

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016233.D
 Acq On : 14 May 2020 16:01
 Operator : JC/SP
 Sample : L2643-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513

Quant Time: May 15 01:33:51 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	248246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	415251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	406459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208936	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	155862	47.71	ug/l	0.00
Spiked Amount			Recovery	=	95.42%	
35) Dibromofluoromethane	5.47	113	124235	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.70	98	520867	51.38	ug/l	0.00
Spiked Amount			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.12	95	203296	52.73	ug/l	0.00
Spiked Amount			Recovery	=	105.46%	

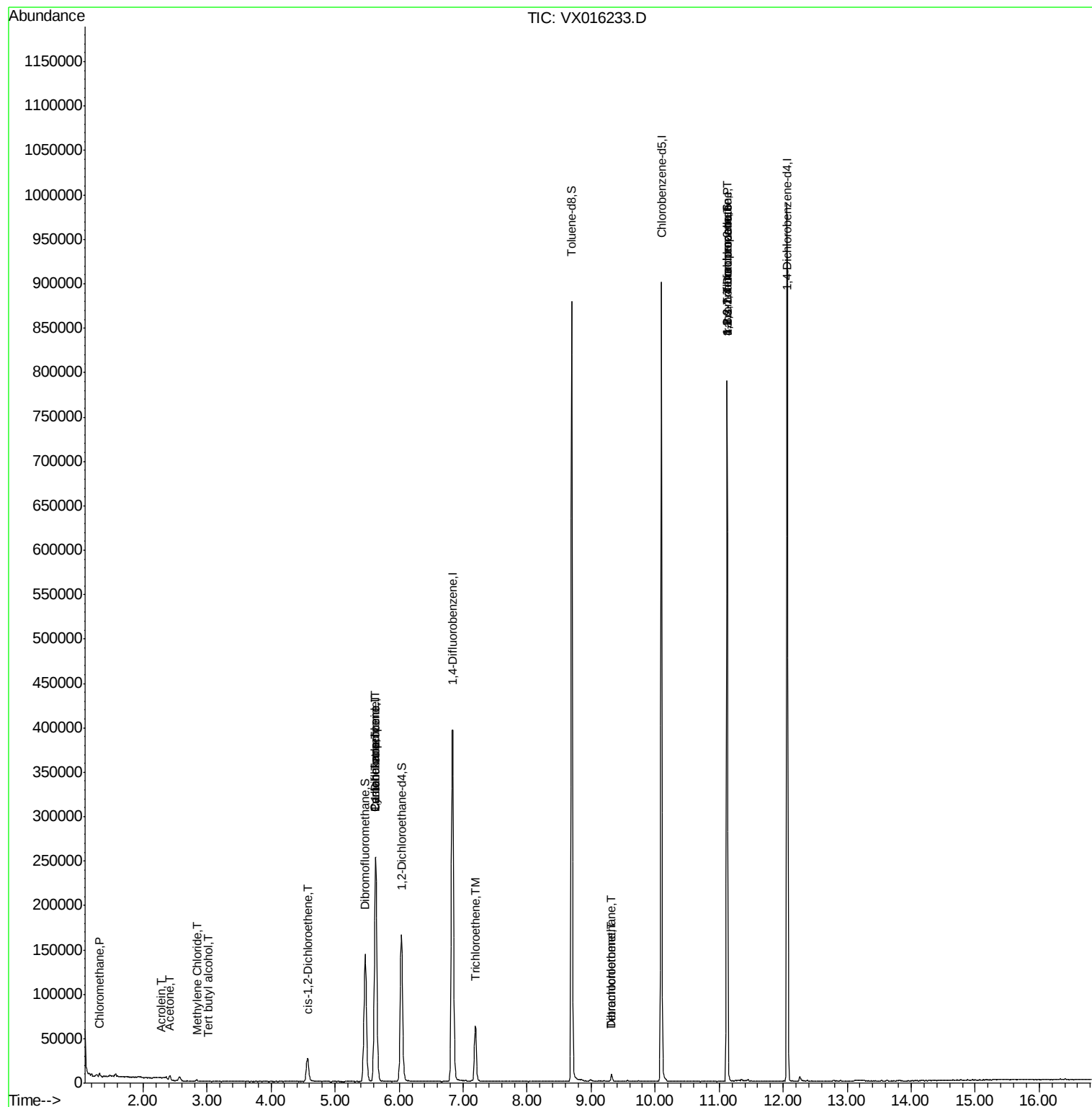
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	2286	0.75	ug/l	100
11) Tert butyl alcohol	3.01	59	207	0.25	ug/l #	72
13) Acrolein	2.28	56	244	0.47	ug/l #	67
16) Acetone	2.42	43	5890	4.04	ug/l	98
20) Methylene Chloride	2.84	84	705	0.23	ug/l #	85
27) cis-1,2-Dichloroethene	4.57	96	17813	5.67	ug/l	84
31) Cyclohexane	5.63	56	4725	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18038	4.41	ug/l #	49
38) Carbon Tetrachloride	5.63	117	24167	5.82	ug/l #	14
44) Trichloroethene	7.20	130	24419	5.75	ug/l	91
60) Dibromochloromethane	9.32	129	1424	0.44	ug/l #	11
64) Tetrachloroethene	9.32	164	1352	0.27	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.13	83	154	2.10	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	100196	21.13	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	100196	50.36	ug/l #	13

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

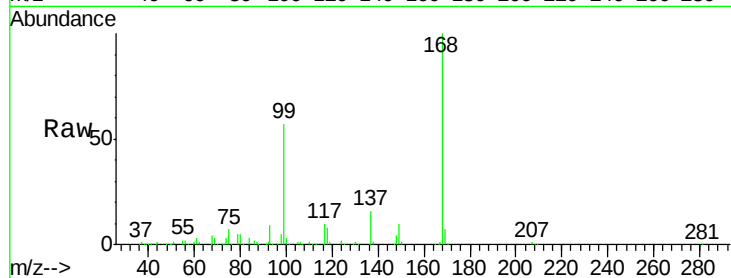
SS052MW601-200513

Tgt Ion: 168 Resp: 248246

Ion Ratio Lower Upper

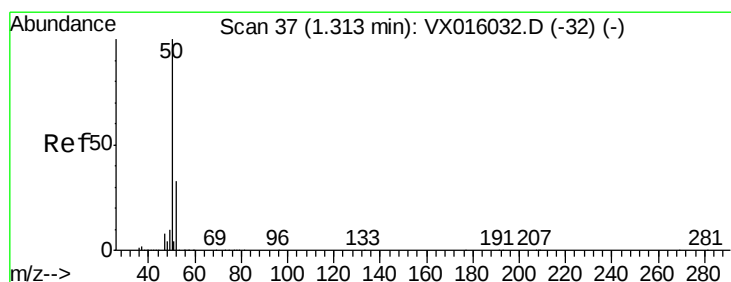
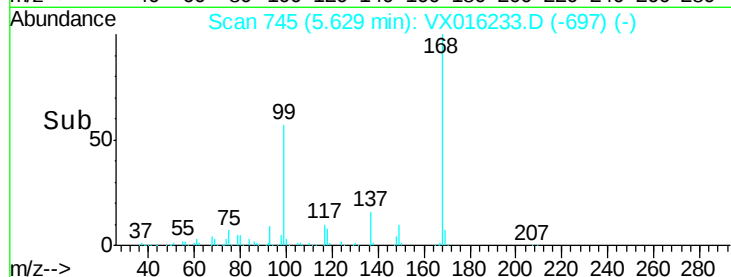
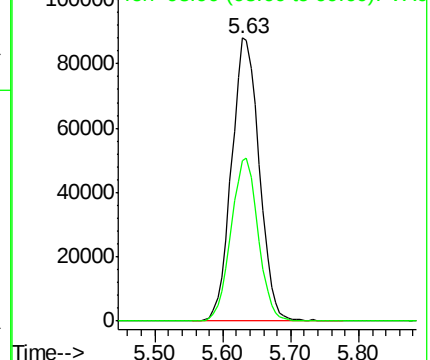
168 100

99 56.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.75 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016233.D

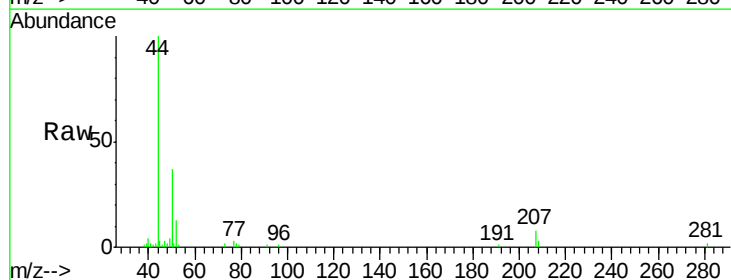
Acq: 14 May 2020 16:01

Tgt Ion: 50 Resp: 2286

Ion Ratio Lower Upper

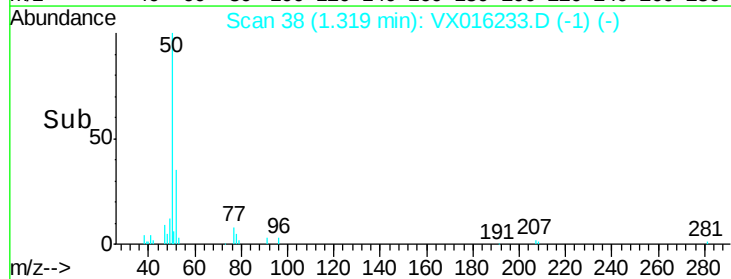
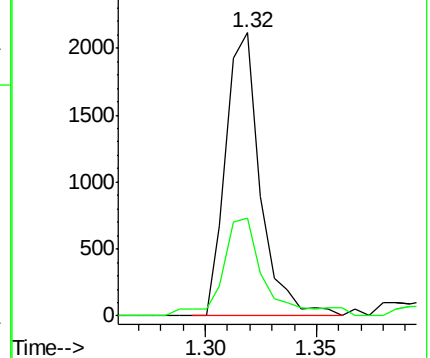
50 100

52 32.3 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



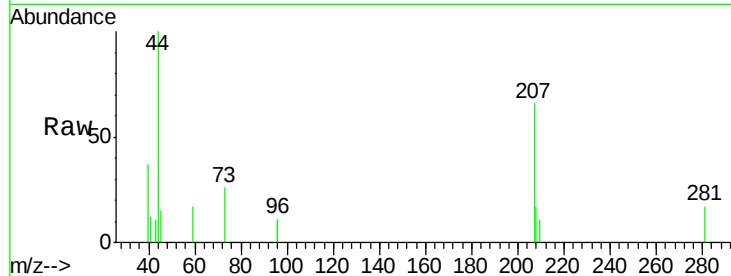


#11

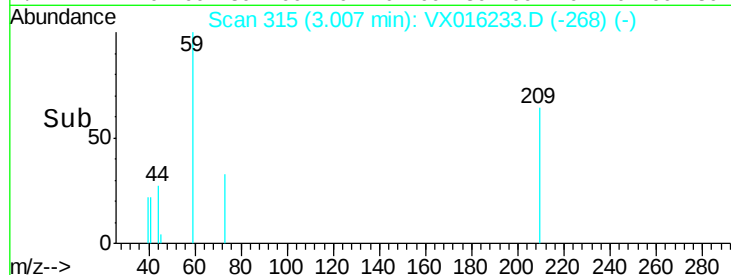
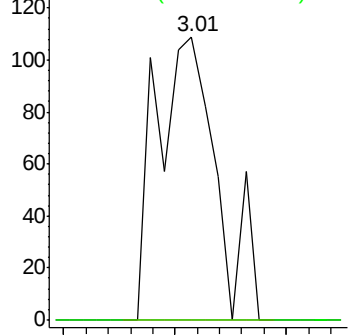
Tert butyl alcohol
 Concen: 0.25 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX016233.D
 Acq: 14 May 2020 16:01

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW601-200513

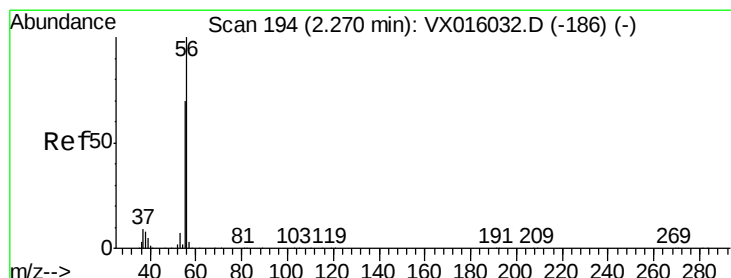
Tgt Ion: 59 Resp: 207
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



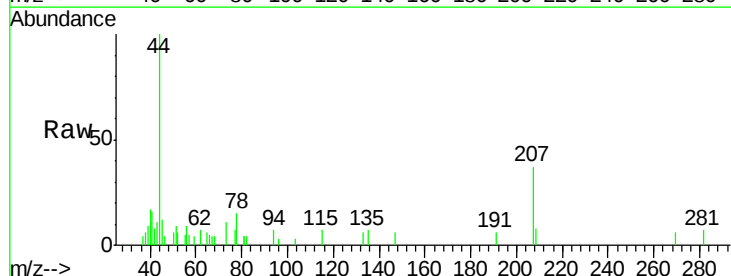
Time-->



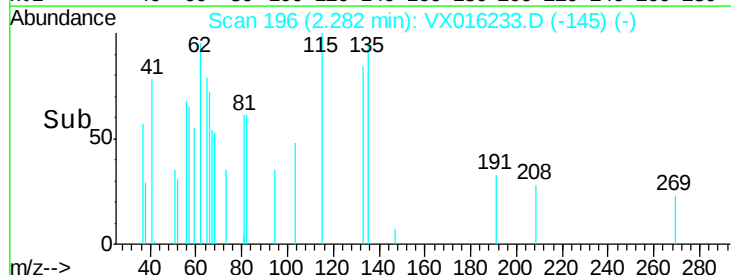
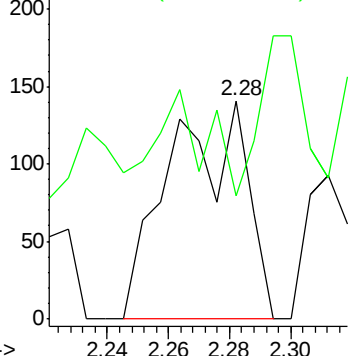
#13

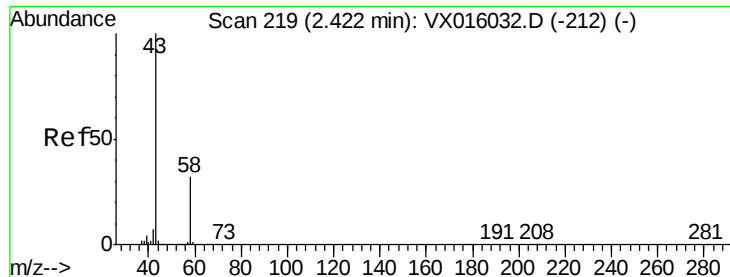
Acrolein
 Concen: 0.47 ug/l
 RT: 2.28 min Scan# 196
 Delta R.T. 0.01 min
 Lab File: VX016233.D
 Acq: 14 May 2020 16:01

Tgt Ion: 56 Resp: 244
 Ion Ratio Lower Upper
 56 100
 55 43.0 56.5 84.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0





#16

Acetone

Concen: 4.04 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

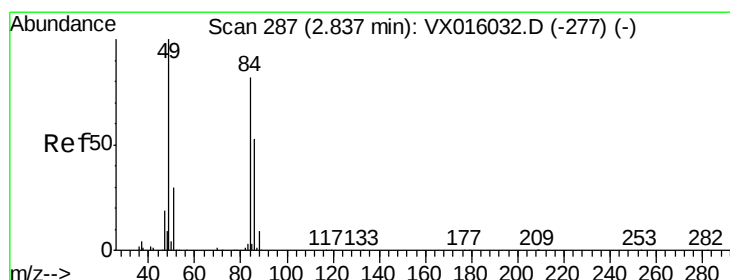
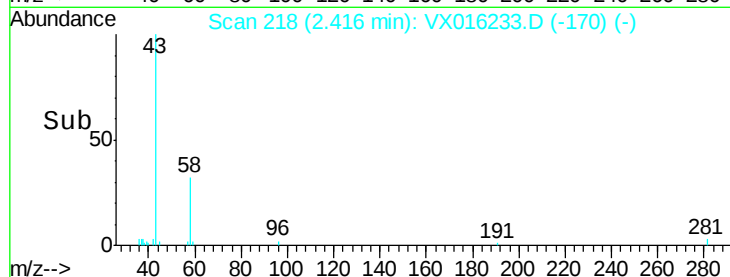
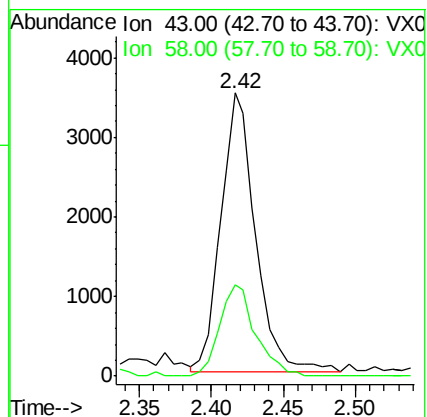
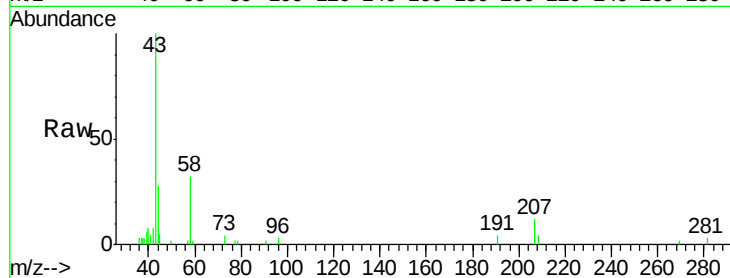
SS052MW601-200513

Tgt Ion: 43 Resp: 5890

Ion Ratio Lower Upper

43 100

58 32.7 25.4 38.0



#20

Methylene Chloride

Concen: 0.23 ug/l

RT: 2.84 min Scan# 288

Delta R.T. 0.01 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Tgt Ion: 84 Resp: 705

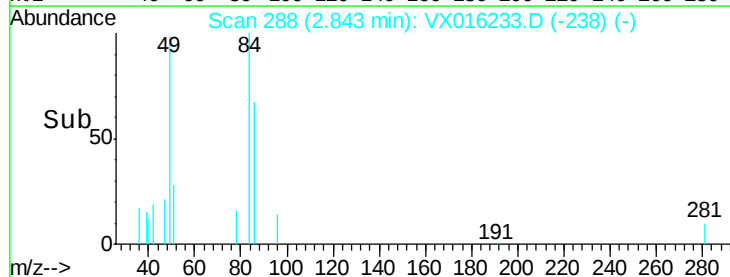
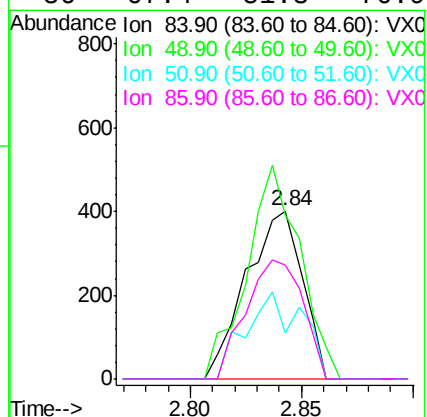
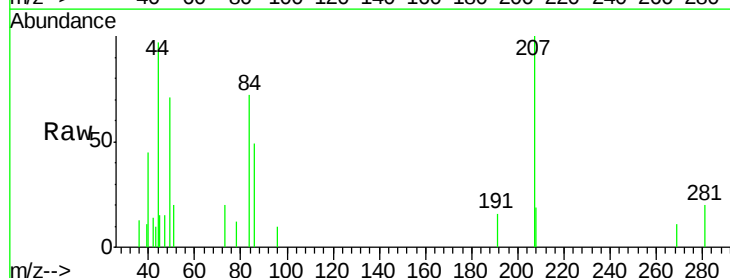
Ion Ratio Lower Upper

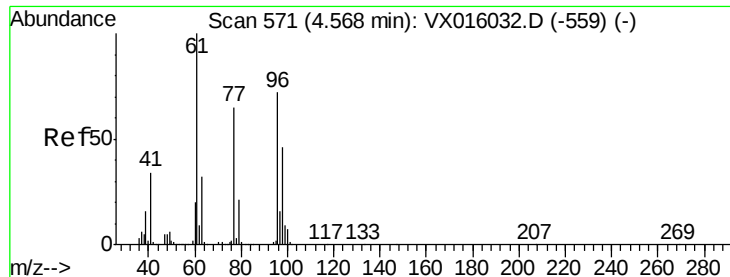
84 100

49 97.5 97.3 145.9

51 27.6 29.3 43.9#

86 67.4 51.3 76.9





#27

cis-1,2-Dichloroethene

Concen: 5.67 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513

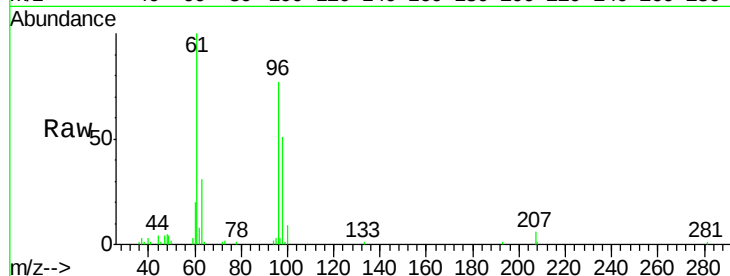
Tgt Ion: 96 Resp: 17813

Ion Ratio Lower Upper

96 100

61 121.0 0.0 296.2

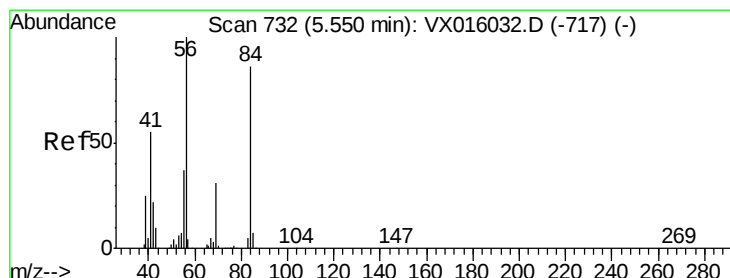
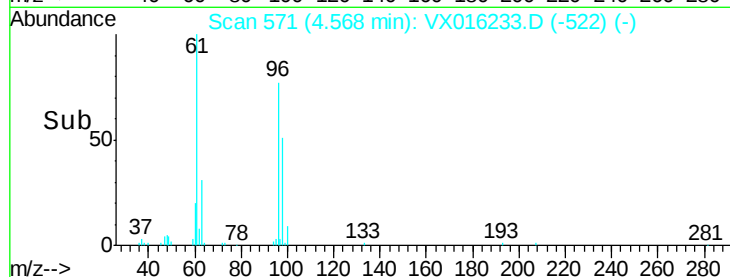
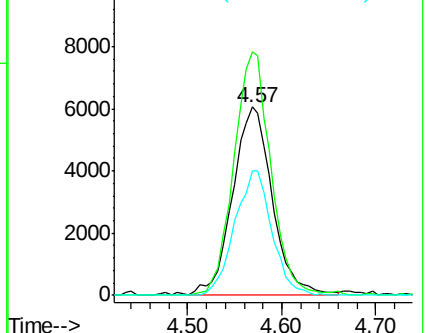
98 61.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#31

Cyclohexane

Concen: 1.04 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.08 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

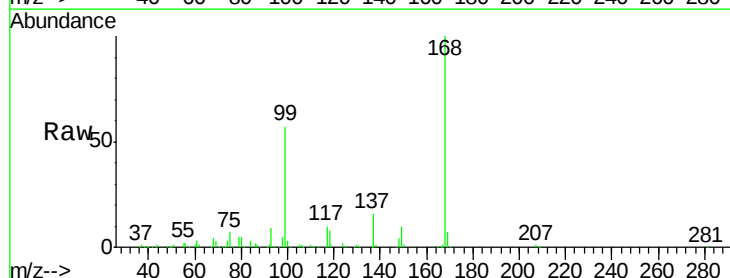
Tgt Ion: 56 Resp: 4725

Ion Ratio Lower Upper

56 100

69 176.3 25.0 37.6#

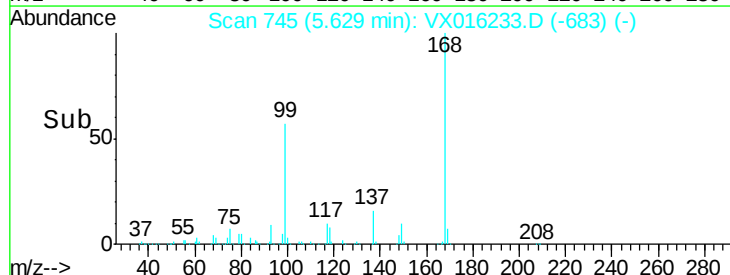
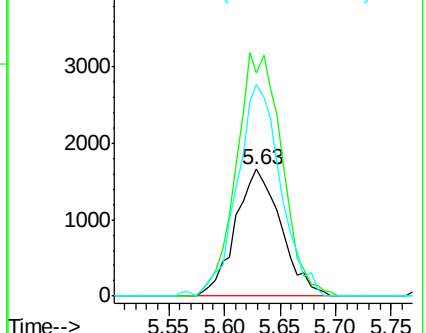
84 167.4 69.0 103.6#

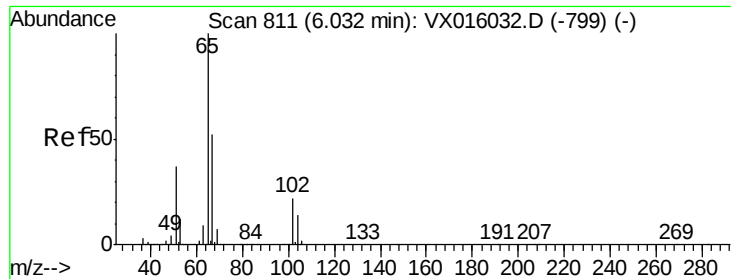


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.71 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

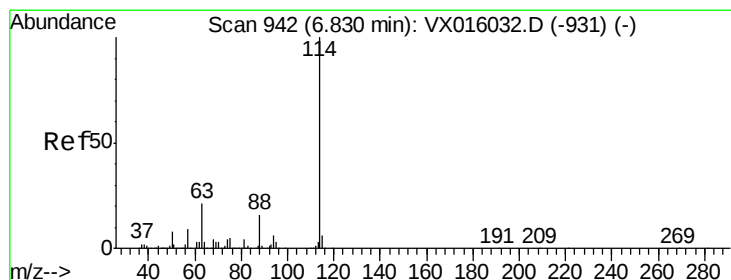
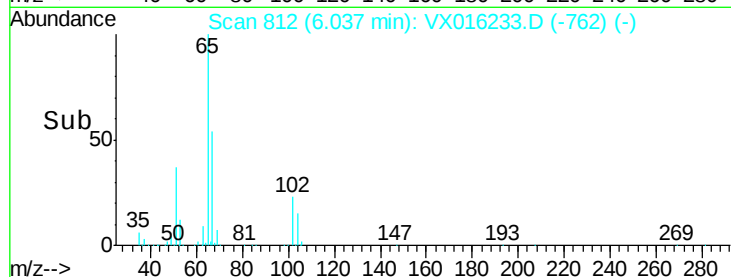
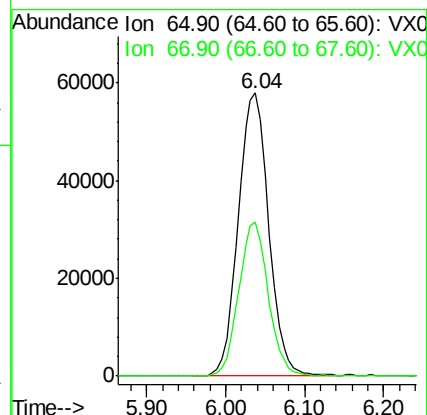
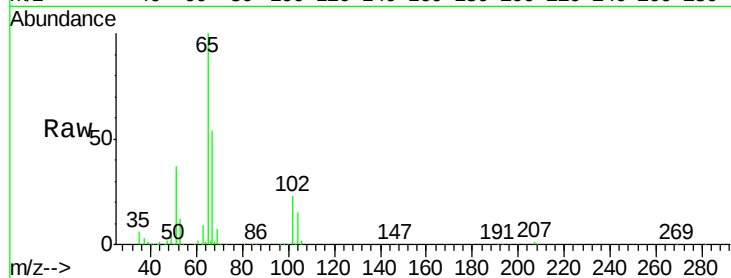
SS052MW601-200513

Tgt Ion: 65 Resp: 155862

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

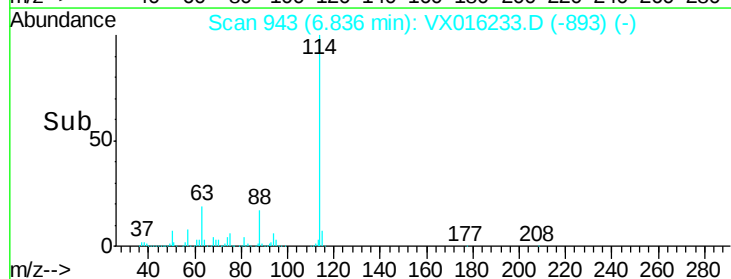
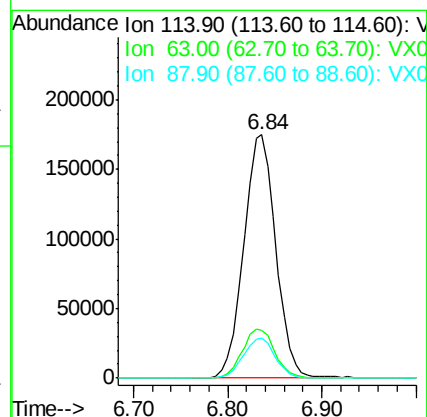
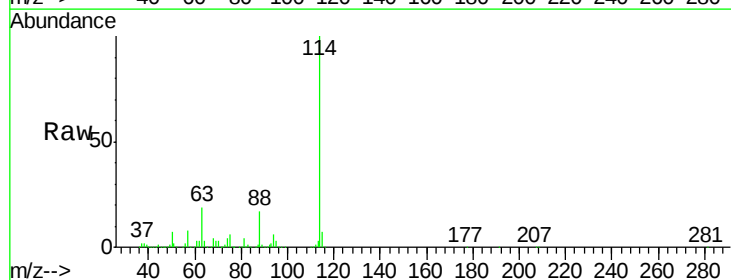
Tgt Ion: 114 Resp: 415251

Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.8

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.22 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513

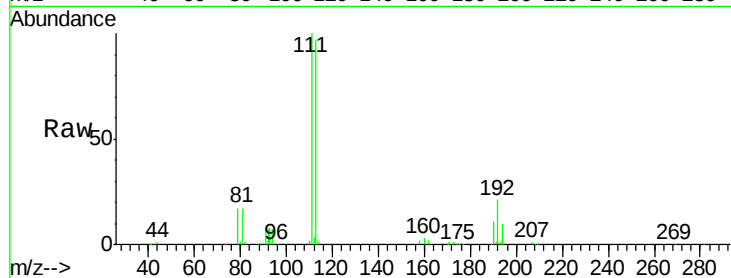
Tgt Ion:113 Resp: 124235

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

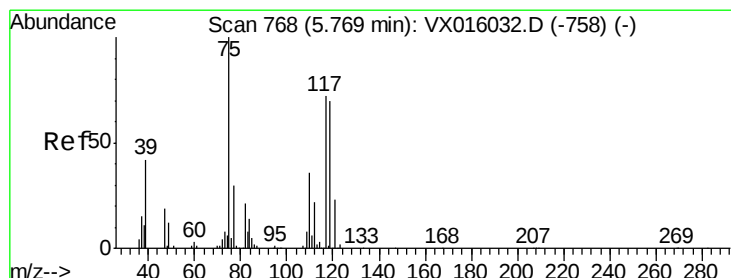
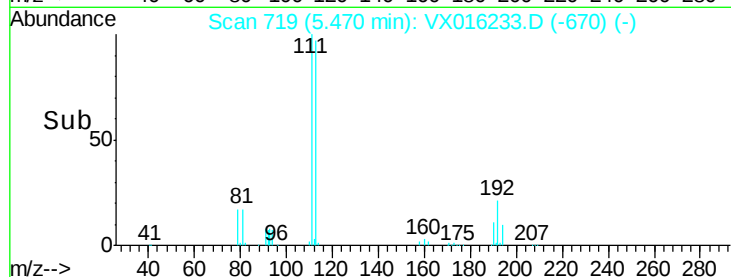
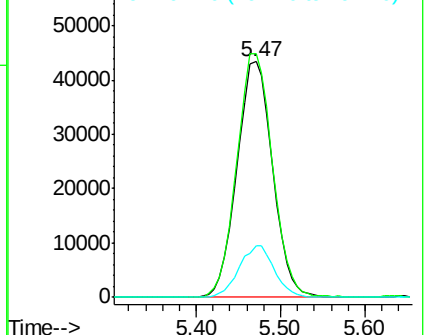
192 21.8 17.0 25.4



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: 4.41 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

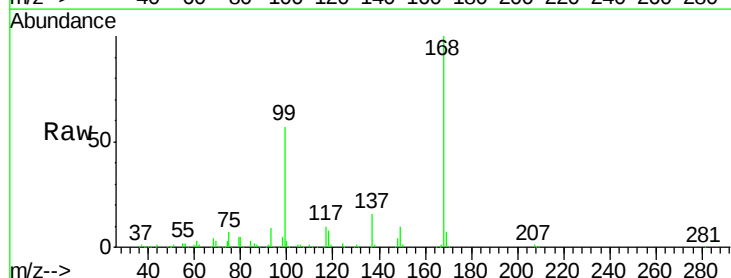
Tgt Ion: 75 Resp: 18038

Ion Ratio Lower Upper

75 100

110 9.0 18.1 54.1#

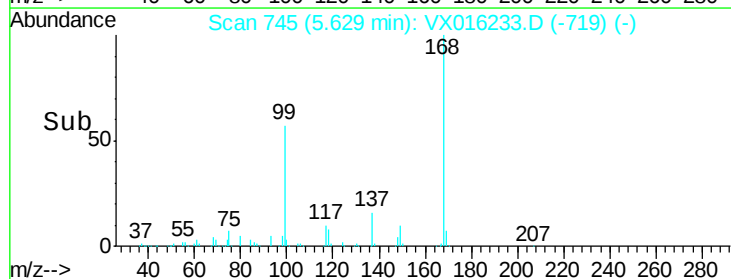
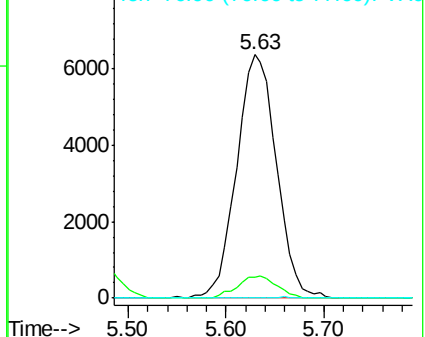
77 0.0 25.0 37.6#

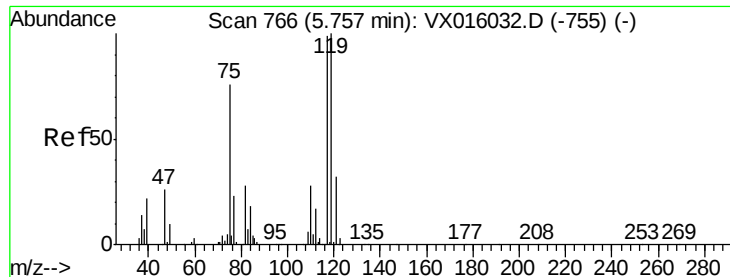


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

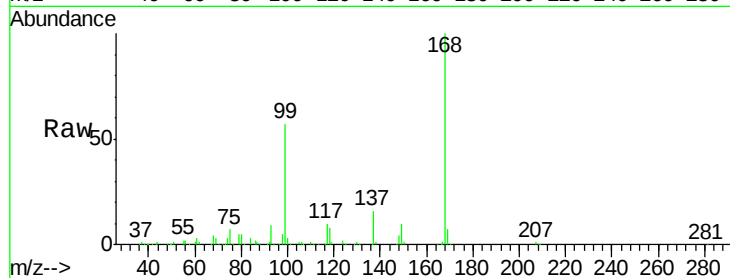




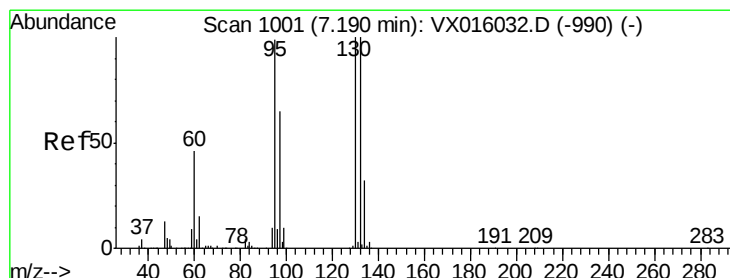
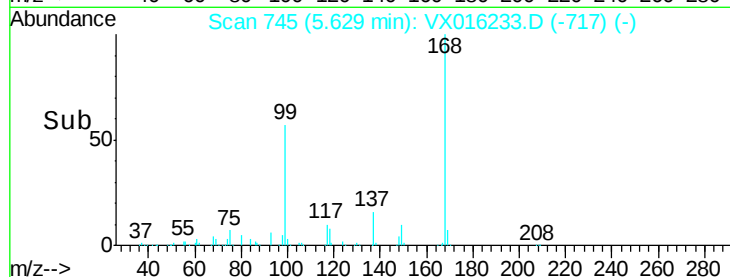
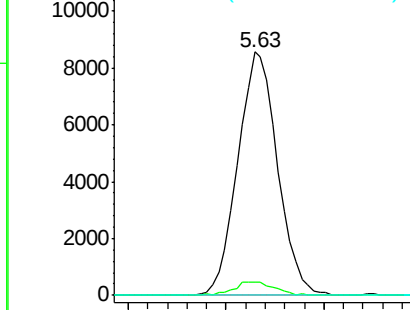
#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016233.D
Acq: 14 May 2020 16:01

Instrument :
MSVOA_X
ClientSampleId :
SS052MW601-200513

Tgt Ion:117 Resp: 24167
Ion Ratio Lower Upper
117 100
119 5.3 80.3 120.5#
121 0.0 25.7 38.5#

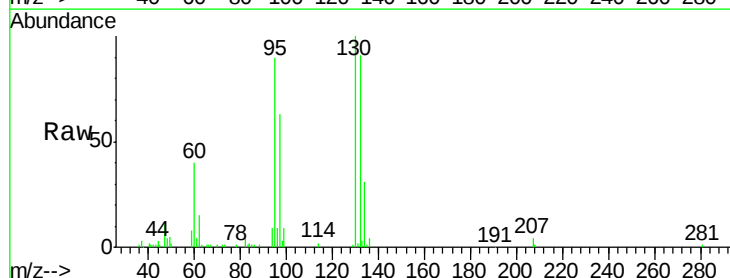


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

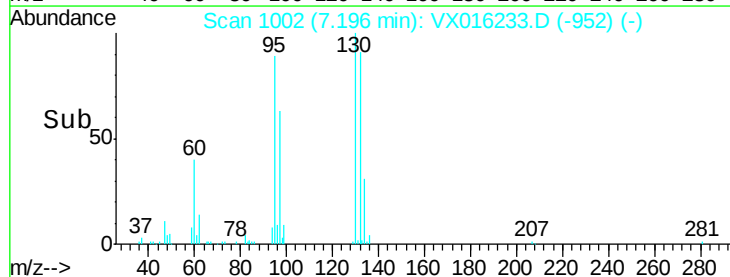
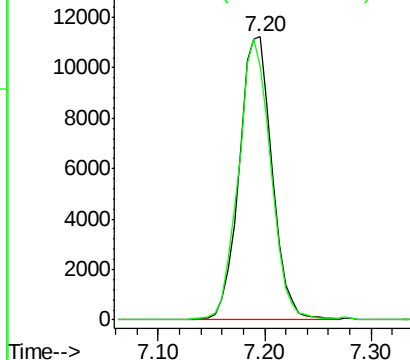


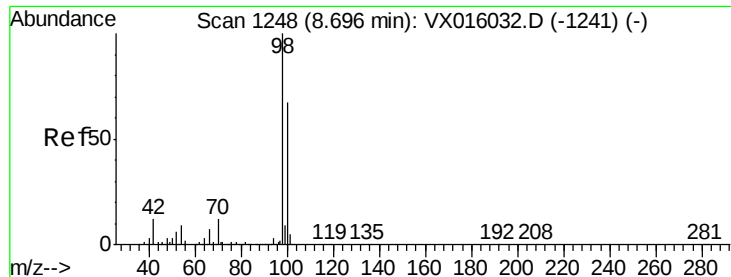
#44
Trichloroethene
Concen: 5.75 ug/l
RT: 7.20 min Scan# 1002
Delta R.T. 0.01 min
Lab File: VX016233.D
Acq: 14 May 2020 16:01

Tgt Ion:130 Resp: 24419
Ion Ratio Lower Upper
130 100
95 89.8 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.38 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

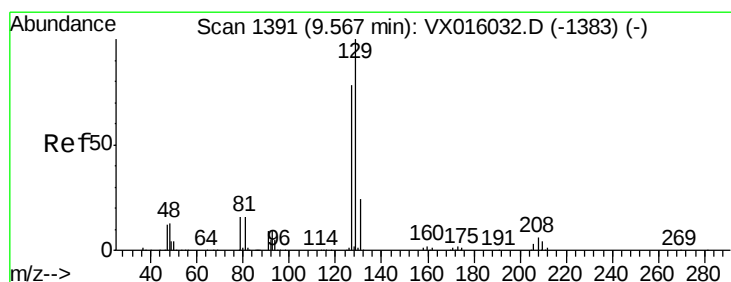
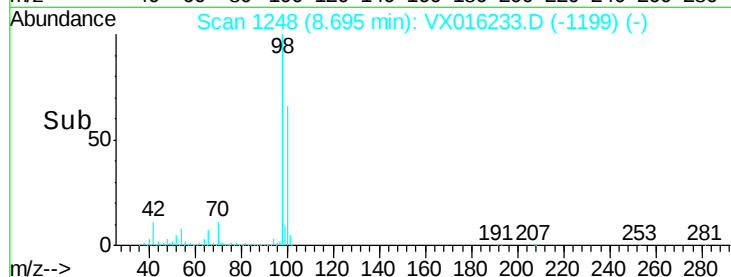
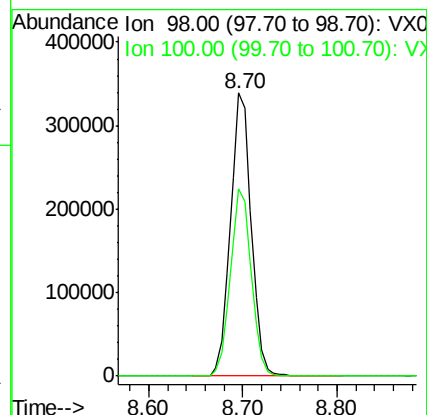
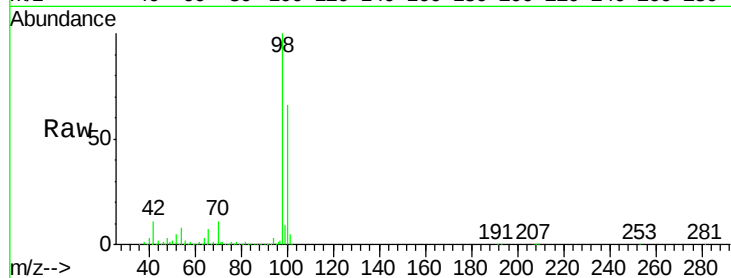
SS052MW601-200513

Tgt Ion: 98 Resp: 520867

Ion Ratio Lower Upper

98 100

100 66.7 53.7 80.5



#60

Dibromochloromethane

Concen: 0.44 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.25 min

Lab File: VX016233.D

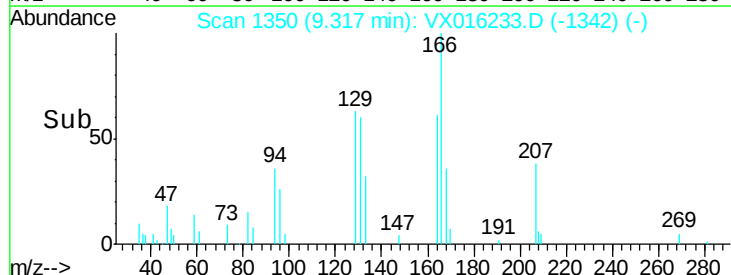
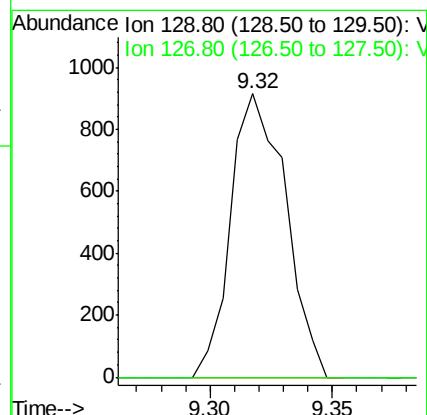
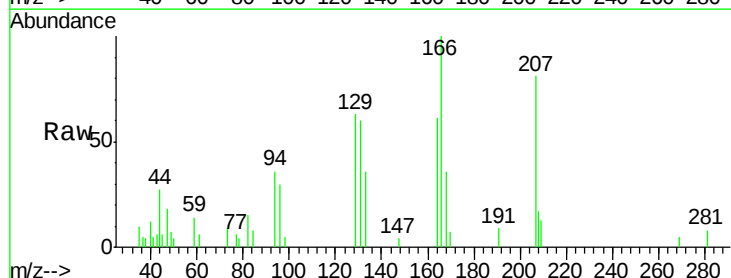
Acq: 14 May 2020 16:01

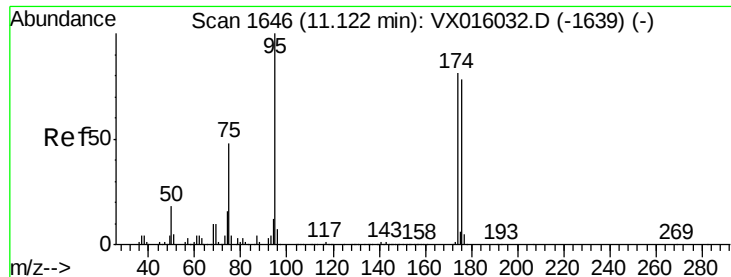
Tgt Ion: 129 Resp: 1424

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#





#62

4-Bromofluorobenzene

Concen: 52.73 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

Instrument :

MSVOA_X

ClientSampleId :

SS052MW601-200513

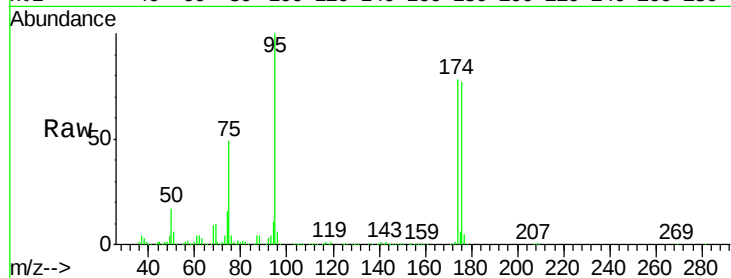
Tgt Ion: 95 Resp: 203296

Ion Ratio Lower Upper

95 100

174 80.2 0.0 159.4

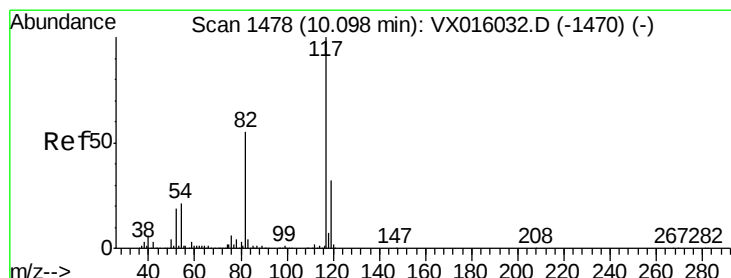
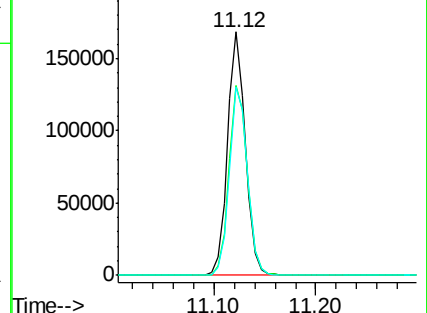
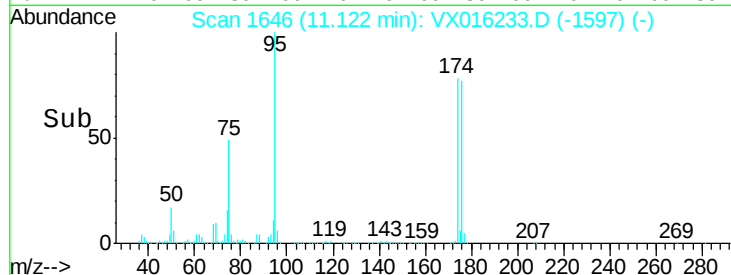
176 78.4 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016233.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016233.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016233.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016233.D

Acq: 14 May 2020 16:01

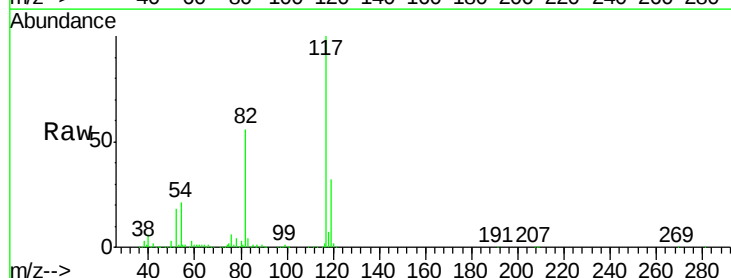
Tgt Ion: 117 Resp: 406459

Ion Ratio Lower Upper

117 100

82 56.2 44.4 66.6

119 32.1 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VX016233.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016233.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016233.D (-1429) (-)

