

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052120\
 Data File : VX016381.D
 Acq On : 21 May 2020 14:18
 Operator : JC/SP
 Sample : L2730-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: May 22 07:39:45 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	231658	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	385779	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	379137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188035	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	132401	43.43	ug/l	0.00
Spiked Amount			Recovery	=	86.86%	
35) Dibromofluoromethane	5.47	113	109737	44.90	ug/l	0.00
Spiked Amount			Recovery	=	89.80%	
50) Toluene-d8	8.70	98	471489	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.12	95	188251	52.56	ug/l	0.00
Spiked Amount			Recovery	=	105.12%	

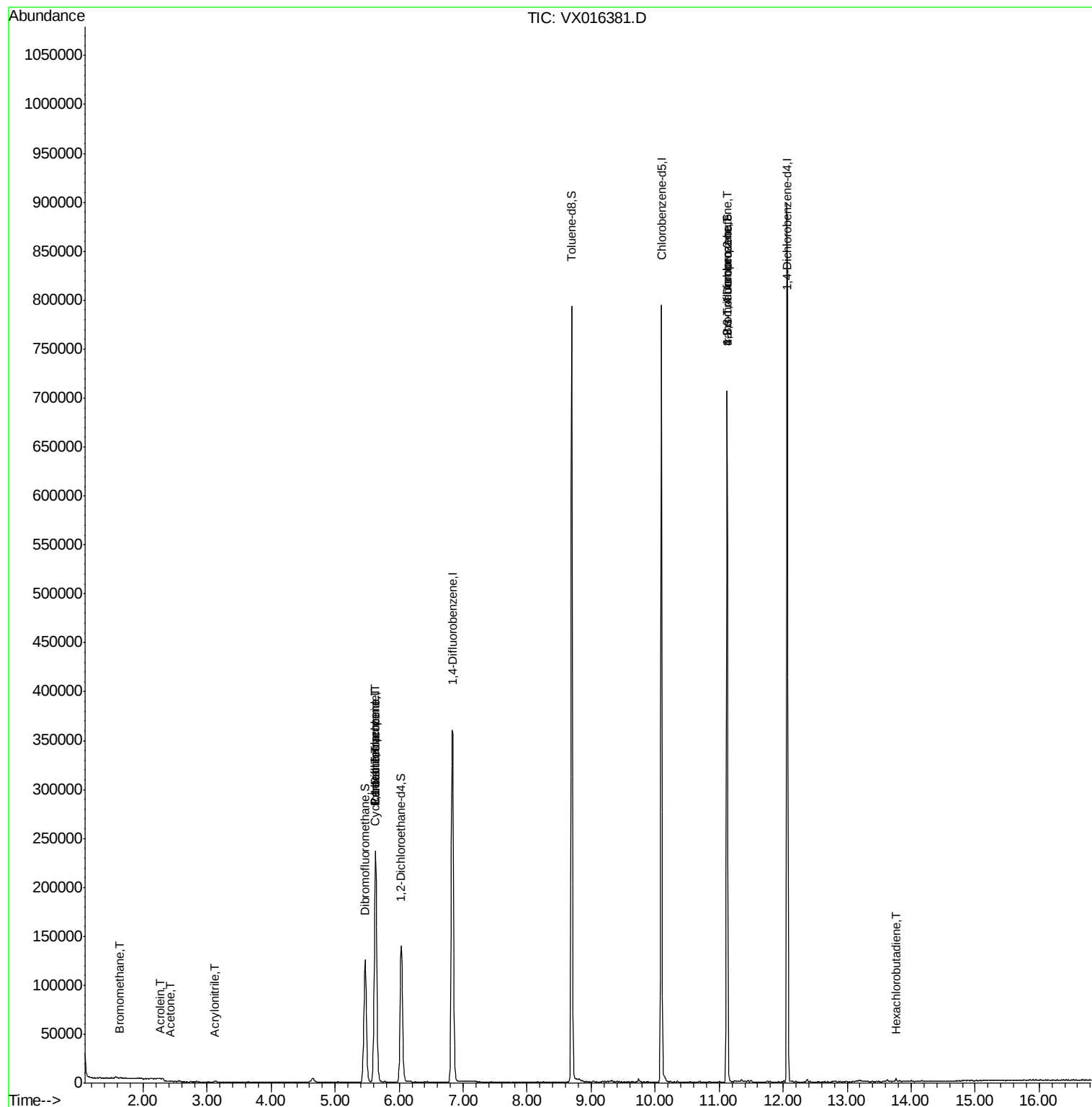
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	469	0.306	ug/l	82
13) Acrolein	2.27	56	280	0.580	ug/l #	76
15) Acrylonitrile	3.12	53	433	0.271	ug/l	92
16) Acetone	2.42	43	546	0.401	ug/l #	43
17) Carbon Disulfide	2.56	76	1468	Below Cal	#	82
31) Cyclohexane	5.62	56	4150	0.980	ug/l #	3
36) 1,1-Dichloropropene	5.63	75	16253	4.280	ug/l #	49
38) Carbon Tetrachloride	5.64	117	22299	5.777	ug/l #	14
76) 1,2,3-Trichloropropane	11.12	75	89802	21.046	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	89802	50.154	ug/l #	13
94) Hexachlorobutadiene	13.76	225	478	0.767	ug/l	87

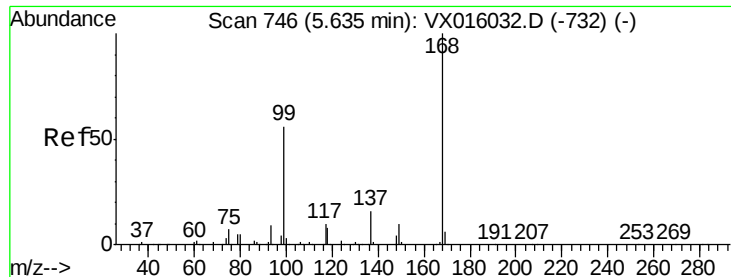
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX052120\
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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: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

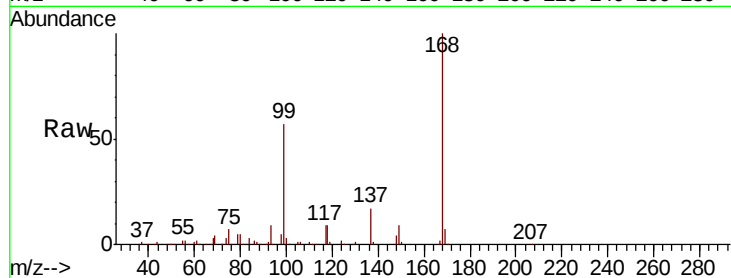
ClientSampleId :

Tot Ion:168 Resp: 231658

Ion Ratio Lower Upper

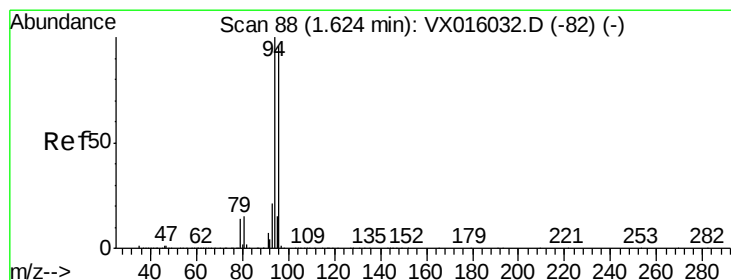
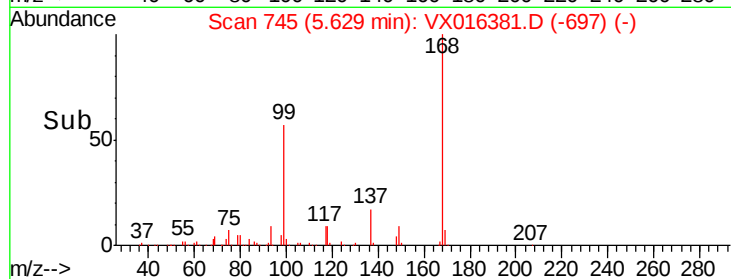
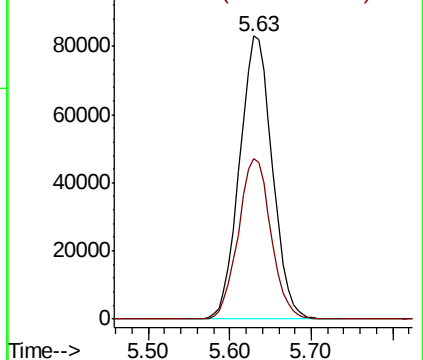
168 100

99 56.5 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.306 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.02 min

Lab File: VX016381.D

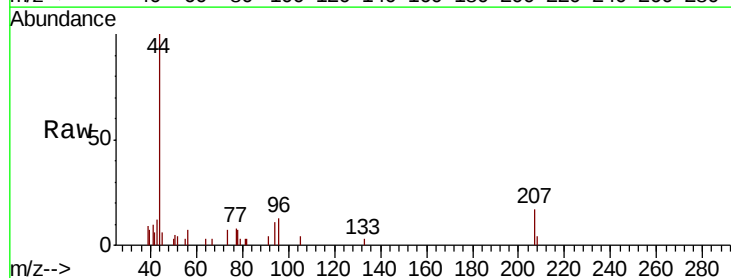
Acq: 21 May 2020 14:18

Tgt Ion: 94 Resp: 469

Ion Ratio Lower Upper

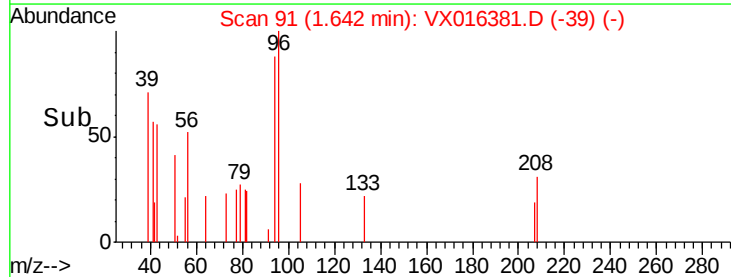
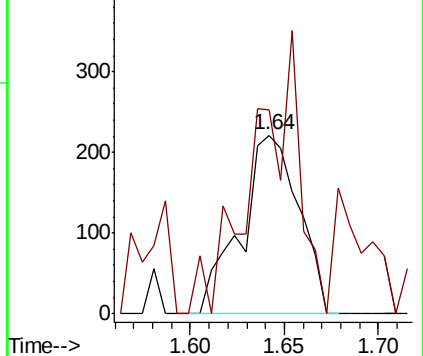
94 100

96 114.0 76.9 115.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#13

Acrolein

Concen: 0.580 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

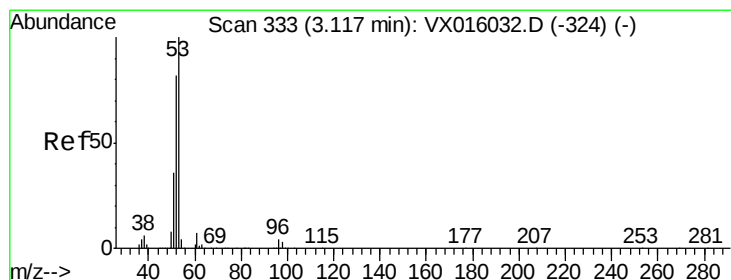
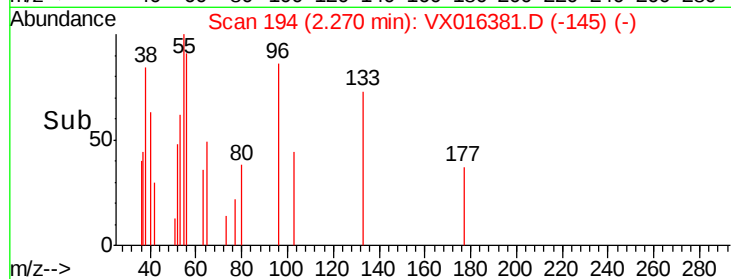
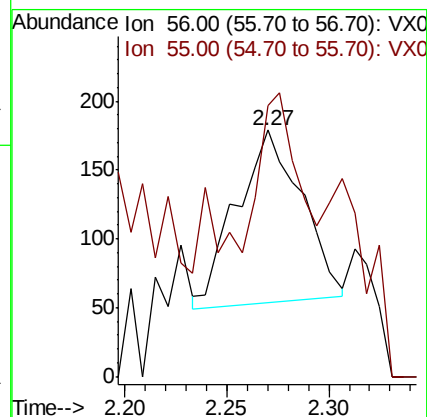
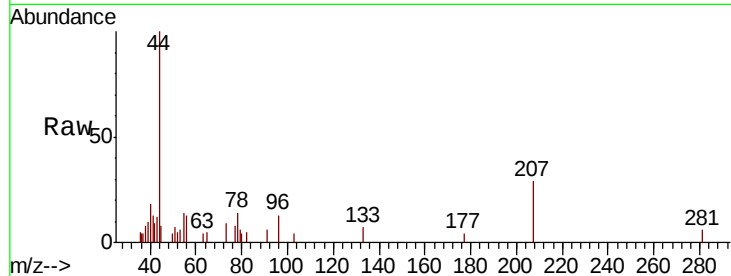
ClientSampleId :

Tot Ion: 56 Resp: 280

Ion Ratio Lower Upper

56 100

55 50.7 56.5 84.7#



#15

Acrylonitrile

Concen: 0.271 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

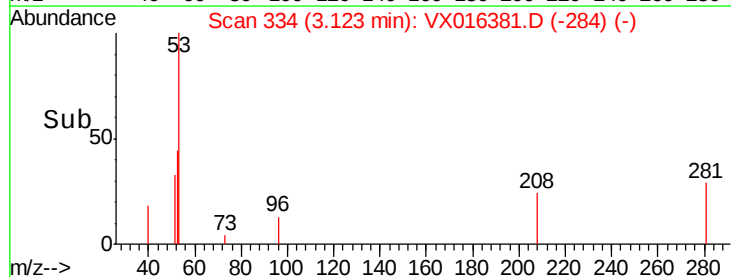
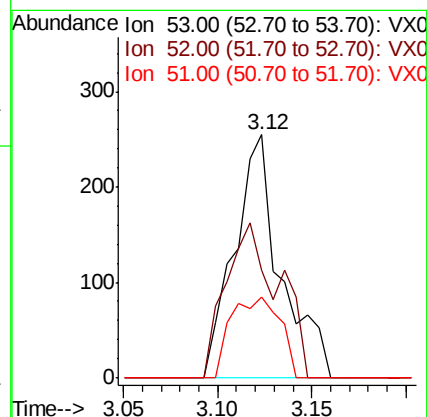
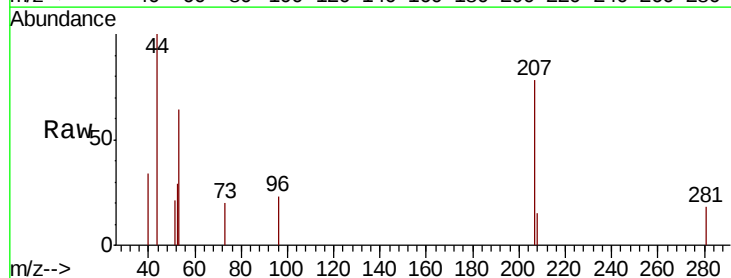
Tgt Ion: 53 Resp: 433

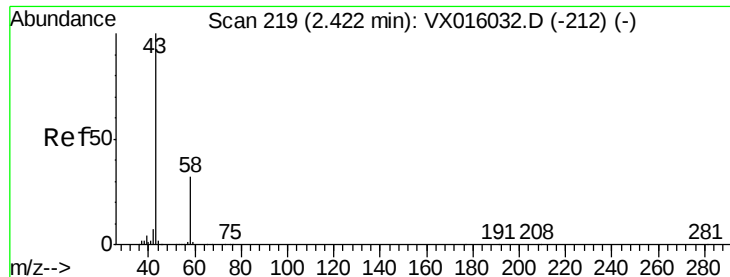
Ion Ratio Lower Upper

53 100

52 73.2 66.1 99.1

51 35.3 28.8 43.2





#16

Acetone

Concen: 0.401 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

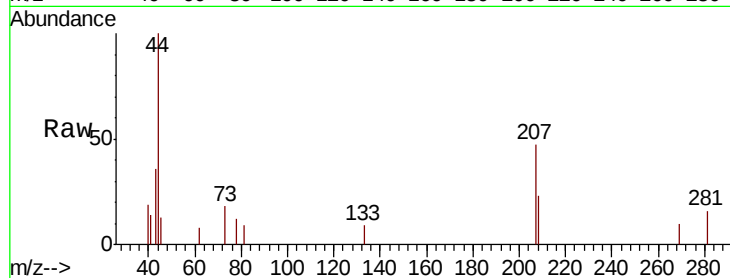
ClientSampled :

Tot Ion: 43 Resp: 546

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

2.42

200

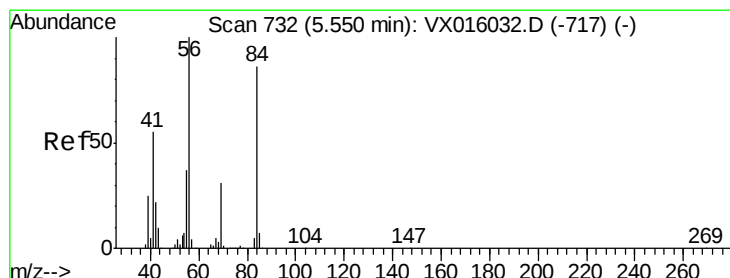
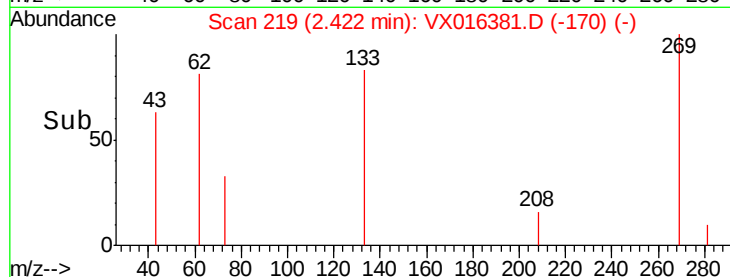
150

100

50

0

Time-->



#31

Cyclohexane

Concen: 0.980 ug/l

RT: 5.62 min Scan# 743

Delta R.T. 0.07 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

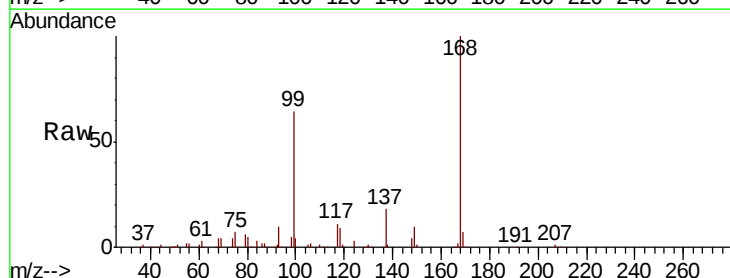
Tgt Ion: 56 Resp: 4150

Ion Ratio Lower Upper

56 100

69 153.7 25.0 37.6#

84 133.4 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

4000

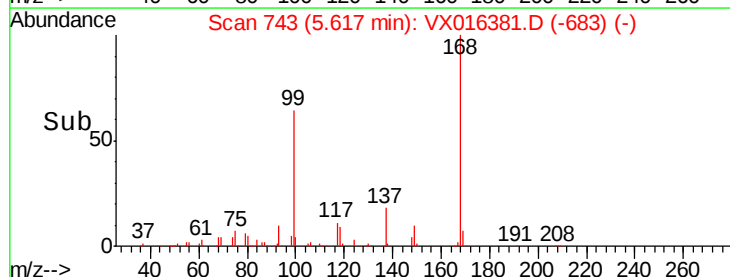
3000

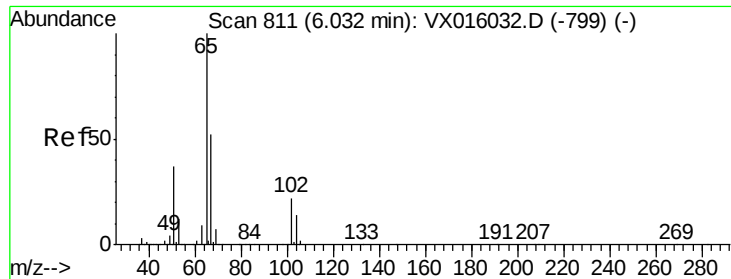
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.433 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

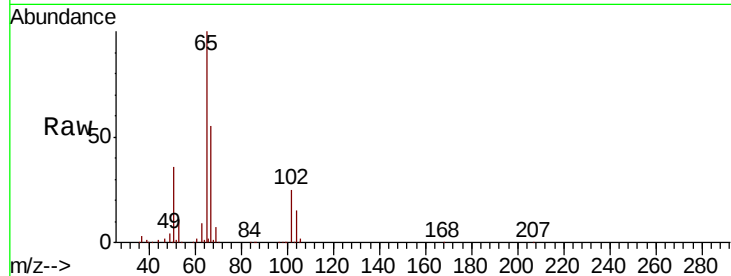
ClientSampled :

Tot Ion: 65 Resp: 132401

Ion Ratio Lower Upper

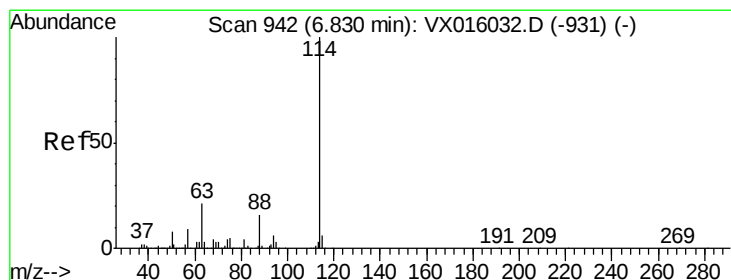
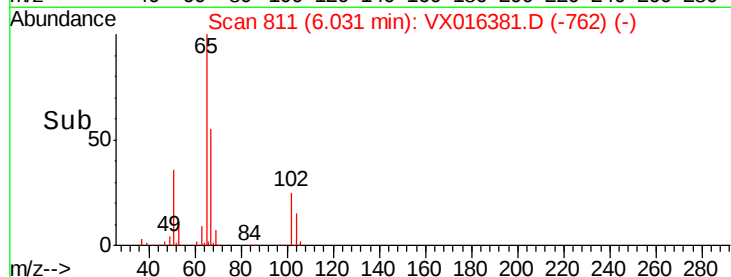
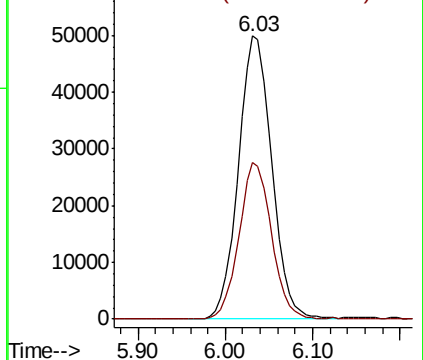
65 100

67 53.9 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: VX016381.D

Acq: 21 May 2020 14:18

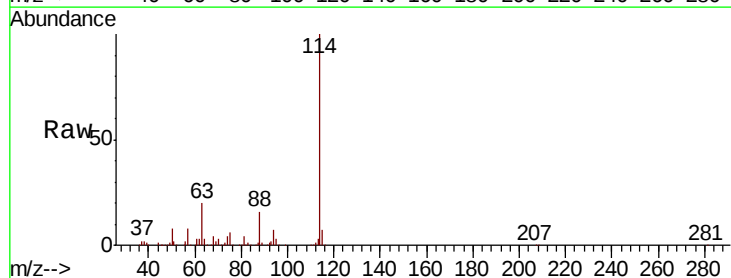
Tgt Ion: 114 Resp: 385779

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

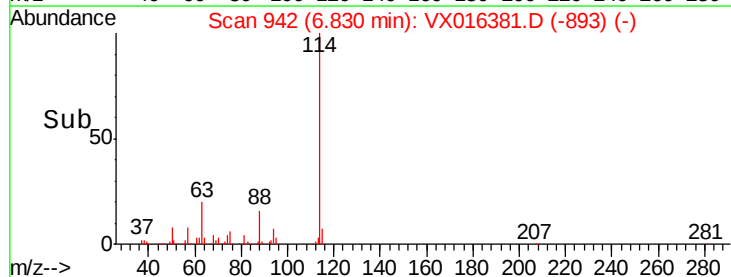
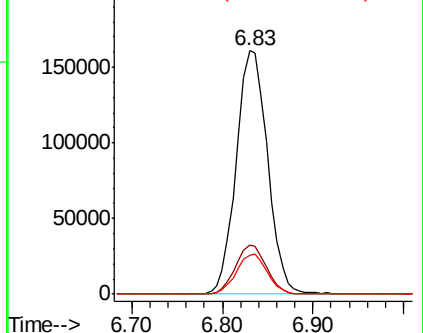
88 16.1 0.0 31.4

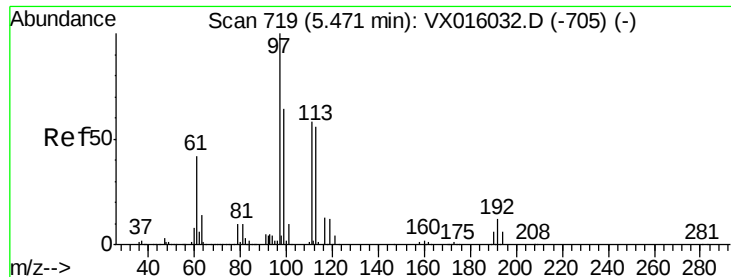


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

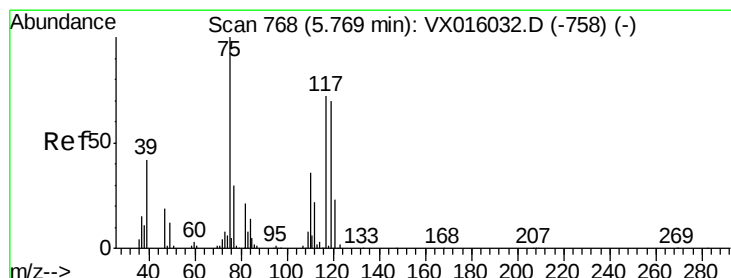
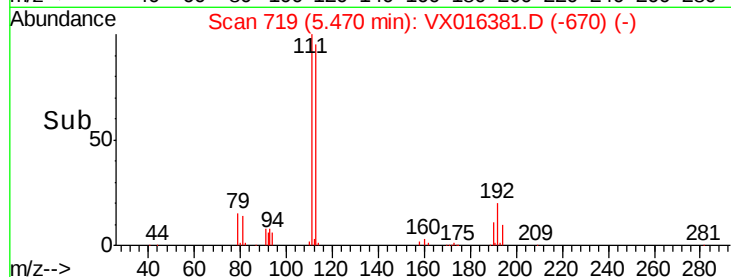
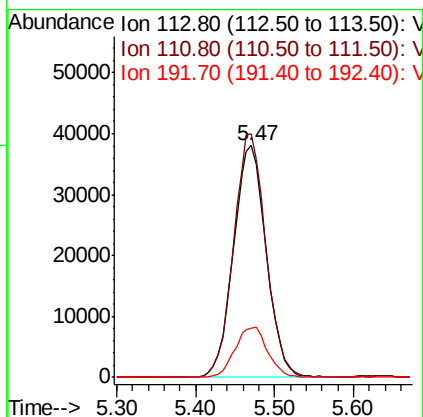
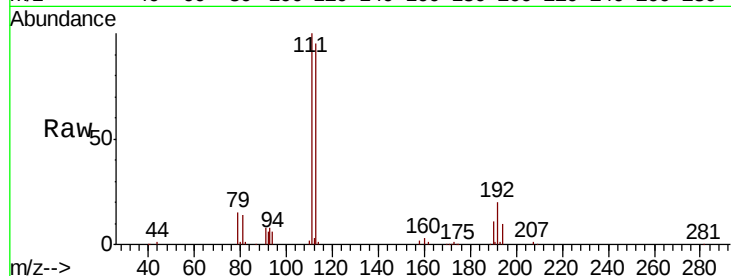




#35
 Dibromofluoromethane
 Concen: 44.899 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016381.D
 Acq: 21 May 2020 14:18

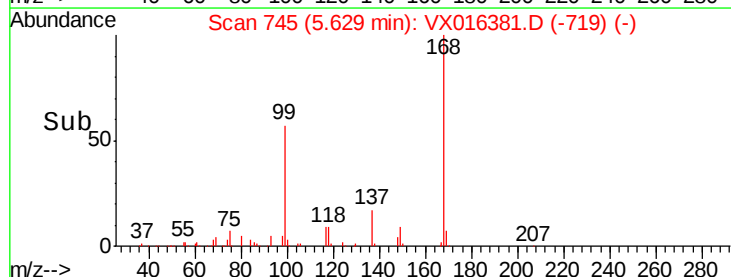
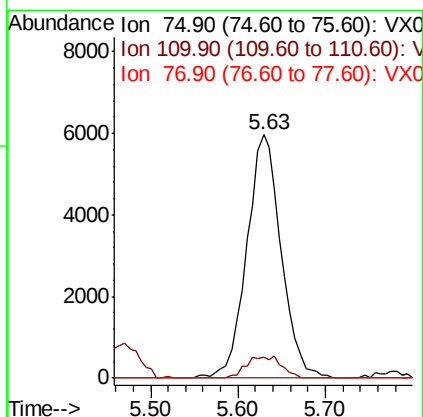
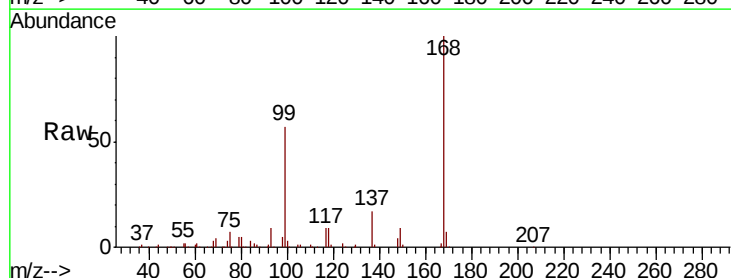
Instrument :
 MSVOA_X
 ClientSampled :

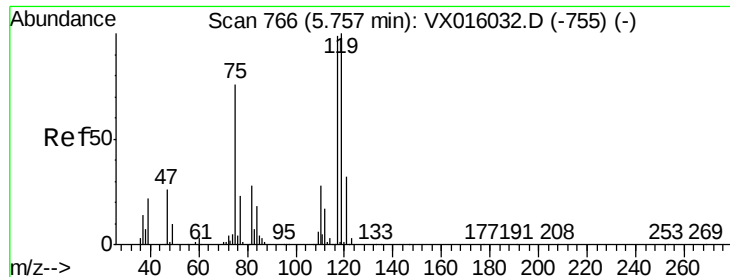
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.6	122.4
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.280 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016381.D
 Acq: 21 May 2020 14:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.1#
77	0.0	25.0	37.6#

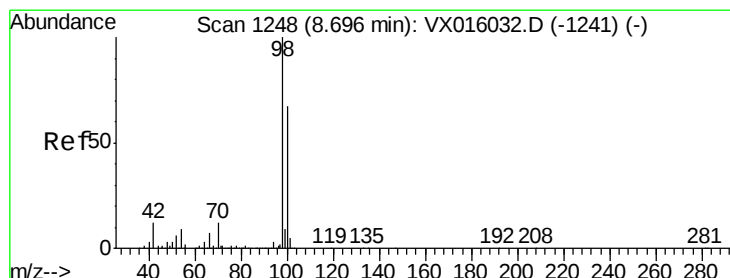
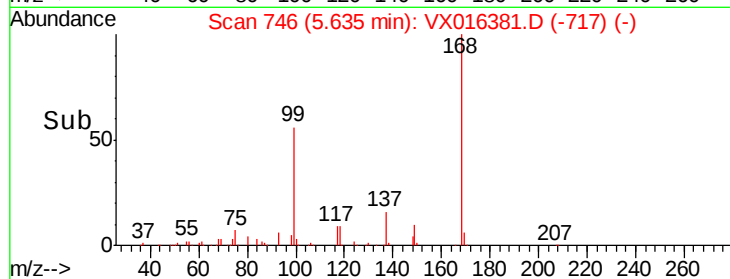
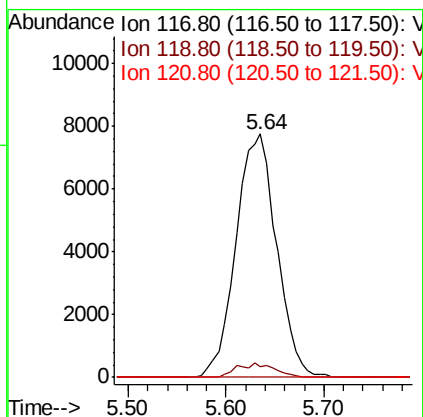
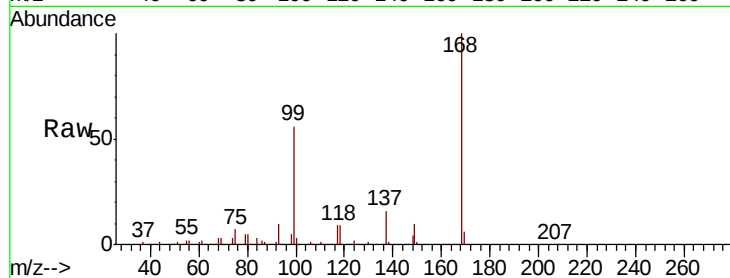




#38
Carbon Tetrachloride
Concen: 5.777 ug/l
RT: 5.64 min Scan# 746
Delta R.T. -0.12 min
Lab File: VX016381.D
Acq: 21 May 2020 14:18

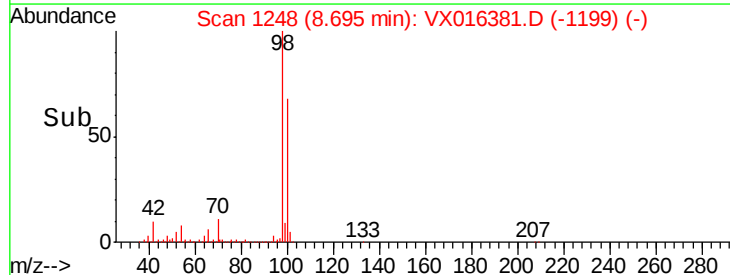
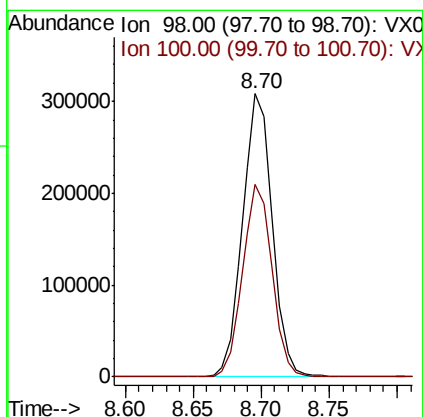
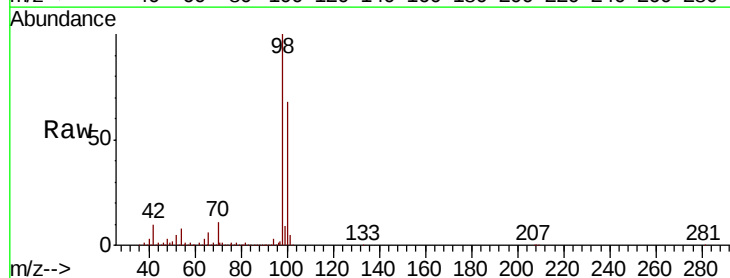
Instrument :
MSVOA_X
ClientSampled :

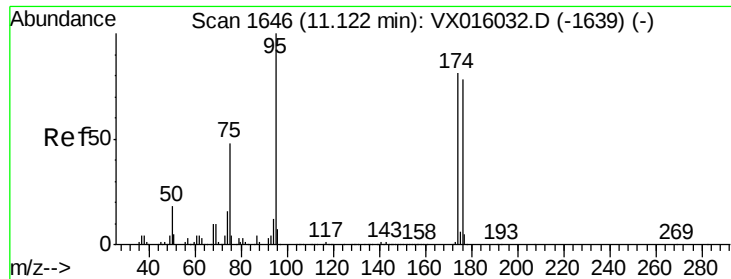
Tot Ion:117 Resp: 22299
Ion Ratio Lower Upper
117 100
119 4.6 80.3 120.5#
121 0.0 25.7 38.5#



#50
Toluene-d8
Concen: 50.067 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016381.D
Acq: 21 May 2020 14:18

Tgt Ion: 98 Resp: 471489
Ion Ratio Lower Upper
98 100
100 67.6 53.7 80.5





#62

4-Bromofluorobenzene

Concen: 52.557 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

ClientSampleId :

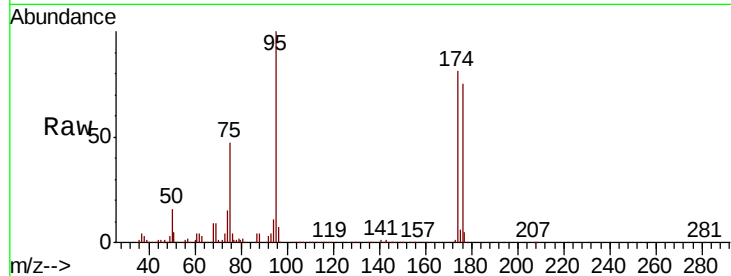
Tot Ion: 95 Resp: 188251

Ion Ratio Lower Upper

95 100

174 81.7 0.0 159.4

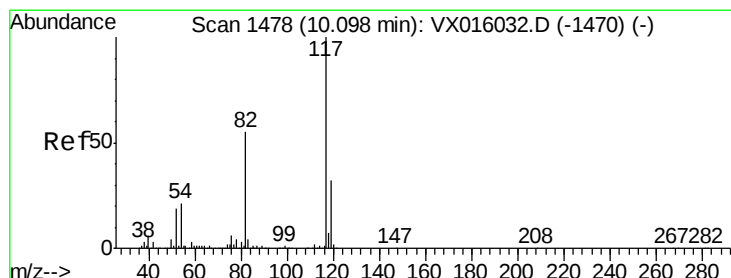
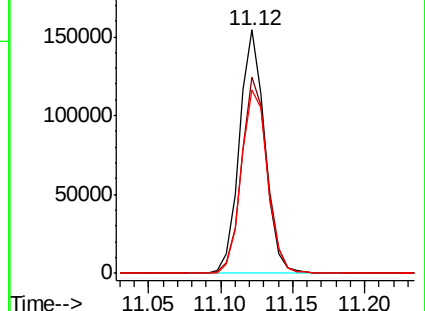
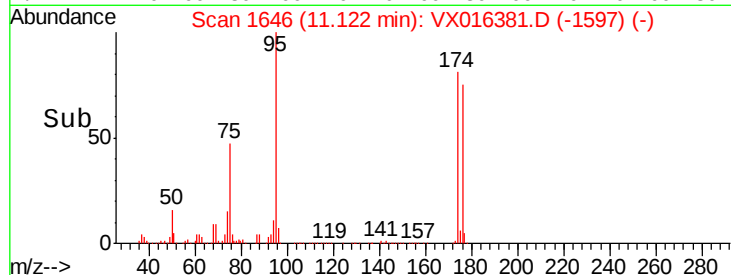
176 78.5 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016381.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016381.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016381.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

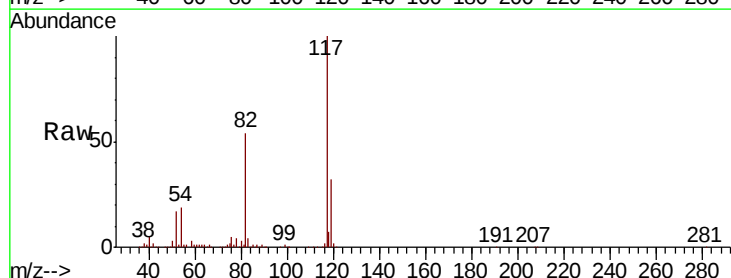
Tgt Ion: 117 Resp: 379137

Ion Ratio Lower Upper

117 100

82 53.6 44.4 66.6

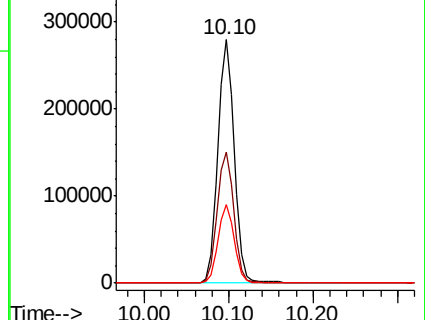
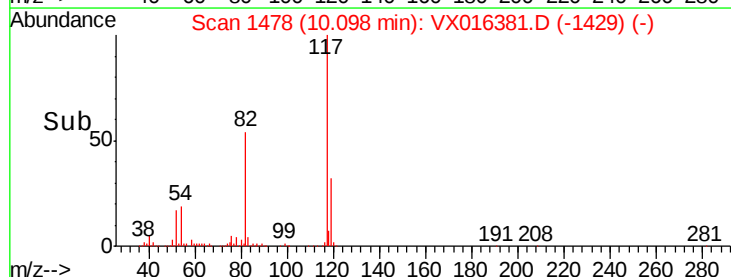
119 32.4 25.5 38.3

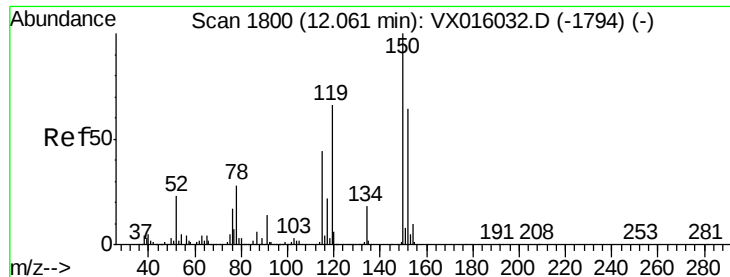


Abundance Ion 116.90 (116.60 to 117.60): VX016381.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016381.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016381.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

ClientSampleId :

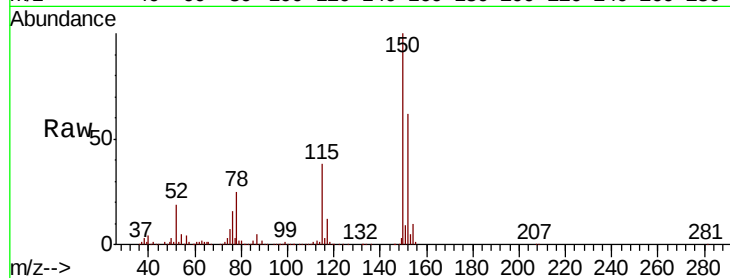
Tot Ion:152 Resp: 188035

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

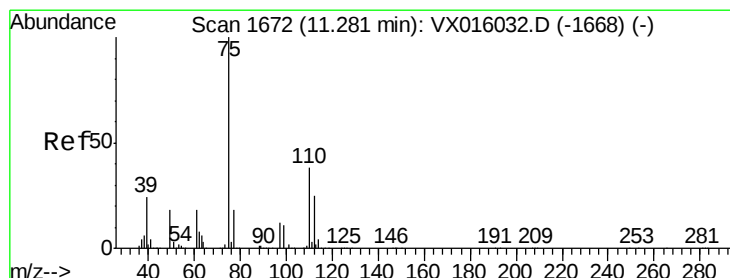
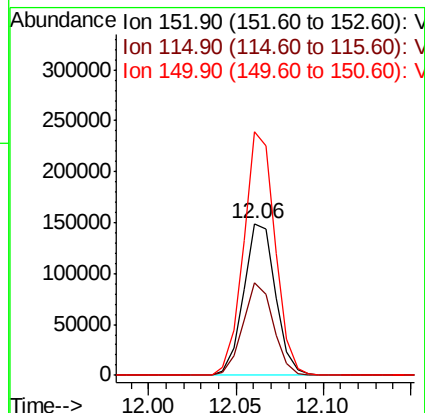
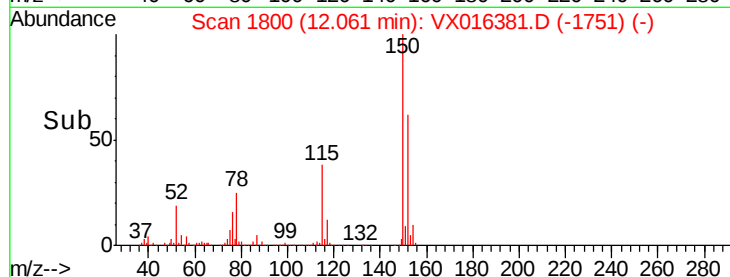
150 158.3 0.0 352.2



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: 21.046 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016381.D

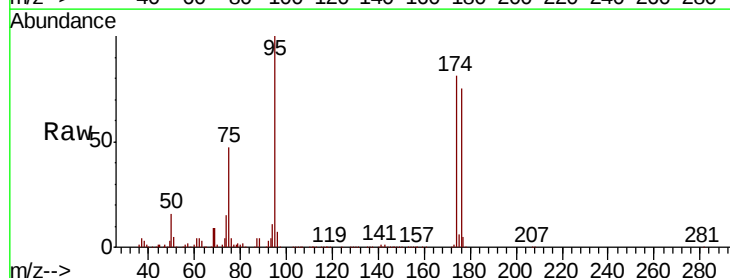
Acq: 21 May 2020 14:18

Tgt Ion: 75 Resp: 89802

Ion Ratio Lower Upper

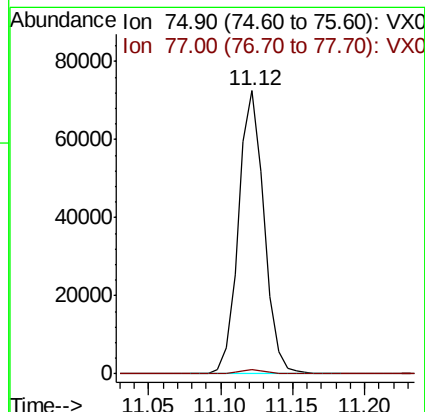
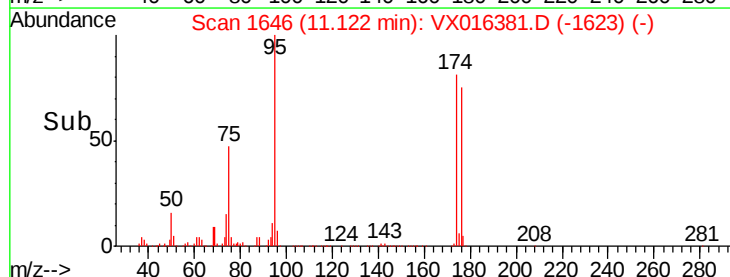
75 100

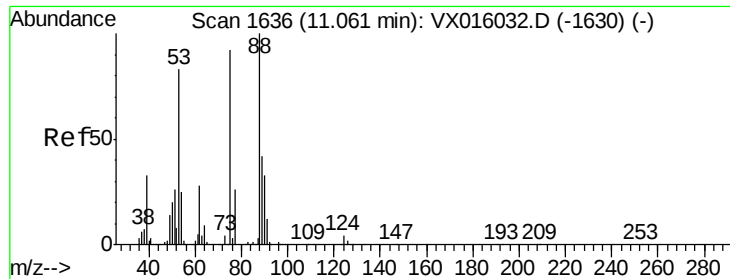
77 1.4 21.2 63.6#



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: 50.154 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

Instrument :

MSVOA_X

ClientSampled :

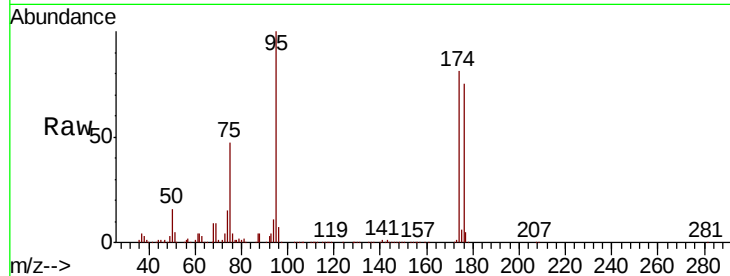
Tot Ion: 75 Resp: 89802

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

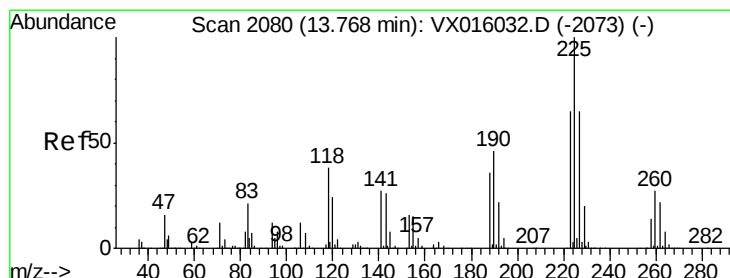
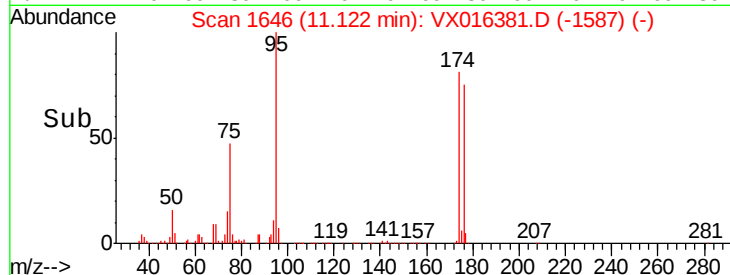
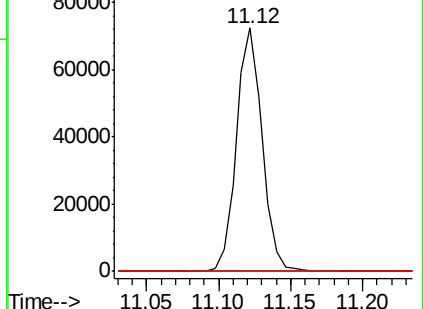
89 0.0 36.7 55.1#



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



#94

Hexachlorobutadiene

Concen: 0.767 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016381.D

Acq: 21 May 2020 14:18

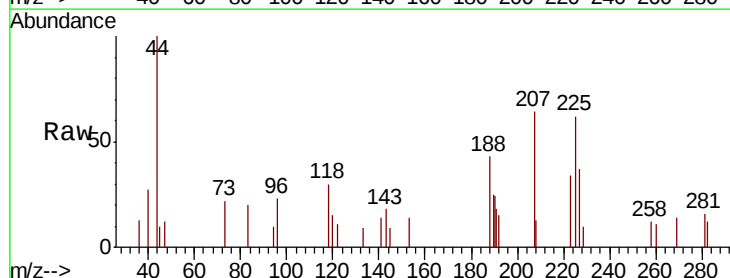
Tgt Ion: 225 Resp: 478

Ion Ratio Lower Upper

225 100

223 79.9 32.3 96.9

227 68.6 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

