

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016275.D
 Acq On : 15 May 2020 13:09
 Operator : JC/SP
 Sample : L2669-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: May 16 06:41:37 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	256836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	423813	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	415390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211190	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	157740	46.67	ug/l	0.00
Spiked Amount			Recovery	=	93.34%	
35) Dibromofluoromethane	5.47	113	124795	46.48	ug/l	0.00
Spiked Amount			Recovery	=	92.96%	
50) Toluene-d8	8.70	98	525375	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.12	95	207666	52.77	ug/l	0.00
Spiked Amount			Recovery	=	105.54%	

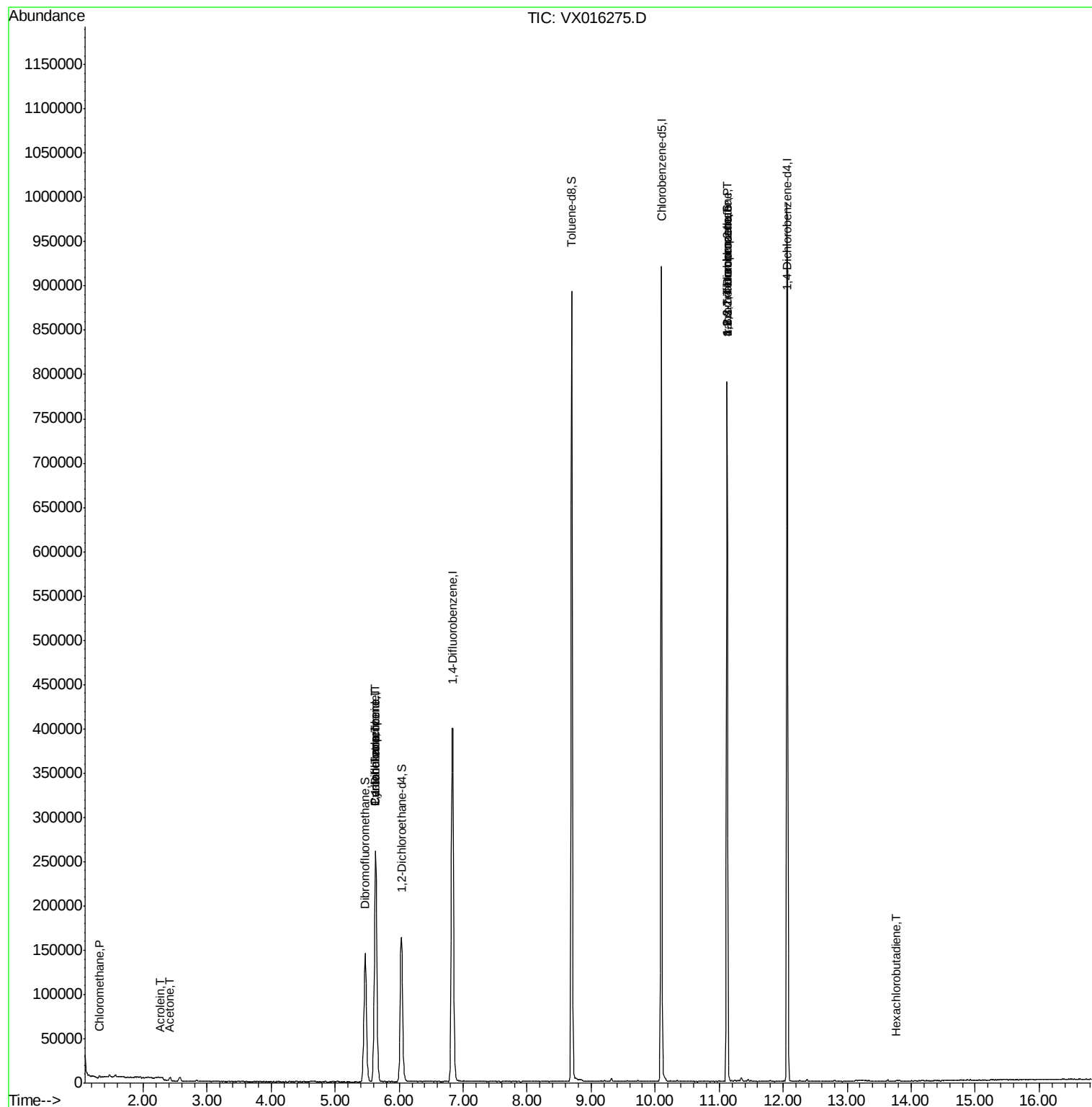
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1267	0.401	ug/l	95
13) Acrolein	2.27	56	652	1.219	ug/l #	59
16) Acetone	2.42	43	5409	3.587	ug/l	92
17) Carbon Disulfide	2.55	76	1461	Below Cal	#	78
31) Cyclohexane	5.62	56	4919	1.048	ug/l #	1
36) 1,1-Dichloropropene	5.64	75	18699	4.482	ug/l #	49
38) Carbon Tetrachloride	5.64	117	25113	5.922	ug/l #	13
75) 1,1,2,2-Tetrachloroethane	11.12	83	176	2.110	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	102337	21.354	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	102337	50.888	ug/l #	13
94) Hexachlorobutadiene	13.76	225	132	0.583	ug/l	71

(#) = 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: VX016275.D

Acq: 15 May 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

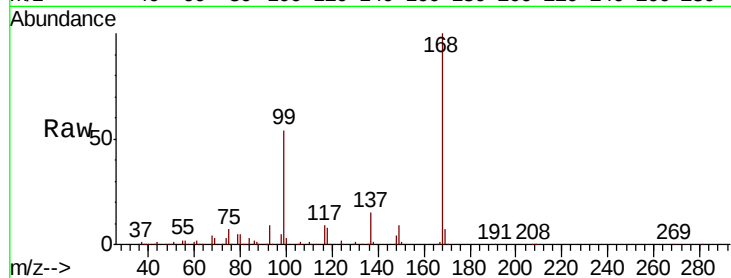
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 256836

Ion Ratio Lower Upper

168 100

99 54.0 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

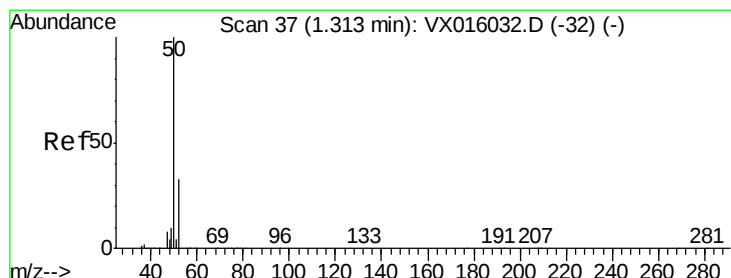
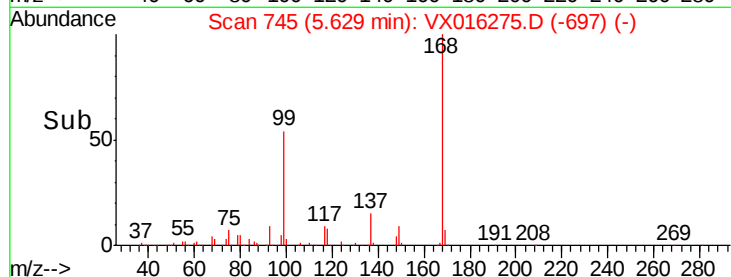
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.401 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016275.D

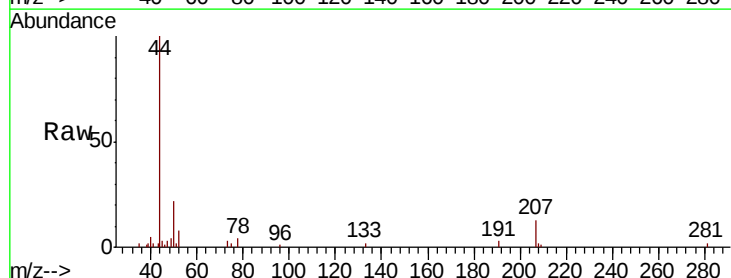
Acq: 15 May 2020 13:09

Tgt Ion: 50 Resp: 1267

Ion Ratio Lower Upper

50 100

52 35.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

1000

800

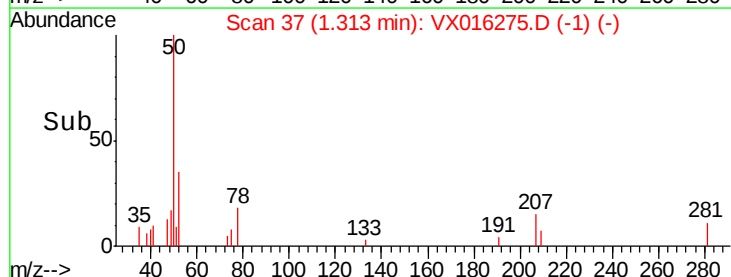
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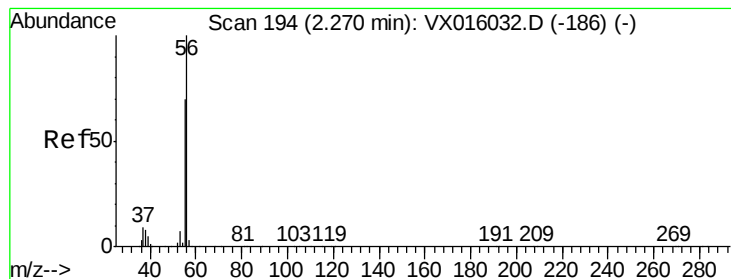
400

200

0

Time-->





#13

Acrolein

Concen: 1.219 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016275.D

Acq: 15 May 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

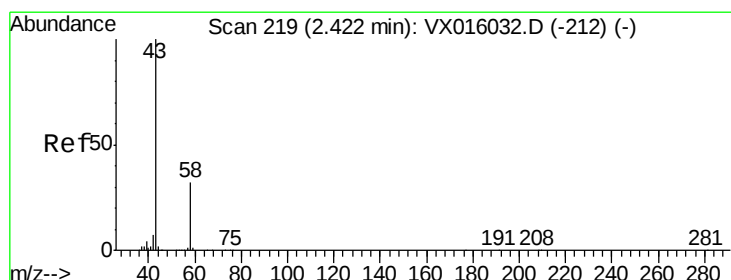
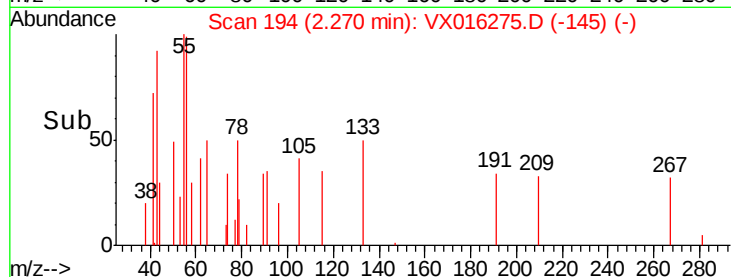
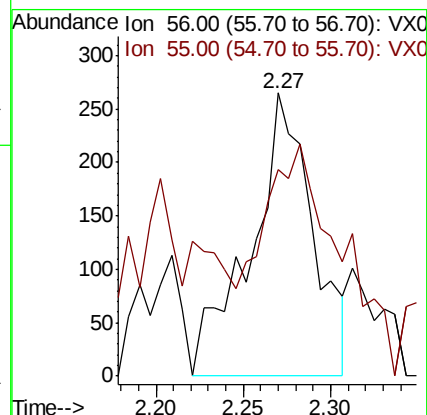
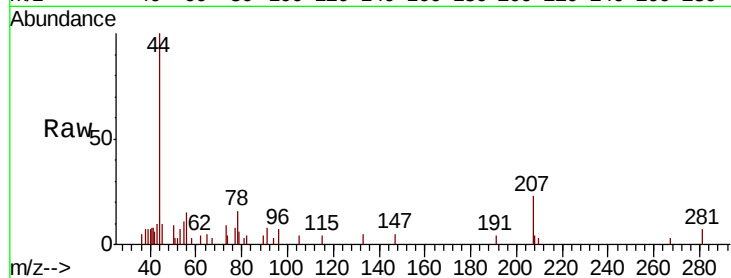
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 56 Resp: 652

Ion Ratio Lower Upper

56 100

55 104.4 56.5 84.7#



#16

Acetone

Concen: 3.587 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016275.D

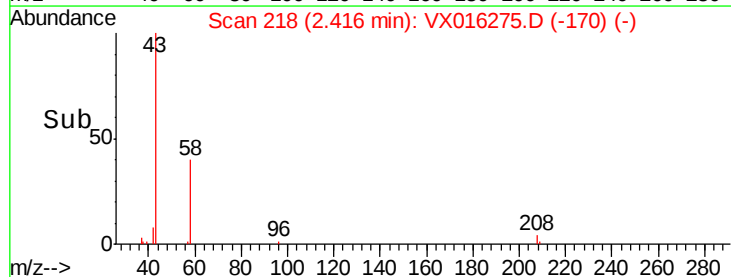
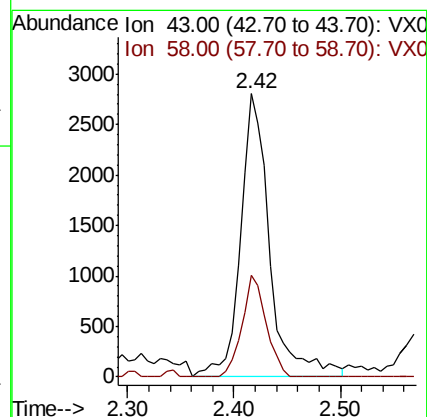
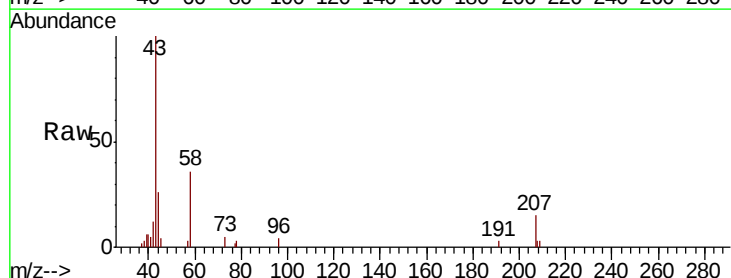
Acq: 15 May 2020 13:09

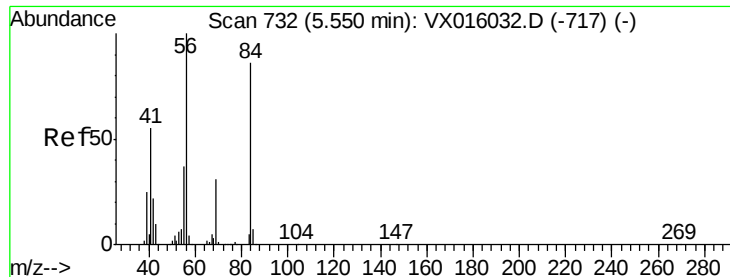
Tgt Ion: 43 Resp: 5409

Ion Ratio Lower Upper

43 100

58 35.9 25.4 38.0

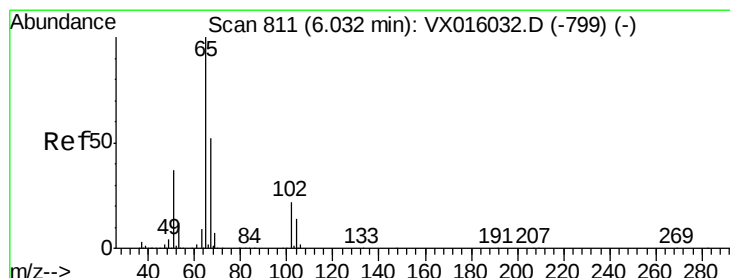
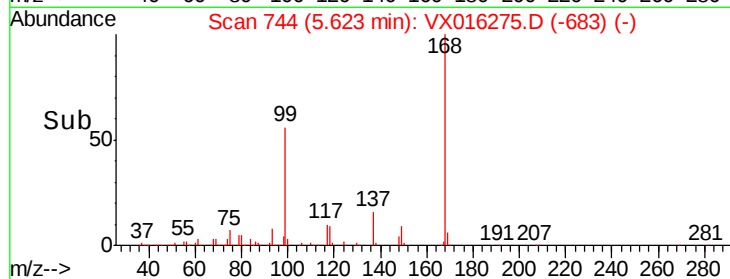
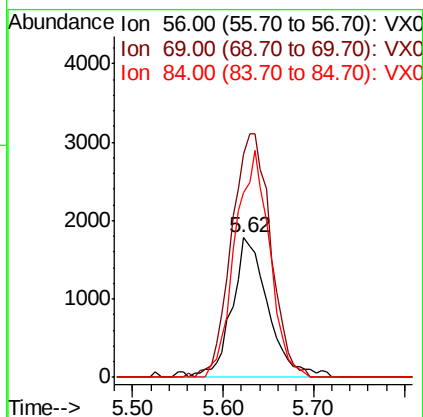
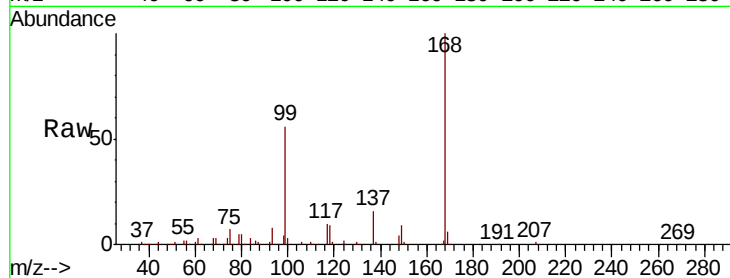




#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.07 min
Lab File: VX016275.D
Acq: 15 May 2020 13:09

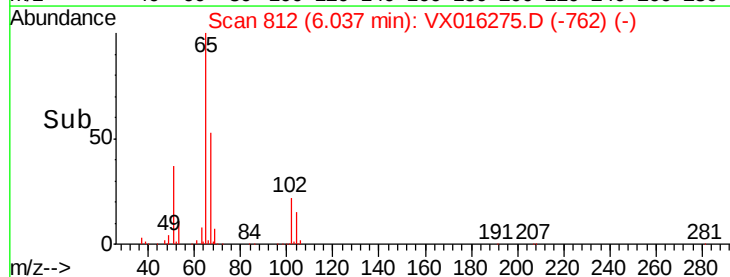
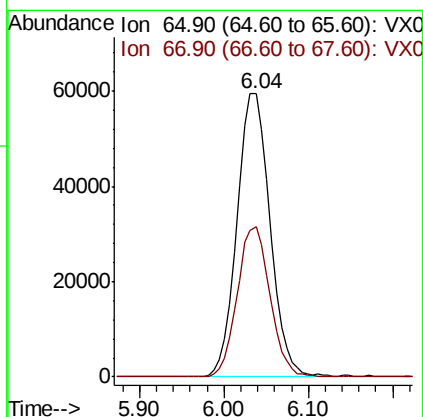
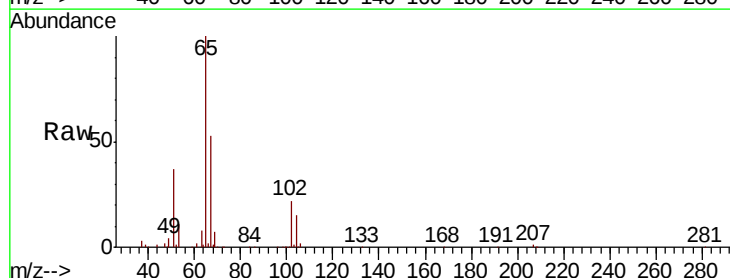
Instrument :
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STORAGE-BLANK-SAMPLE-MANA

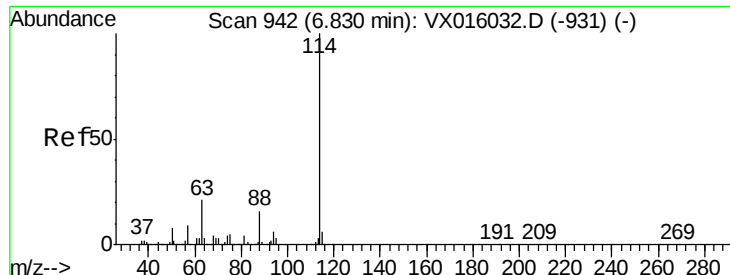
Tot Ion: 56 Resp: 4919
Ion Ratio Lower Upper
56 100
69 160.3 25.0 37.6#
84 132.3 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 46.673 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016275.D
Acq: 15 May 2020 13:09

Tgt Ion: 65 Resp: 157740
Ion Ratio Lower Upper
65 100
67 52.6 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: VX016275.D

Acq: 15 May 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

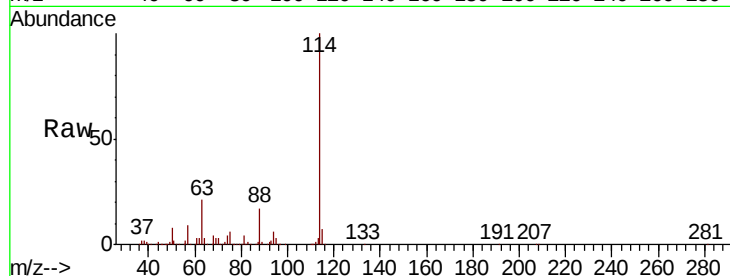
Tot Ion:114 Resp: 423813

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

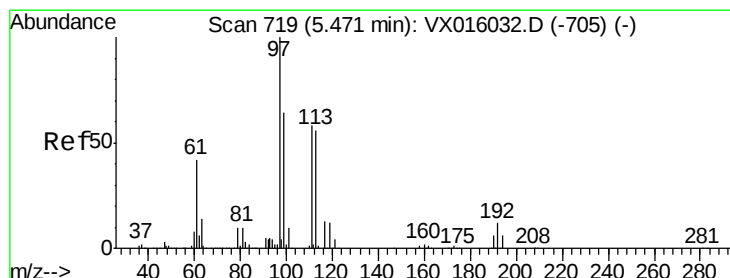
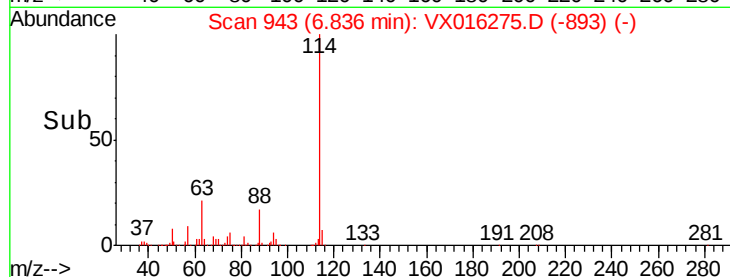
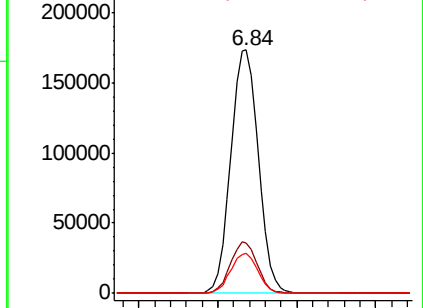
88 16.6 0.0 31.4



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: 46.478 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016275.D

Acq: 15 May 2020 13:09

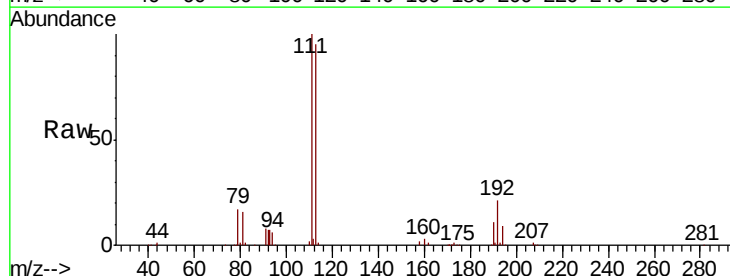
Tgt Ion:113 Resp: 124795

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

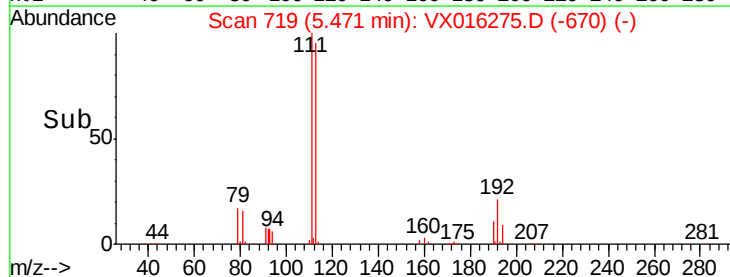
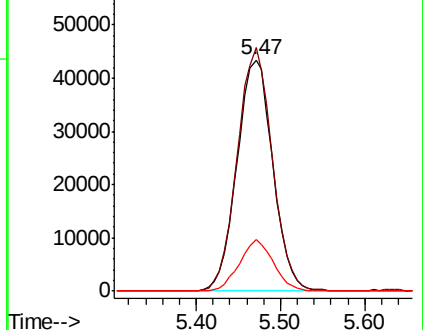
192 21.1 17.0 25.4

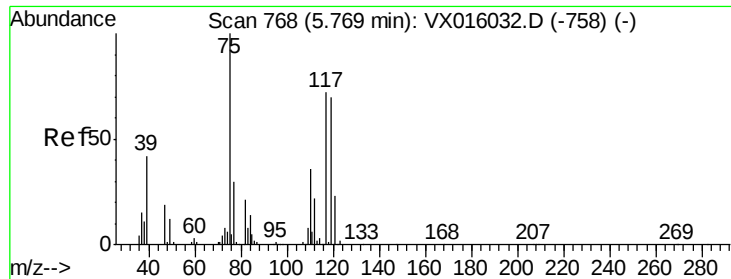


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

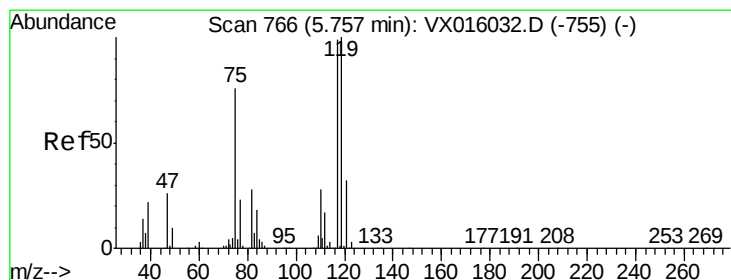
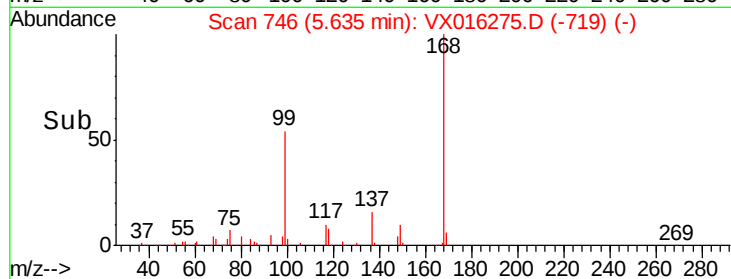
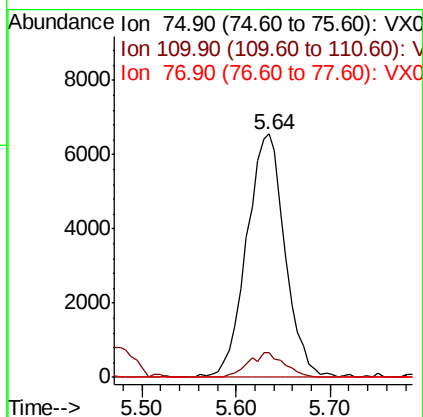
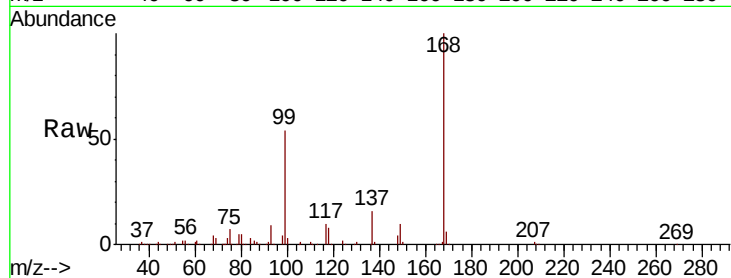




#36
 1,1-Dichloropropene
 Concen: 4.482 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.13 min
 Lab File: VX016275.D
 Acq: 15 May 2020 13:09

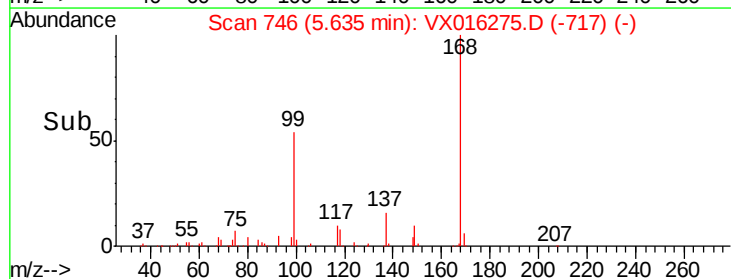
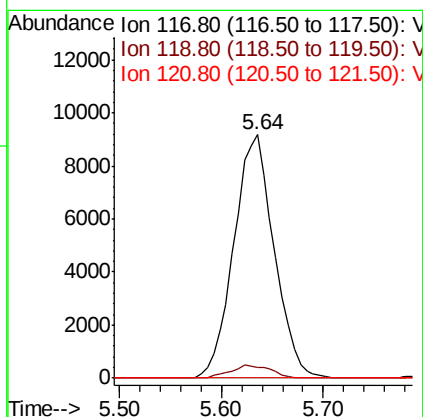
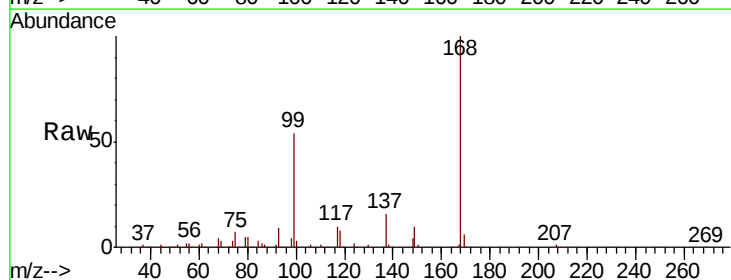
Instrument :
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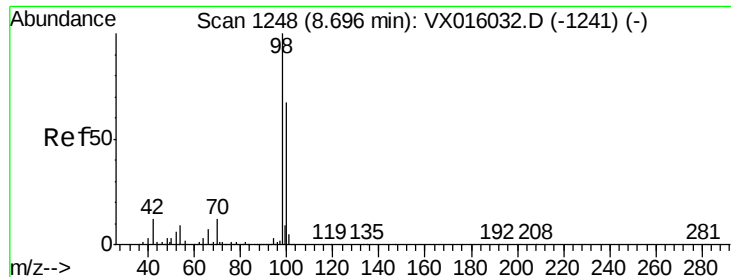
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.1#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 5.922 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. -0.12 min
 Lab File: VX016275.D
 Acq: 15 May 2020 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.4	80.3	120.5#
121	0.0	25.7	38.5#

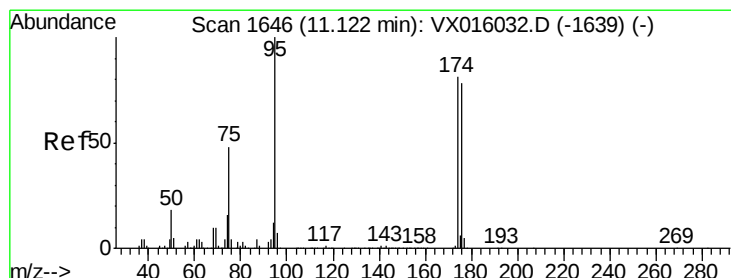
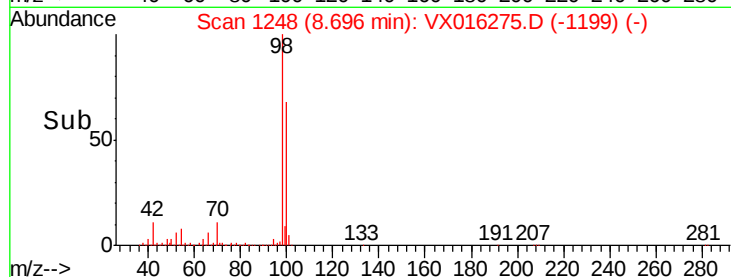
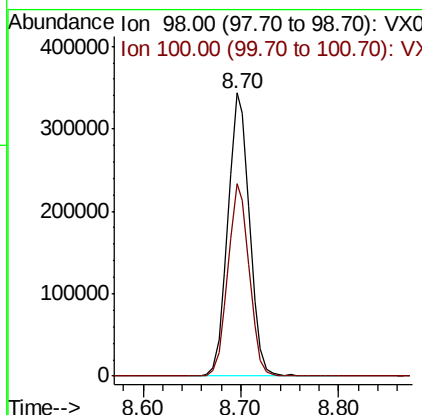
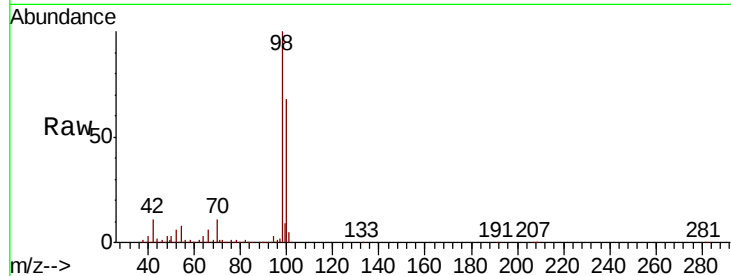




#50
Toluene-d8
Concen: 50.782 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016275.D
Acq: 15 May 2020 13:09

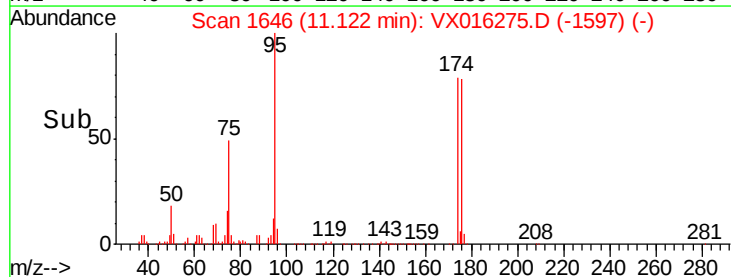
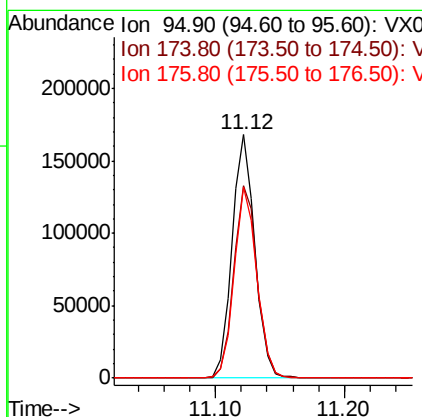
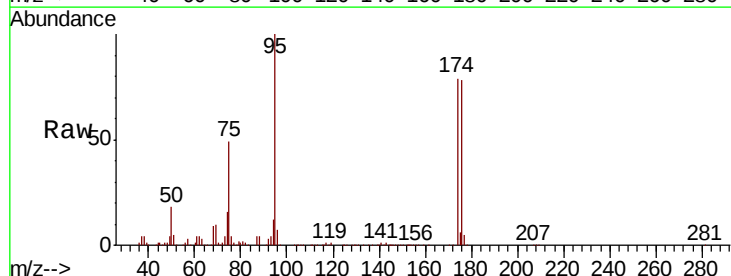
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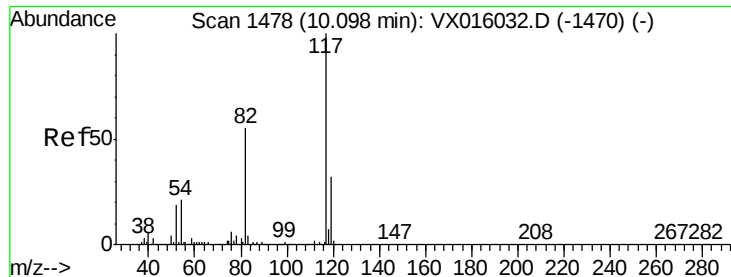
Tot Ion: 98 Resp: 525375
Ion Ratio Lower Upper
98 100
100 67.3 53.7 80.5



#62
4-Bromofluorobenzene
Concen: 52.774 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016275.D
Acq: 15 May 2020 13:09

Tgt Ion: 95 Resp: 207666
Ion Ratio Lower Upper
95 100
174 80.9 0.0 159.4
176 78.1 0.0 157.6

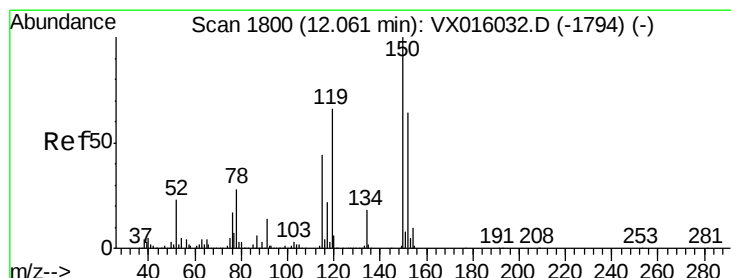
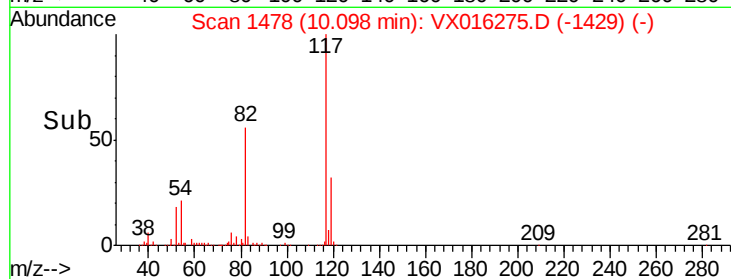
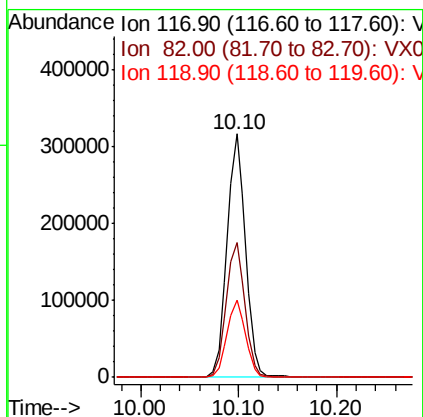
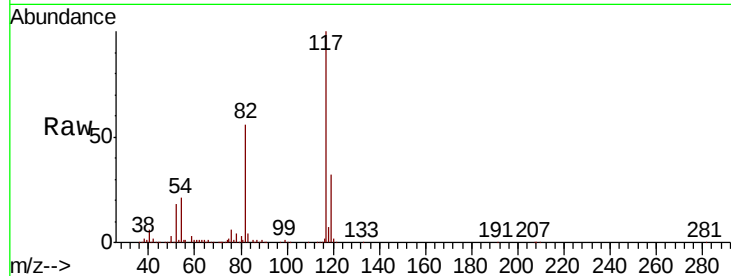




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016275.D
Acq: 15 May 2020 13:09

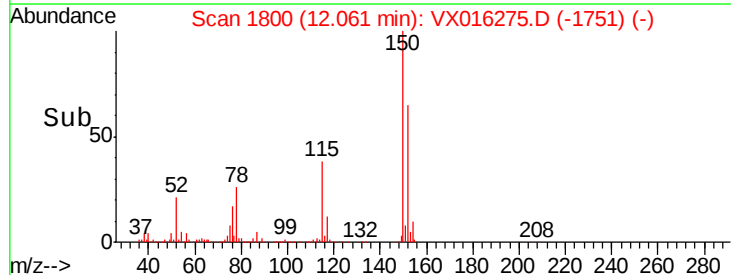
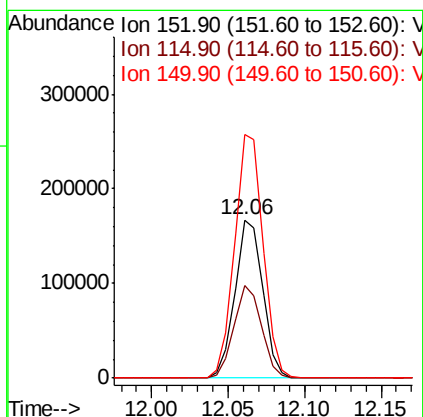
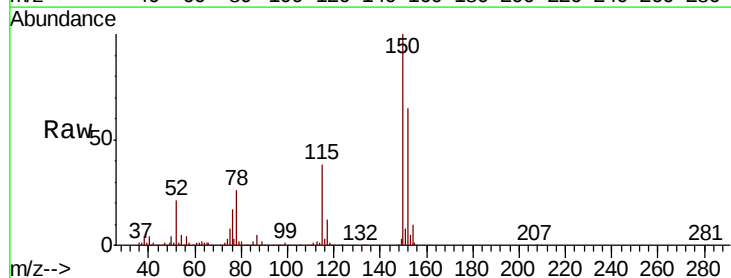
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

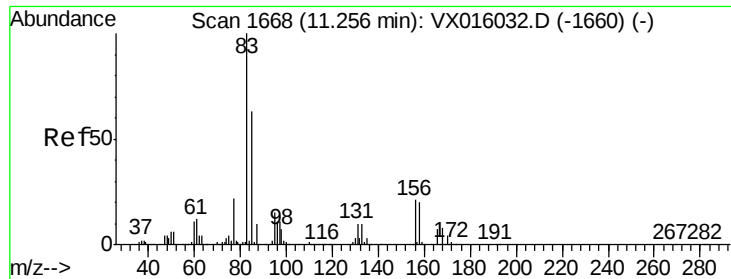
Tot Ion:117 Resp: 415390
Ion Ratio Lower Upper
117 100
82 55.6 44.4 66.6
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016275.D
Acq: 15 May 2020 13:09

Tgt Ion:152 Resp: 211190
Ion Ratio Lower Upper
152 100
115 57.9 41.3 124.1
150 156.9 0.0 352.2





#75

1,1,2,2-Tetrachloroethane

Concen: 2.110 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.14 min

Lab File: VX016275.D

Acq: 15 May 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

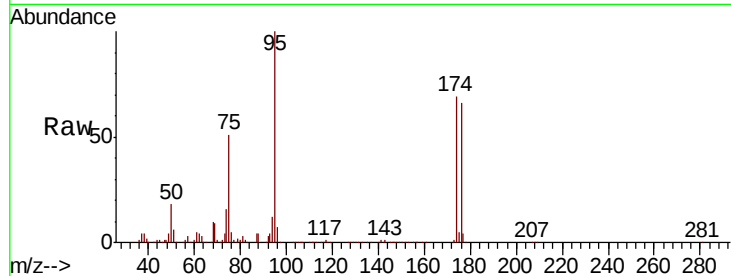
Tot Ion: 83 Resp: 176

Ion Ratio Lower Upper

83 100

131 146.0 5.1 15.4#

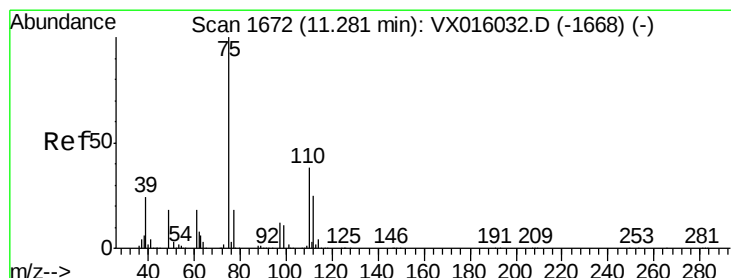
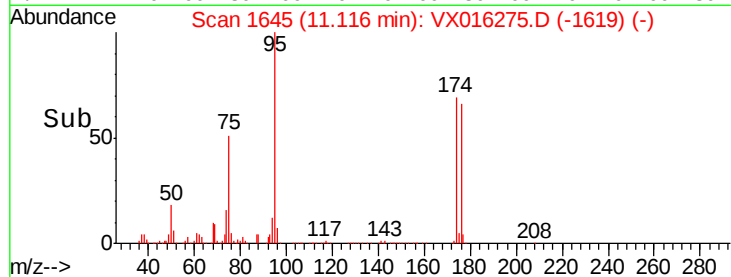
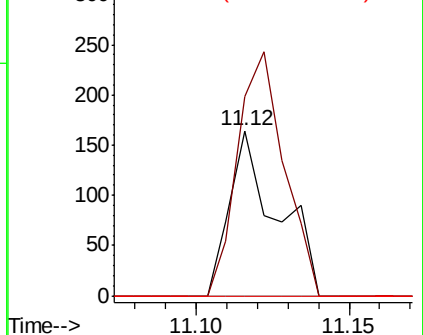
85 0.0 32.0 96.0#



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: 21.354 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016275.D

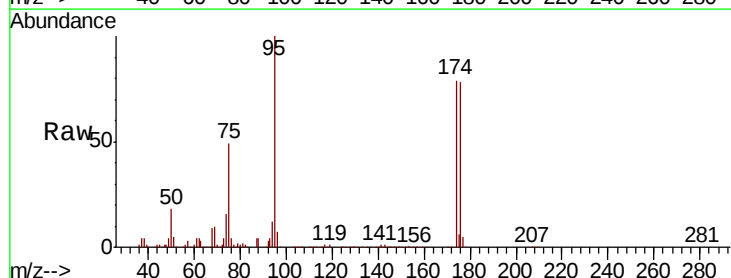
Acq: 15 May 2020 13:09

Tgt Ion: 75 Resp: 102337

Ion Ratio Lower Upper

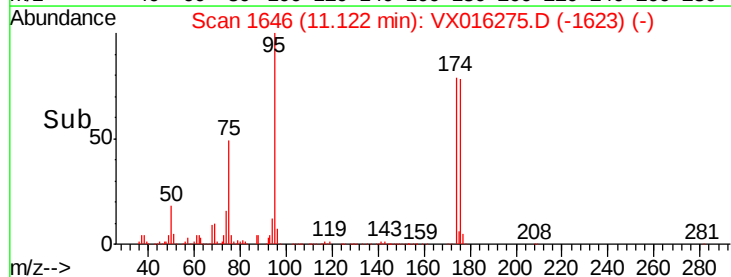
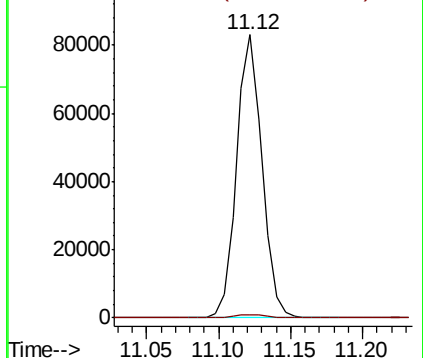
75 100

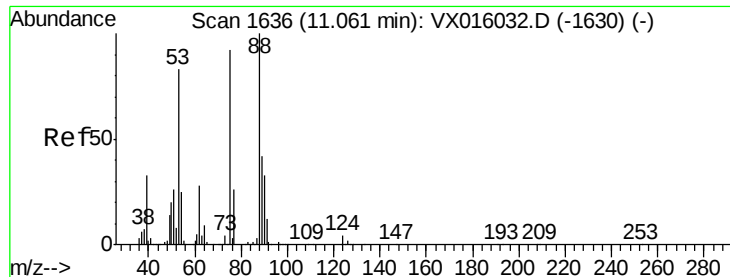
77 1.3 21.2 63.6#



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: 50.888 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016275.D

Acq: 15 May 2020 13:09

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

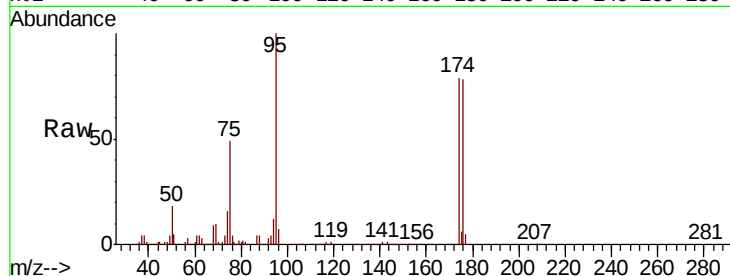
Tot Ion: 75 Resp: 102337

Ion Ratio Lower Upper

75 100

53 0.0 73.1 109.7#

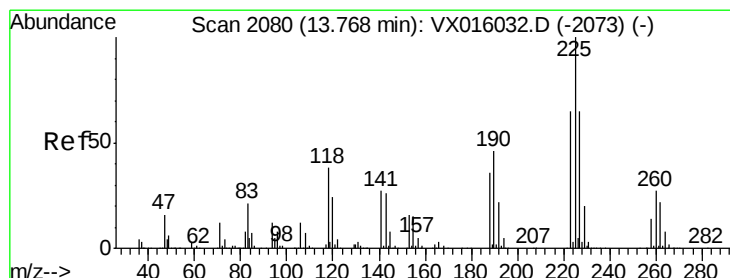
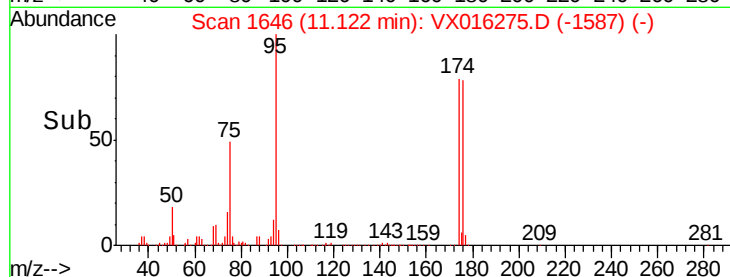
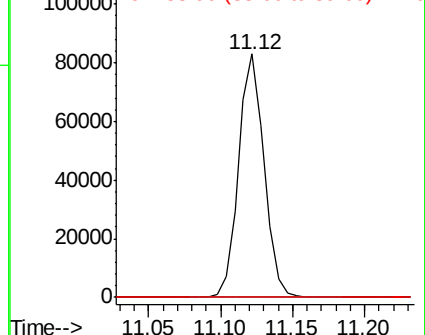
89 0.0 36.7 55.1#



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: 0.583 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016275.D

Acq: 15 May 2020 13:09

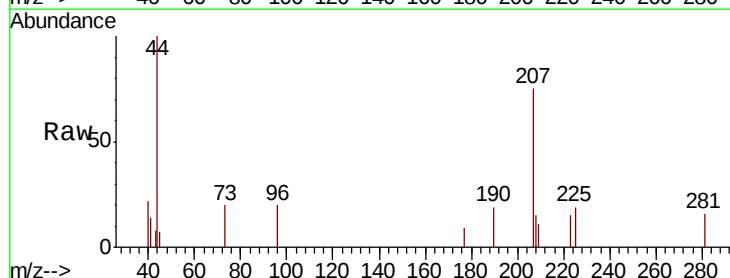
Tgt Ion: 225 Resp: 132

Ion Ratio Lower Upper

225 100

223 46.2 32.3 96.9

227 37.1 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

