

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016220.D
 Acq On : 14 May 2020 11:01
 Operator : JC/SP
 Sample : VX0514WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

Quant Time: May 15 01:30:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	262688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	432500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420181	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201984	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	158979	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
35) Dibromofluoromethane	5.46	113	129027	47.09	ug/l	0.00
Spiked Amount			Recovery	=	94.18%	
50) Toluene-d8	8.70	98	533825	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	206501	51.42	ug/l	0.00
Spiked Amount			Recovery	=	102.84%	

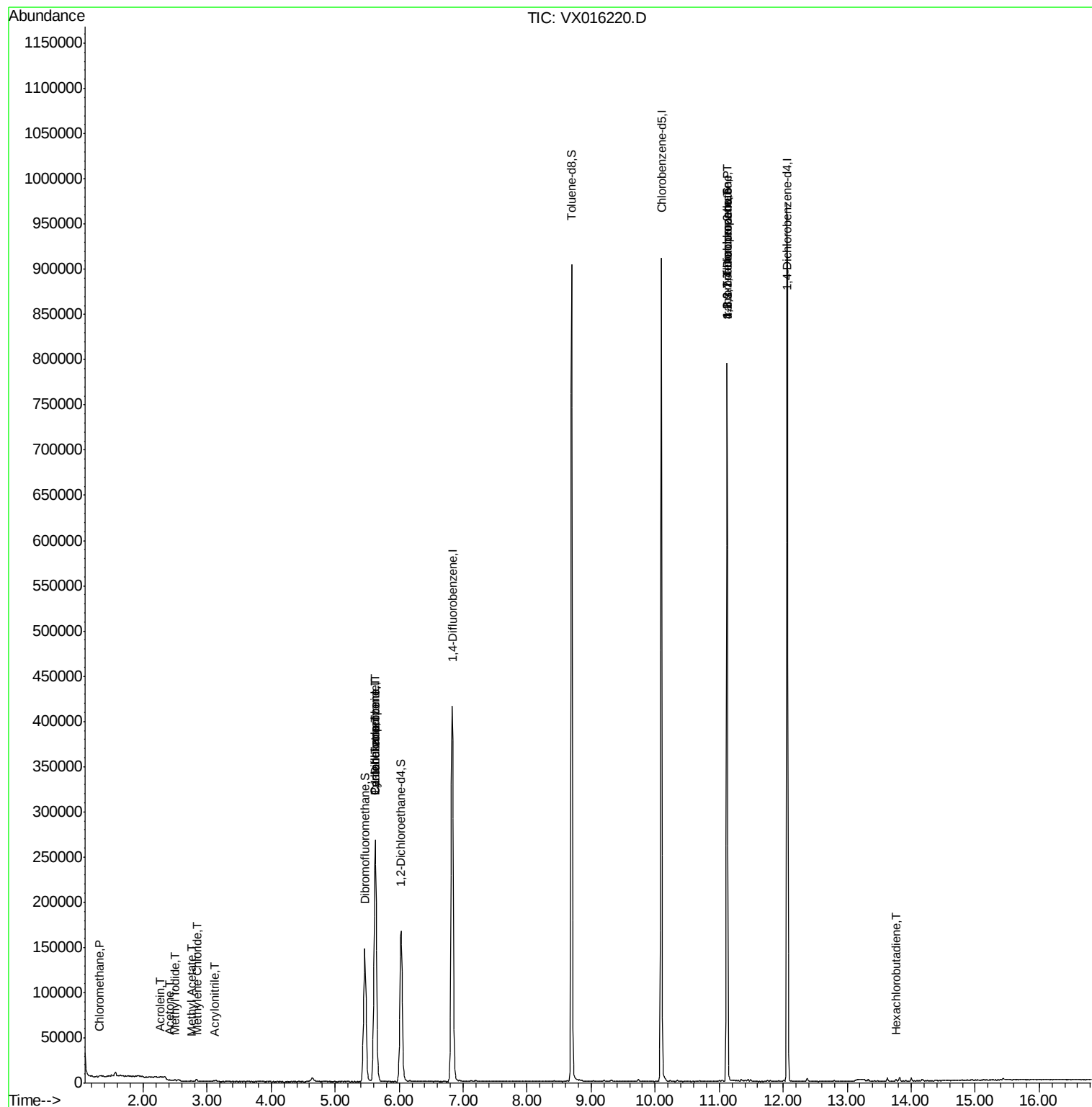
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	649	0.20	ug/l #	77
10) Methyl Iodide	2.50	142	879	0.25	ug/l #	91
13) Acrolein	2.27	56	726	1.33	ug/l #	51
15) Acrylonitrile	3.12	53	556	0.31	ug/l	95
16) Acetone	2.41	43	439	0.28	ug/l #	87
18) Methyl Acetate	2.76	43	792	0.21	ug/l #	78
20) Methylene Chloride	2.84	84	786	0.25	ug/l	91
31) Cyclohexane	5.63	56	4822	1.00	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	19931	4.68	ug/l #	50
38) Carbon Tetrachloride	5.63	117	25808	5.96	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.12	83	98	2.08	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	100838	22.00	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	100838	52.43	ug/l #	13
94) Hexachlorobutadiene	13.77	225	393	0.71	ug/l	85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
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ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: May 15 01:30:36 2020
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

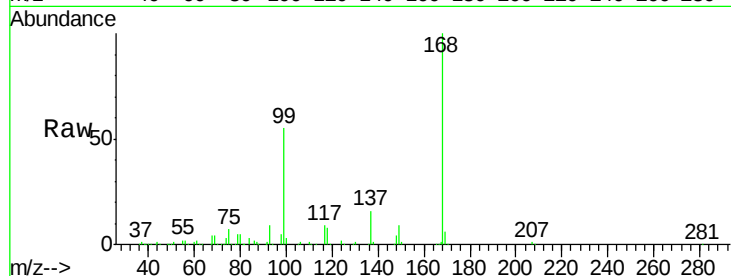
VX0514WBL01

Tgt Ion:168 Resp: 262688

Ion Ratio Lower Upper

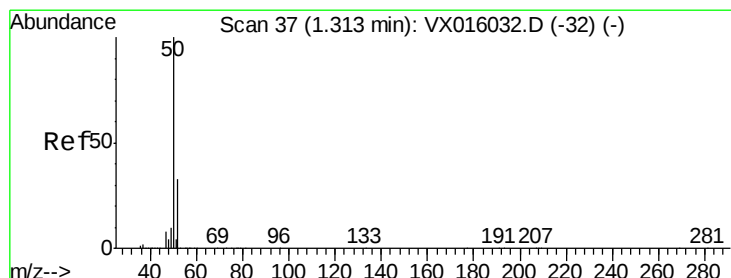
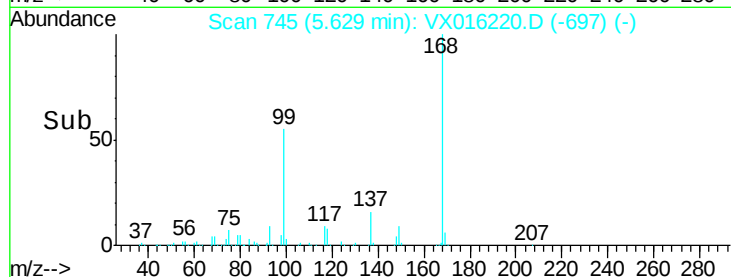
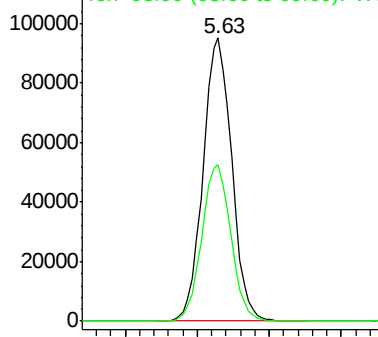
168 100

99 55.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.20 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016220.D

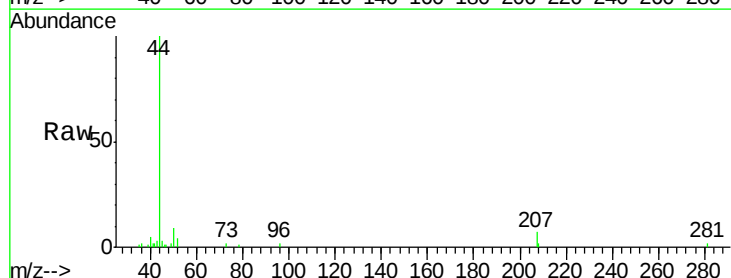
Acq: 14 May 2020 11:01

Tgt Ion: 50 Resp: 649

Ion Ratio Lower Upper

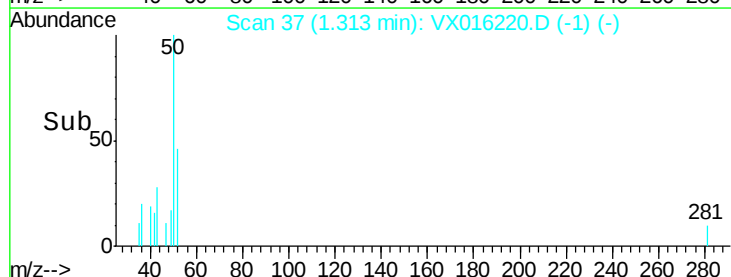
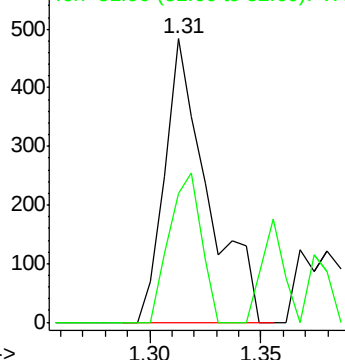
50 100

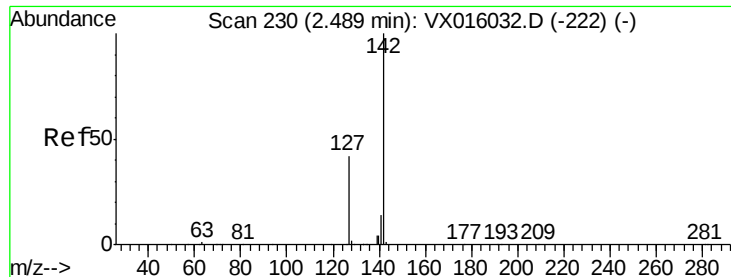
52 45.5 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

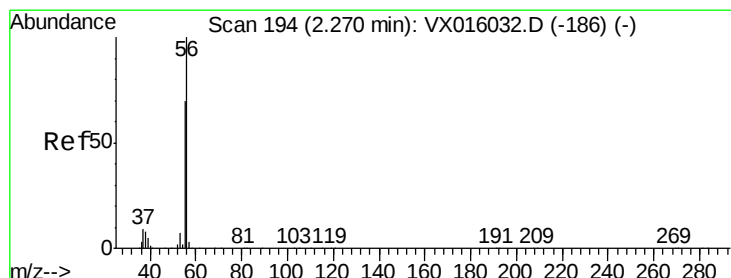
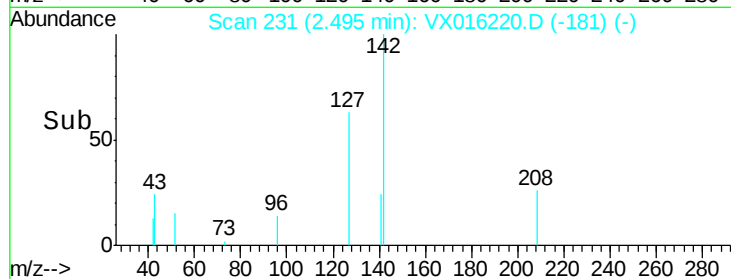
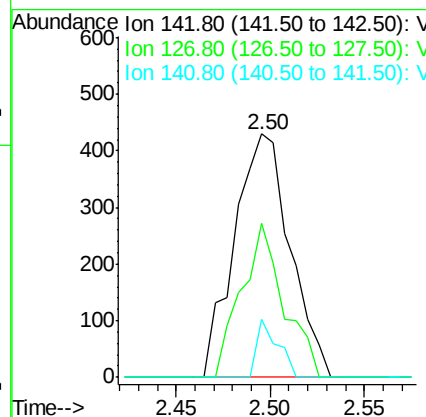
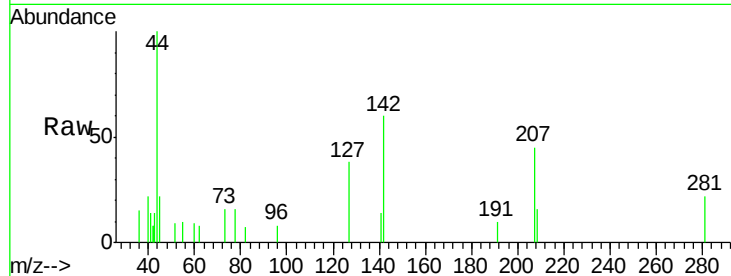




#10
Methyl Iodide
Concen: 0.25 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

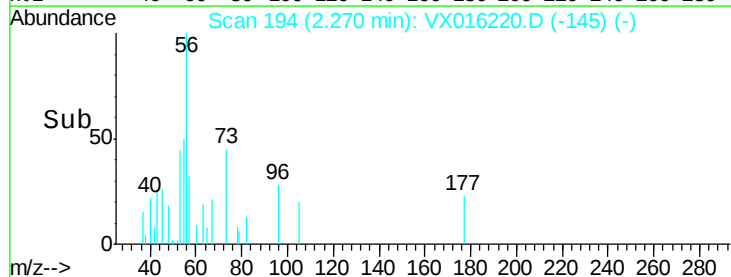
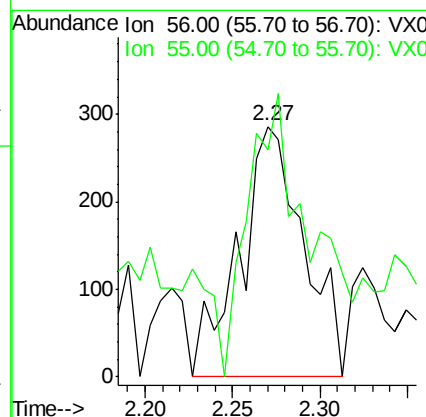
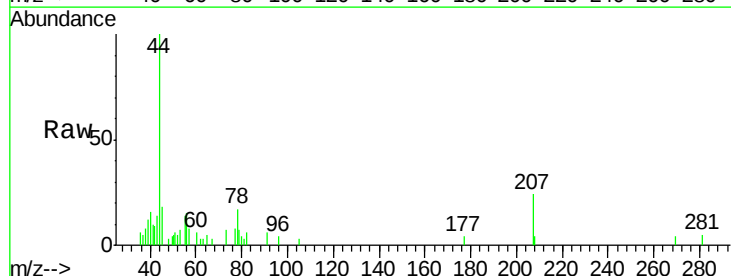
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

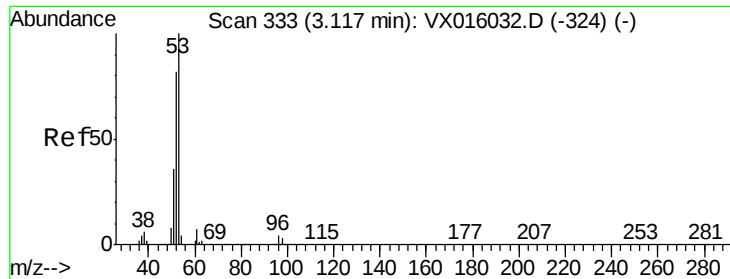
Tgt Ion: 142 Resp: 879
Ion Ratio Lower Upper
142 100
127 48.2 34.6 52.0
141 9.0 11.3 16.9#



#13
Acrolein
Concen: 1.33 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

Tgt Ion: 56 Resp: 726
Ion Ratio Lower Upper
56 100
55 111.3 56.5 84.7#





#15

Acrylonitrile

Concen: 0.31 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

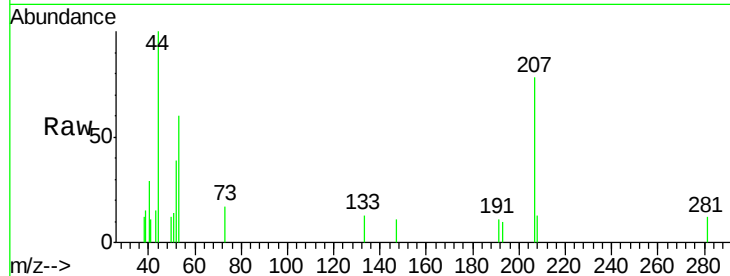
Tgt Ion: 53 Resp: 556

Ion Ratio Lower Upper

53 100

52 85.8 66.1 99.1

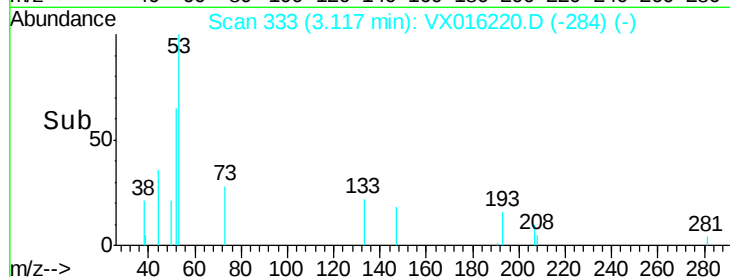
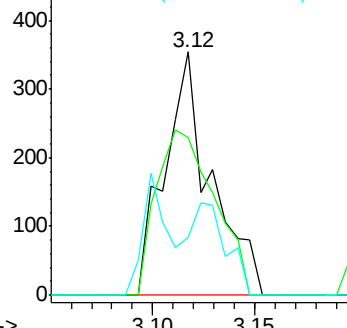
51 31.3 28.8 43.2



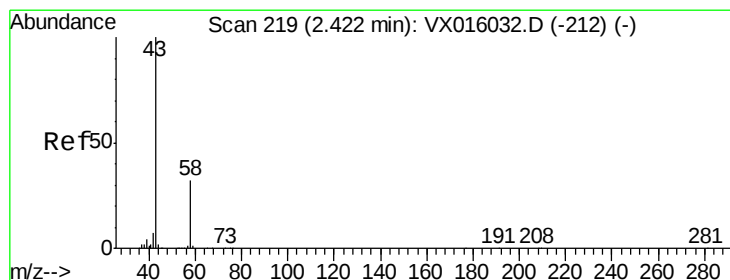
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.28 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX016220.D

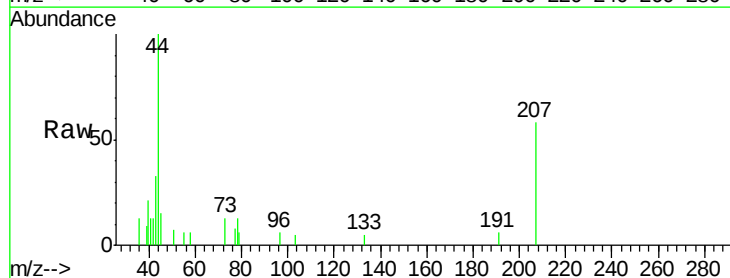
Acq: 14 May 2020 11:01

Tgt Ion: 43 Resp: 439

Ion Ratio Lower Upper

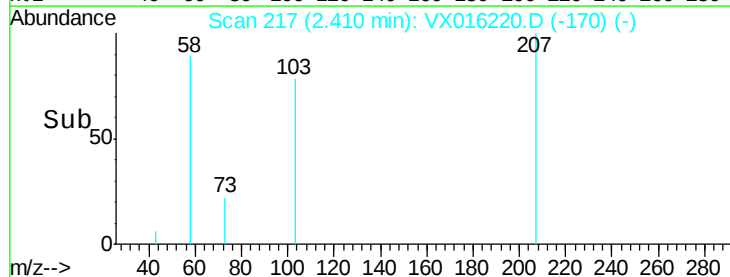
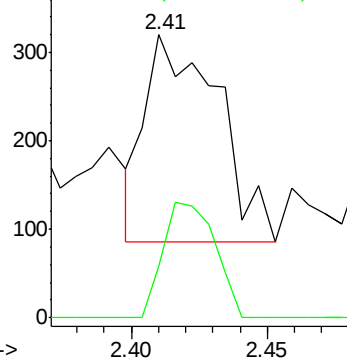
43 100

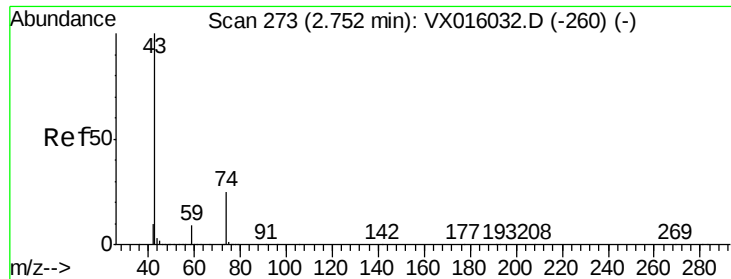
58 24.7 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

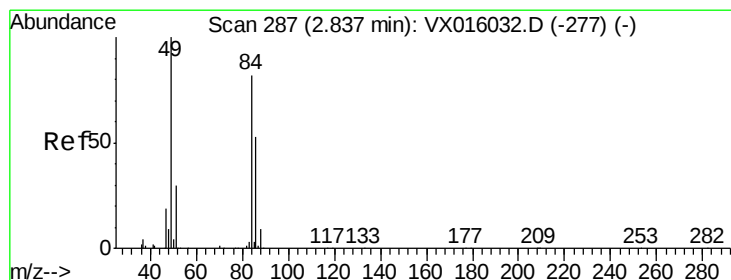
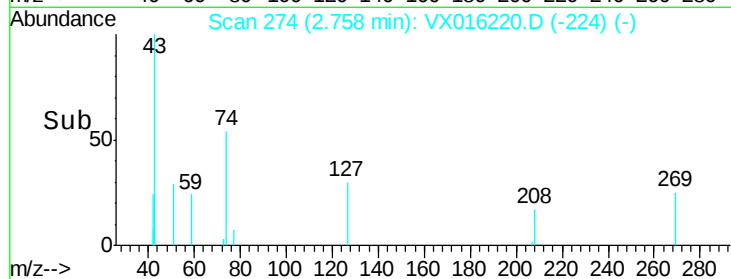
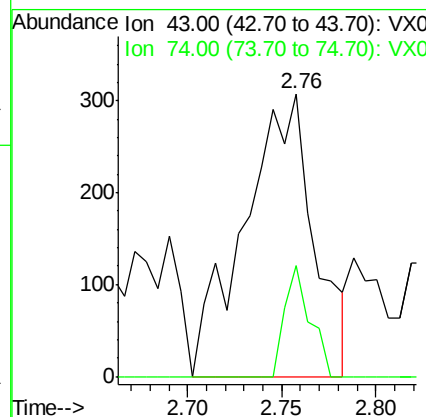
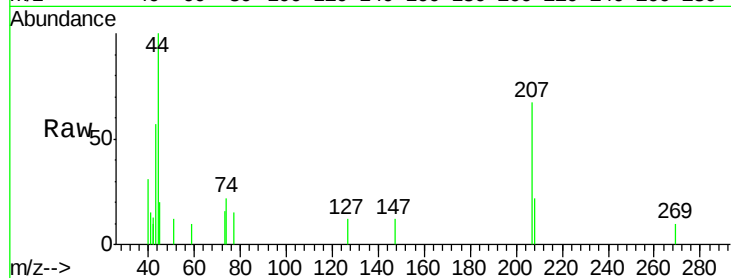




#18
Methyl Acetate
Concen: 0.21 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

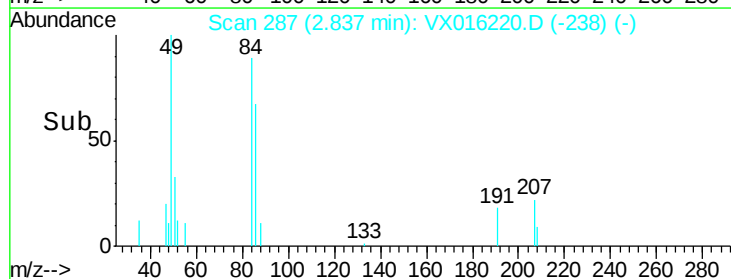
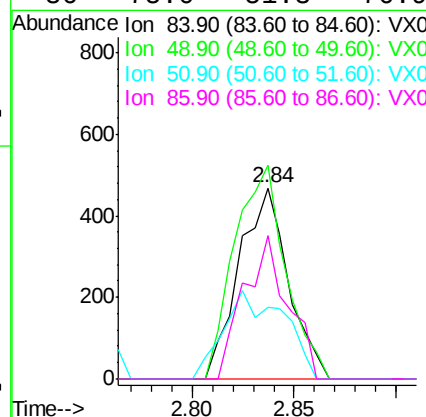
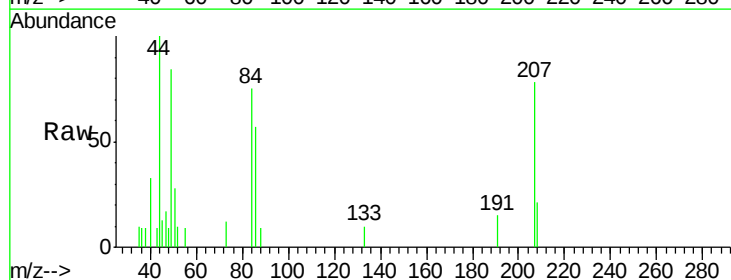
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

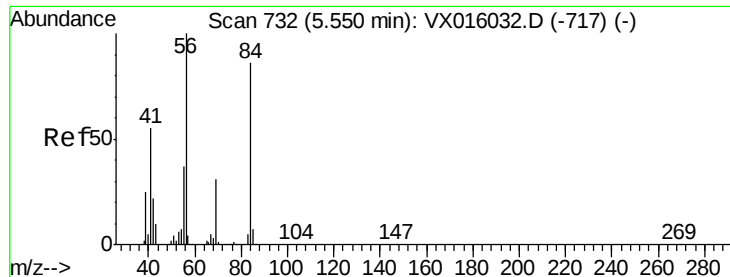
Tgt Ion: 43 Resp: 792
Ion Ratio Lower Upper
43 100
74 14.1 20.2 30.2#



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

Tgt Ion: 84 Resp: 786
Ion Ratio Lower Upper
84 100
49 112.0 97.3 145.9
51 37.4 29.3 43.9
86 75.0 51.3 76.9

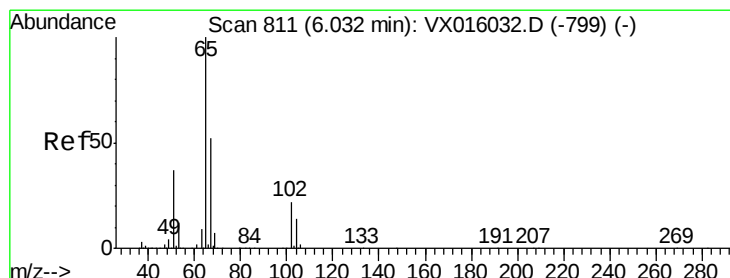
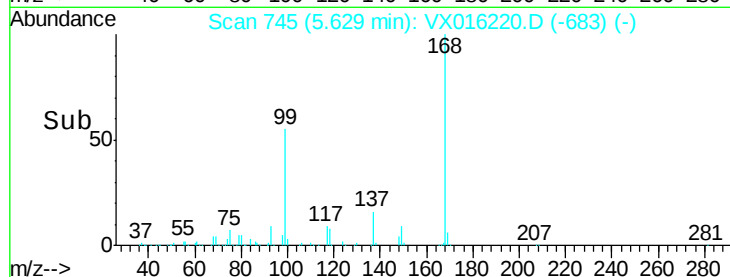
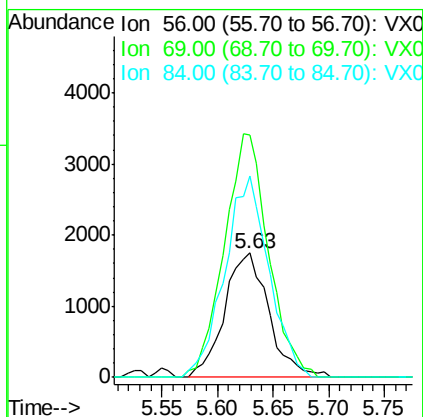
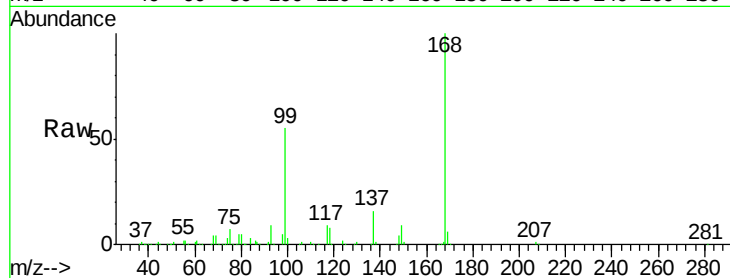




#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

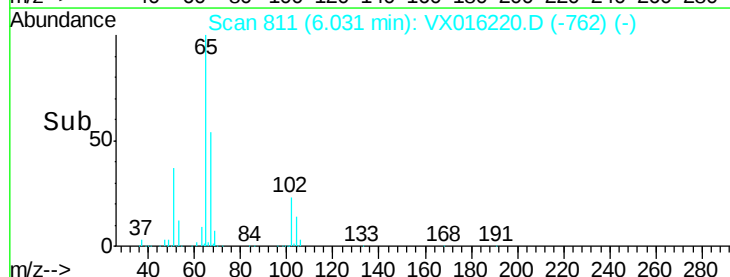
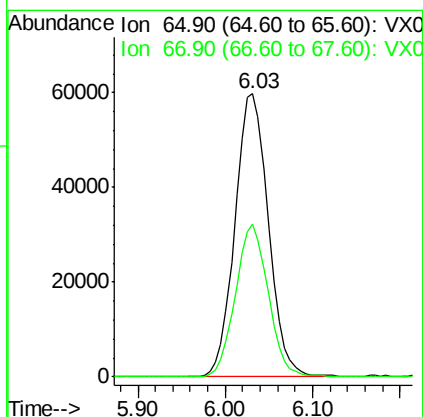
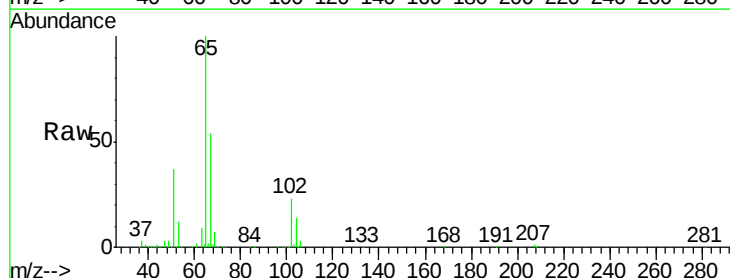
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

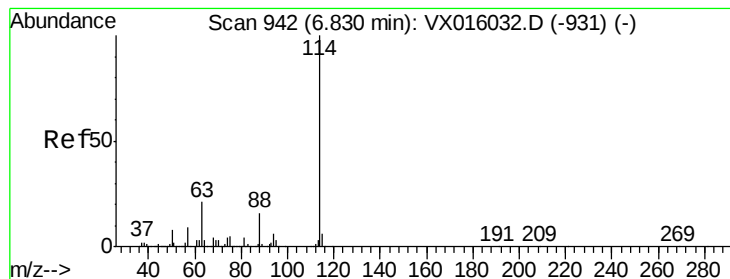
Tgt Ion: 56 Resp: 4822
Ion Ratio Lower Upper
56 100
69 195.1 25.0 37.6#
84 162.4 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 45.99 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

Tgt Ion: 65 Resp: 158979
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

VX0514WBL01

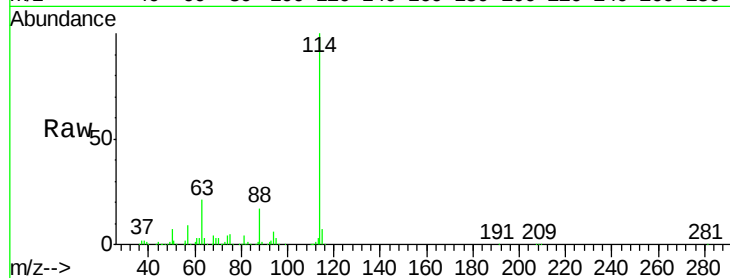
Tgt Ion:114 Resp: 432500

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.8

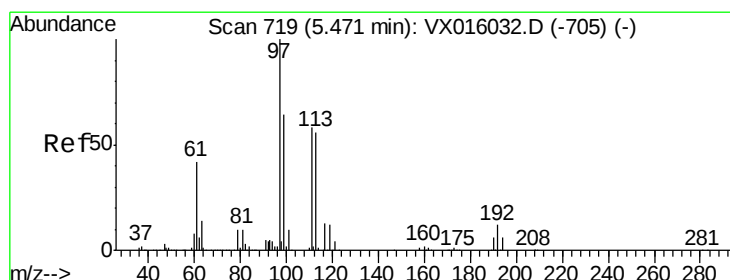
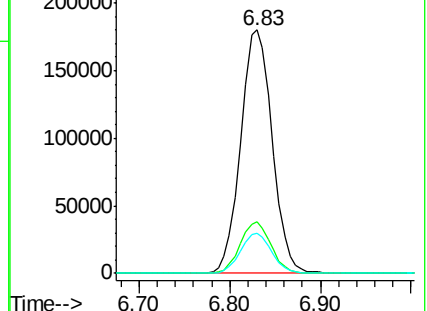
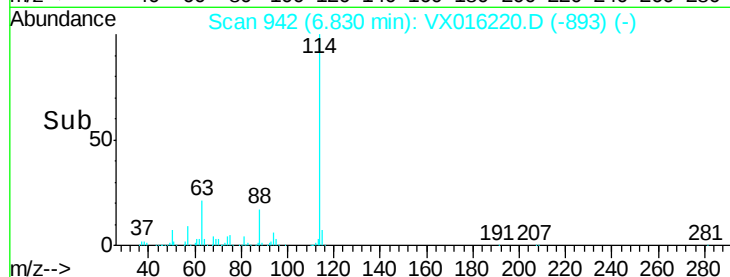
88 16.5 0.0 31.4



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: 47.09 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

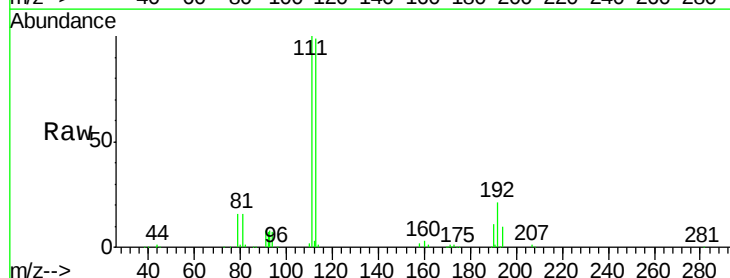
Tgt Ion:113 Resp: 129027

Ion Ratio Lower Upper

113 100

111 101.3 81.6 122.4

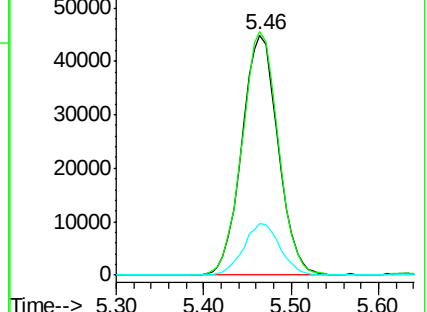
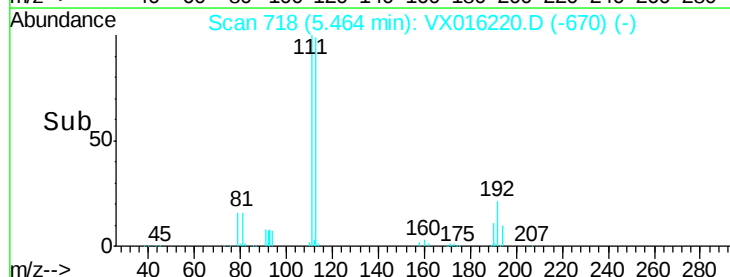
192 21.6 17.0 25.4

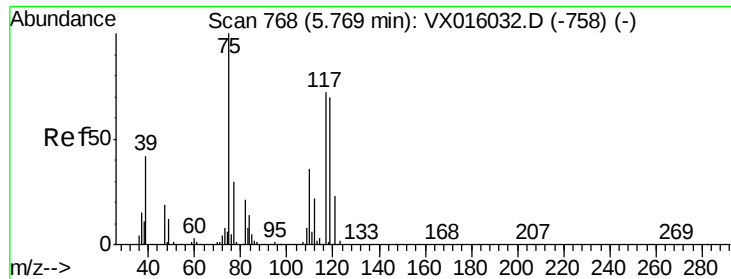


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

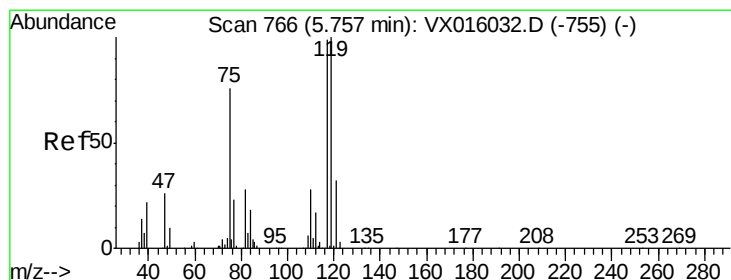
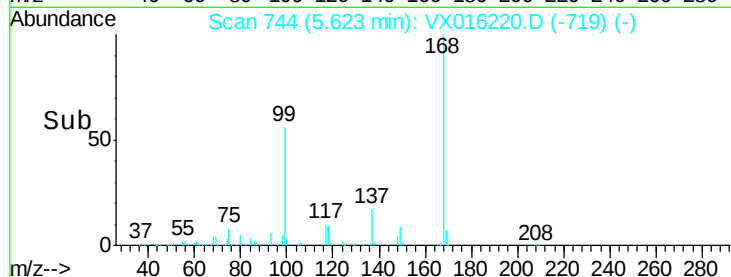
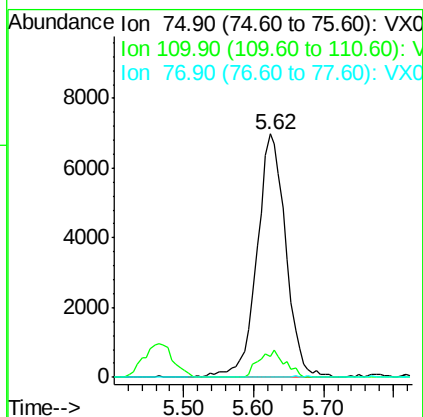
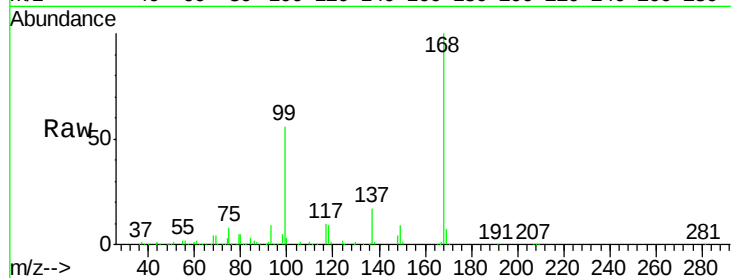




#36
 1,1-Dichloropropene
 Concen: 4.68 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.15 min
 Lab File: VX016220.D
 Acq: 14 May 2020 11:01

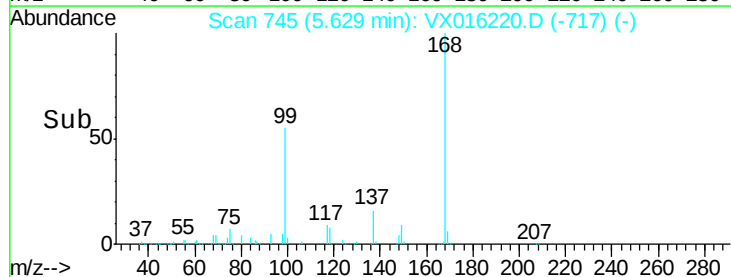
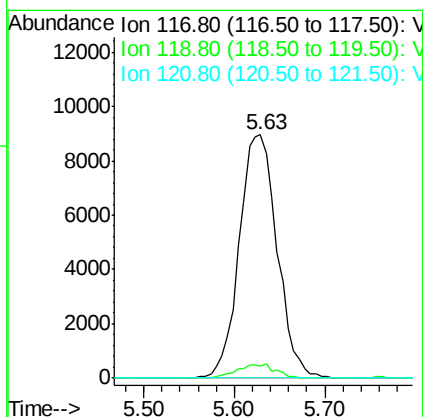
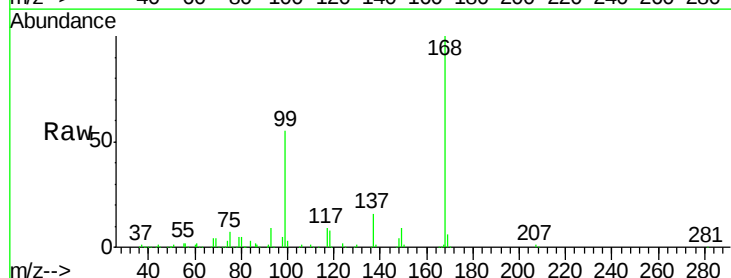
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

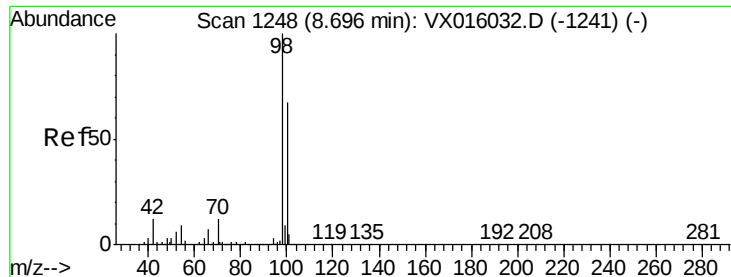
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.96 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.13 min
 Lab File: VX016220.D
 Acq: 14 May 2020 11:01

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.9	80.3	120.5#
121	0.0	25.7	38.5#





#50

Toluene-d8

Concen: 50.56 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

Instrument :

MSVOA_X

ClientSampleId :

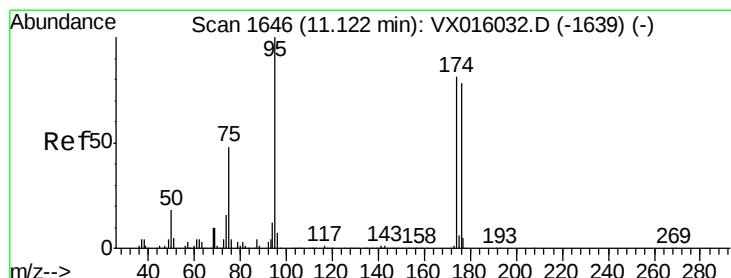
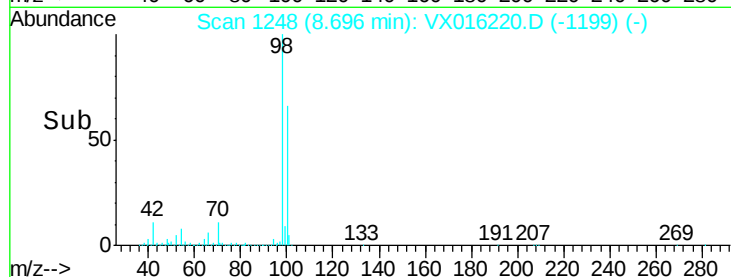
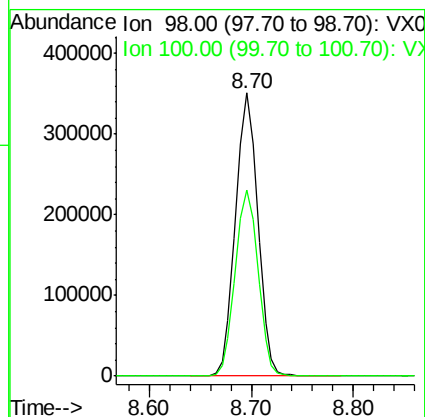
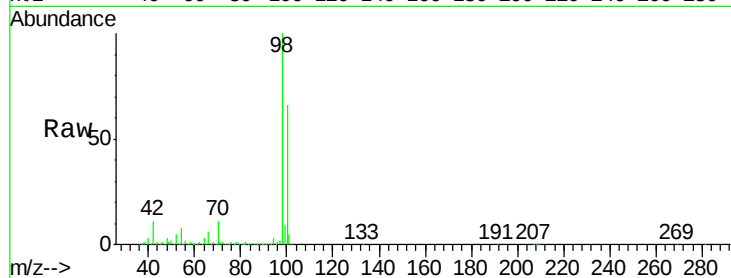
VX0514WBL01

Tgt Ion: 98 Resp: 533825

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 51.42 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

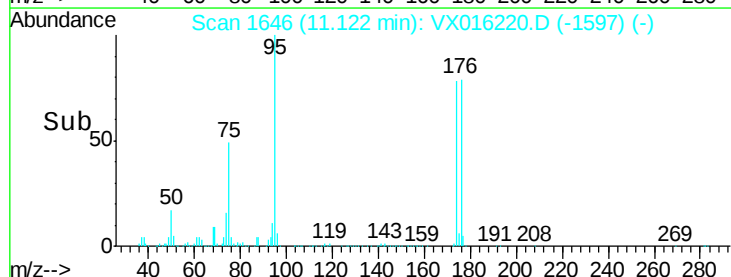
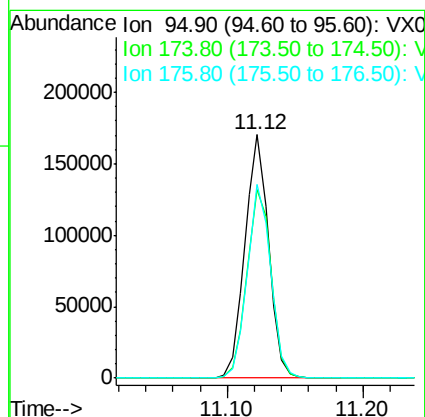
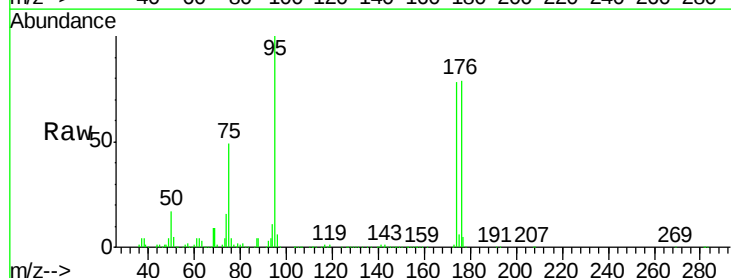
Tgt Ion: 95 Resp: 206501

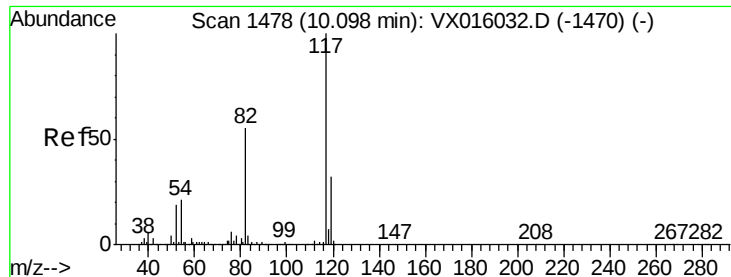
Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

176 79.3 0.0 157.6

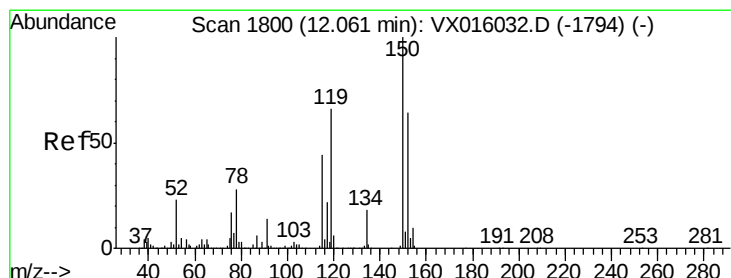
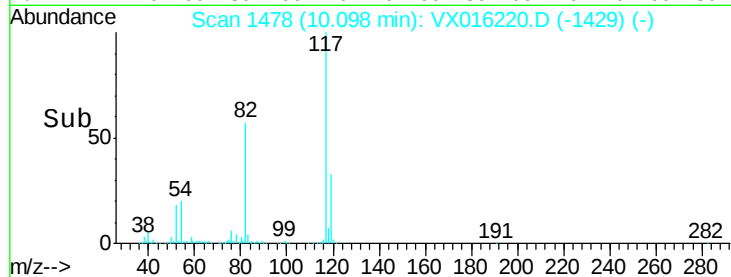
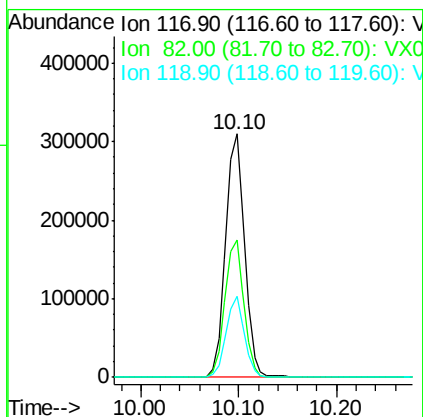
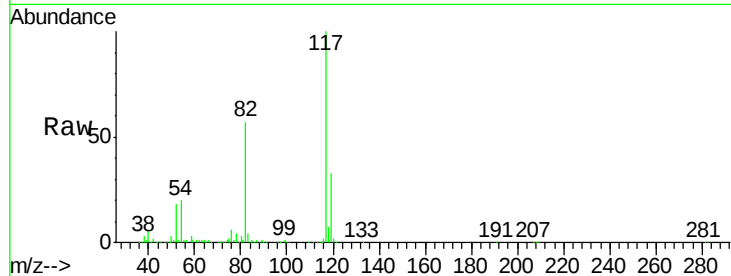




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

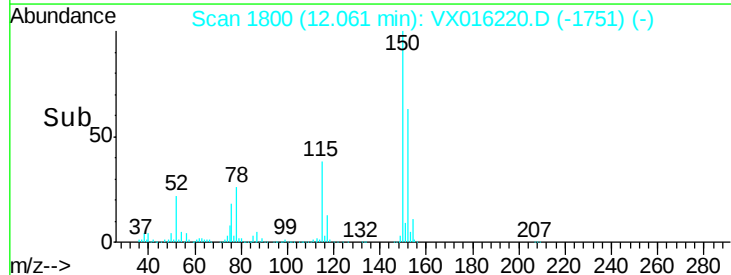
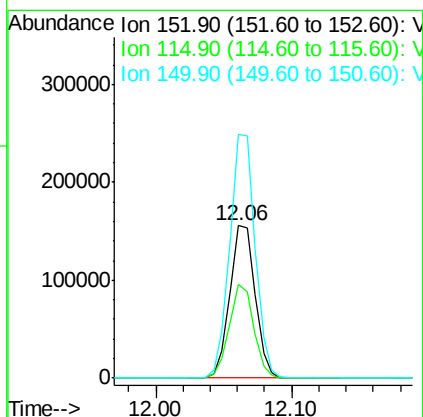
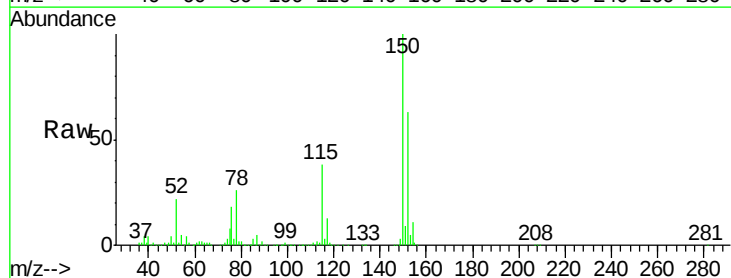
Instrument :
MSVOA_X
ClientSampleId :
VX0514WBL01

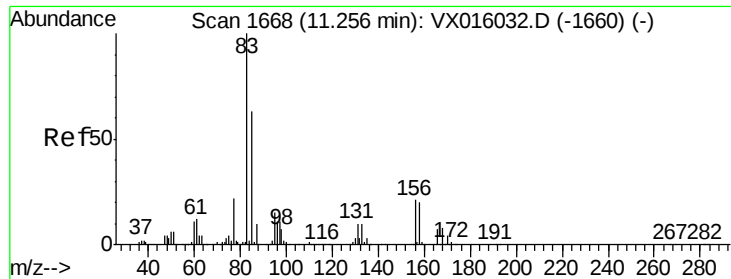
Tgt Ion:117 Resp: 420181
Ion Ratio Lower Upper
117 100
82 56.5 44.4 66.6
119 33.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016220.D
Acq: 14 May 2020 11:01

Tgt Ion:152 Resp: 201984
Ion Ratio Lower Upper
152 100
115 59.5 41.3 124.1
150 159.6 0.0 352.2

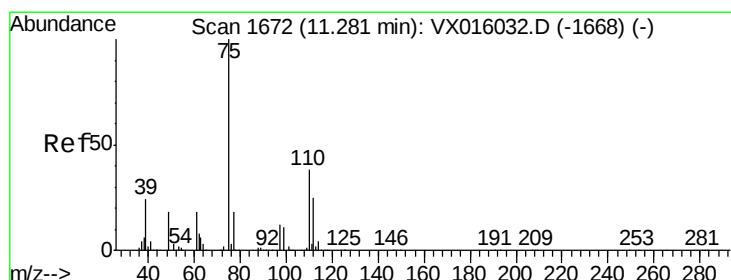
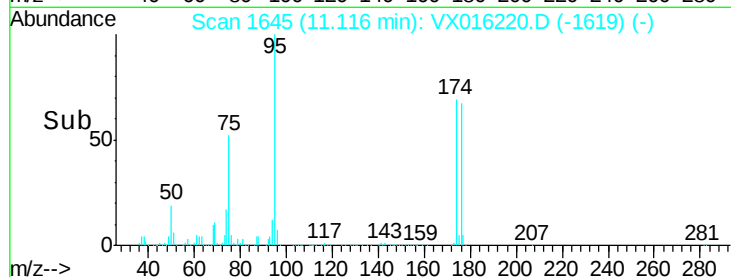
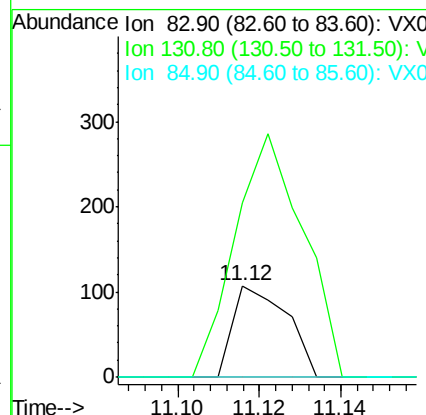
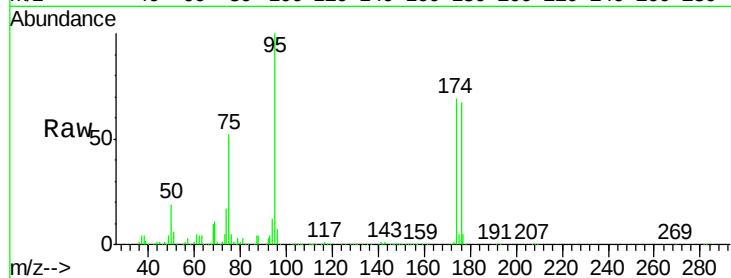




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.08 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.14 min
 Lab File: VX016220.D
 Acq: 14 May 2020 11:01

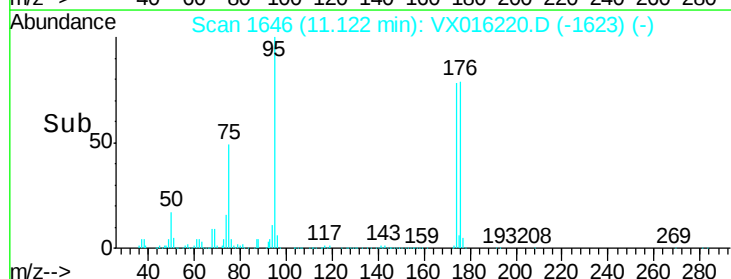
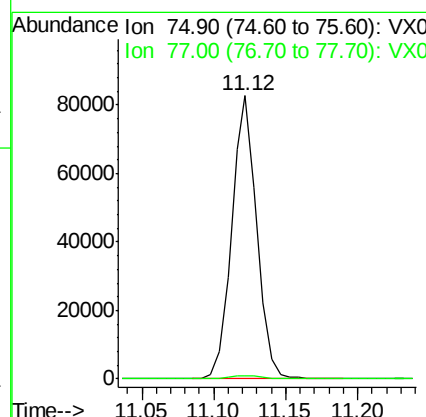
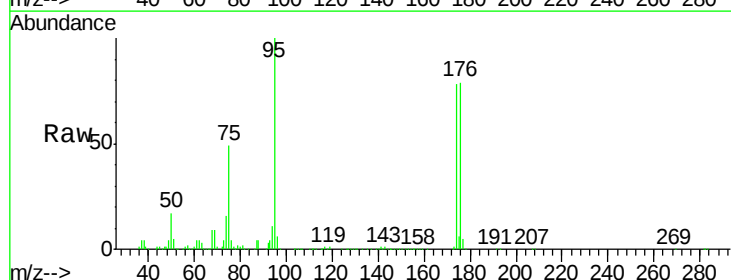
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0514WBL01

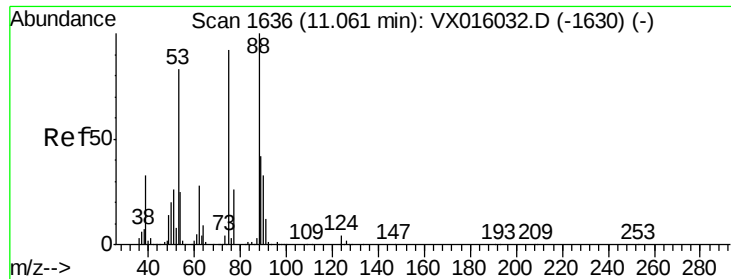
Tgt Ion: 83 Resp: 98
 Ion Ratio Lower Upper
 83 100
 131 338.8 5.1 15.4#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 22.00 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX016220.D
 Acq: 14 May 2020 11:01

Tgt Ion: 75 Resp: 100838
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.2 63.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 52.43 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

Instrument :

MSVOA_X

ClientSampled :

VX0514WBL01

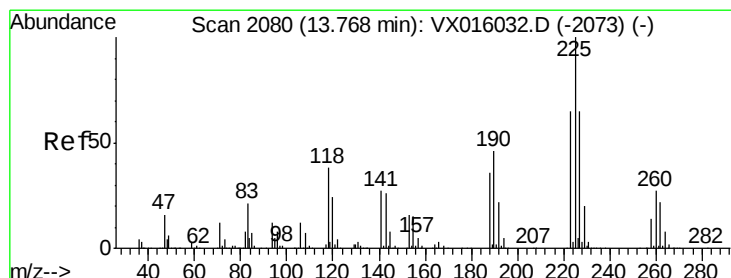
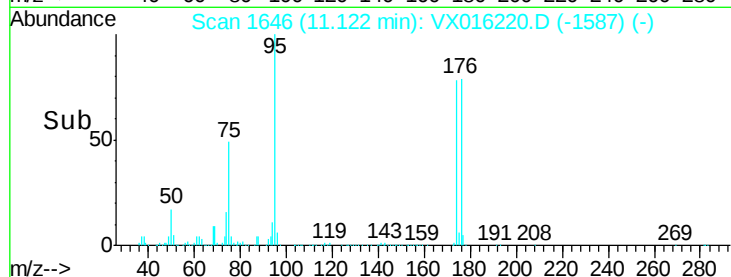
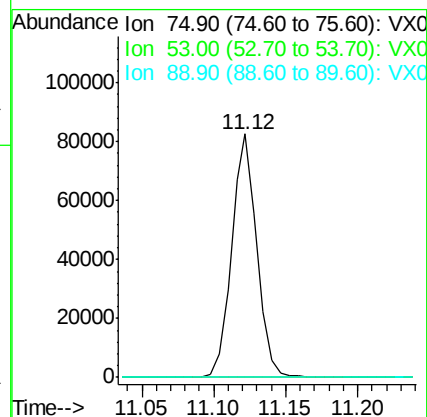
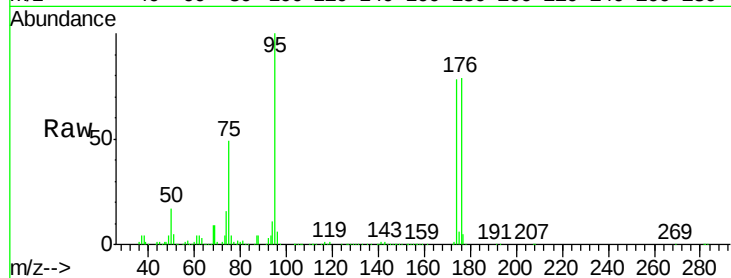
Tgt Ion: 75 Resp: 100838

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#



#94

Hexachlorobutadiene

Concen: 0.71 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX016220.D

Acq: 14 May 2020 11:01

Tgt Ion: 225 Resp: 393

Ion Ratio Lower Upper

225 100

223 78.4 32.3 96.9

227 54.5 31.8 95.4

