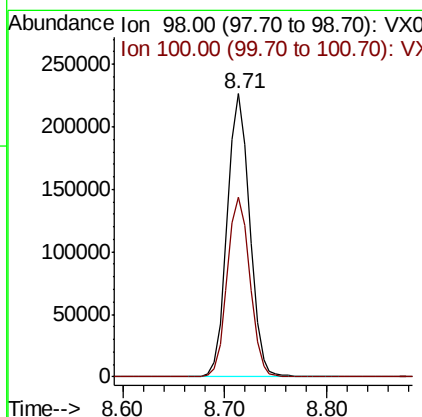
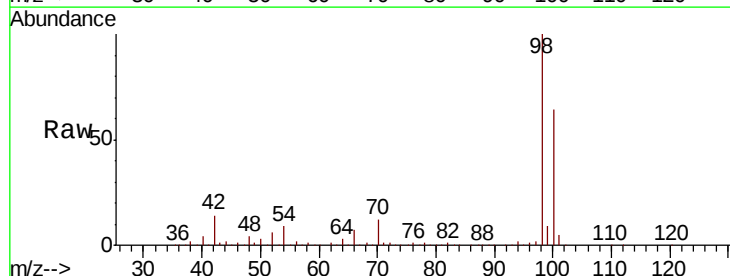
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0524MBL01

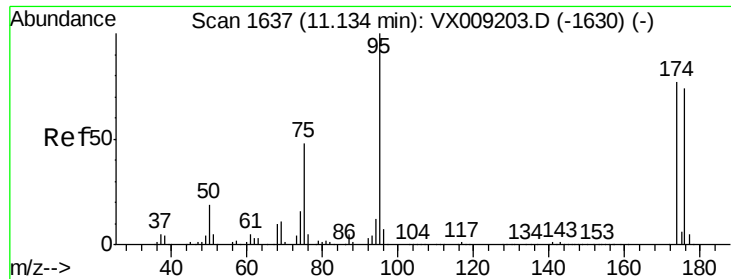
Tgt Ion:	88	Resp:	24
Ion	Ratio	Lower	Upper
88	100		
43	0.0	28.6	42.8#
58	0.0	61.7	92.5#



#50
 Toluene-d8
 Concen: 49.509 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009877.D
 Acq: 24 May 2019 11:30

Tgt Ion:	98	Resp:	344655
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.2	76.8





#62

4-Bromofluorobenzene

Concen: 44.038 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBL01

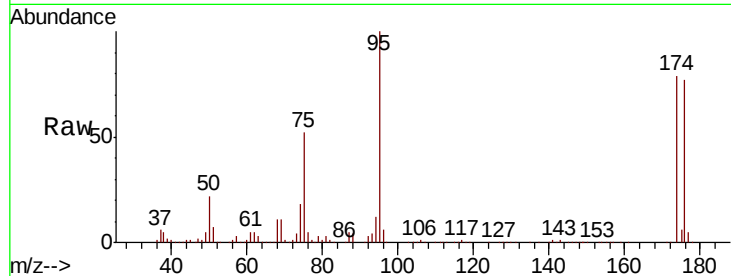
Tgt Ion: 95 Resp: 111397

Ion Ratio Lower Upper

95 100

174 80.7 0.0 161.6

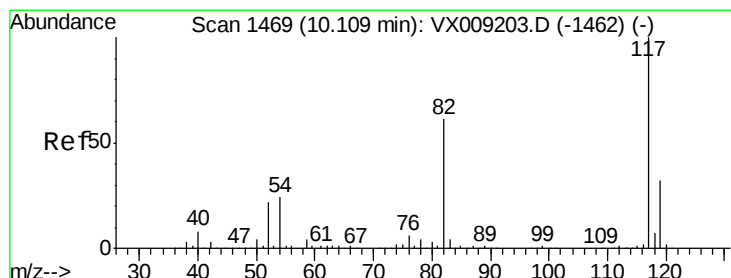
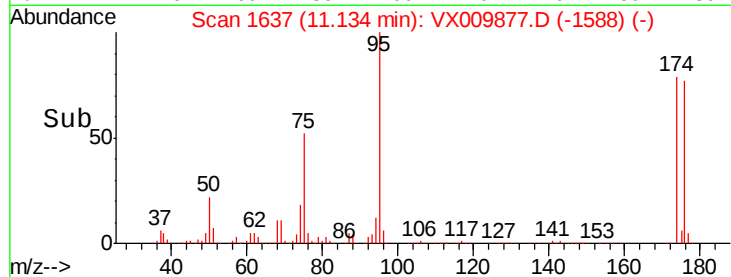
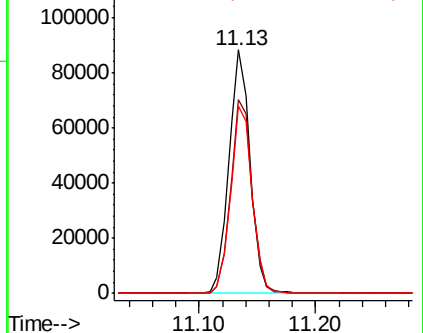
176 78.1 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX009877.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009877.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009877.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

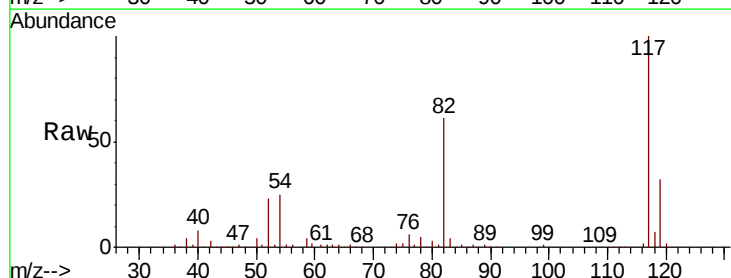
Tgt Ion: 117 Resp: 236737

Ion Ratio Lower Upper

117 100

82 60.6 48.8 73.2

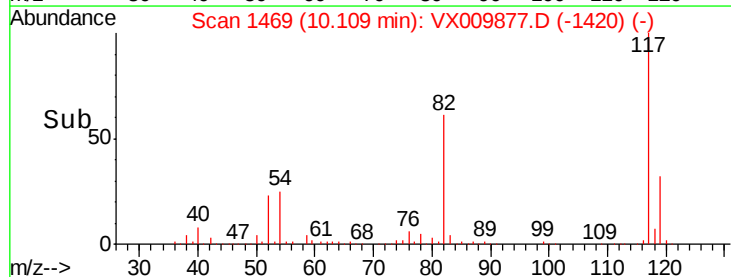
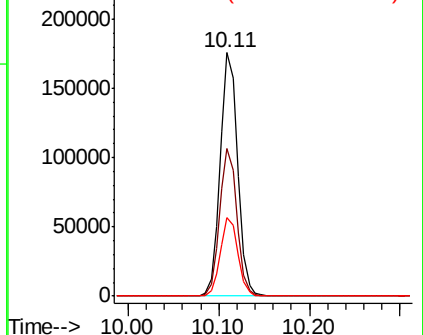
119 32.3 25.8 38.6

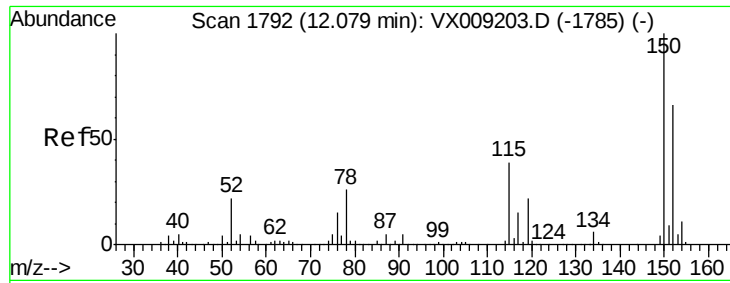


Abundance Ion 116.90 (116.60 to 117.60): VX009877.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009877.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009877.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBL01

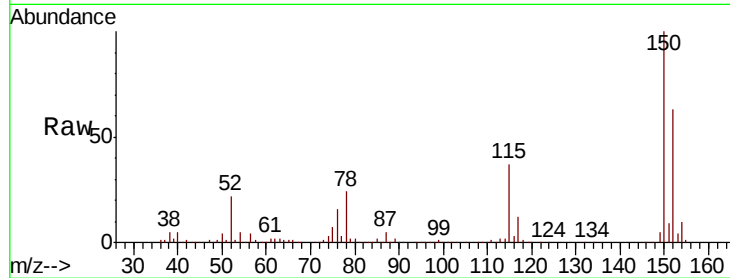
Tgt Ion:152 Resp: 98304

Ion Ratio Lower Upper

152 100

115 59.2 41.2 123.6

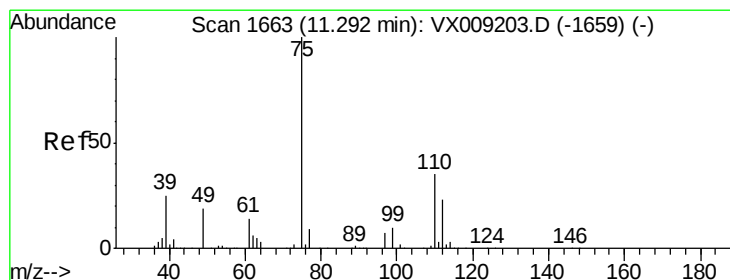
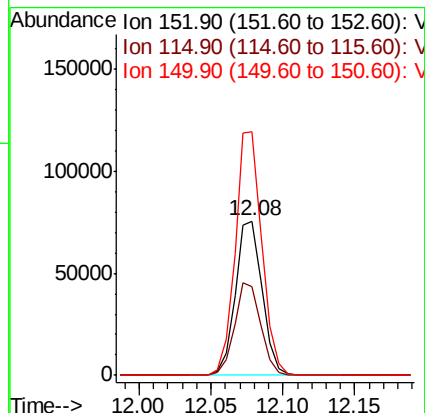
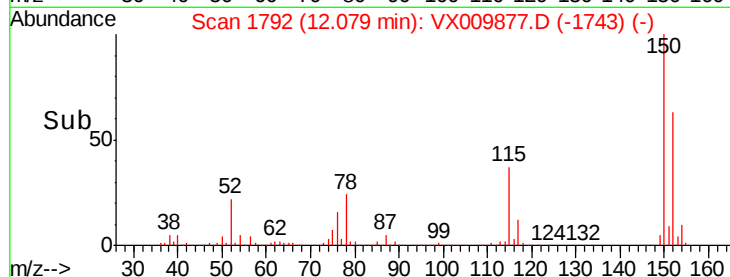
150 156.8 0.0 346.4



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: 25.162 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009877.D

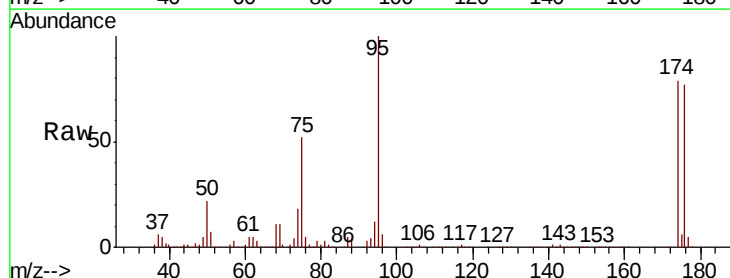
Acq: 24 May 2019 11:30

Tgt Ion: 75 Resp: 57377

Ion Ratio Lower Upper

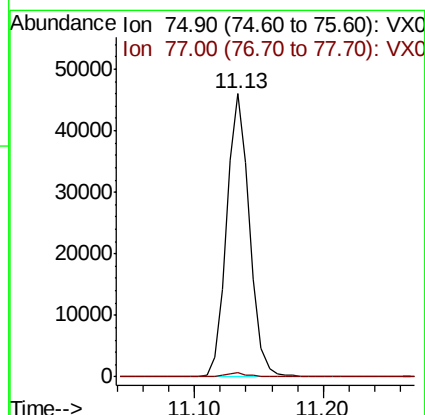
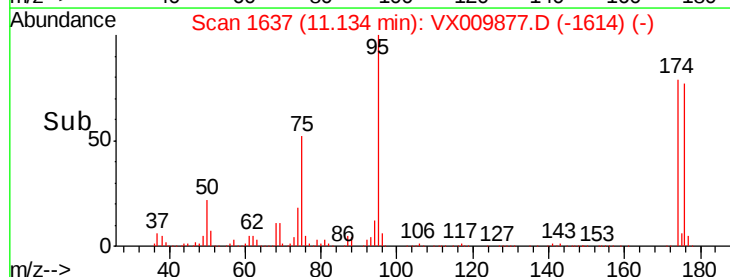
75 100

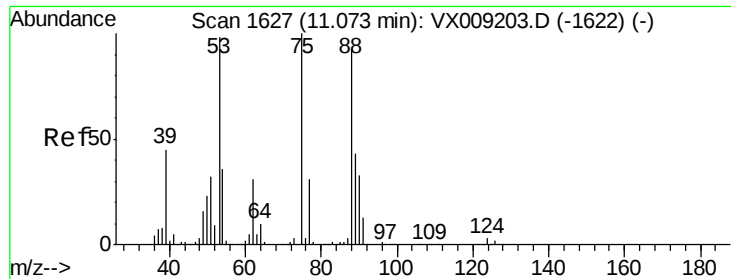
77 1.3 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 64.381 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009877.D

Acq: 24 May 2019 11:30

Instrument :

MSVOA_X

ClientSampleId :

VX0524MBL01

Tgt Ion: 75 Resp: 57377

Ion Ratio Lower Upper

75 100

53 0.1 79.0 118.6#

89 0.0 34.7 52.1#

