

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052220\
 Data File : VX016415.D
 Acq On : 22 May 2020 16:22
 Operator : JC/SP
 Sample : L2743-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 23 02:46:02 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

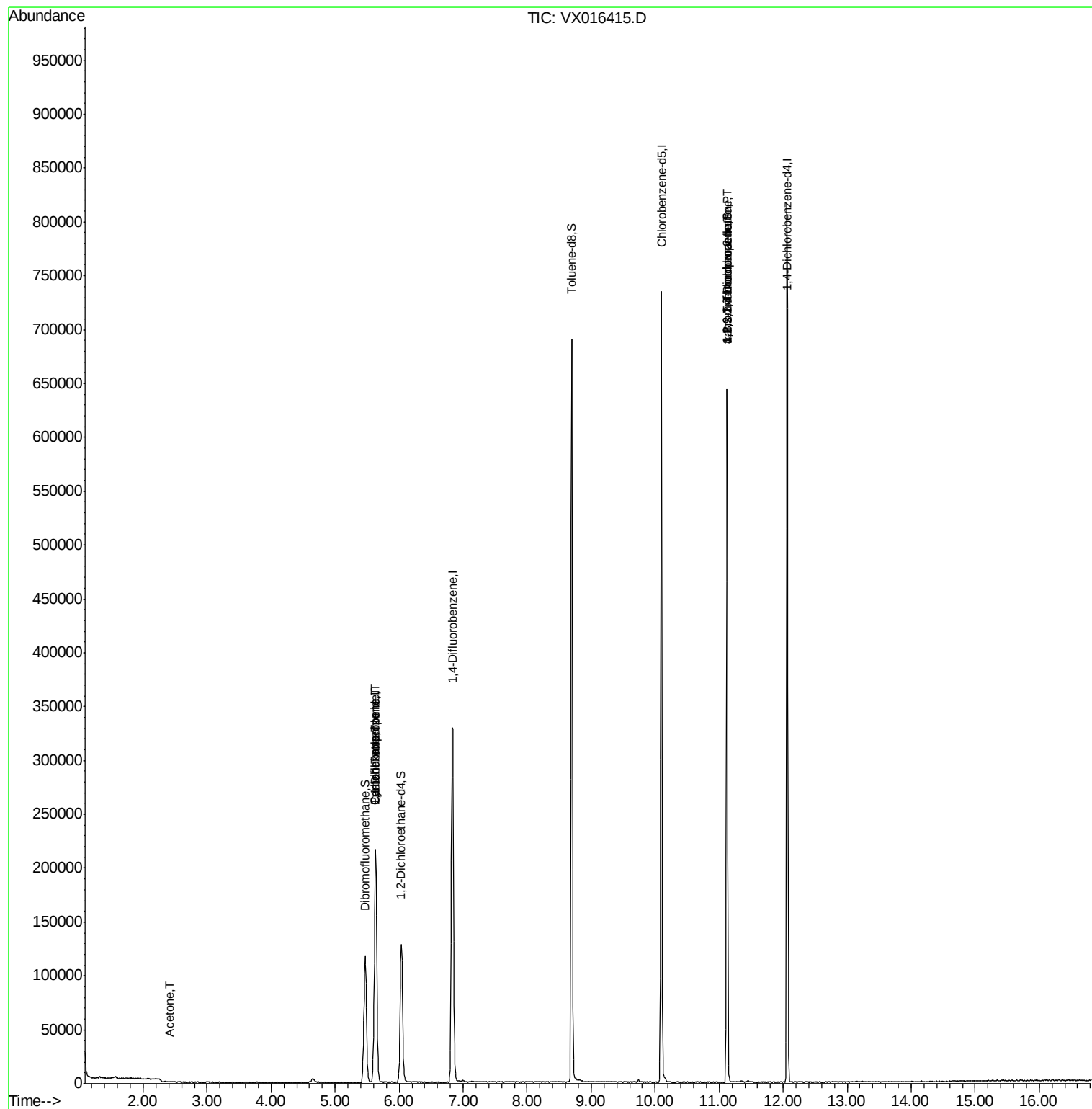
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	213719	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	349945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	341464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	173324	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	123479	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
35) Dibromofluoromethane	5.46	113	102562	46.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.52%	
50) Toluene-d8	8.70	98	430459	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	11.12	95	171043	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
Target Compounds						
					Qvalue	
16) Acetone	2.42	43	609	0.485	ug/l #	43
17) Carbon Disulfide	2.55	76	586	Below Cal	#	74
31) Cyclohexane	5.64	56	3560	0.911	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	15441	4.483	ug/l #	49
38) Carbon Tetrachloride	5.63	117	20553	5.870	ug/l #	15
75) 1,1,2,2-Tetrachloroethane	11.12	83	91	2.088	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	80783	20.539	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	80783	48.946	ug/l #	13

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

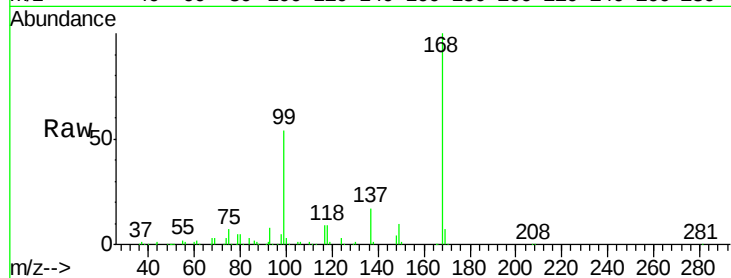
ClientSampleId :

Tot Ion:168 Resp: 213719

Ion Ratio Lower Upper

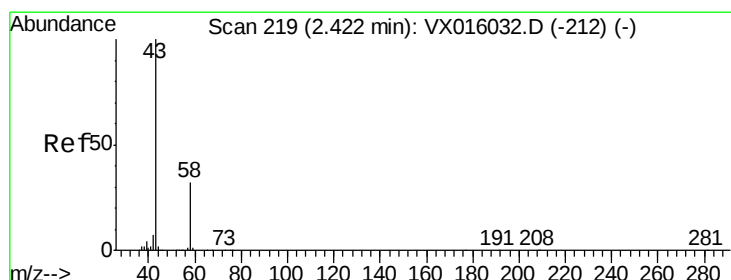
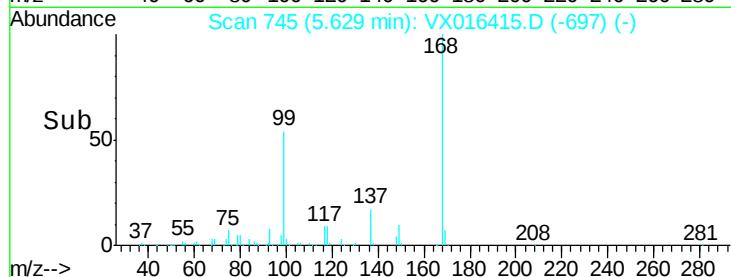
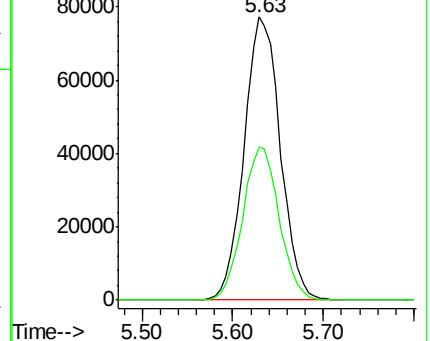
168 100

99 53.8 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 0.485 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016415.D

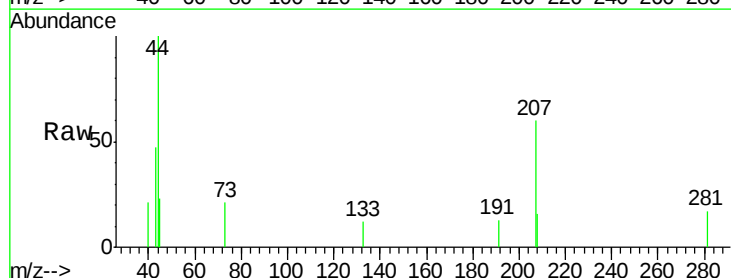
Acq: 22 May 2020 16:22

Tgt Ion: 43 Resp: 609

Ion Ratio Lower Upper

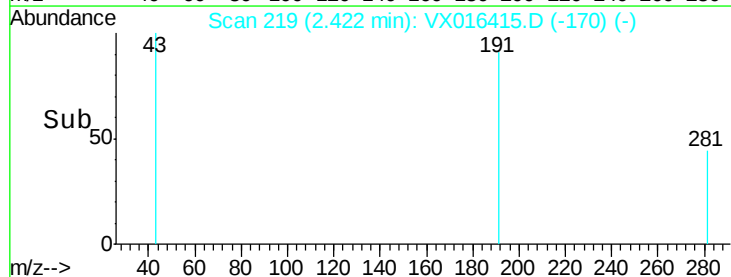
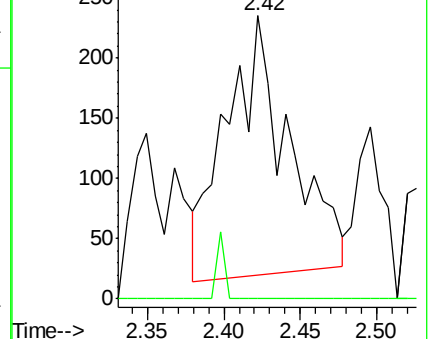
43 100

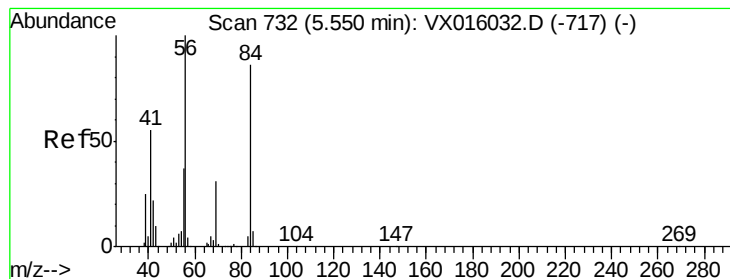
58 0.0 25.4 38.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#31

Cyclohexane

Concen: 0.911 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.09 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

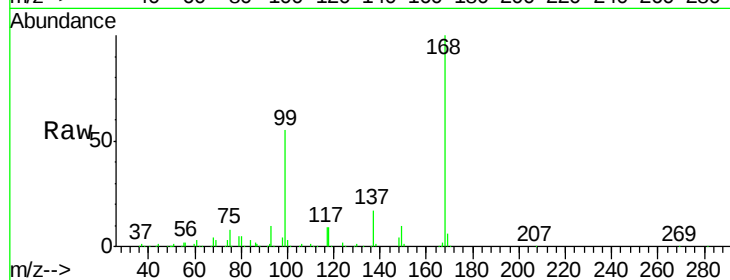
Tot Ion: 56 Resp: 3560

Ion Ratio Lower Upper

56 100

69 193.1 25.0 37.6#

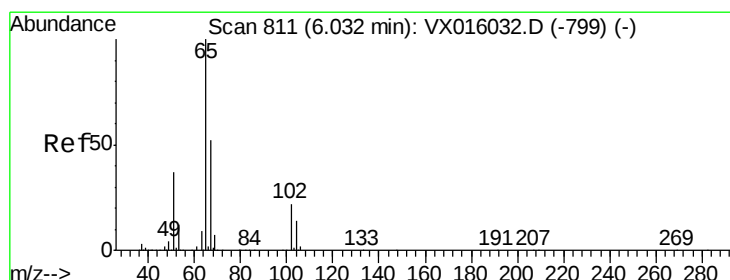
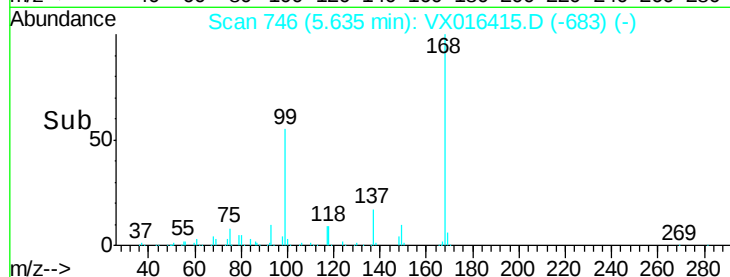
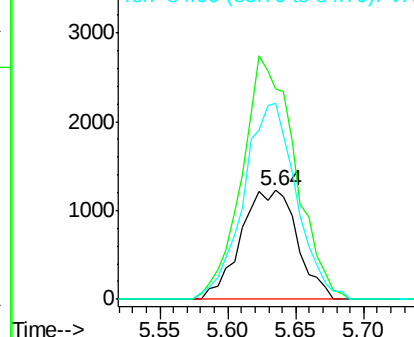
84 180.1 69.0 103.6#



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: 43.906 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016415.D

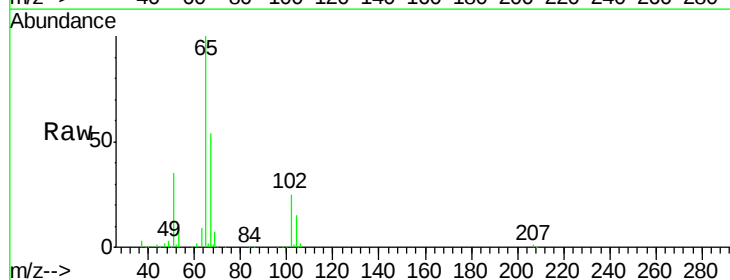
Acq: 22 May 2020 16:22

Tgt Ion: 65 Resp: 123479

Ion Ratio Lower Upper

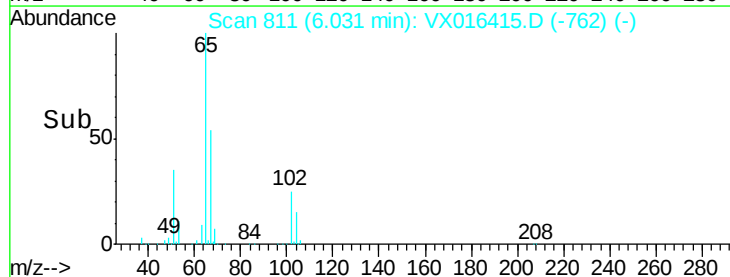
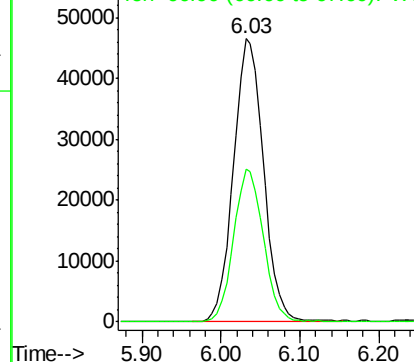
65 100

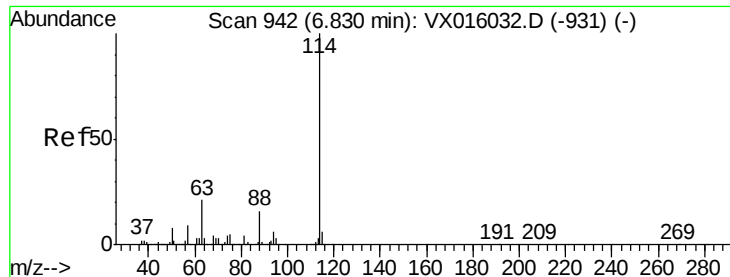
67 53.4 0.0 104.8



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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

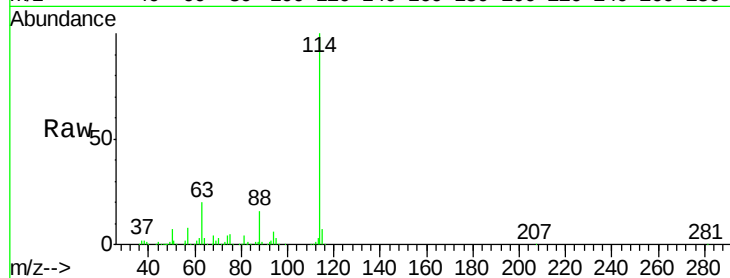
Tot Ion:114 Resp: 349945

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

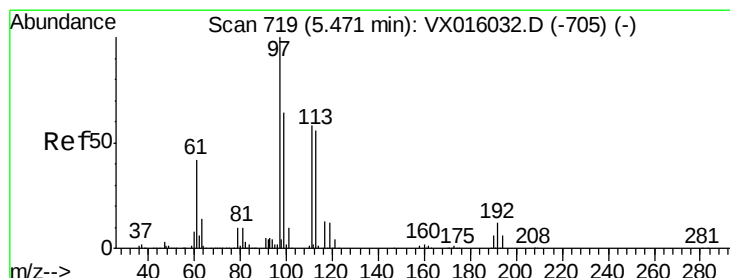
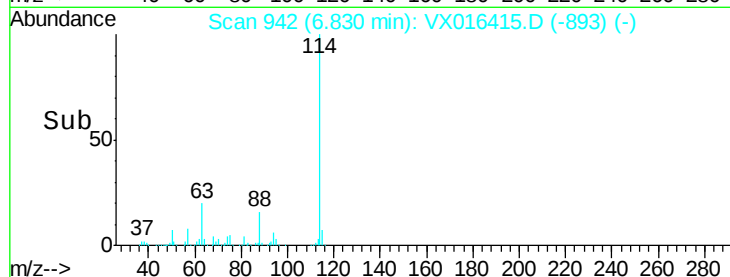
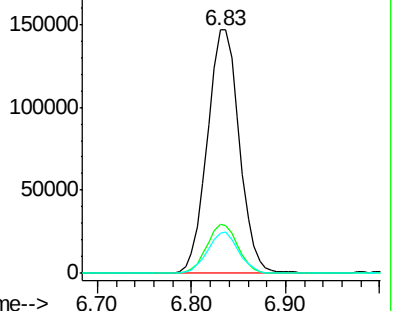
88 16.3 0.0 31.4



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: 46.261 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

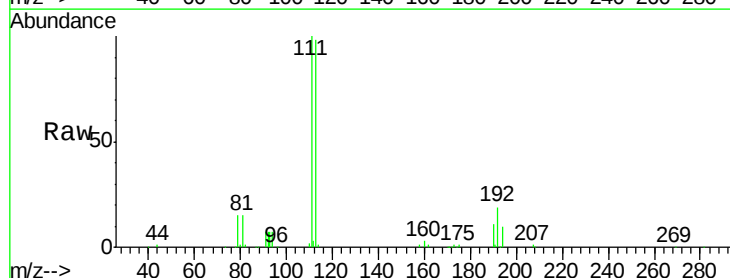
Tgt Ion:113 Resp: 102562

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

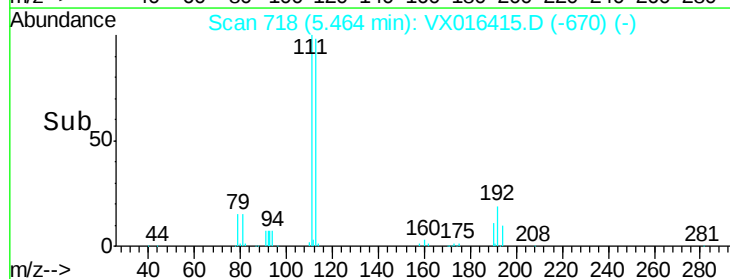
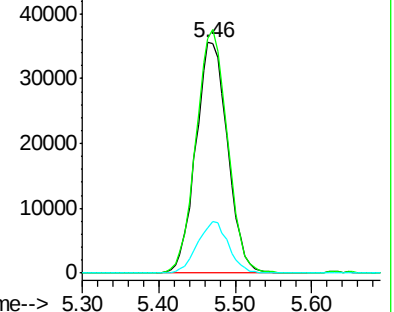
192 21.7 17.0 25.4

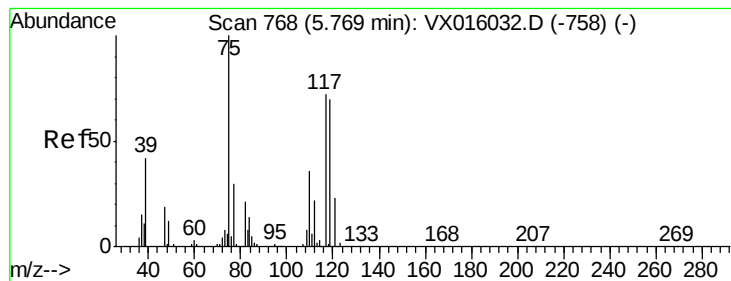


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.483 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.13 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

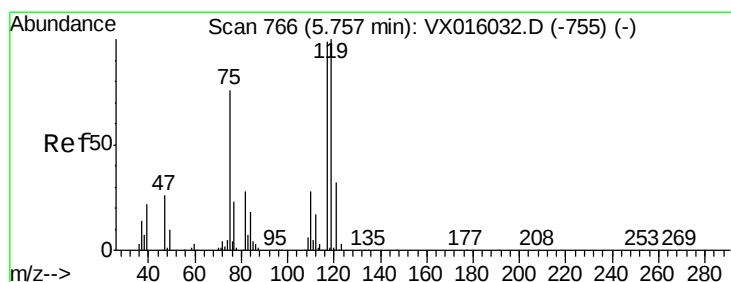
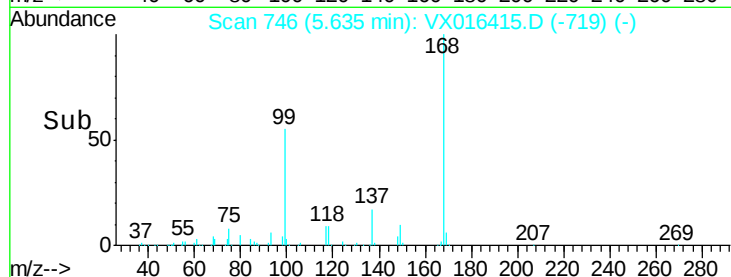
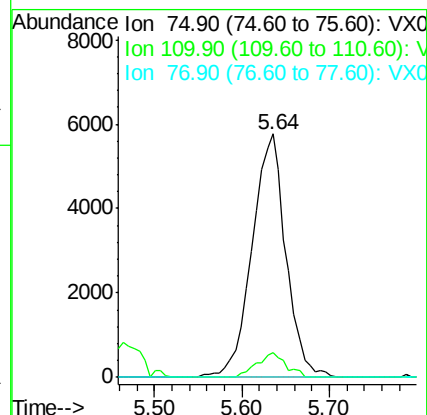
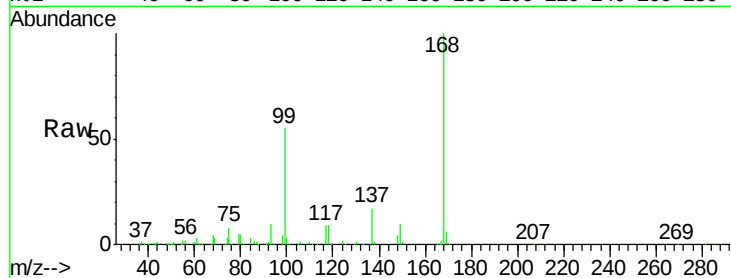
Tot Ion: 75 Resp: 15441

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.1#

77 0.0 25.0 37.6#



#38

Carbon Tetrachloride

Concen: 5.870 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

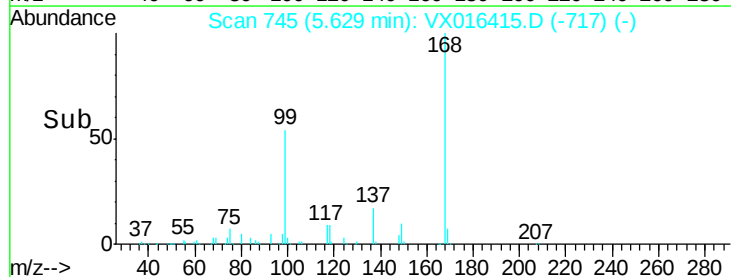
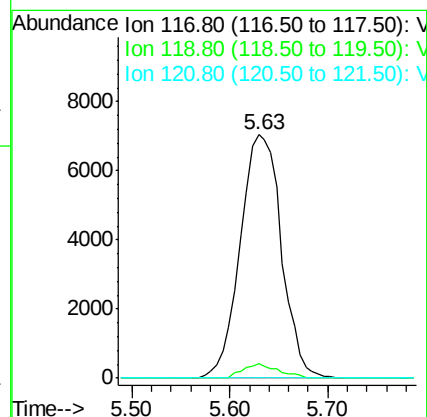
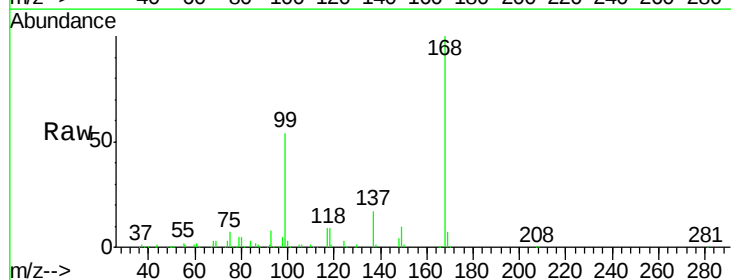
Tgt Ion: 117 Resp: 20553

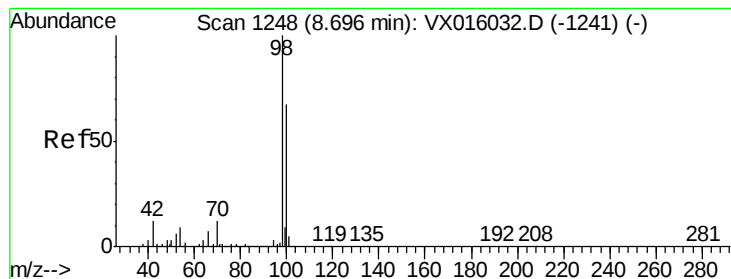
Ion Ratio Lower Upper

117 100

119 5.9 80.3 120.5#

121 0.0 25.7 38.5#





#50

Toluene-d8

Concen: 50.391 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

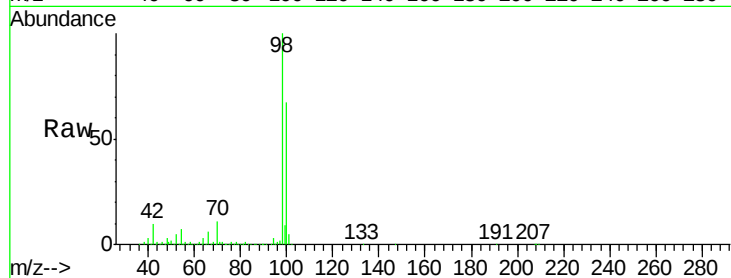
ClientSampleId :

Tot Ion: 98 Resp: 430459

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.70

250000

200000

150000

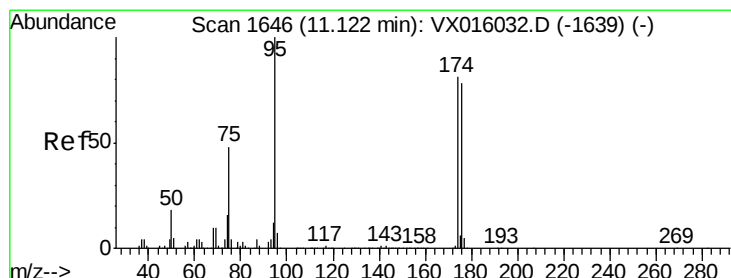
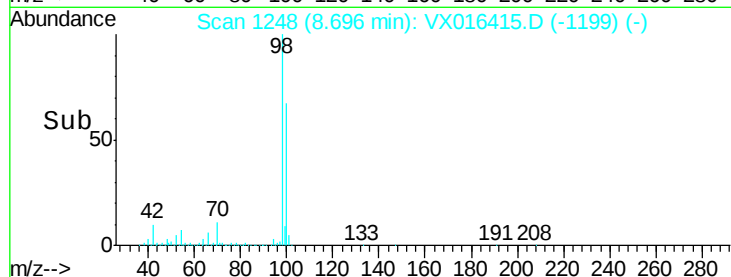
100000

50000

0

8.60 8.70 8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 52.642 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

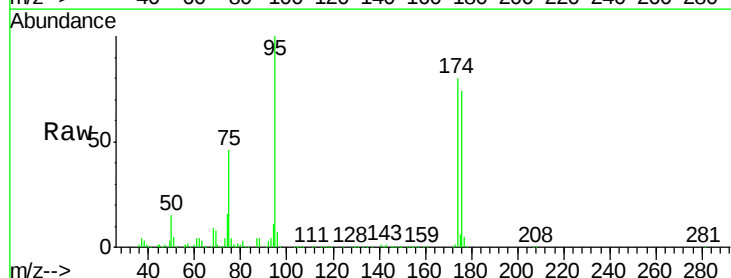
Tgt Ion: 95 Resp: 171043

Ion Ratio Lower Upper

95 100

174 82.2 0.0 159.4

176 76.9 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

150000

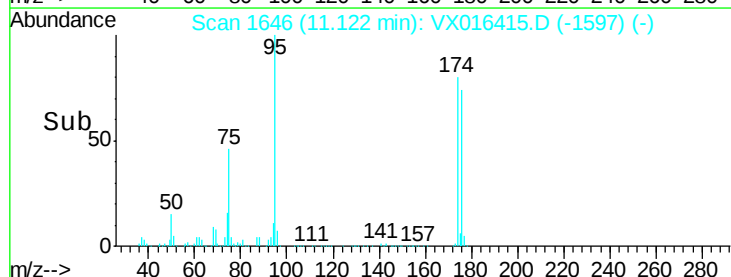
100000

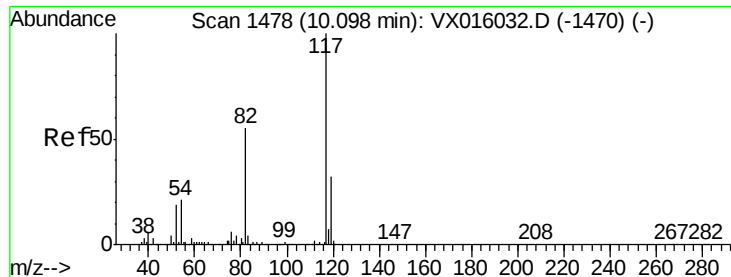
50000

0

11.10 11.20

Time-->

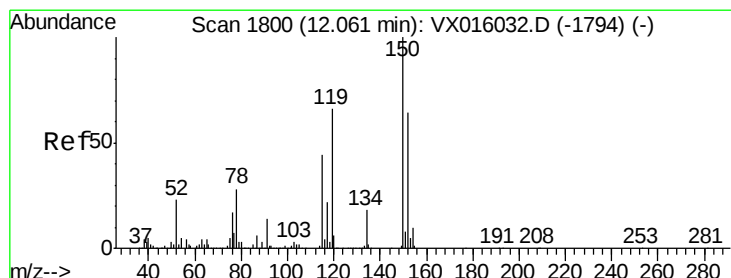
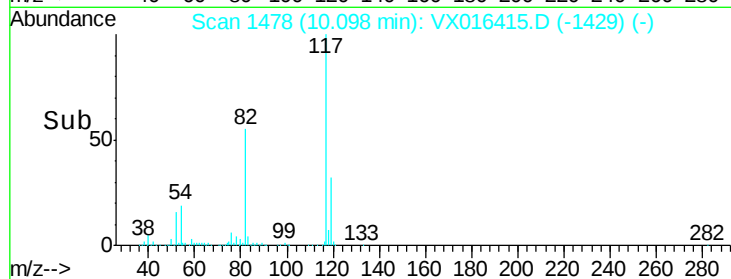
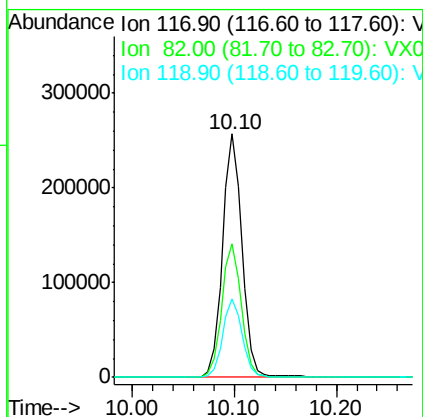
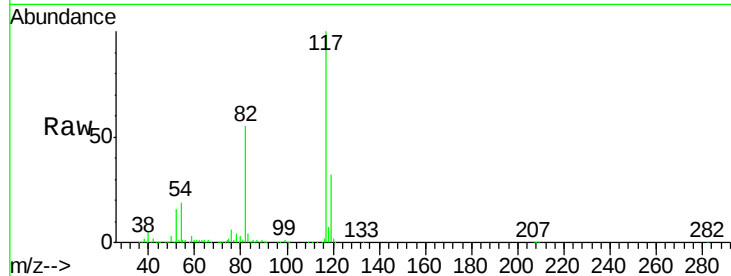




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016415.D
Acq: 22 May 2020 16:22

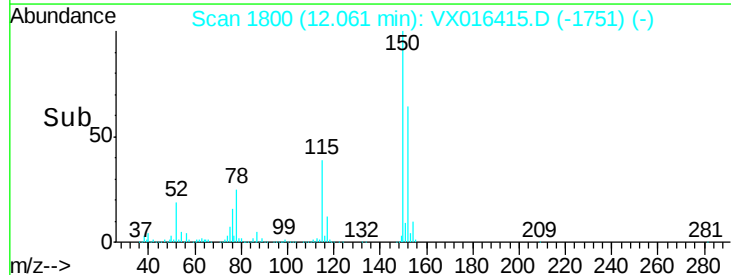
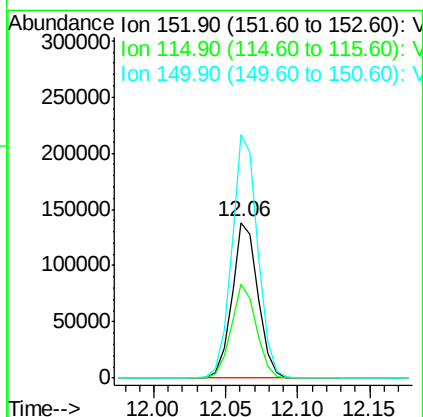
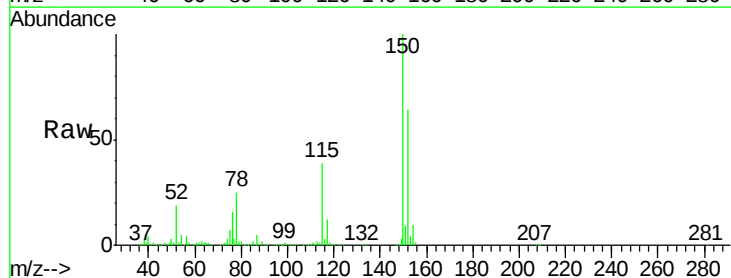
Instrument :
MSVOA_X
ClientSampleId :

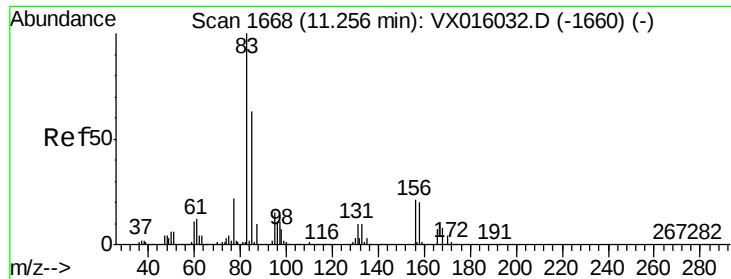
Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	44.4	66.6
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016415.D
Acq: 22 May 2020 16:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.1	41.3	124.1
150	156.9	0.0	352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.088 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.14 min

Lab File: VX016415.D

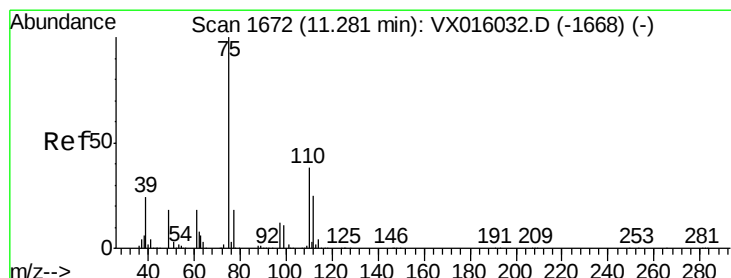
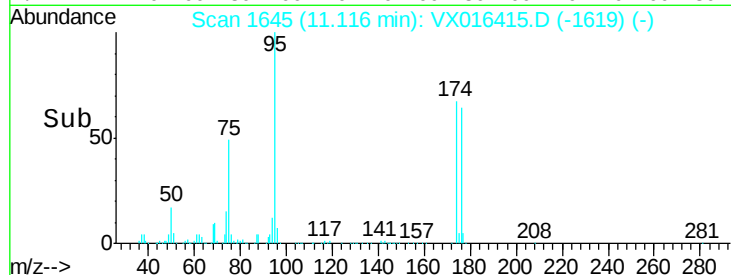
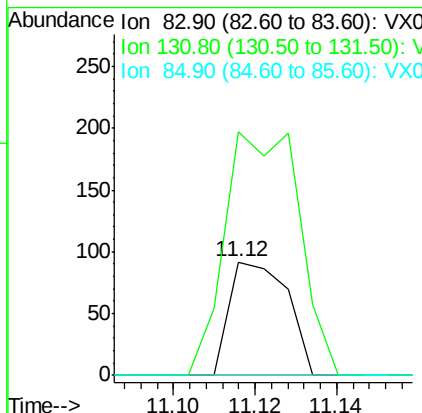
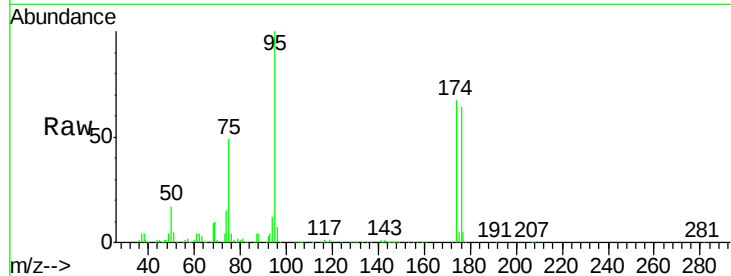
Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

ClientSampled :

Tot Ion:	83	Resp:	91
Ion	Ratio	Lower	Upper
83	100		
131	273.6	5.1	15.4#
85	0.0	32.0	96.0#



#76

1,2,3-Trichloropropane

Concen: 20.539 ug/l

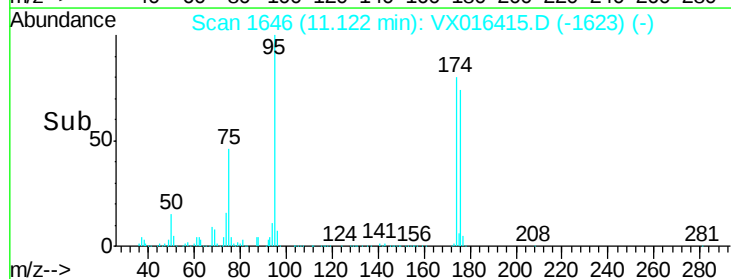
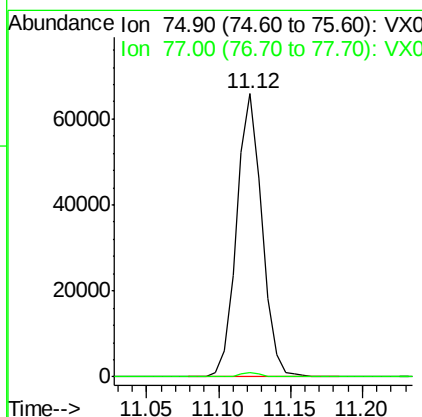
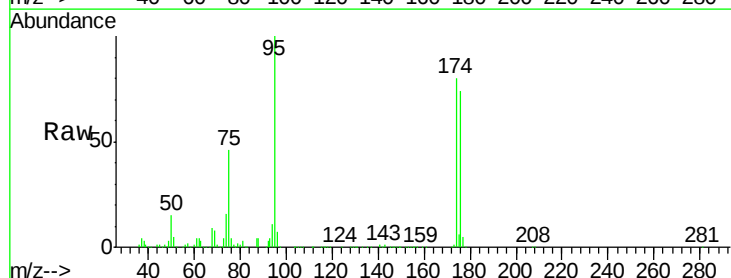
RT: 11.12 min Scan# 1646

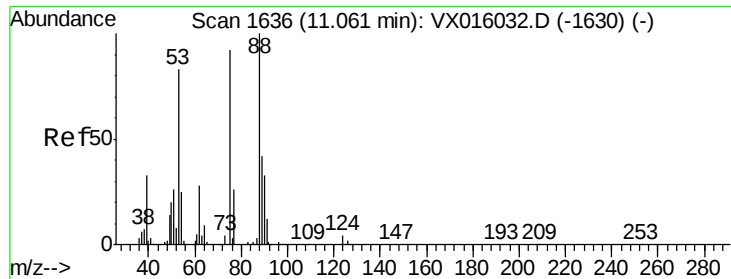
Delta R.T. -0.16 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Tgt Ion:	75	Resp:	80783
Ion	Ratio	Lower	Upper
75	100		
77	1.4	21.2	63.6#





#81

trans-1,4-Dichloro-2-butene

Concen: 48.946 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016415.D

Acq: 22 May 2020 16:22

Instrument :

MSVOA_X

ClientSampleId :

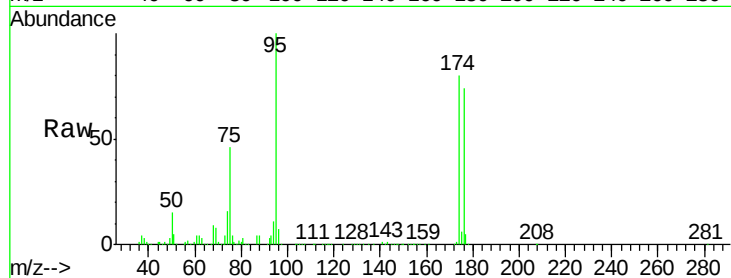
Tot Ion: 75 Resp: 80783

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

89 0.0 36.7 55.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

