

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX051420\
 Data File : VX016237.D
 Acq On : 14 May 2020 17:31
 Operator : JC/SP
 Sample : L2643-16
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW750-200513

Quant Time: May 15 01:34:45 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	5.64	168	249717	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	418185	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	417651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	214056	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	156210	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
35) Dibromofluoromethane	5.48	113	126026	47.57	ug/l	0.00
Spiked Amount			Recovery	=	95.14%	
50) Toluene-d8	8.70	98	521457	51.08	ug/l	0.00
Spiked Amount			Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.12	95	207182	53.36	ug/l	0.00
Spiked Amount			Recovery	=	106.72%	

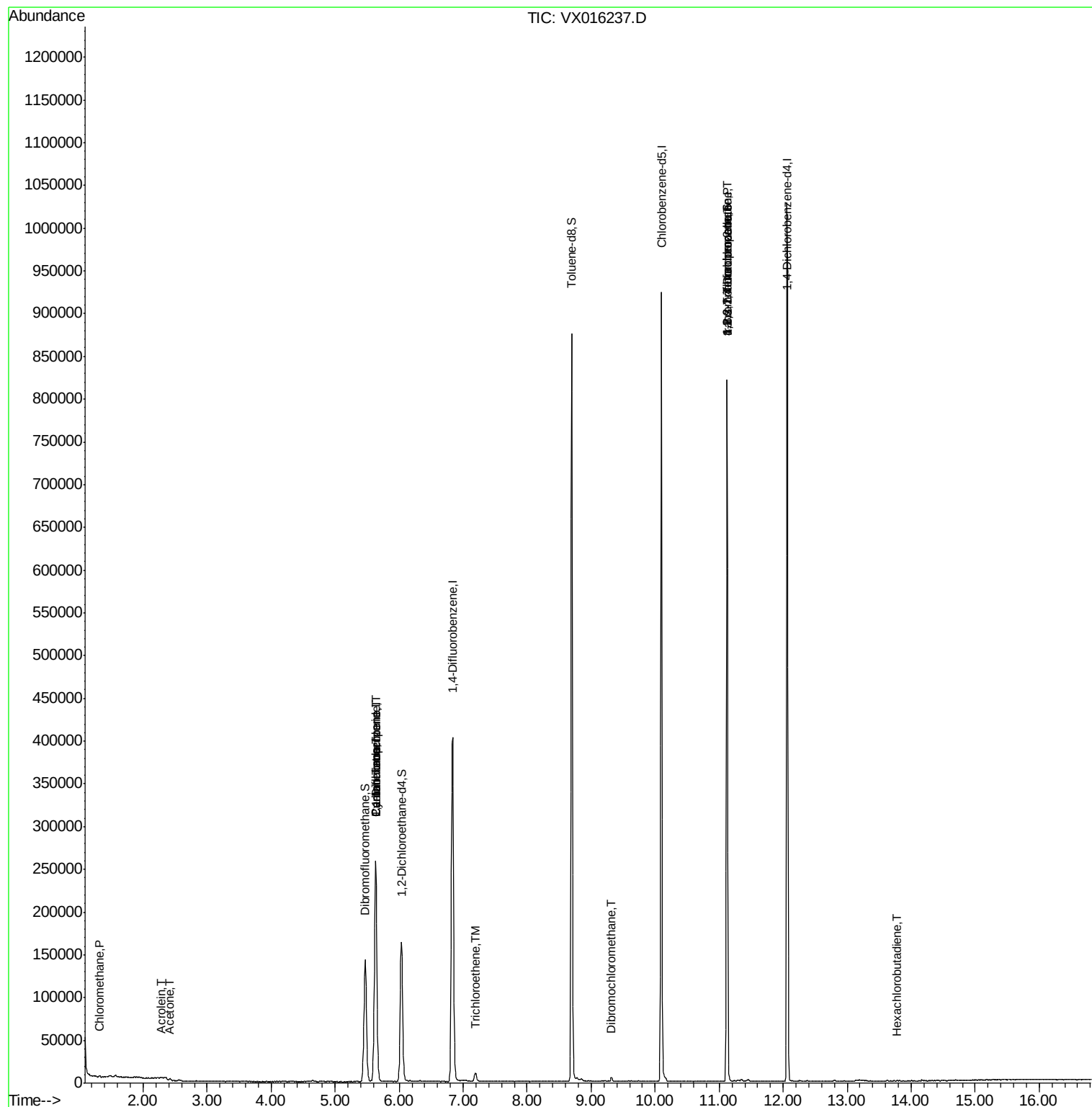
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	975	0.32	ug/l	91
13) Acrolein	2.28	56	425	0.82	ug/l	95
16) Acetone	2.42	43	2124	1.45	ug/l	91
17) Carbon Disulfide	2.56	76	1396	Below Cal	#	84
31) Cyclohexane	5.63	56	5060	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	18428	4.48	ug/l #	49
38) Carbon Tetrachloride	5.63	117	23975	5.73	ug/l #	14
44) Trichloroethene	7.19	130	3656	0.85	ug/l	99
60) Dibromochloromethane	9.32	129	679	0.21	ug/l #	11
75) 1,1,2,2-Tetrachloroethane	11.12	83	131	2.09	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	102800	21.16	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.12	75	102800	50.43	ug/l #	13
94) Hexachlorobutadiene	13.77	225	20	0.53	ug/l #	18

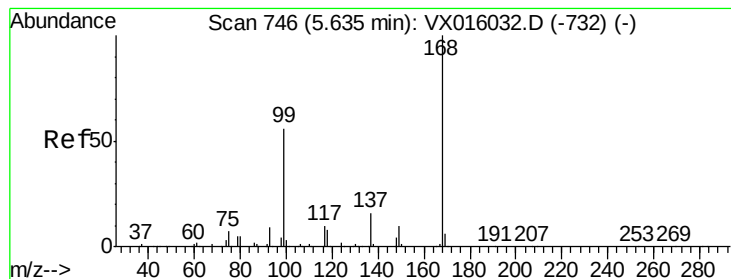
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

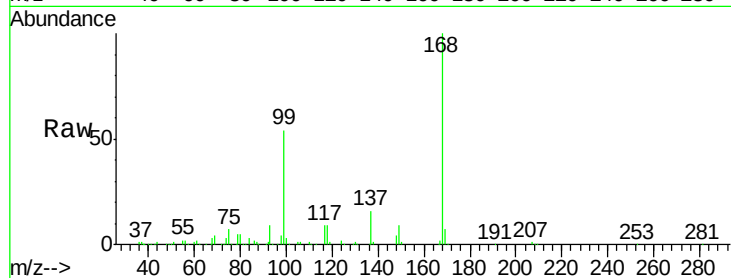
SS052MW750-200513

Tgt Ion:168 Resp: 249717

Ion Ratio Lower Upper

168 100

99 54.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

100000

80000

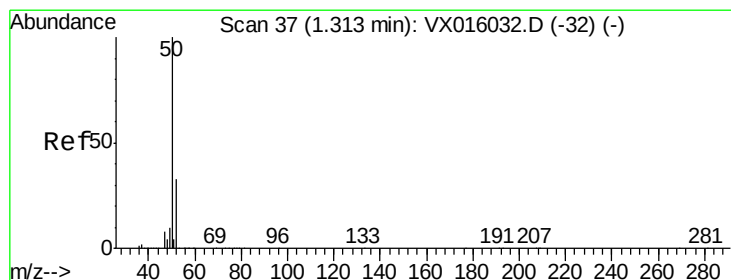
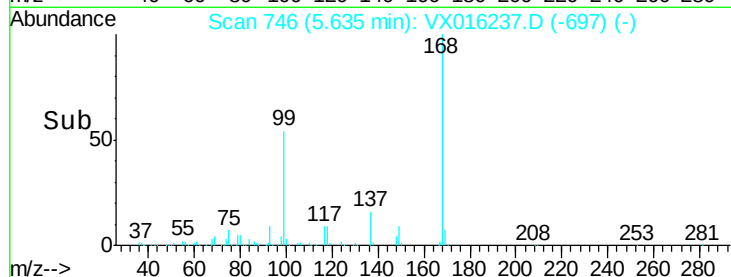
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.32 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016237.D

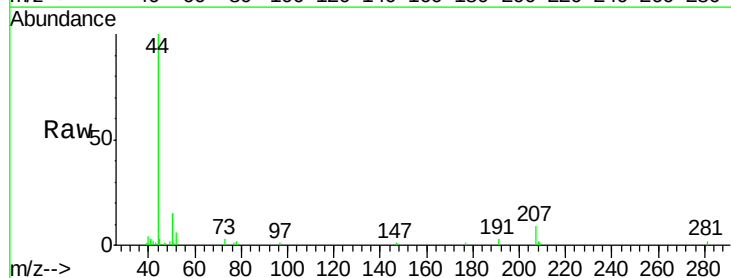
Acq: 14 May 2020 17:31

Tgt Ion: 50 Resp: 975

Ion Ratio Lower Upper

50 100

52 37.8 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

800

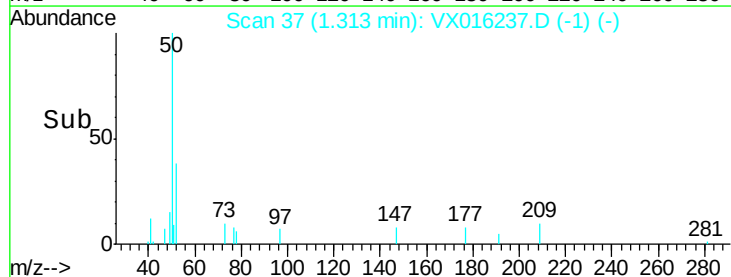
600

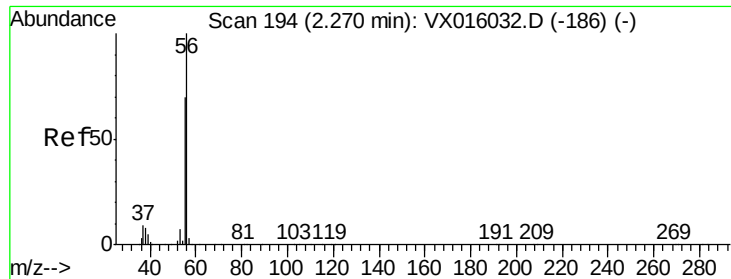
400

200

0

Time-->





#13

Acrolein

Concen: 0.82 ug/l

RT: 2.28 min Scan# 196

Delta R.T. 0.01 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

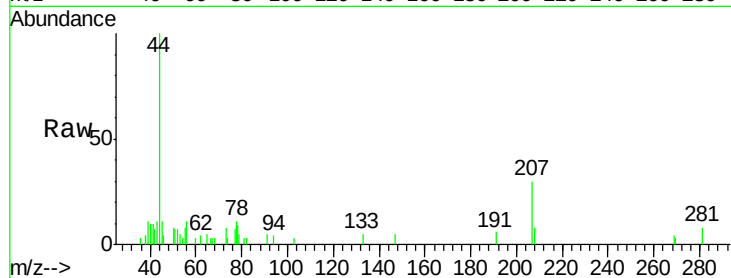
SS052MW750-200513

Tgt Ion: 56 Resp: 425

Ion Ratio Lower Upper

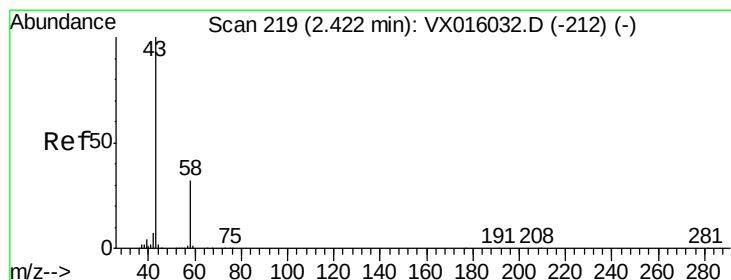
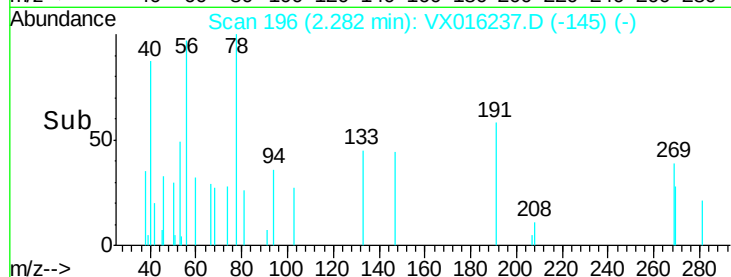
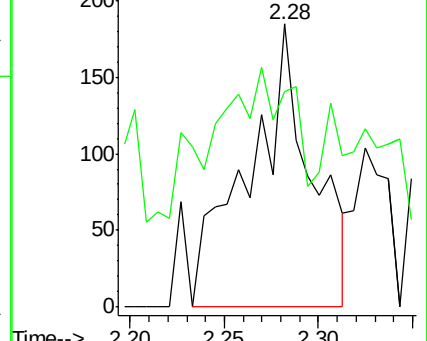
56 100

55 66.1 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: 1.45 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016237.D

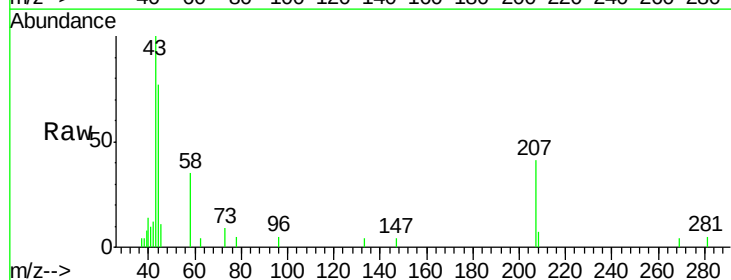
Acq: 14 May 2020 17:31

Tgt Ion: 43 Resp: 2124

Ion Ratio Lower Upper

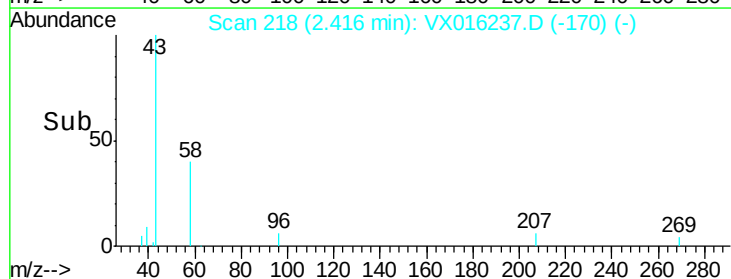
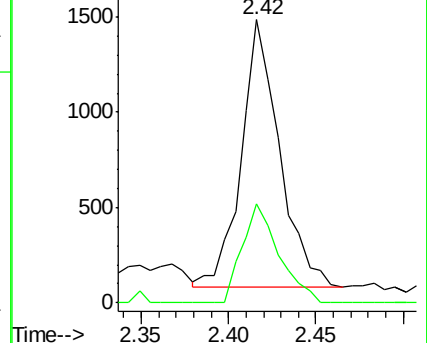
43 100

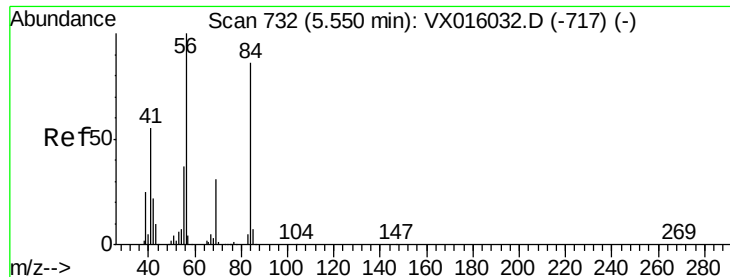
58 36.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

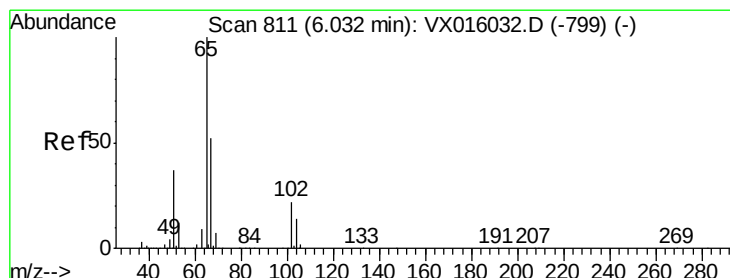
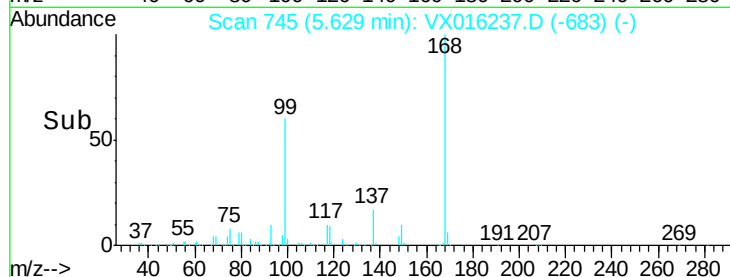
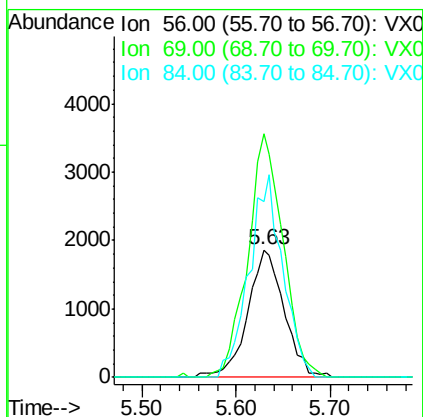
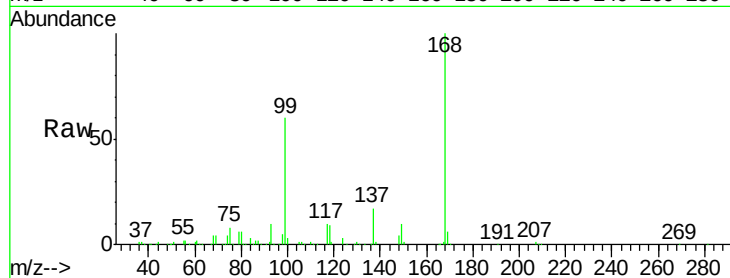




#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.08 min
Lab File: VX016237.D
Acq: 14 May 2020 17:31

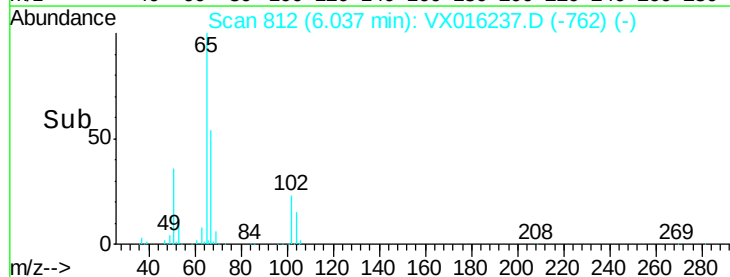
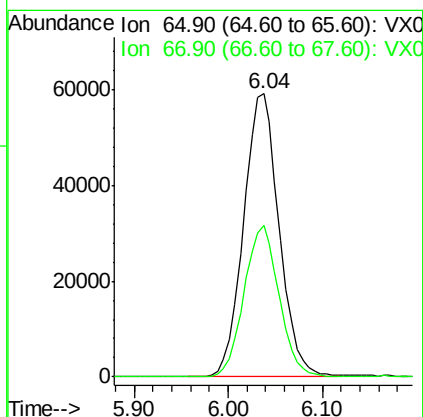
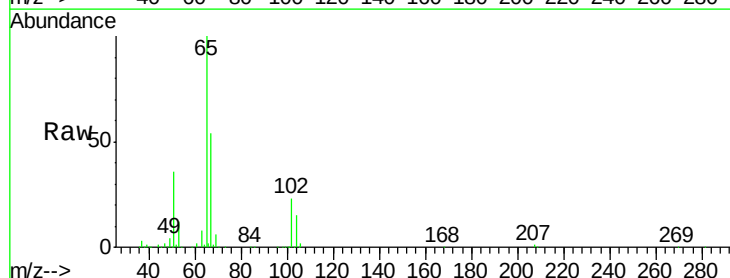
Instrument :
MSVOA_X
ClientSampleId :
SS052MW750-200513

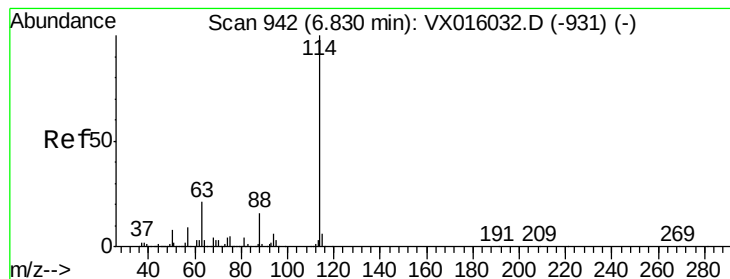
Tgt Ion: 56 Resp: 5060
Ion Ratio Lower Upper
56 100
69 191.3 25.0 37.6#
84 137.9 69.0 103.6#



#33
1,2-Dichloroethane-d4
Concen: 47.54 ug/l
RT: 6.04 min Scan# 812
Delta R.T. 0.01 min
Lab File: VX016237.D
Acq: 14 May 2020 17:31

Tgt Ion: 65 Resp: 156210
Ion Ratio Lower Upper
65 100
67 52.9 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: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-200513

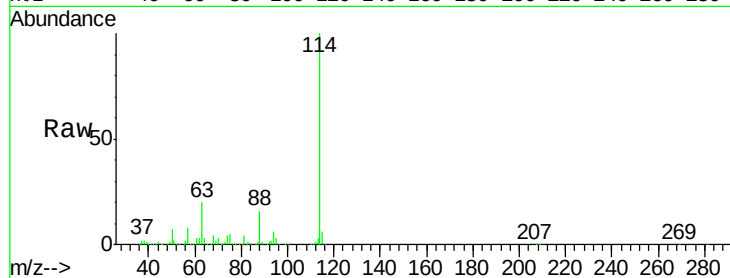
Tgt Ion:114 Resp: 418185

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

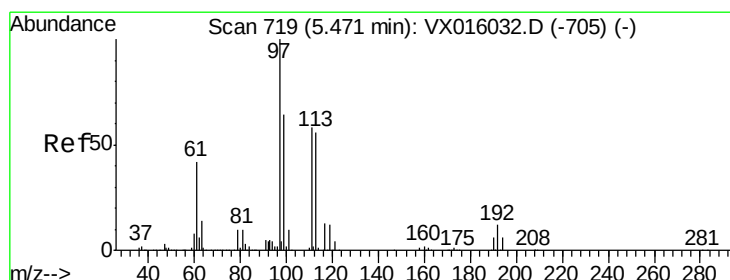
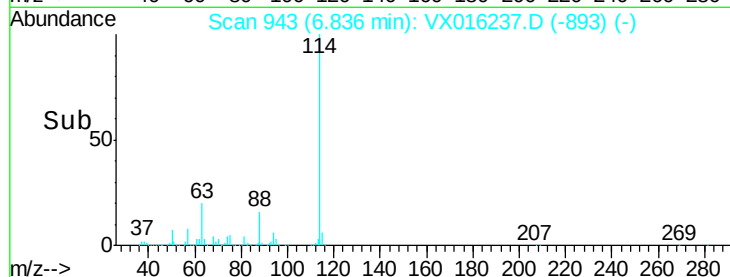
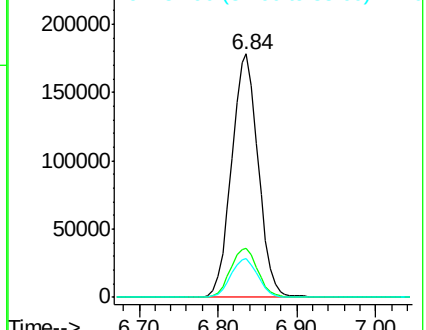
88 15.8 0.0 31.4



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: 47.57 ug/l

RT: 5.48 min Scan# 720

Delta R.T. 0.01 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

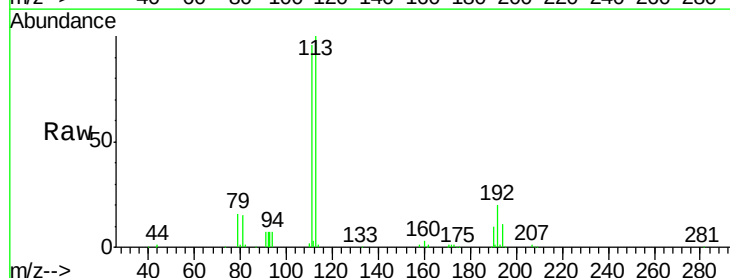
Tgt Ion:113 Resp: 126026

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

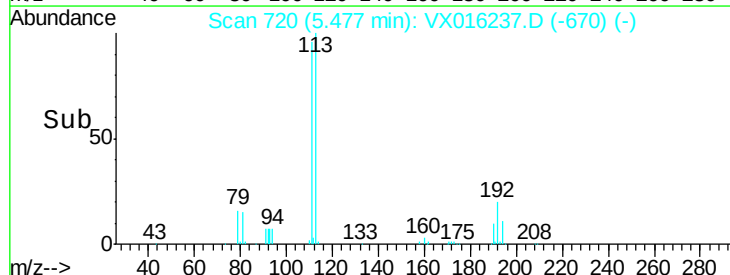
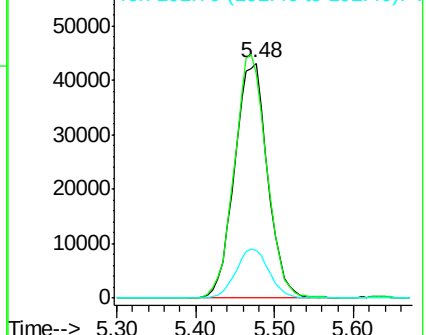
192 21.1 17.0 25.4

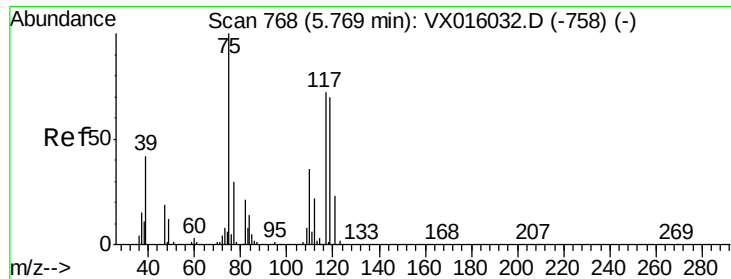


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.48 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

SS052MW750-200513

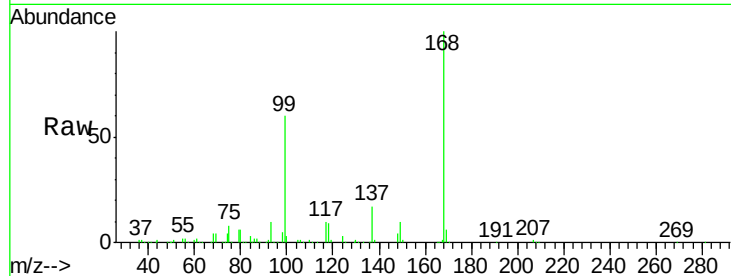
Tgt Ion: 75 Resp: 18428

Ion Ratio Lower Upper

75 100

110 9.2 18.1 54.1#

77 0.0 25.0 37.6#

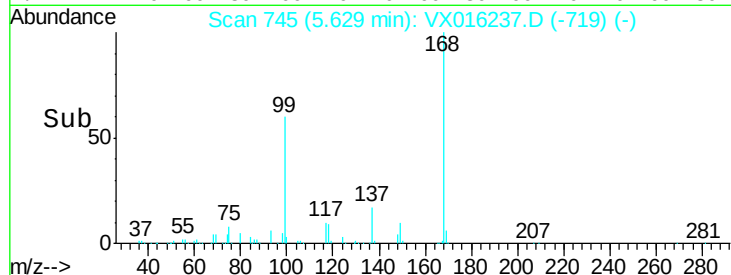


Abundance Ion 74.90 (74.60 to 75.60): VX016032.D (-758) (-)

Ion 109.90 (109.60 to 110.60): VX016032.D (-758) (-)

Ion 76.90 (76.60 to 77.60): VX016032.D (-758) (-)

Time-->

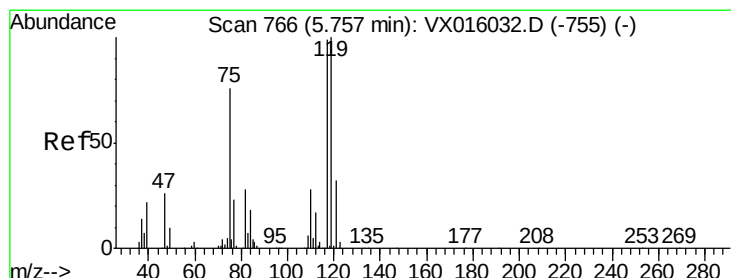


Abundance Ion 74.90 (74.60 to 75.60): VX016032.D (-758) (-)

Ion 109.90 (109.60 to 110.60): VX016032.D (-758) (-)

Ion 76.90 (76.60 to 77.60): VX016032.D (-758) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 5.73 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

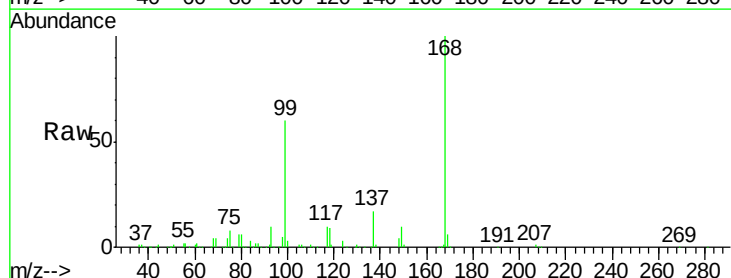
Tgt Ion: 117 Resp: 23975

Ion Ratio Lower Upper

117 100

119 5.7 80.3 120.5#

121 0.0 25.7 38.5#

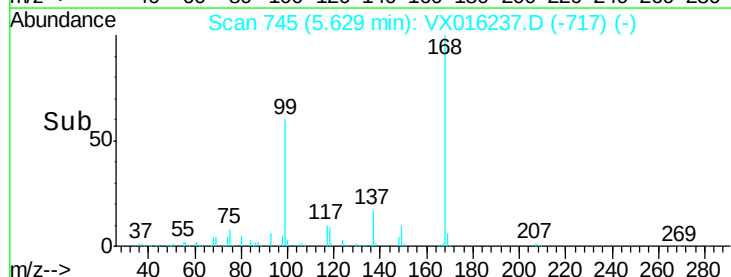


Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-755) (-)

Ion 118.80 (118.50 to 119.50): VX016032.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016032.D (-755) (-)

Time-->

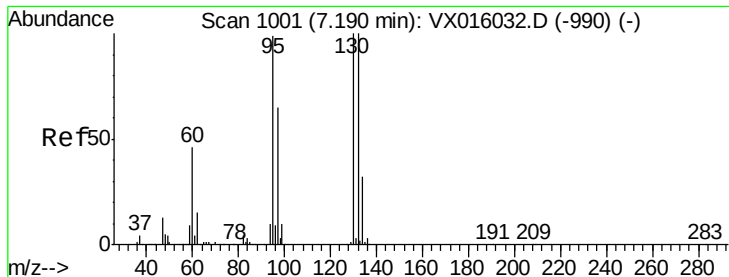


Abundance Ion 116.80 (116.50 to 117.50): VX016032.D (-755) (-)

Ion 118.80 (118.50 to 119.50): VX016032.D (-755) (-)

Ion 120.80 (120.50 to 121.50): VX016032.D (-755) (-)

Time-->



#44

Trichloroethene

Concen: 0.85 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016237.D

Acq: 14 May 2020 17:31

Instrument :

MSVOA_X

ClientSampleId :

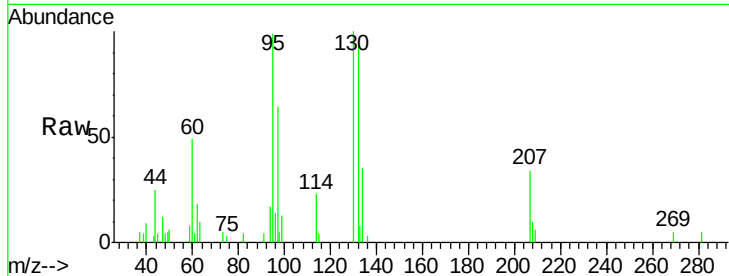
SS052MW750-200513

Tgt Ion:130 Resp: 3656

Ion Ratio Lower Upper

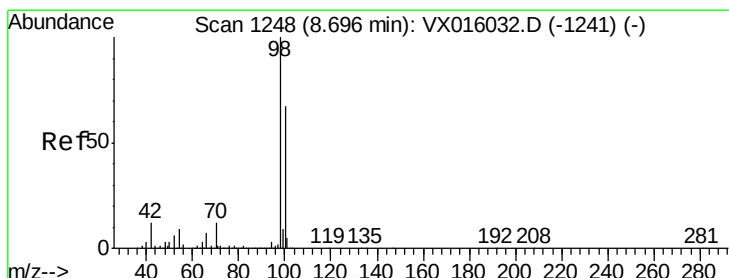
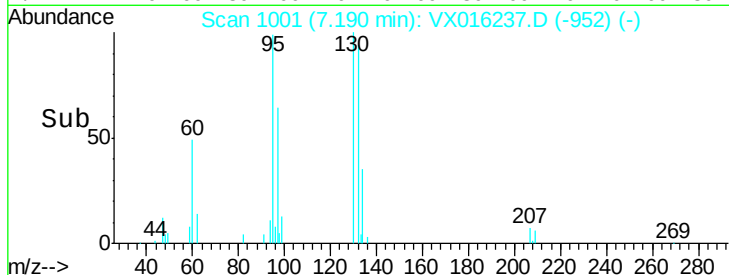
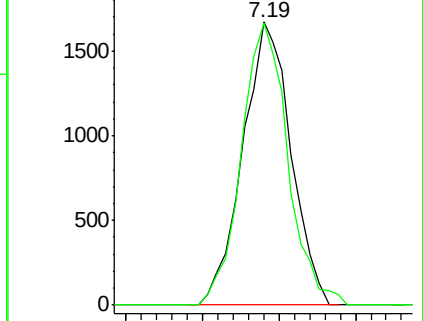
130 100

95 99.5 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: 51.08 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016237.D

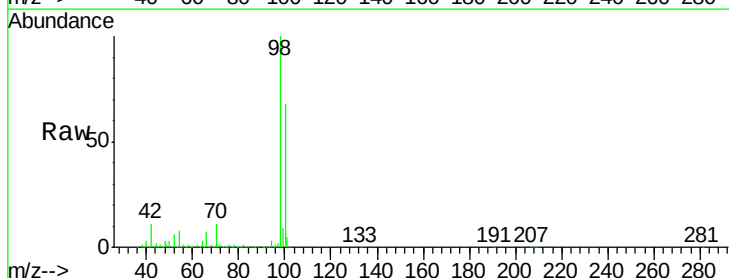
Acq: 14 May 2020 17:31

Tgt Ion: 98 Resp: 521457

Ion Ratio Lower Upper

98 100

100 67.1 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

