

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061220\
 Data File : VX016728.D
 Acq On : 12 Jun 2020 15:10
 Operator : JC/SP
 Sample : L3004-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 13 04:29:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

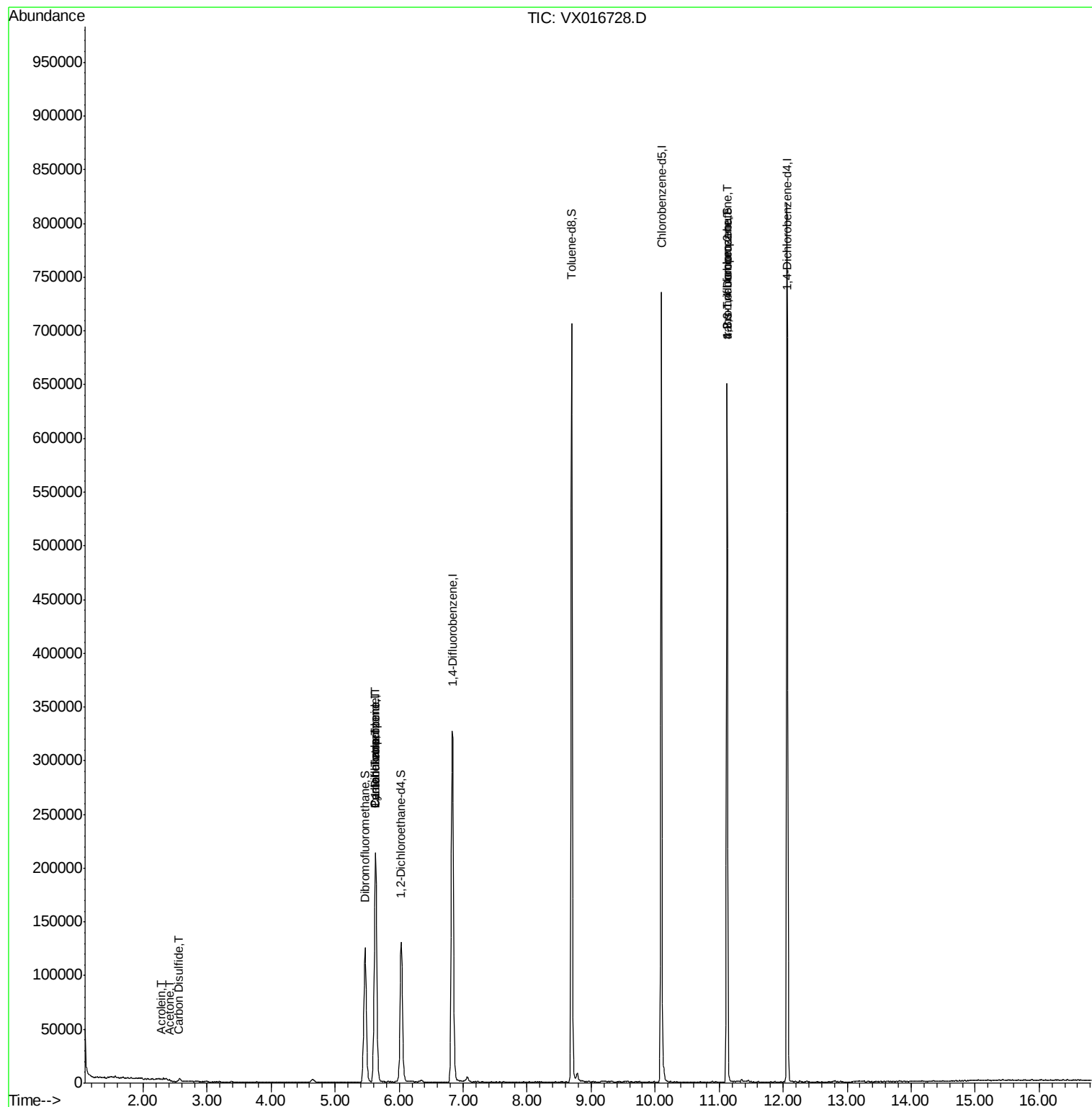
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	214513	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	337756	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	342383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	174851	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	129527	48.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.24%	
35) Dibromofluoromethane	5.47	113	107417	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
50) Toluene-d8	8.70	98	418074	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene	11.12	95	166813	53.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.66%	
Target Compounds						
					Qvalue	
13) Acrolein	2.28	56	104	0.358	ug/l #	1
16) Acetone	2.42	43	1368	1.172	ug/l #	84
17) Carbon Disulfide	2.56	76	1528	0.249	ug/l	100
31) Cyclohexane	5.63	56	3688	0.996	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	14906	4.661	ug/l #	51
38) Carbon Tetrachloride	5.63	117	19810	5.895	ug/l #	18
76) 1,2,3-Trichloropropane	11.12	75	79873	20.782	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	79873	51.121	ug/l #	14

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Instrument :

MSVOA_X

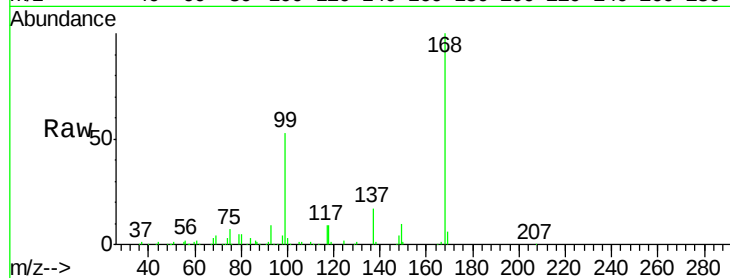
ClientSampleId :

Tot Ion:168 Resp: 214513

Ion Ratio Lower Upper

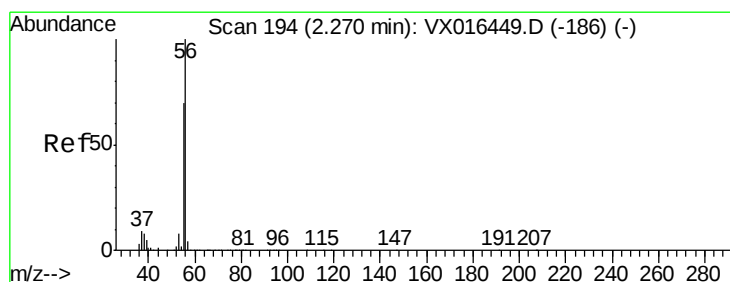
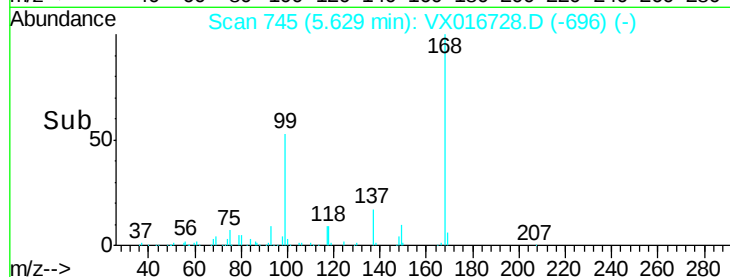
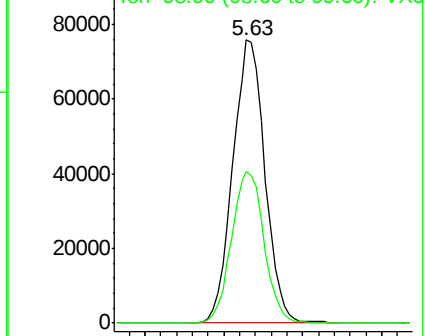
168 100

99 53.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#13

Acrolein

Concen: 0.358 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016728.D

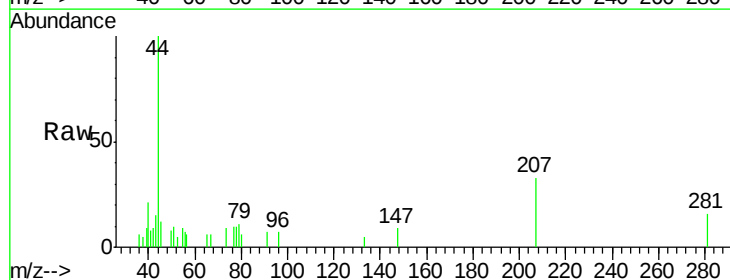
Acq: 12 Jun 2020 15:10

Tgt Ion: 56 Resp: 104

Ion Ratio Lower Upper

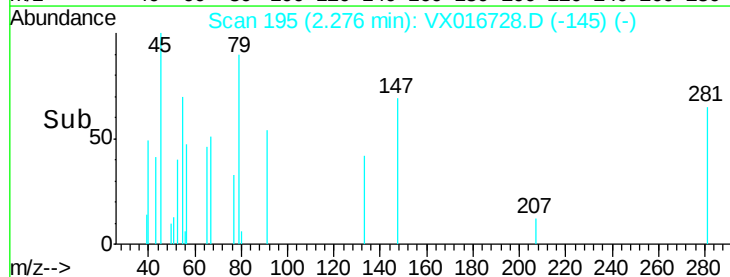
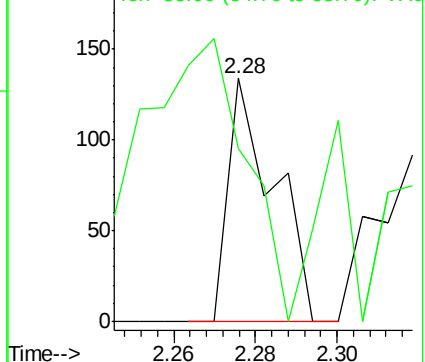
56 100

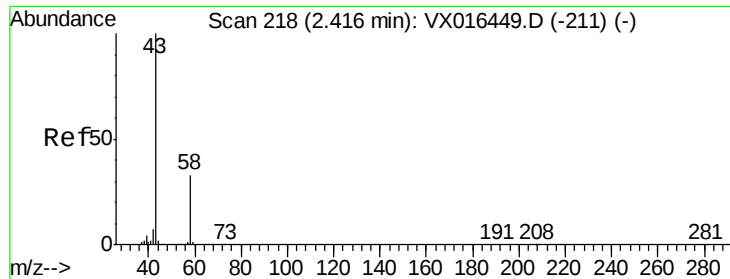
55 247.1 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 1.172 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Instrument :

MSVOA_X

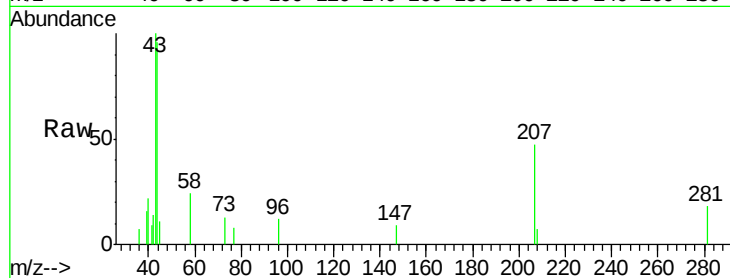
ClientSampled :

Tot Ion: 43 Resp: 1368

Ion Ratio Lower Upper

43 100

58 23.6 26.1 39.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->

2.35 2.40 2.45 2.50

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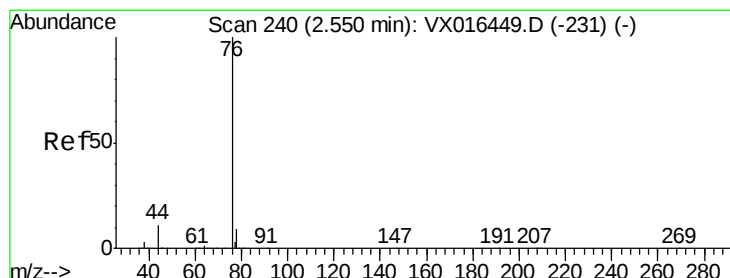
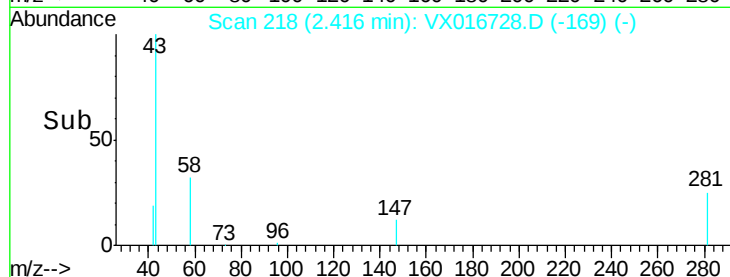
2.42

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#17

Carbon Disulfide

Concen: 0.249 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016728.D

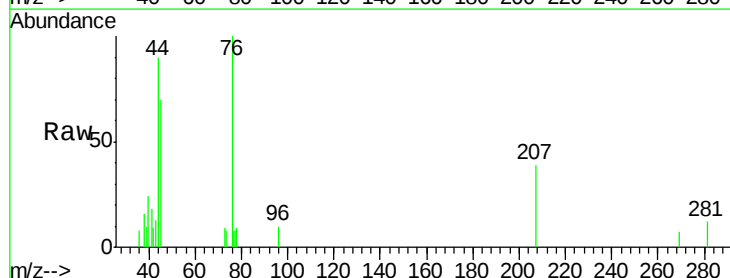
Acq: 12 Jun 2020 15:10

Tgt Ion: 76 Resp: 1528

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

Time-->

2.50 2.55 2.60

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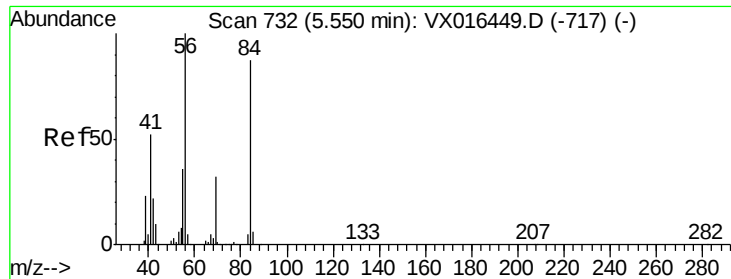
2.56

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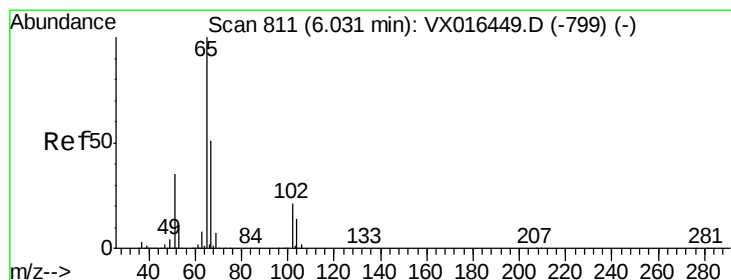
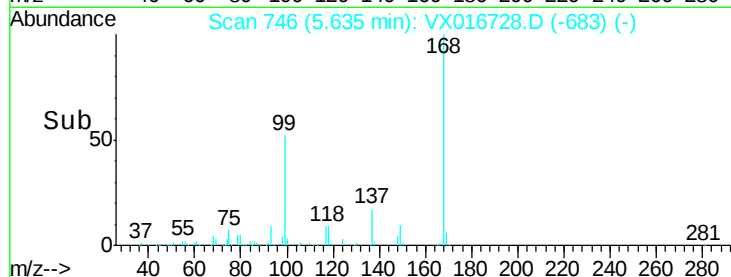
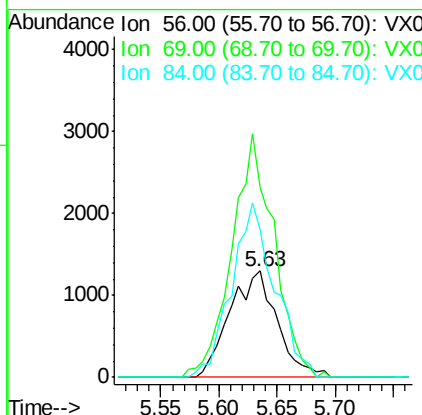
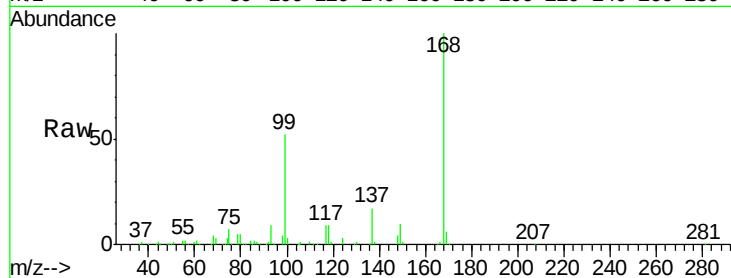
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#31
Cvclohexane
Concen: 0.996 ug/l
RT: 5.63 min Scan# 746
Delta R.T. 0.09 min
Lab File: VX016728.D
Acq: 12 Jun 2020 15:10

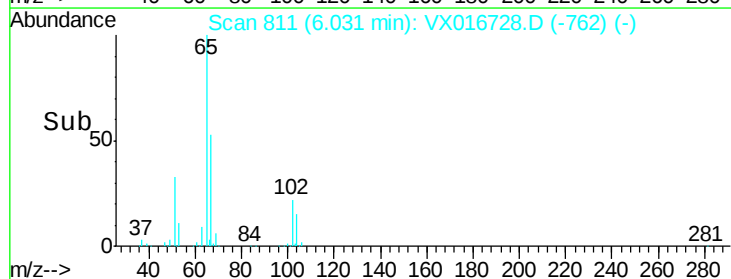
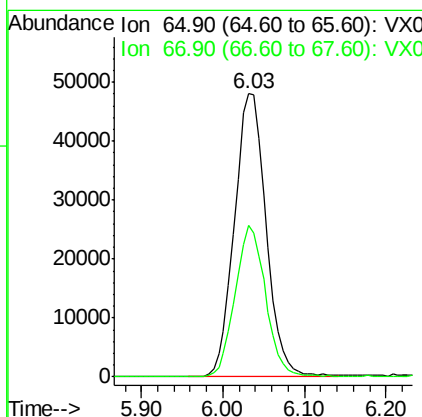
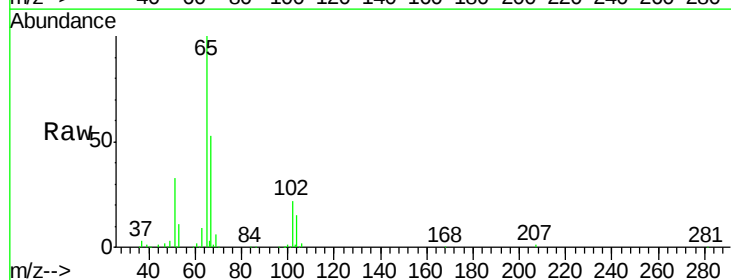
Instrument :
MSVOA_X
ClientSampleId :

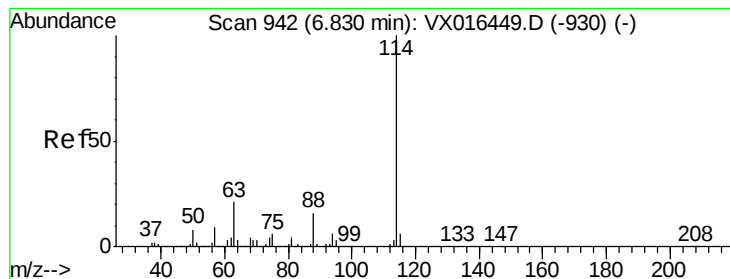
Tot Ion: 56 Resp: 3688
Ion Ratio Lower Upper
56 100
69 178.5 25.7 38.5#
84 139.2 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 48.622 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016728.D
Acq: 12 Jun 2020 15:10

Tgt Ion: 65 Resp: 129527
Ion Ratio Lower Upper
65 100
67 51.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

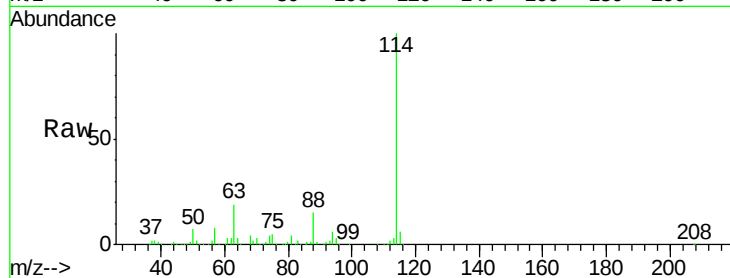
Tot Ion:114 Resp: 337756

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.6

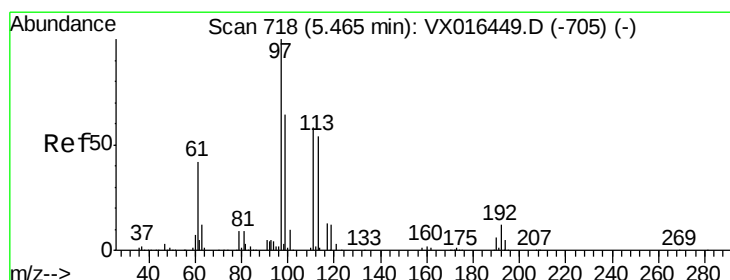
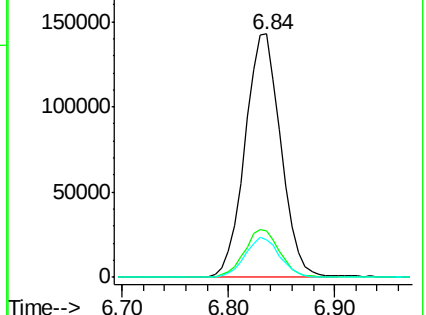
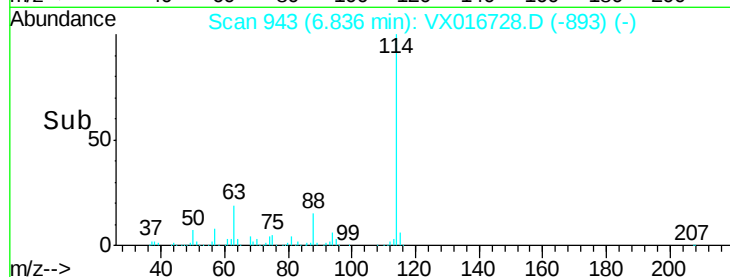
88 15.5 0.0 32.8



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: 51.650 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

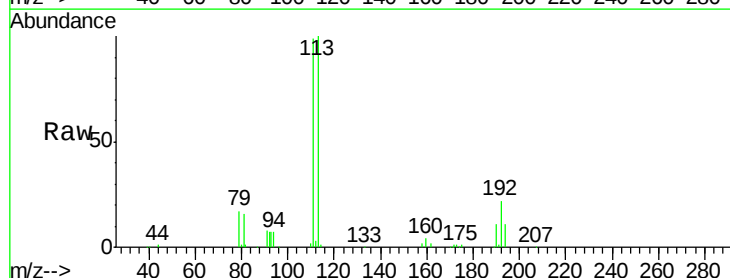
Tgt Ion:113 Resp: 107417

Ion Ratio Lower Upper

113 100

111 101.2 83.0 124.6

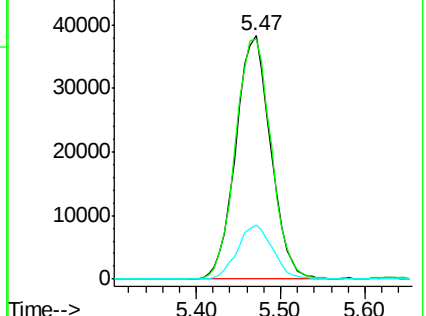
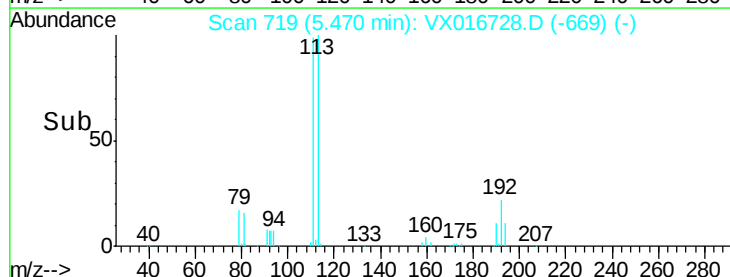
192 22.4 17.7 26.5

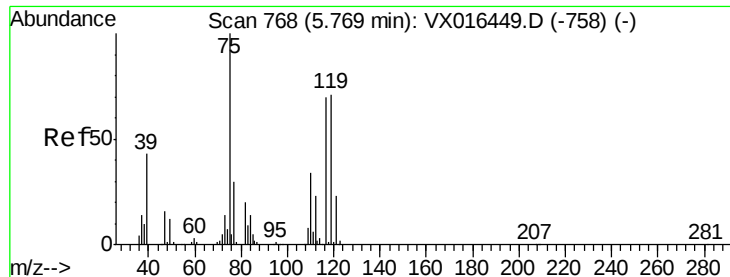


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.661 ug/l

RT: 5.63 min Scan# 745

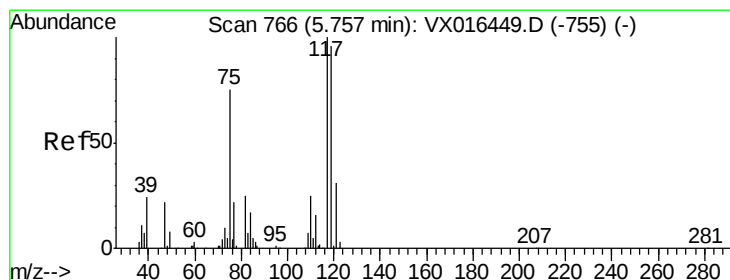
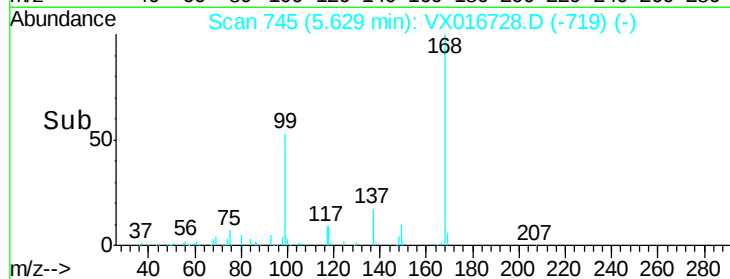
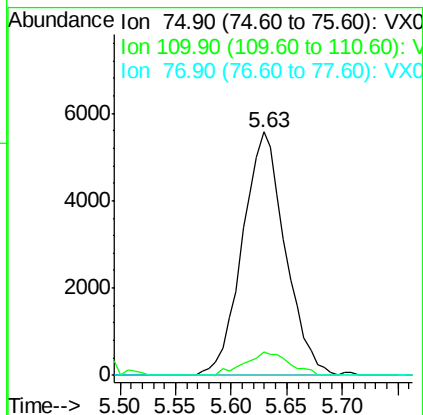
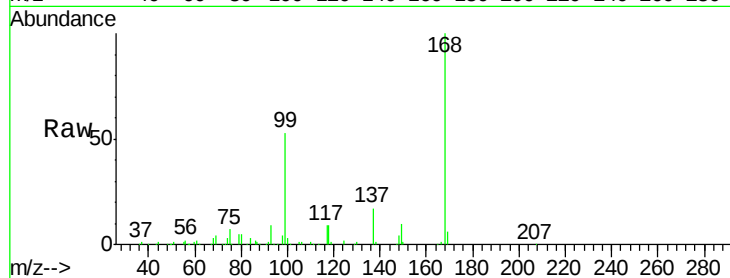
Delta R.T. -0.14 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	75	Resp:	14906
Ion	Ratio	Lower	Upper
75	100		
110	9.9	17.4	52.3#
77	0.0	24.2	36.4#



#38

Carbon Tetrachloride

Concen: 5.895 ug/l

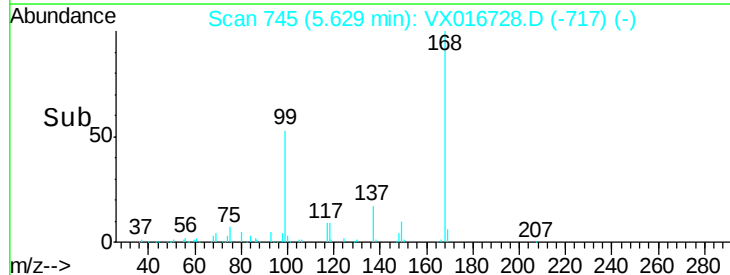
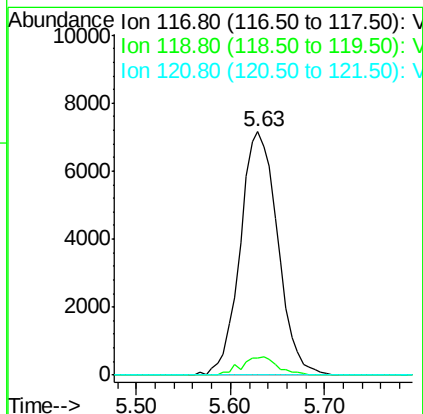
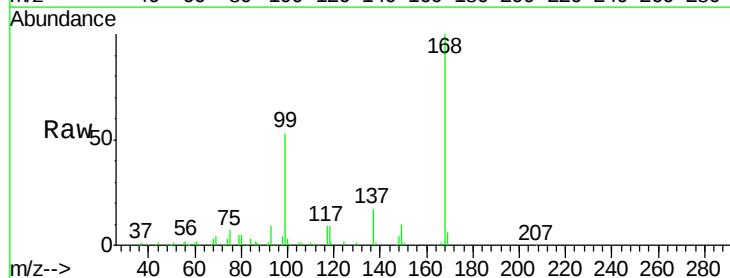
RT: 5.63 min Scan# 745

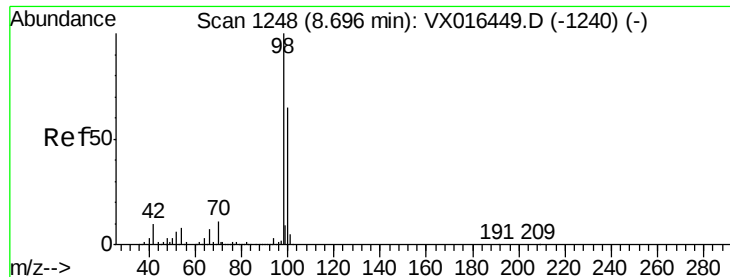
Delta R.T. -0.13 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Tgt Ion:	117	Resp:	19810
Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.3	114.5#
121	0.0	24.6	37.0#

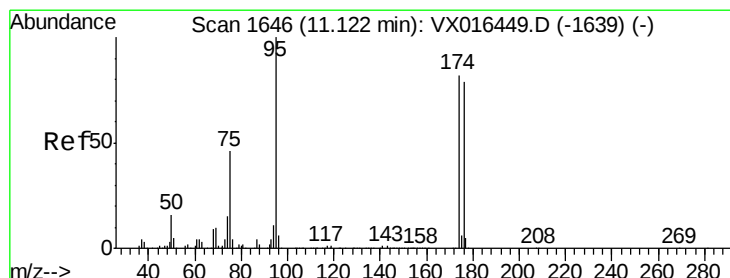
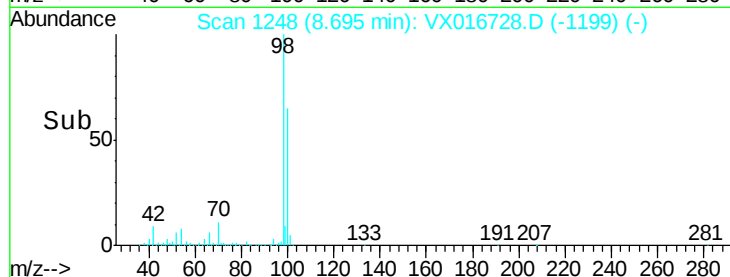
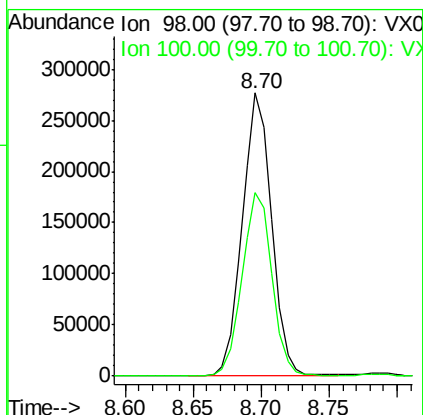
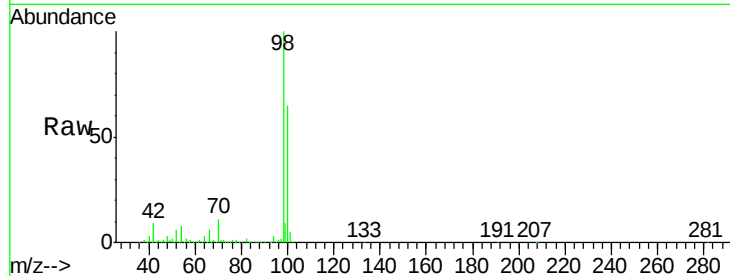




#50
Toluene-d8
Concen: 51.648 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016728.D
Acq: 12 Jun 2020 15:10

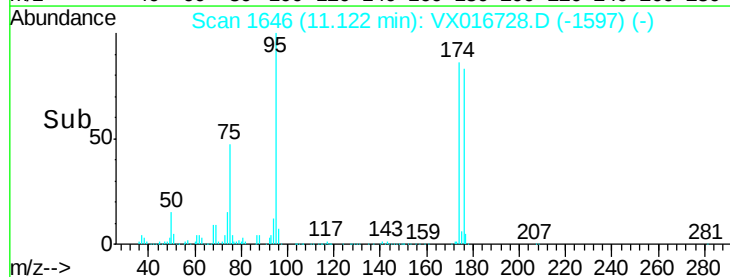
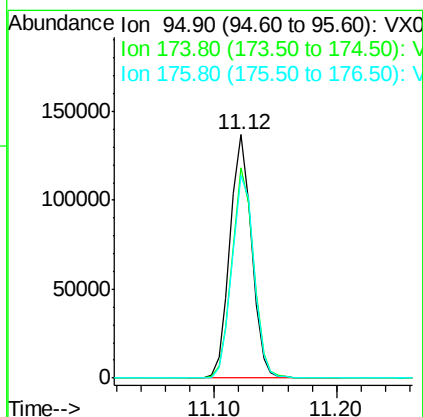
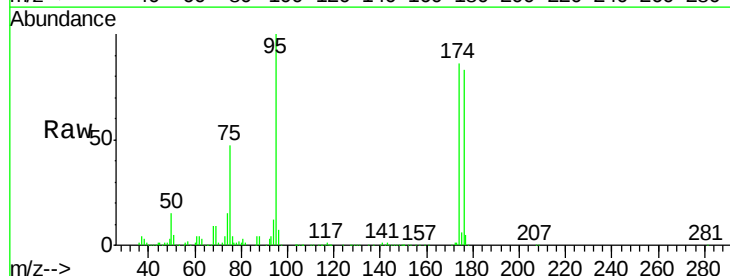
Instrument :
MSVOA_X
ClientSampleId :

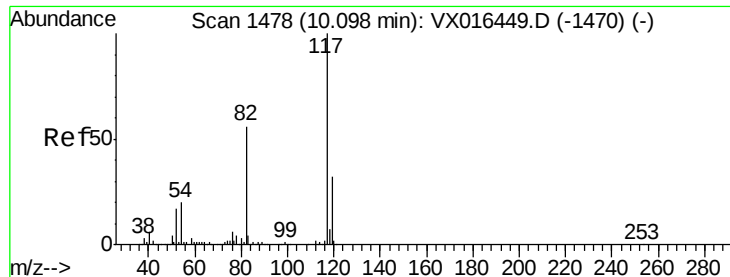
Tot Ion: 98 Resp: 418074
Ion Ratio Lower Upper
98 100
100 65.8 53.8 80.6



#62
4-Bromofluorobenzene
Concen: 53.333 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016728.D
Acq: 12 Jun 2020 15:10

Tgt Ion: 95 Resp: 166813
Ion Ratio Lower Upper
95 100
174 86.6 0.0 163.0
176 84.8 0.0 156.8

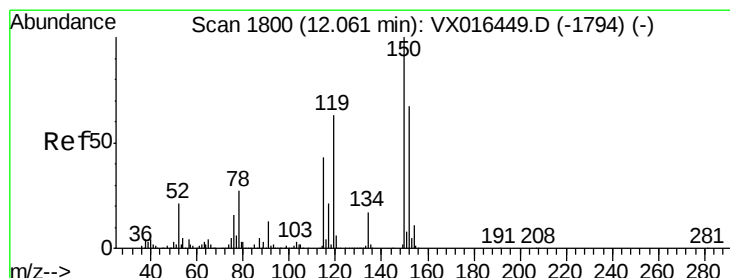
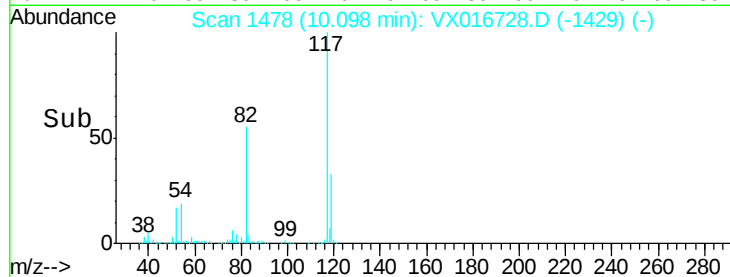
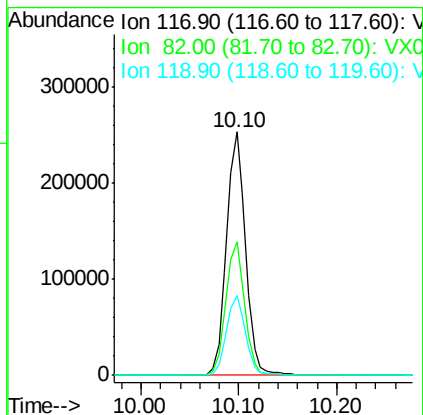
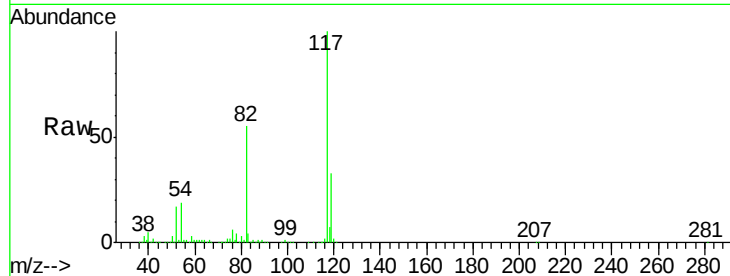




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016728.D
Acq: 12 Jun 2020 15:10

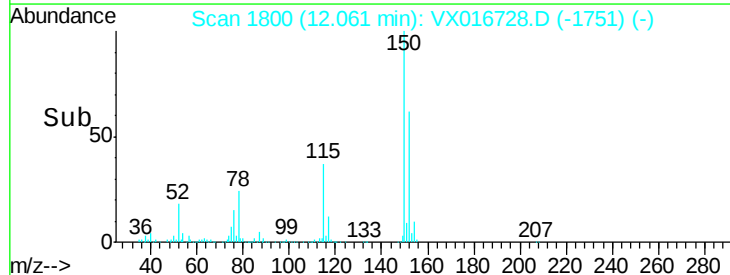
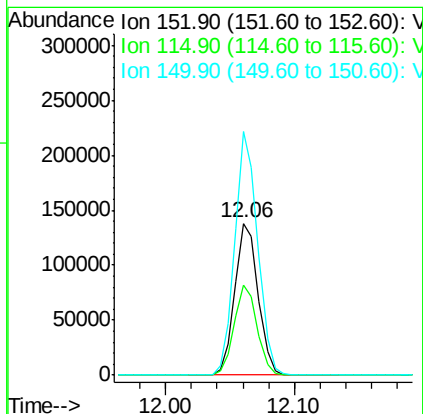
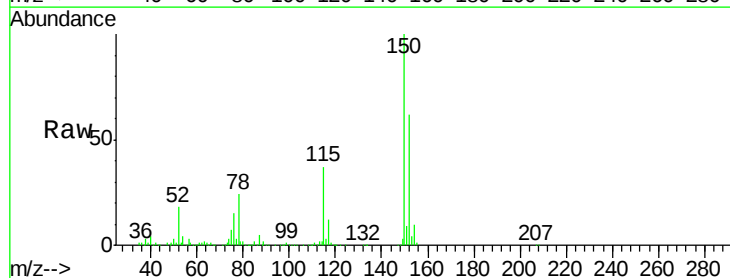
Instrument :
MSVOA_X
ClientSampleId :

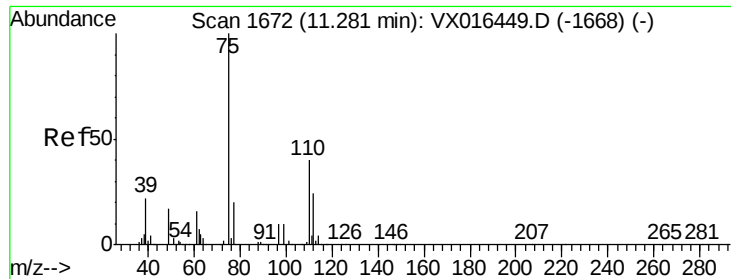
Tot Ion:117 Resp: 342383
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.6
119 33.0 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016728.D
Acq: 12 Jun 2020 15:10

Tgt Ion:152 Resp: 174851
Ion Ratio Lower Upper
152 100
115 58.5 39.9 119.6
150 157.1 0.0 341.0





#76

1,2,3-Trichloropropane

Concen: 20.782 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Instrument :

MSVOA_X

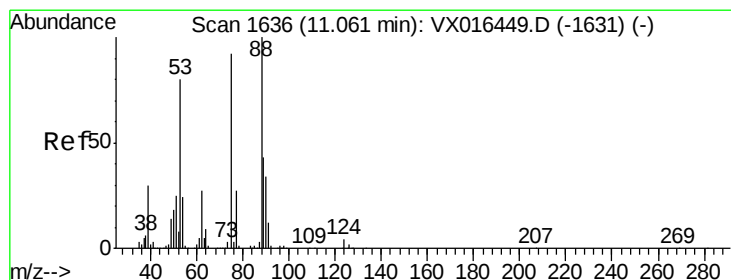
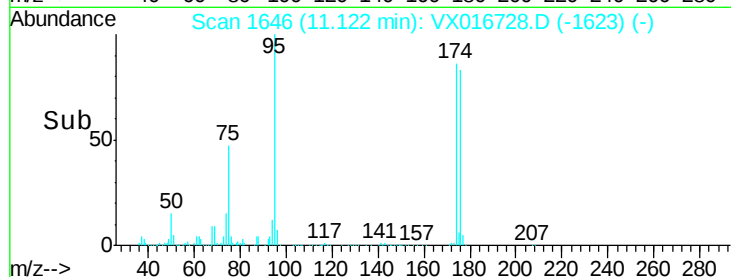
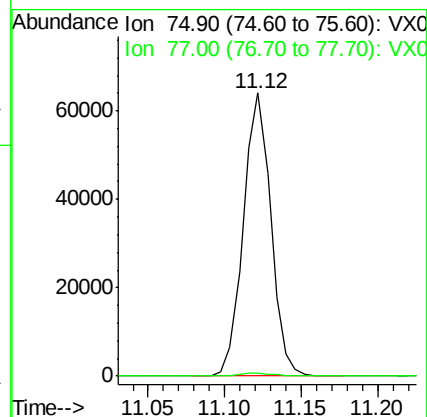
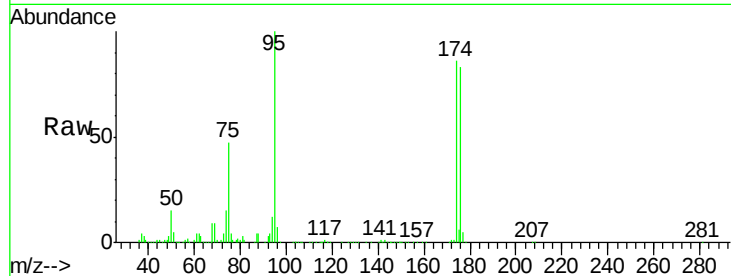
ClientSampleId :

Tot Ion: 75 Resp: 79873

Ion Ratio Lower Upper

75 100

77 1.3 21.3 63.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.121 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016728.D

Acq: 12 Jun 2020 15:10

Tgt Ion: 75 Resp: 79873

Ion Ratio Lower Upper

75 100

53 0.2 71.3 106.9#

89 0.0 36.6 55.0#

