

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016277.D
 Acq On : 15 May 2020 13:54
 Operator : JC/SP
 Sample : L2642-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 400513792-TRIP-BLANK

Quant Time: May 16 06:42:15 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	258198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	423124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211459	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	154012	45.33	ug/l	0.00
Spiked Amount			Recovery	=	90.66%	
35) Dibromofluoromethane	5.47	113	123656	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	8.70	98	530530	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
62) 4-Bromofluorobenzene	11.12	95	211645	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	

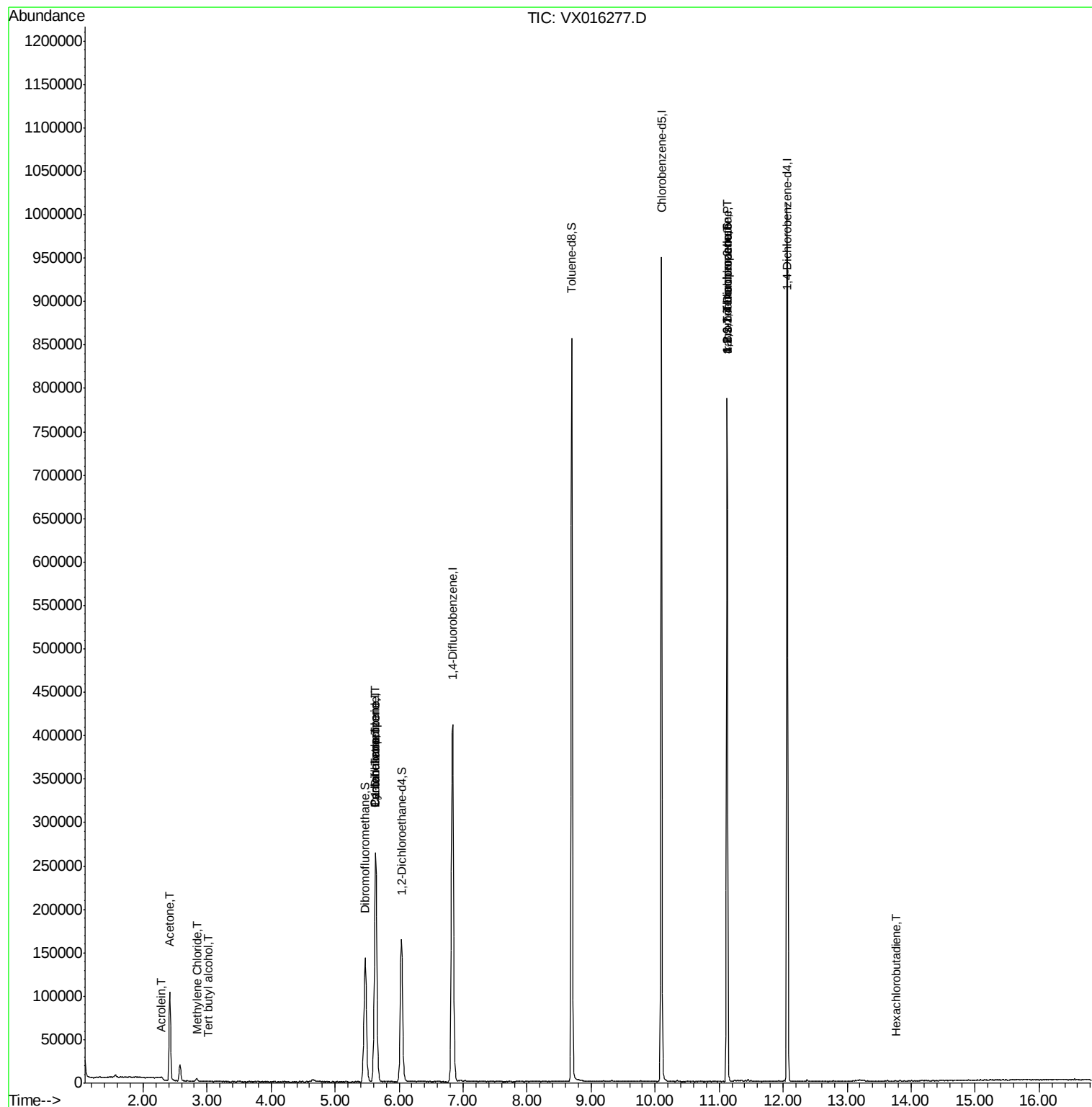
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	3.01	59	203	0.236	ug/l #	72
13) Acrolein	2.28	56	392	0.729	ug/l #	65
16) Acetone	2.42	43	104826	69.147	ug/l	96
17) Carbon Disulfide	2.56	76	1260	Below Cal	#	89
20) Methylene Chloride	2.84	84	1660	0.531	ug/l #	76
31) Cyclohexane	5.63	56	4851	1.028	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18957	4.551	ug/l #	49
38) Carbon Tetrachloride	5.63	117	24878	5.876	ug/l #	14
75) 1,1,2,2-Tetrachloroethane	11.13	83	171	2.109	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	103699	21.611	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	103699	51.500	ug/l #	13
94) Hexachlorobutadiene	13.76	225	73	0.557	ug/l #	57

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

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

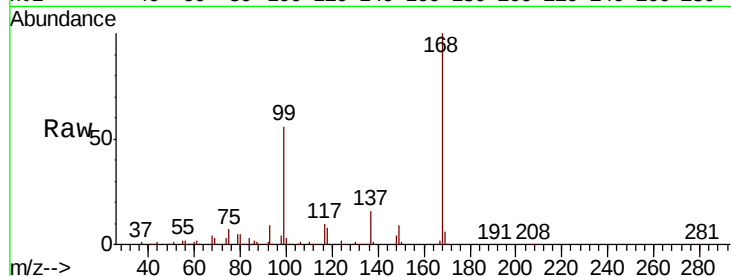
400513792-TRIP-BLANK

Tot Ion:168 Resp: 258198

Ion Ratio Lower Upper

168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

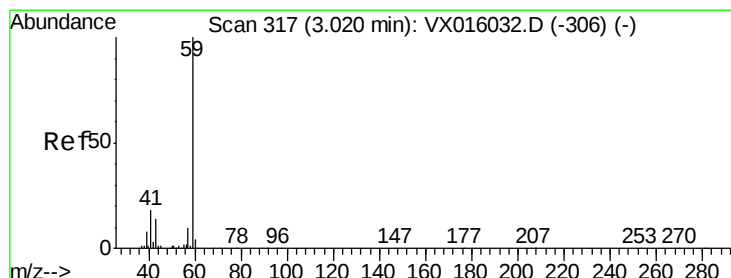
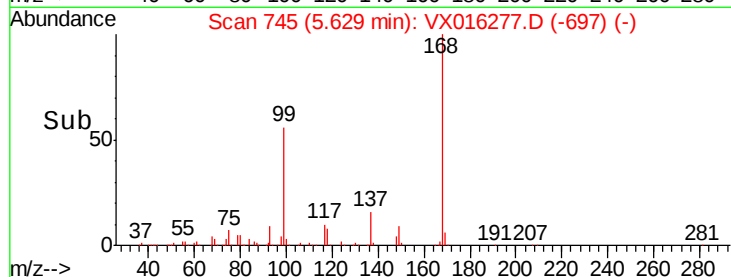
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 0.236 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX016277.D

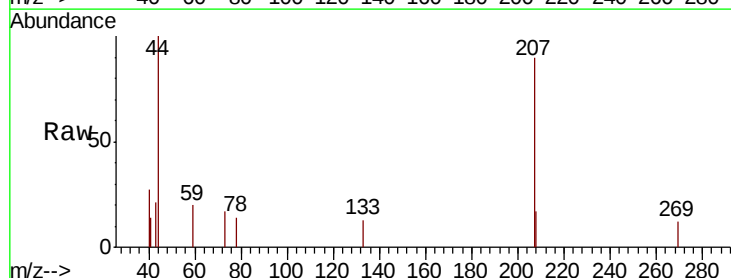
Acq: 15 May 2020 13:54

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

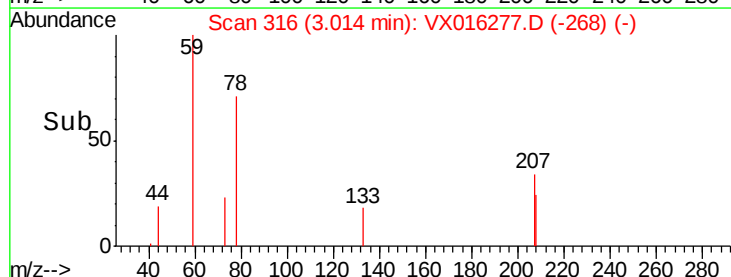
3.01

100

50

0

Time-->





#13

Acrolein

Concen: 0.729 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

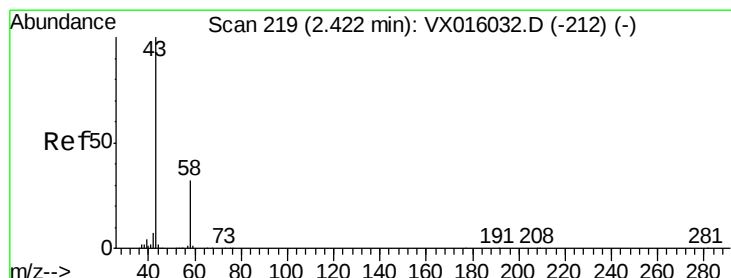
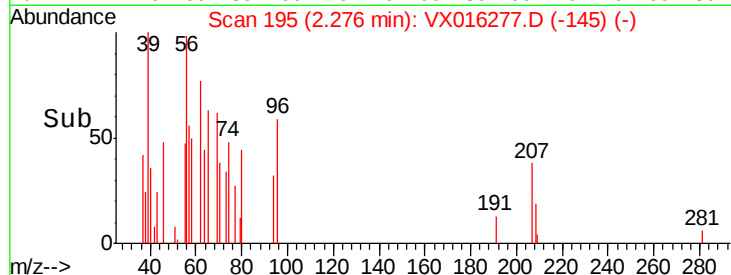
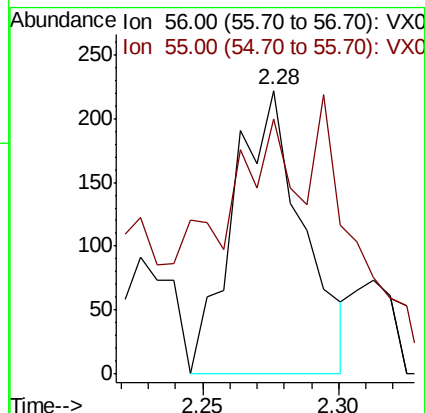
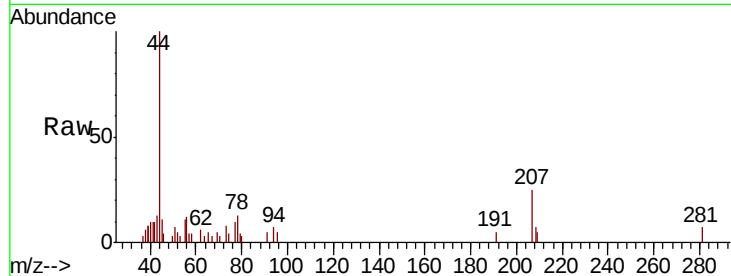
400513792-TRIP-BLANK

Tot Ion: 56 Resp: 392

Ion Ratio Lower Upper

56 100

55 41.8 56.5 84.7#



#16

Acetone

Concen: 69.147 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016277.D

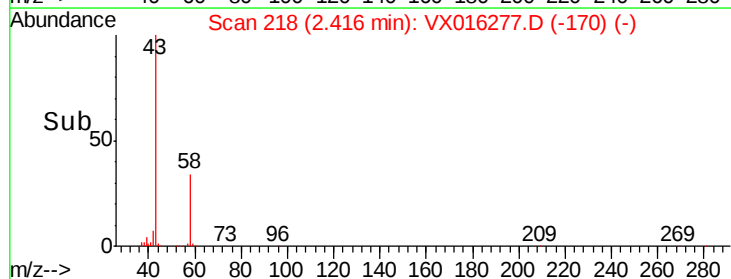
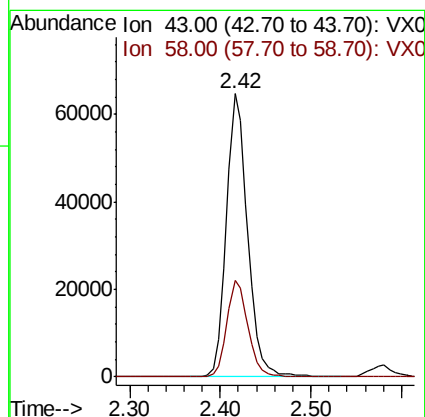
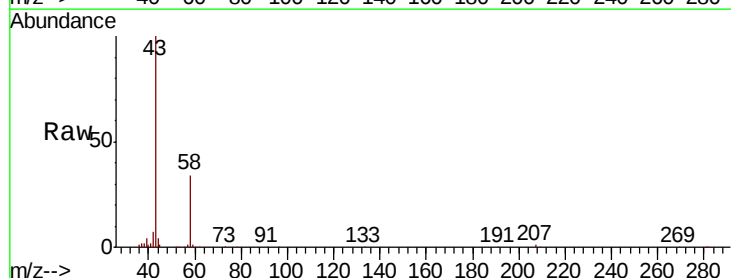
Acq: 15 May 2020 13:54

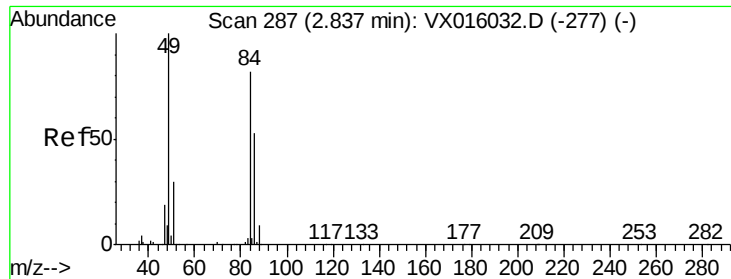
Tgt Ion: 43 Resp: 104826

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.0

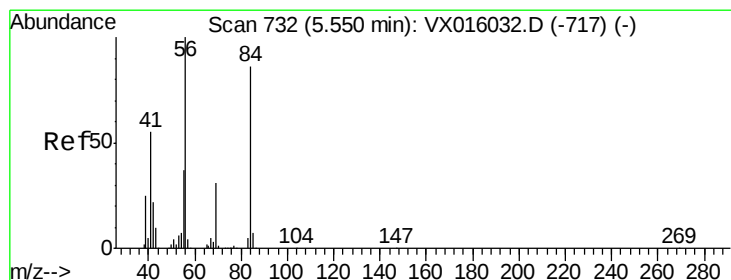
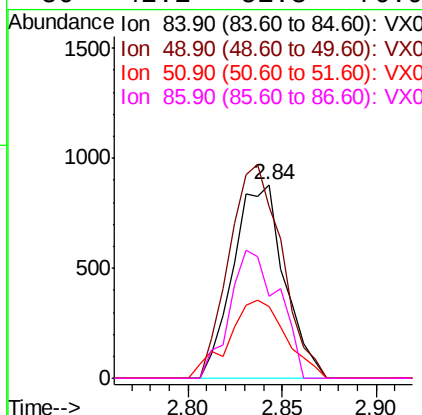
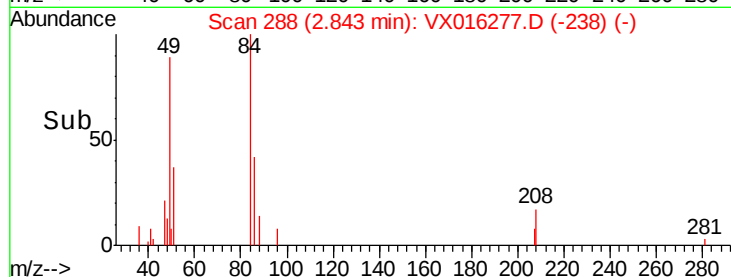
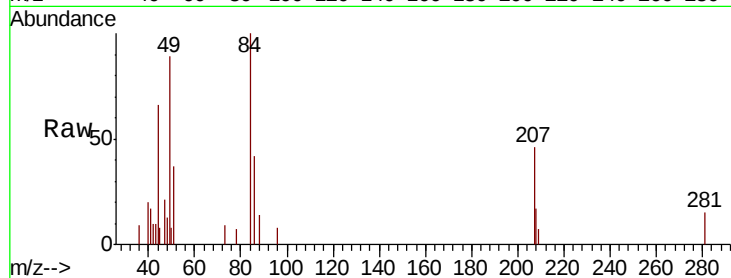




#20
Methvlene Chloride
Concen: 0.531 ug/l
RT: 2.84 min Scan# 288
Delta R.T. 0.01 min
Lab File: VX016277.D
Acq: 15 May 2020 13:54

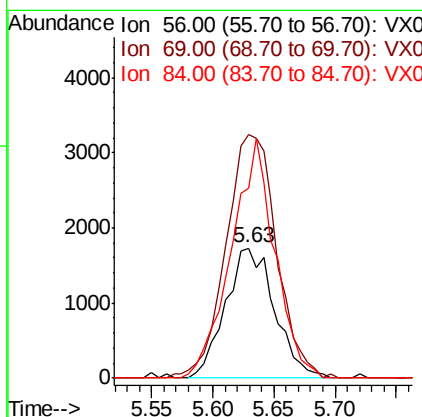
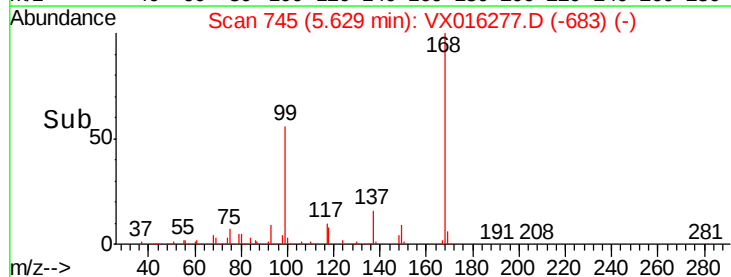
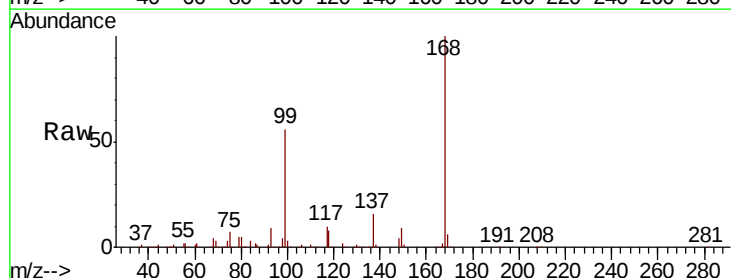
Instrument :
MSVOA_X
ClientSampleId :
400513792-TRIP-BLANK

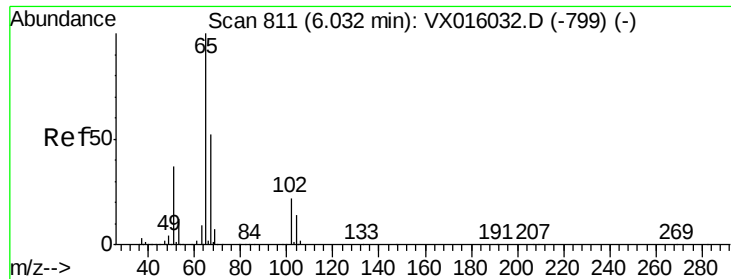
Tot Ion: 84 Resp: 1660
Ion Ratio Lower Upper
84 100
49 88.9 97.3 145.9#
51 36.9 29.3 43.9
86 42.1 51.3 76.9#



#31
Cyclohexane
Concen: 1.028 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016277.D
Acq: 15 May 2020 13:54

Tgt Ion: 56 Resp: 4851
Ion Ratio Lower Upper
56 100
69 187.1 25.0 37.6#
84 145.6 69.0 103.6#





#33

1,2-Dichloroethane-d4

Concen: 45.329 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

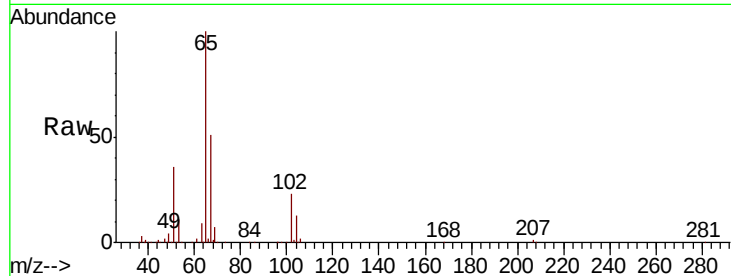
400513792-TRIP-BLANK

Tot Ion: 65 Resp: 154012

Ion Ratio Lower Upper

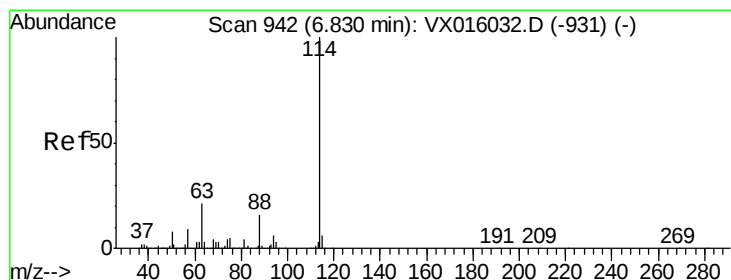
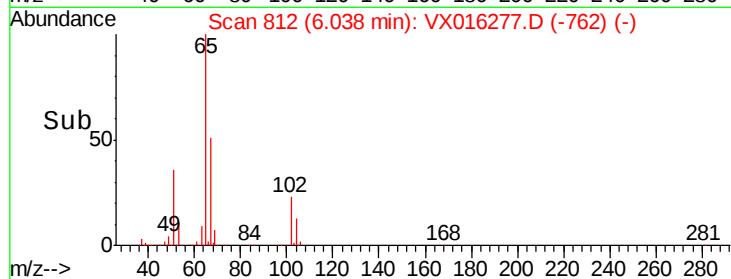
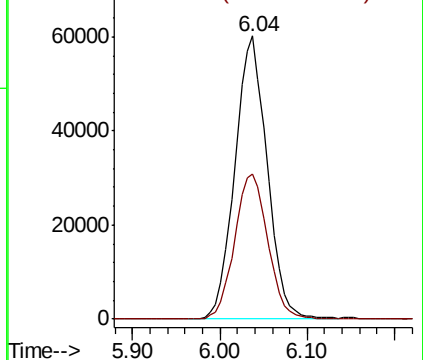
65 100

67 53.0 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

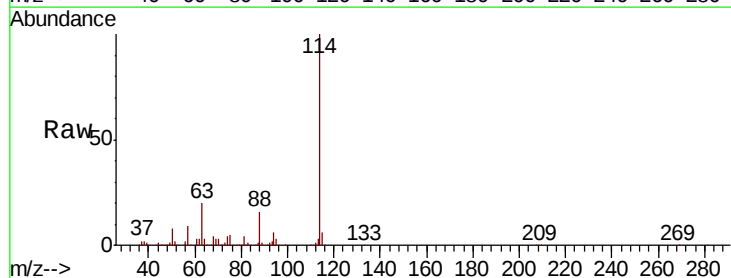
Tgt Ion: 114 Resp: 423124

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.8

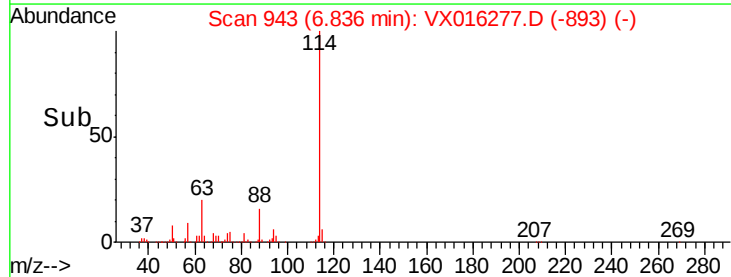
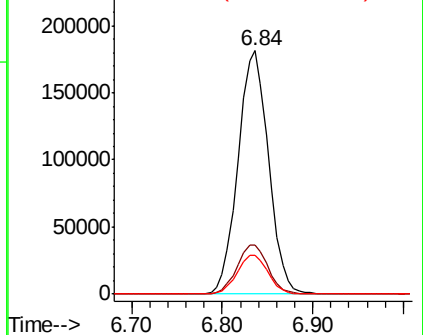
88 15.8 0.0 31.4

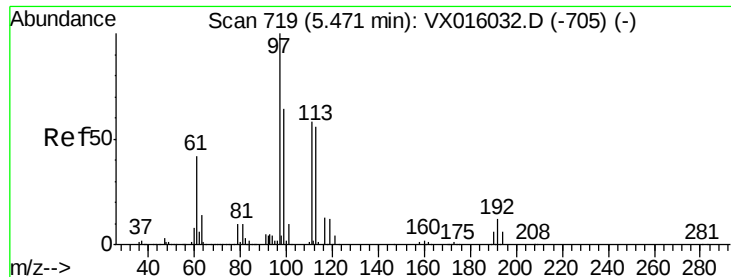


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.129 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

400513792-TRIP-BLANK

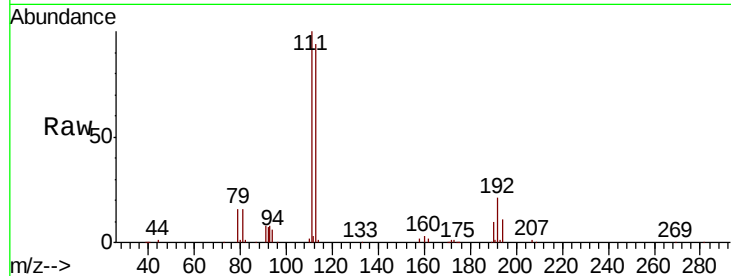
Tot Ion:113 Resp: 123656

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

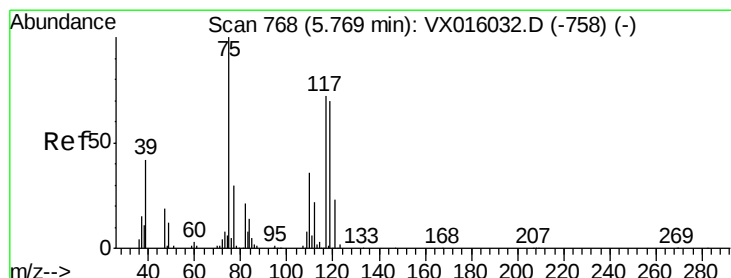
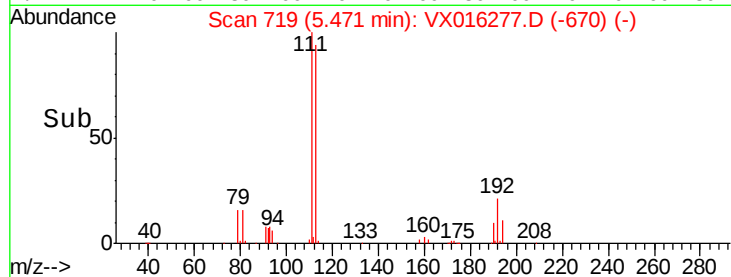
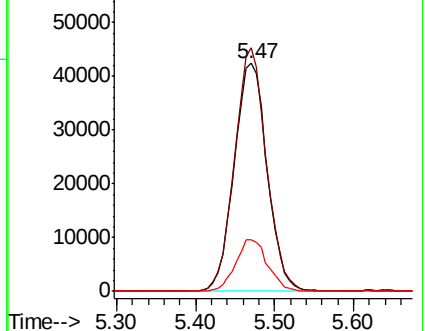
192 22.1 17.0 25.4



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: 4.551 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

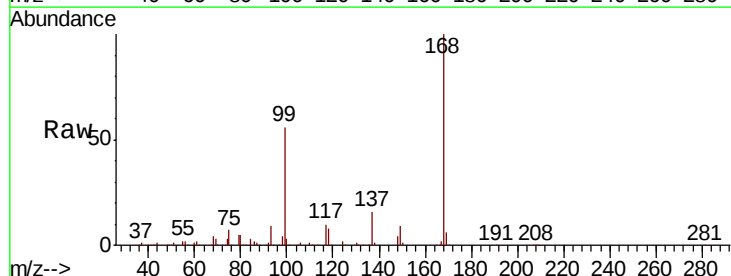
Tgt Ion: 75 Resp: 18957

Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.1#

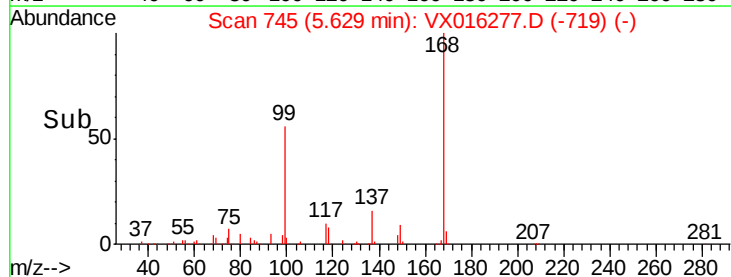
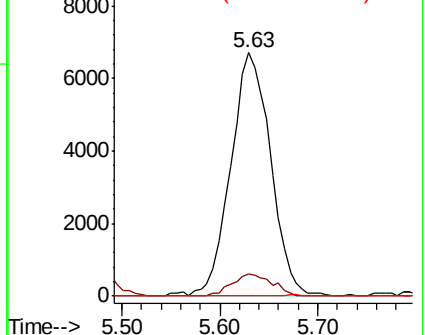
77 0.0 25.0 37.6#

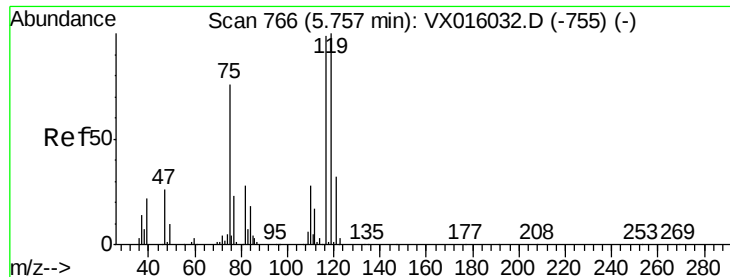


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

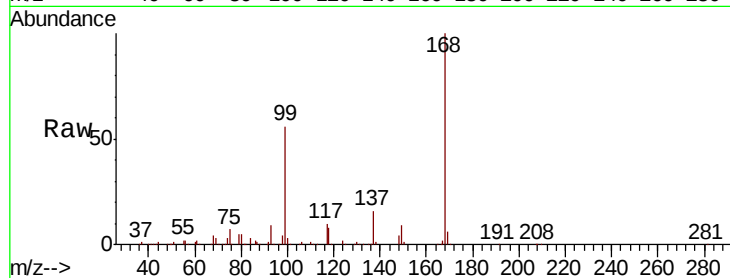




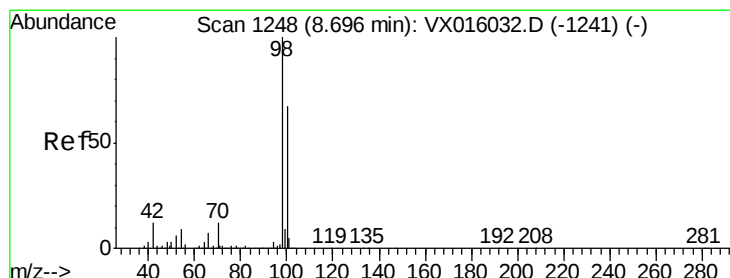
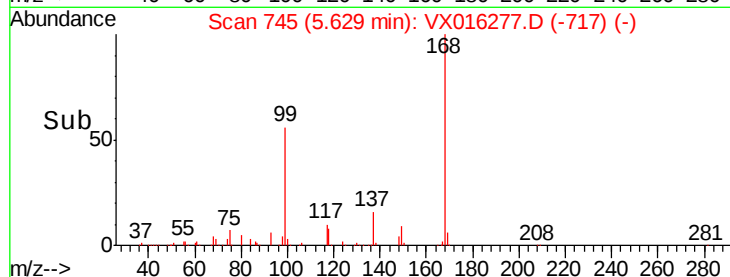
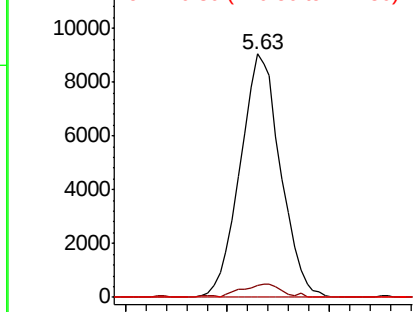
#38
Carbon Tetrachloride
Concen: 5.876 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016277.D
Acq: 15 May 2020 13:54

Instrument :
MSVOA_X
ClientSampleId :
400513792-TRIP-BLANK

Tot Ion:117 Resp: 24878
Ion Ratio Lower Upper
117 100
119 4.9 80.3 120.5#
121 0.0 25.7 38.5#

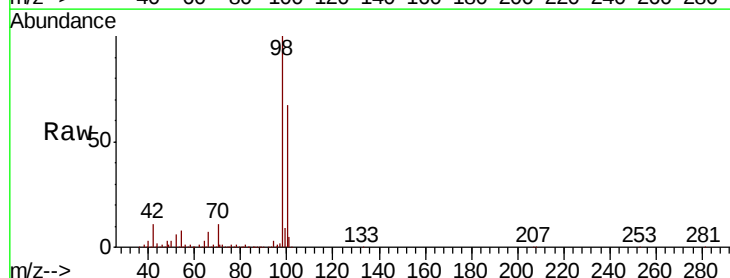


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

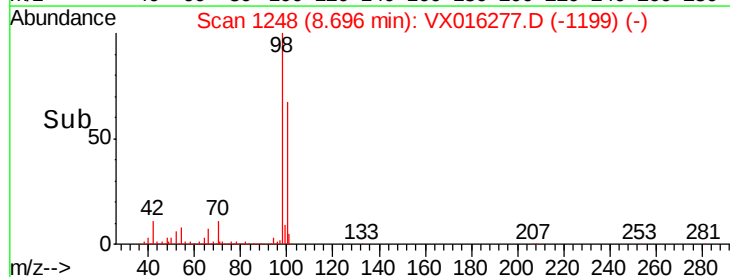
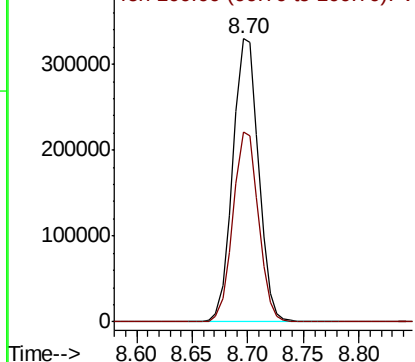


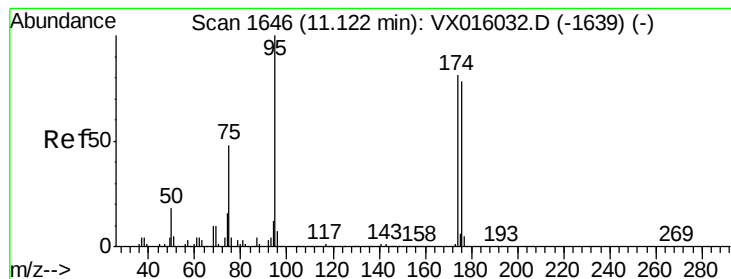
#50
Toluene-d8
Concen: 51.364 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016277.D
Acq: 15 May 2020 13:54

Tgt Ion: 98 Resp: 530530
Ion Ratio Lower Upper
98 100
100 66.4 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.873 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

400513792-TRIP-BLANK

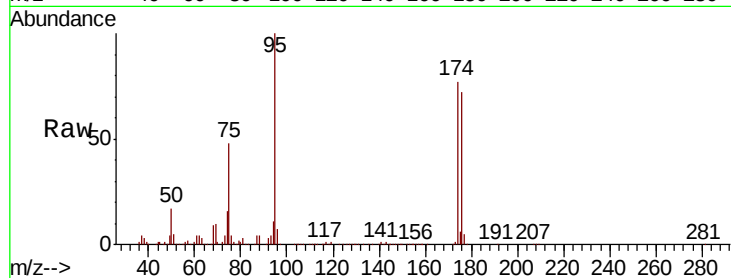
Tot Ion: 95 Resp: 211645

Ion Ratio Lower Upper

95 100

174 80.3 0.0 159.4

176 76.8 0.0 157.6

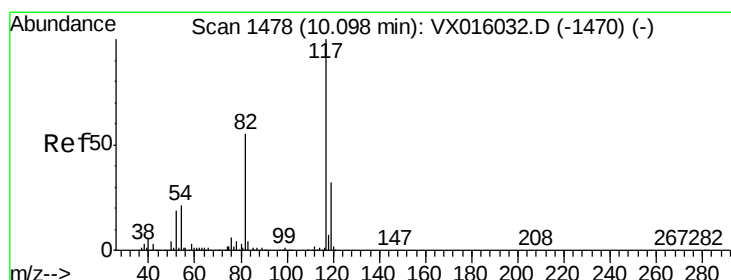
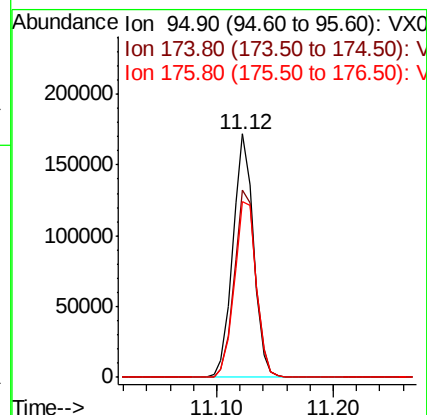
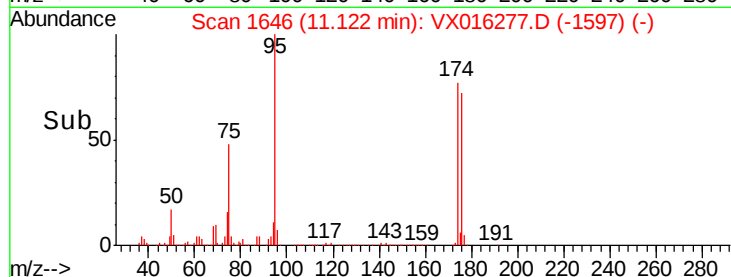


Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

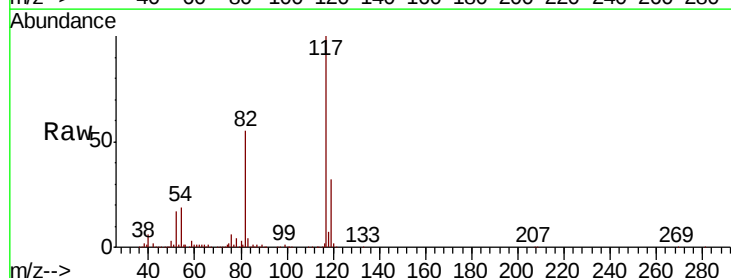
Tgt Ion: 117 Resp: 420249

Ion Ratio Lower Upper

117 100

82 54.5 44.4 66.6

119 32.0 25.5 38.3

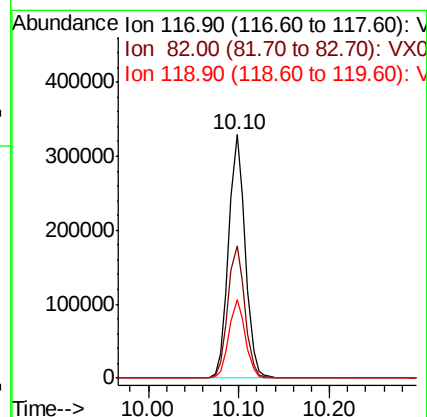
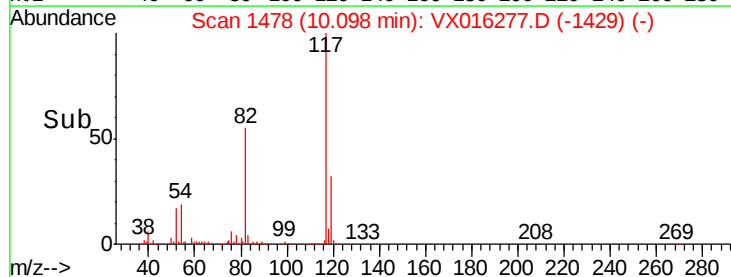


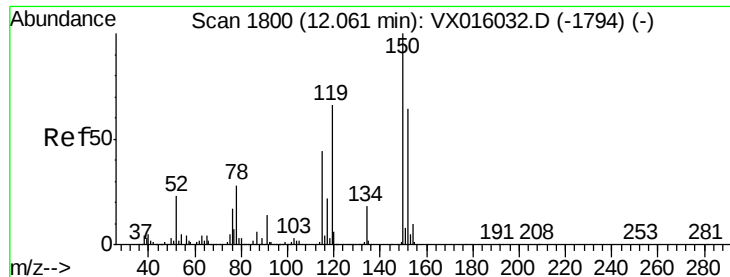
Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

400513792-TRIP-BLANK

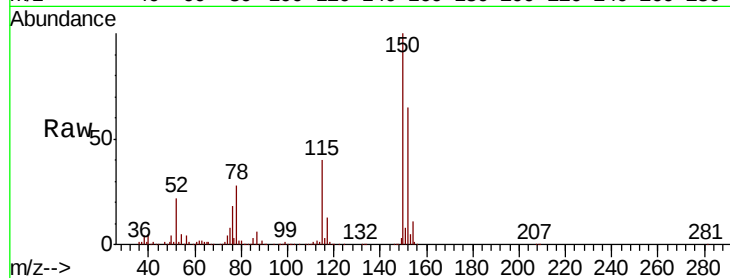
Tot Ion:152 Resp: 211459

Ion Ratio Lower Upper

152 100

115 59.8 41.3 124.1

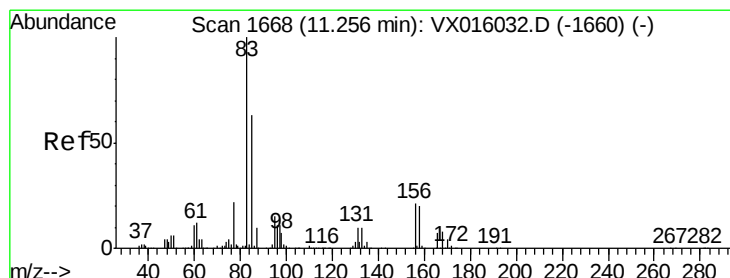
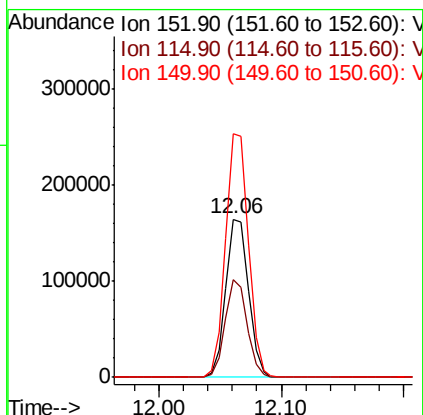
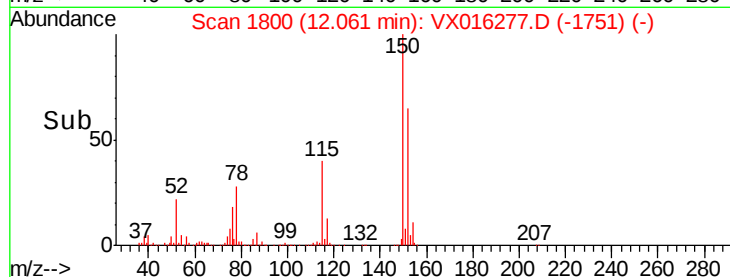
150 154.8 0.0 352.2



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



#75

1,1,2,2-Tetrachloroethane

Concen: 2.109 ug/l

RT: 11.13 min Scan# 1647

Delta R.T. -0.13 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

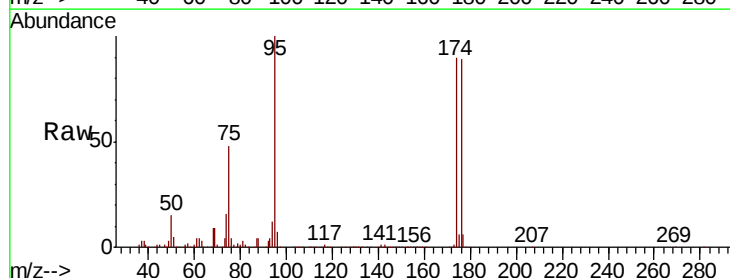
Tgt Ion: 83 Resp: 171

Ion Ratio Lower Upper

83 100

131 164.3 5.1 15.4#

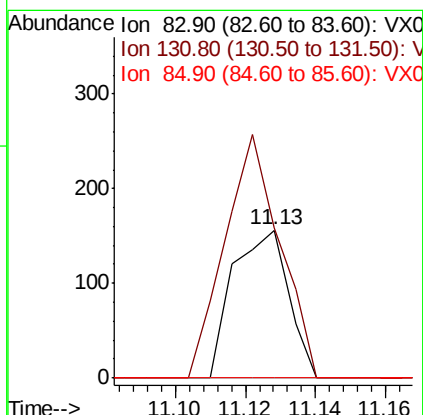
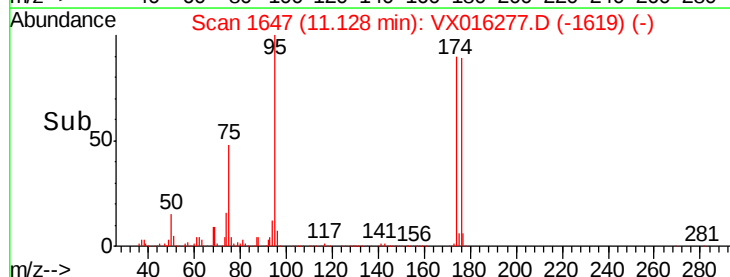
85 0.0 32.0 96.0#

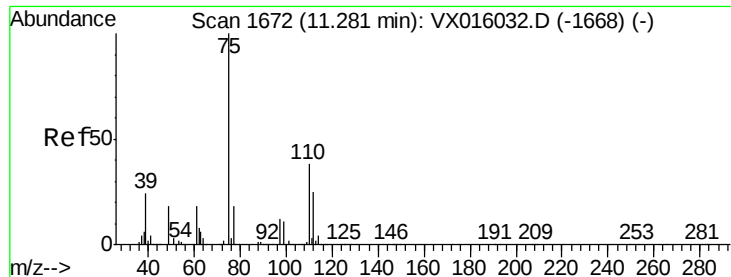


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0





#76

1,2,3-Trichloropropane

Concen: 21.611 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

Instrument :

MSVOA_X

ClientSampleId :

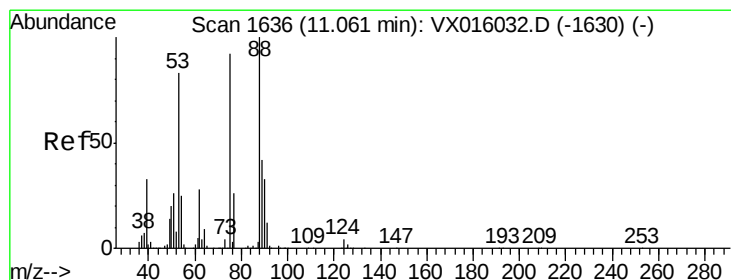
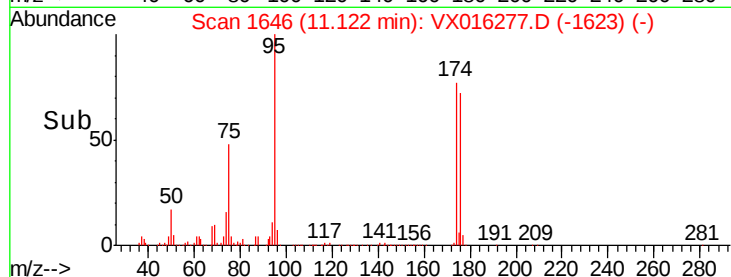
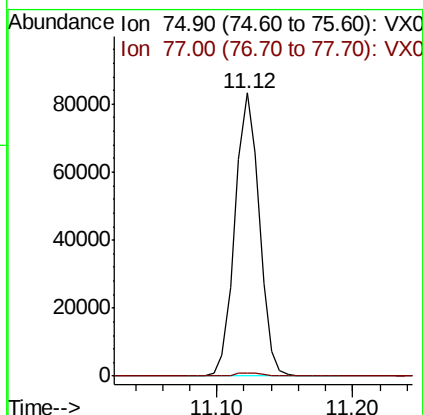
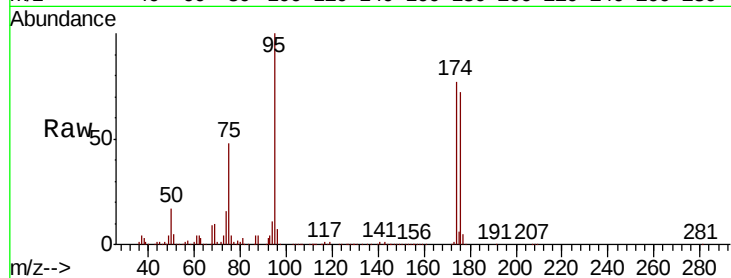
400513792-TRIP-BLANK

Tot Ion: 75 Resp: 103699

Ion Ratio Lower Upper

75 100

77 1.3 21.2 63.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016277.D

Acq: 15 May 2020 13:54

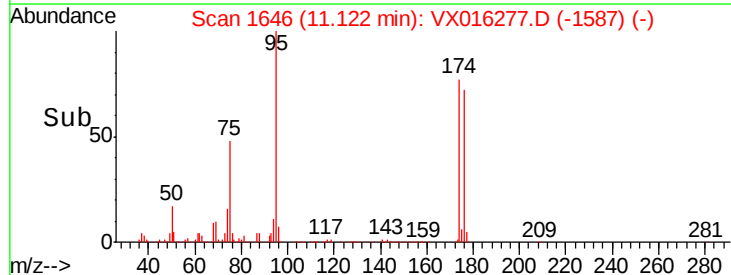
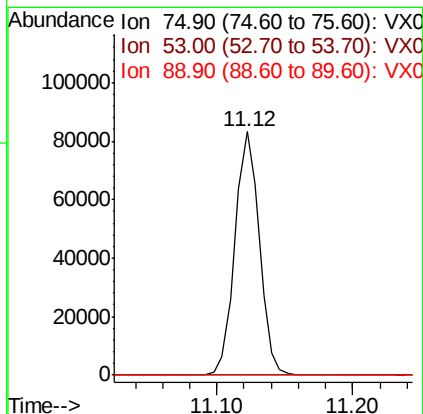
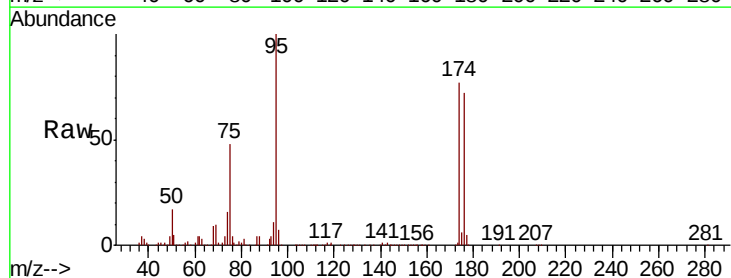
Tgt Ion: 75 Resp: 103699

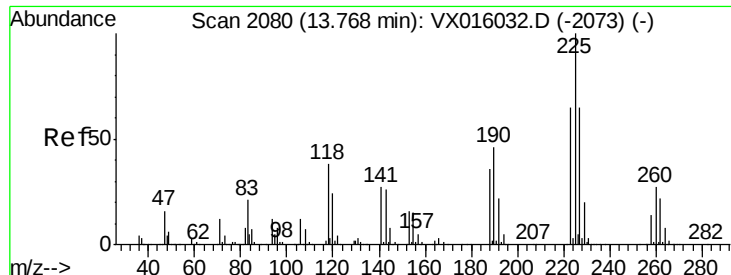
Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

89 0.0 36.7 55.1#





#94
 Hexachlorobutadiene
 Concen: 0.557 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016277.D
 Acq: 15 May 2020 13:54

Instrument :
 MSVOA_X
 ClientSampleId :
 400513792-TRIP-BLANK

Tot Ion	Ratio	Lower	Upper
225	100		
223	27.4	32.3	96.9#
227	32.9	31.8	95.4

