

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016525.D
 Acq On : 01 Jun 2020 13:50
 Operator : JC/SP
 Sample : L2802-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-200527

Quant Time: Jun 02 08:33:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	460192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	463332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	246736	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	165980	46.35	ug/l	0.00
Spiked Amount			Recovery	=	92.70%	
35) Dibromofluoromethane	5.46	113	134313	47.40	ug/l	0.00
Spiked Amount			Recovery	=	94.80%	
50) Toluene-d8	8.70	98	573403	51.99	ug/l	0.00
Spiked Amount			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.12	95	241592	56.69	ug/l	0.00
Spiked Amount			Recovery	=	113.38%	

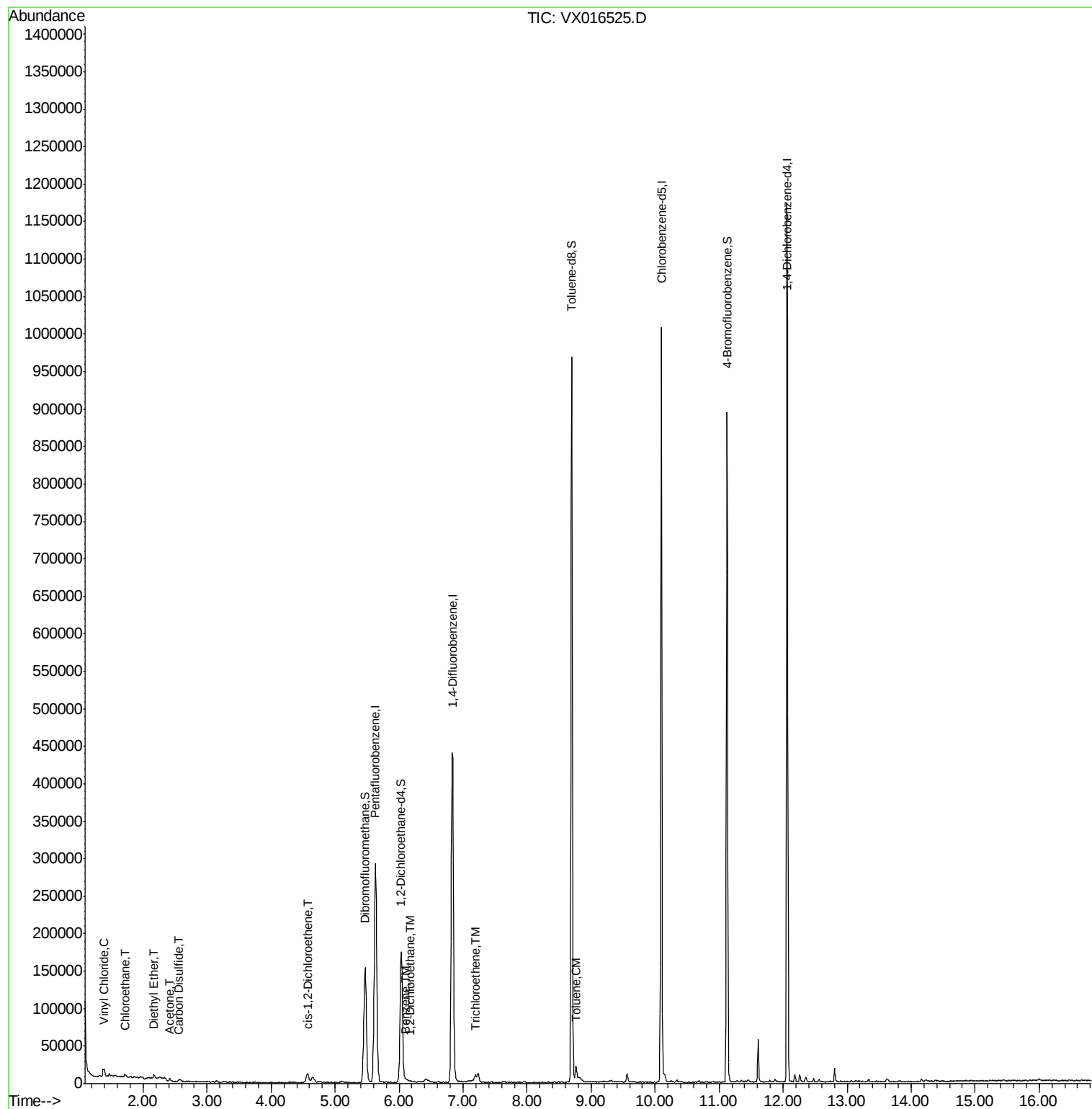
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	5883	1.622	ug/l	90
6) Chloroethane	1.72	64	2202	1.041	ug/l #	85
8) Diethyl Ether	2.17	74	2280	1.148	ug/l	88
16) Acetone	2.42	43	4390	2.798	ug/l	99
17) Carbon Disulfide	2.56	76	4426	0.537	ug/l #	92
27) cis-1,2-Dichloroethene	4.57	96	8108	2.284	ug/l	88
40) Benzene	6.11	78	3229	0.249	ug/l	92
42) 1,2-Dichloroethane	6.18	62	1695	0.367	ug/l	92
44) Trichloroethene	7.19	130	3463	0.841	ug/l	96
52) Toluene	8.77	92	6526	0.798	ug/l	99

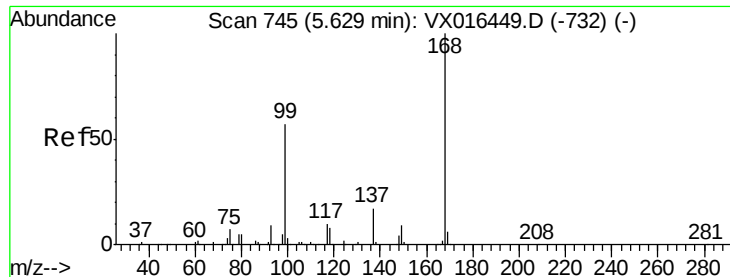
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

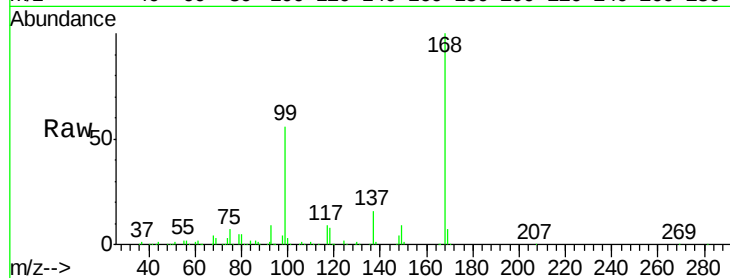
SS050MW513-200527

Tot Ion:168 Resp: 288358

Ion Ratio Lower Upper

168 100

99 56.3 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

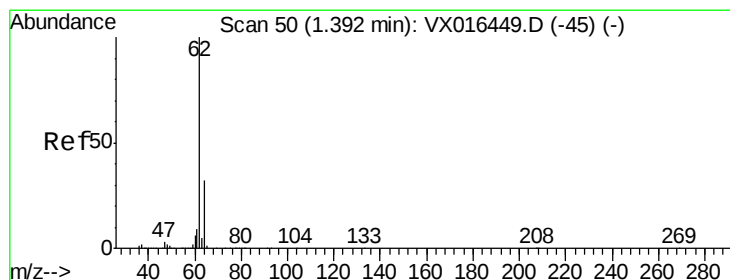
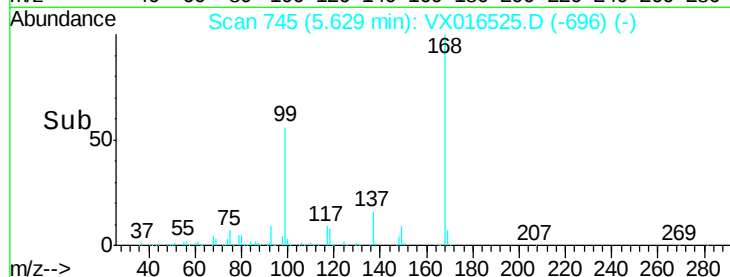
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 1.622 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016525.D

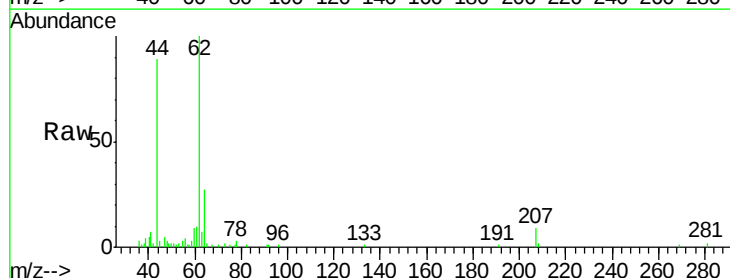
Acq: 01 Jun 2020 13:50

Tgt Ion: 62 Resp: 5883

Ion Ratio Lower Upper

62 100

64 27.0 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

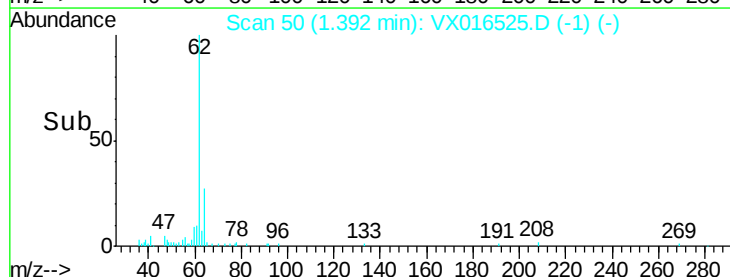
6000

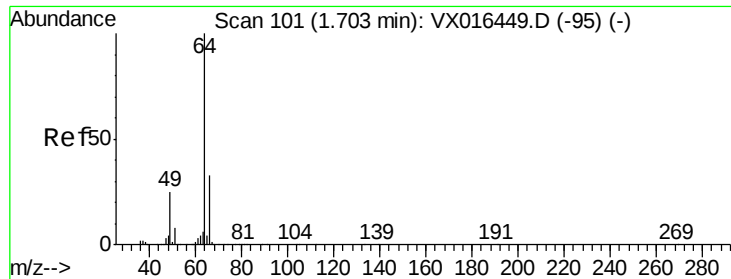
4000

2000

0

Time-->





#6

Chloroethane

Concen: 1.041 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

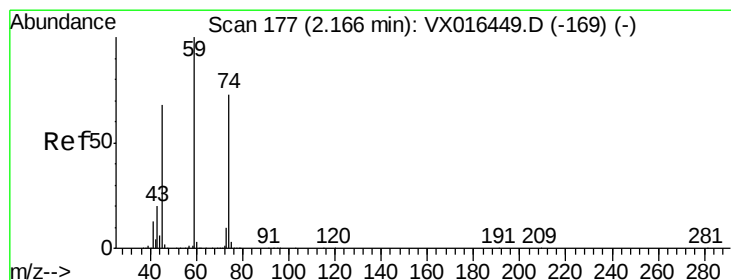
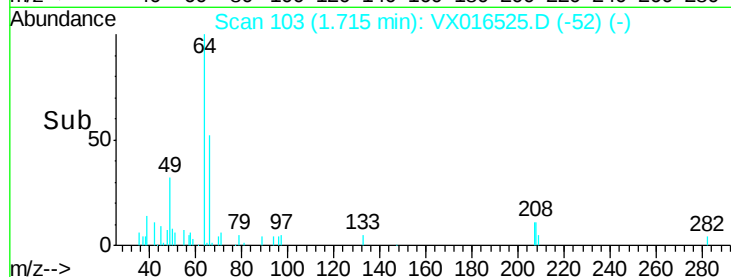
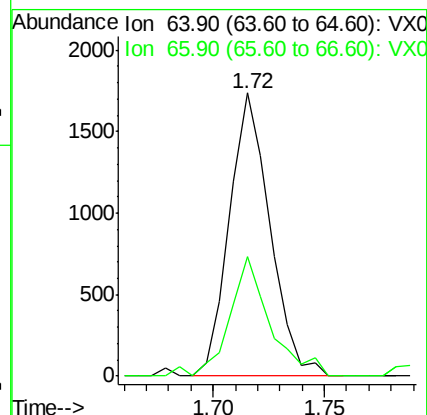
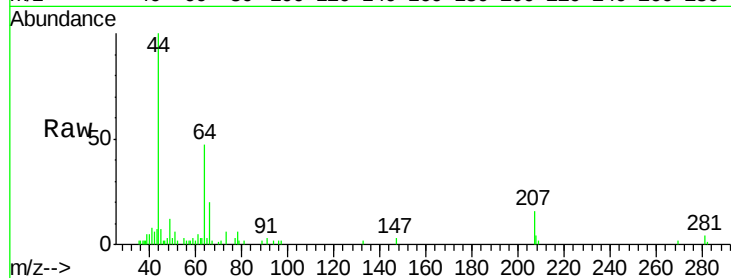
SS050MW513-200527

Tot Ion: 64 Resp: 2202

Ion Ratio Lower Upper

64 100

66 42.1 26.7 40.1#



#8

Diethyl Ether

Concen: 1.148 ug/l

RT: 2.17 min Scan# 178

Delta R.T. 0.01 min

Lab File: VX016525.D

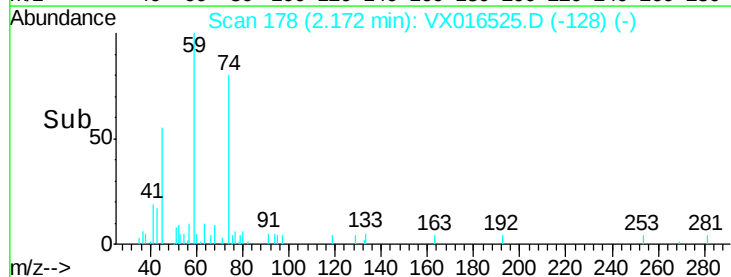
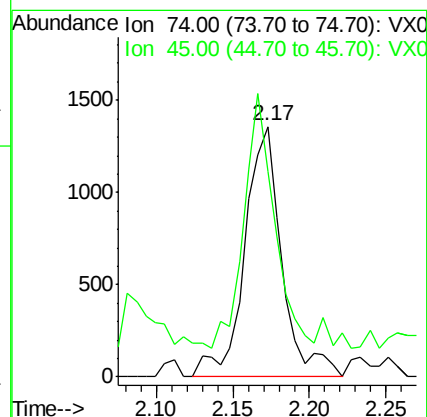
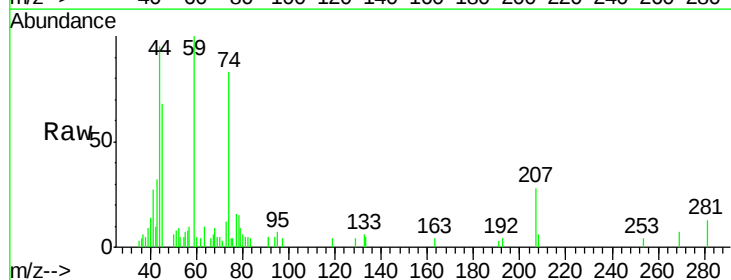
Acq: 01 Jun 2020 13:50

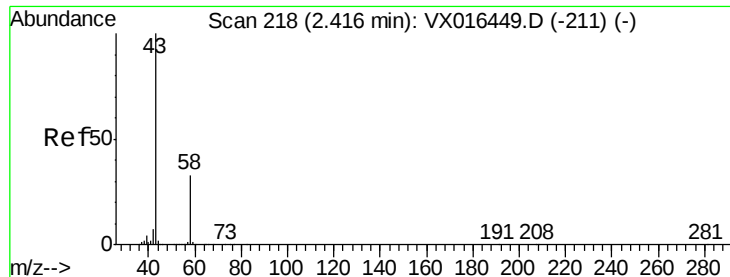
Tgt Ion: 74 Resp: 2280

Ion Ratio Lower Upper

74 100

45 83.0 47.5 142.5





#16

Acetone

Concen: 2.798 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

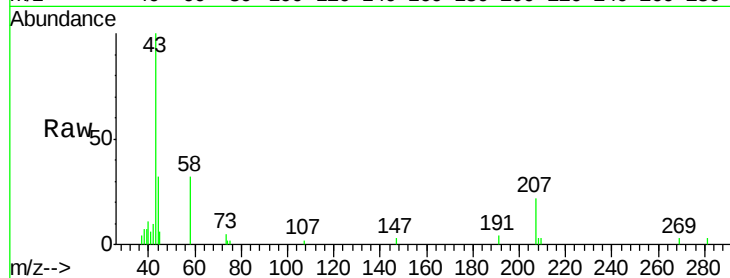
SS050MW513-200527

Tot Ion: 43 Resp: 4390

Ion Ratio Lower Upper

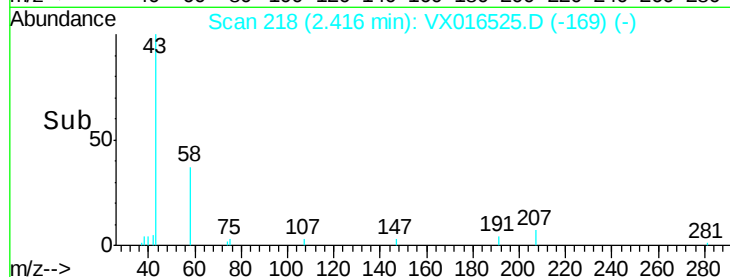
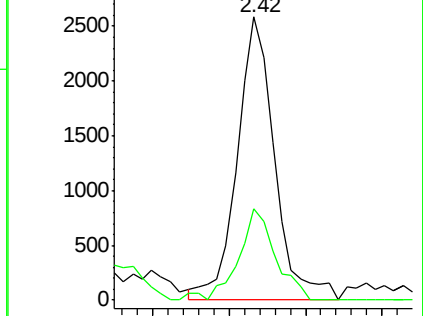
43 100

58 32.2 26.1 39.1

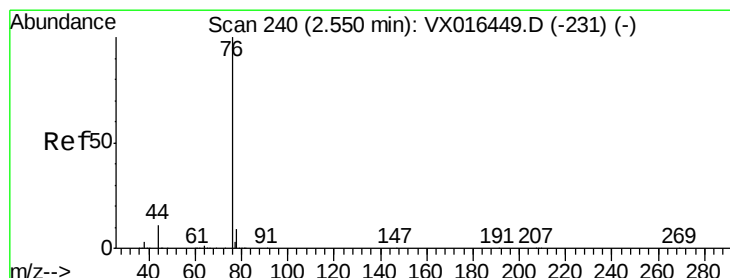


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#17

Carbon Disulfide

Concen: 0.537 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016525.D

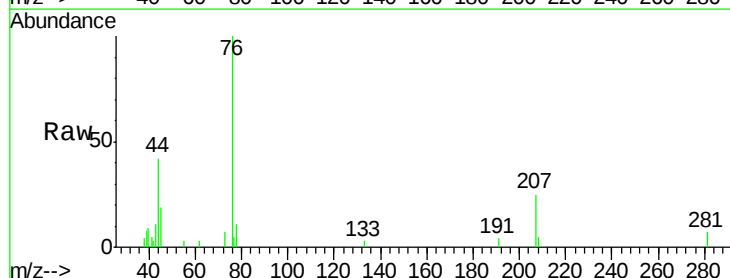
Acq: 01 Jun 2020 13:50

Tgt Ion: 76 Resp: 4426

Ion Ratio Lower Upper

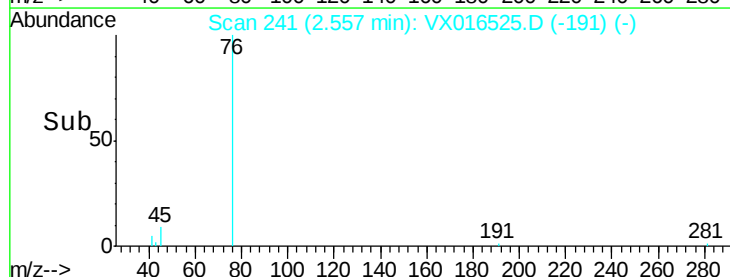
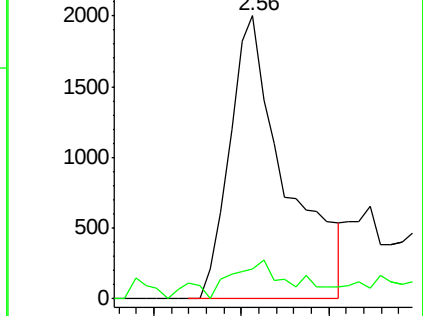
76 100

78 6.3 7.4 11.0#

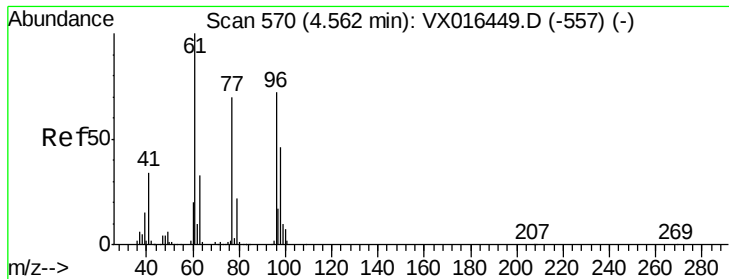


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->

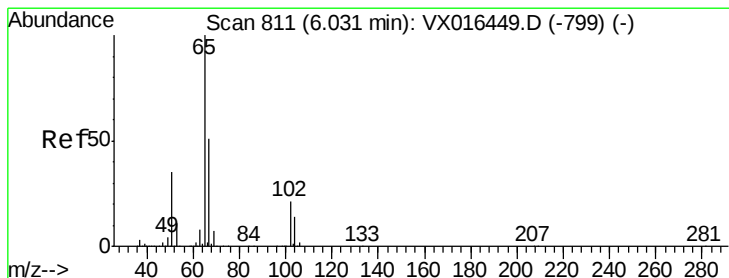
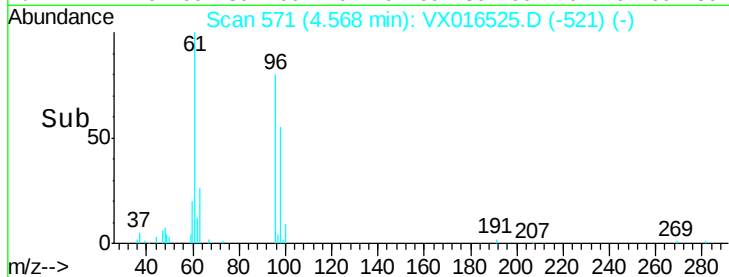
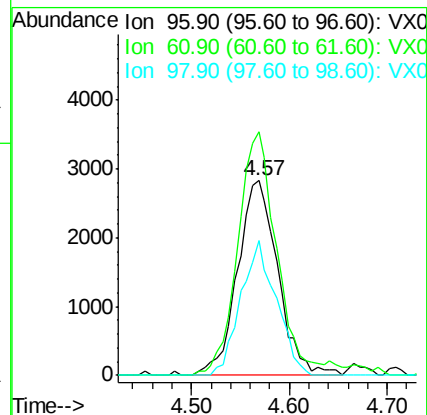
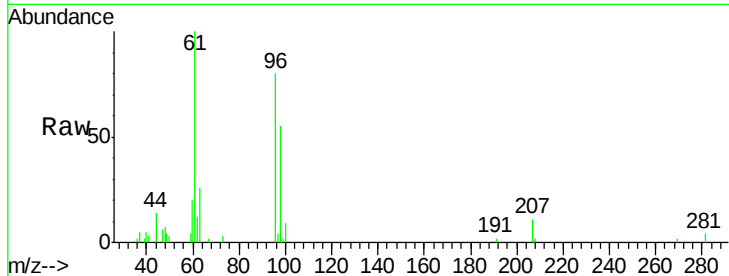


#27

cis-1,2-Dichloroethene
 Concen: 2.284 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016525.D
 Acq: 01 Jun 2020 13:50

Instrument :
 MSVOA_X
 ClientSampleId :
 SS050MW513-200527

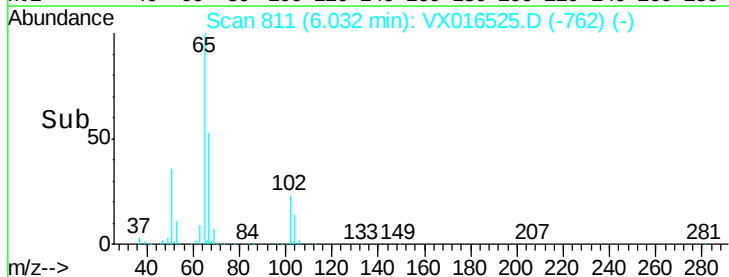
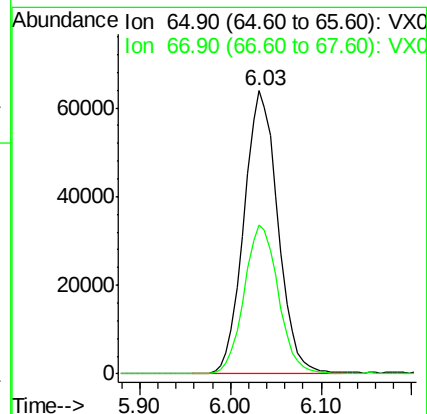
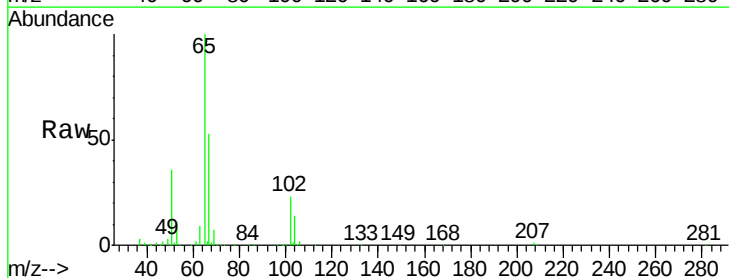
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.9	0.0	284.6
98	61.3	0.0	127.2

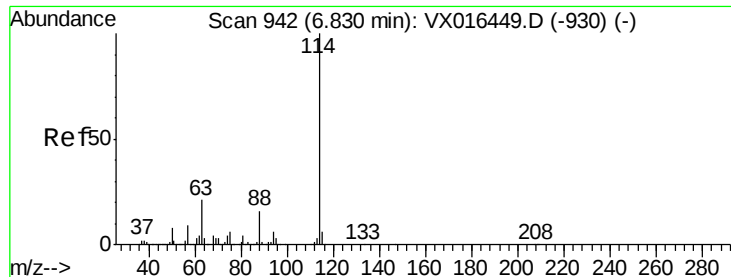


#33

1,2-Dichloroethane-d4
 Concen: 46.350 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016525.D
 Acq: 01 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

SS050MW513-200527

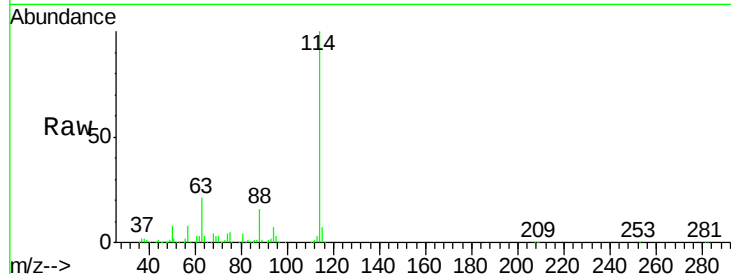
Tot Ion:114 Resp: 460192

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

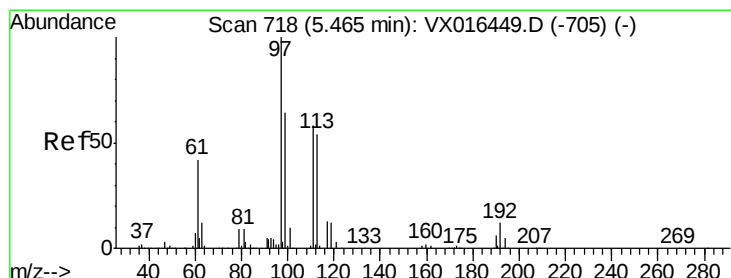
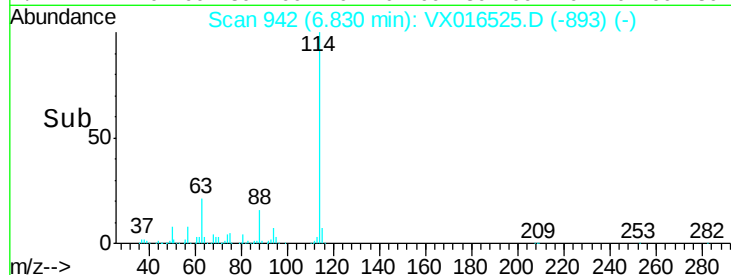
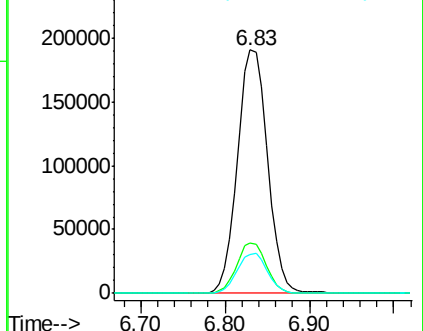
88 16.1 0.0 32.8



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: 47.400 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

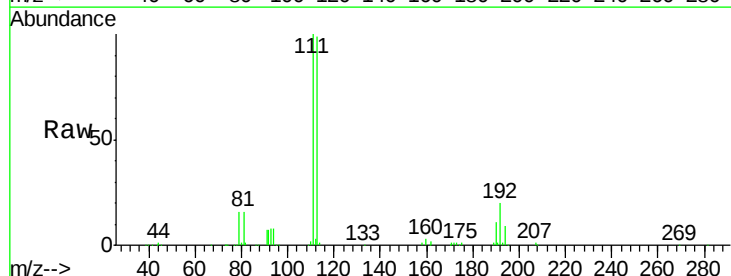
Tgt Ion:113 Resp: 134313

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

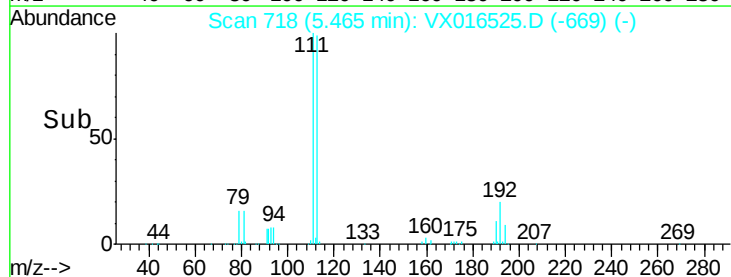
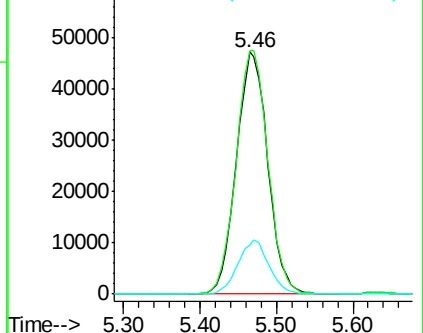
192 22.0 17.7 26.5

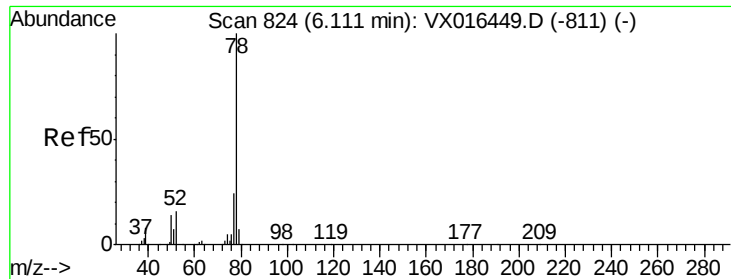


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 0.249 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

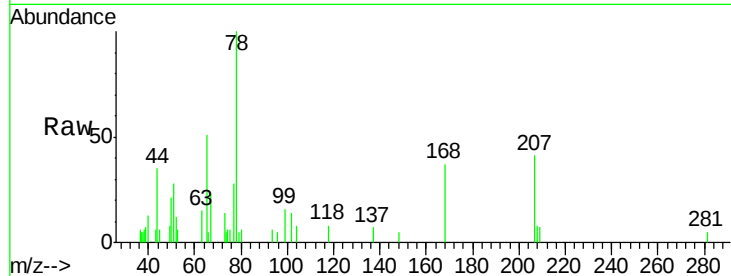
SS050MW513-200527

Tot Ion: 78 Resp: 3229

Ion Ratio Lower Upper

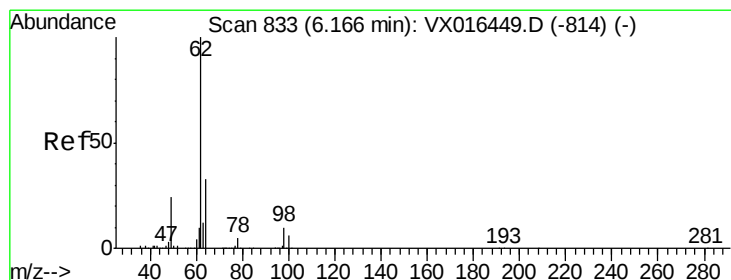
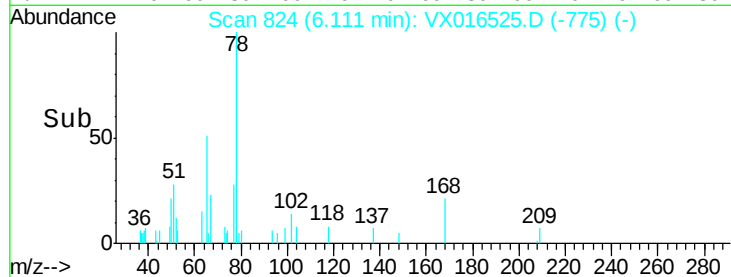
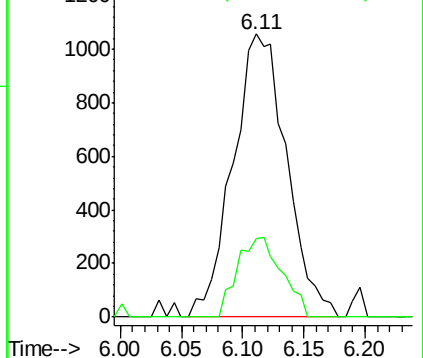
78 100

77 27.5 18.9 28.3



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#42

1,2-Dichloroethane

Concen: 0.367 ug/l

RT: 6.18 min Scan# 835

Delta R.T. 0.01 min

Lab File: VX016525.D

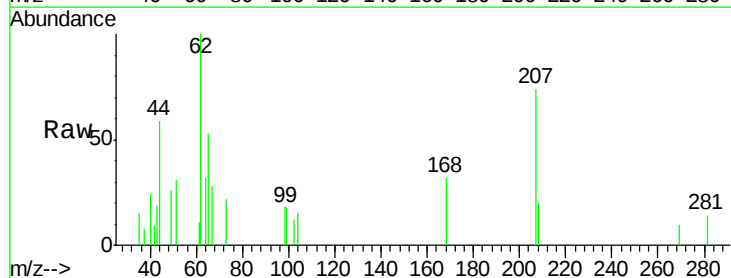
Acq: 01 Jun 2020 13:50

Tgt Ion: 62 Resp: 1695

Ion Ratio Lower Upper

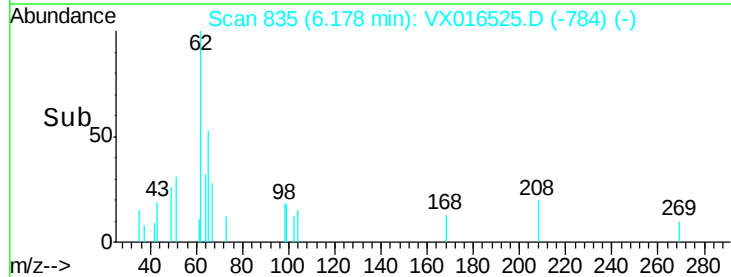
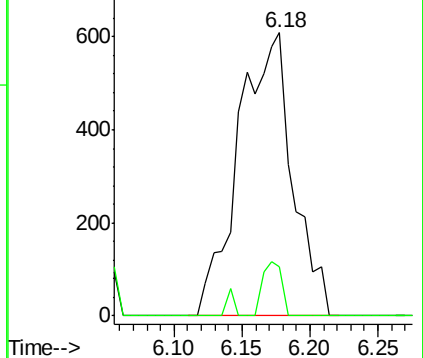
62 100

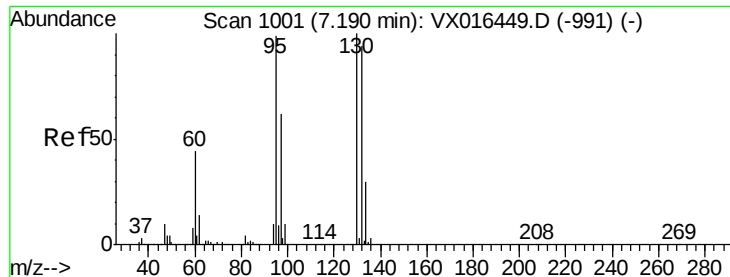
98 6.9 0.0 19.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 0.841 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

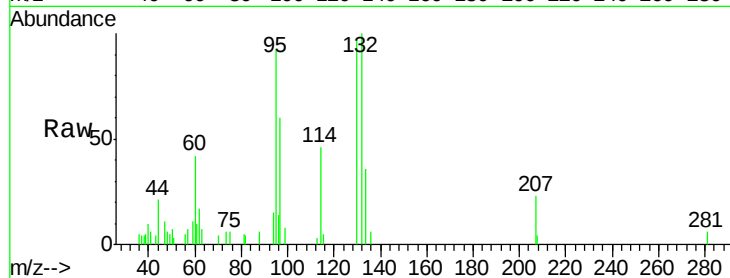
SS050MW513-200527

Tot Ion:130 Resp: 3463

Ion Ratio Lower Upper

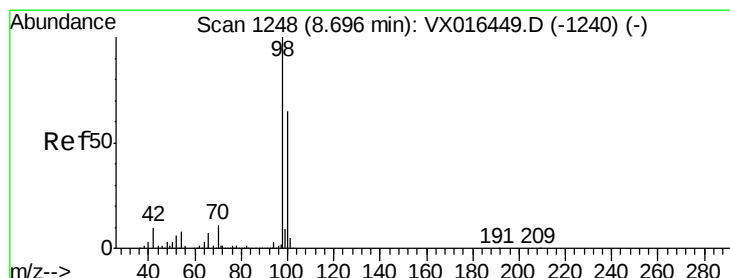
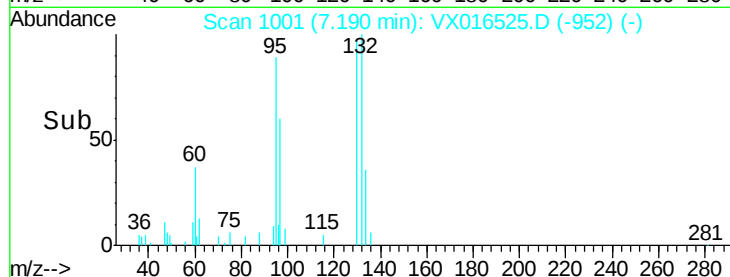
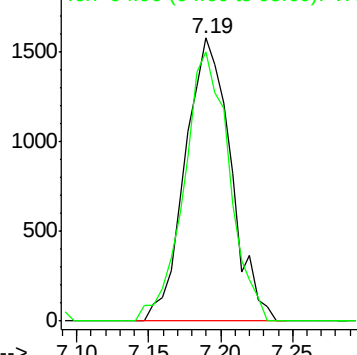
130 100

95 95.3 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.990 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016525.D

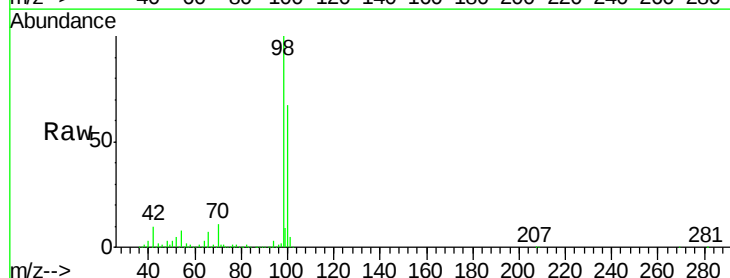
Acq: 01 Jun 2020 13:50

Tgt Ion: 98 Resp: 573403

Ion Ratio Lower Upper

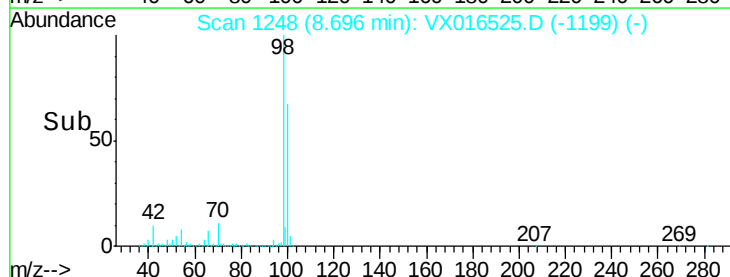
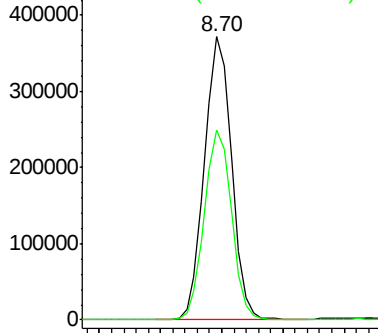
98 100

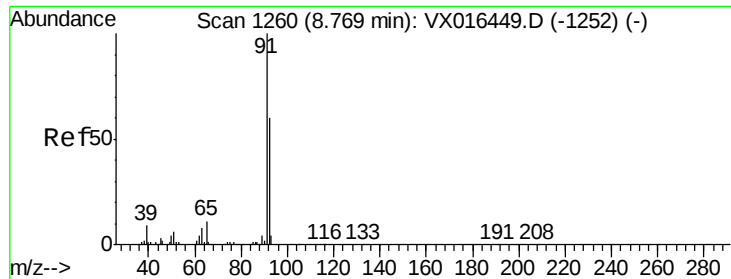
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.798 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

Instrument :

MSVOA_X

ClientSampleId :

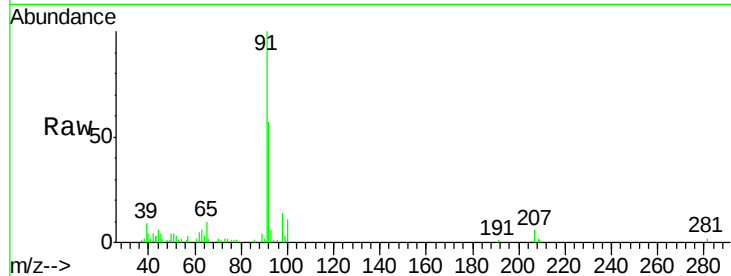
SS050MW513-200527

Tot Ion: 92 Resp: 6526

Ion Ratio Lower Upper

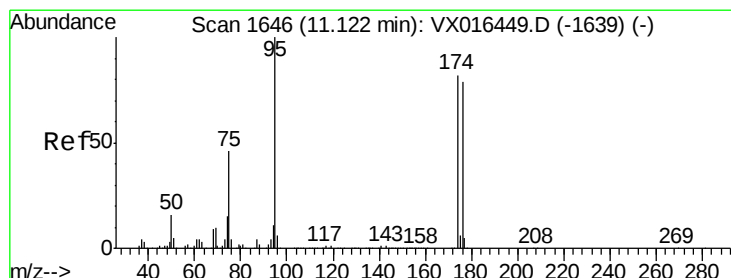
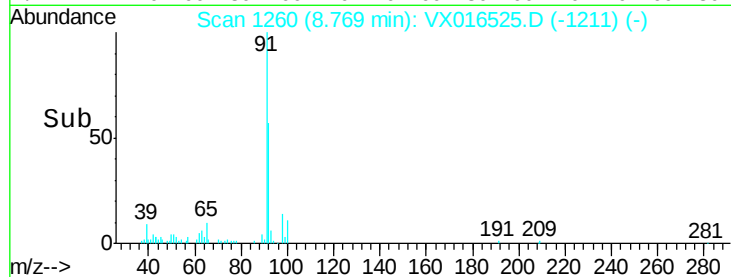
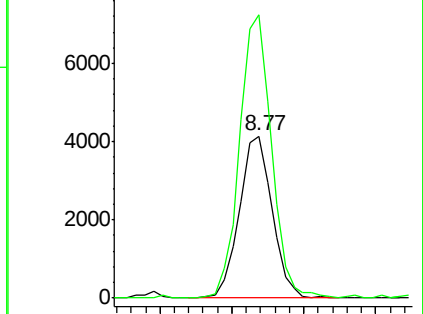
92 100

91 170.3 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 56.690 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016525.D

Acq: 01 Jun 2020 13:50

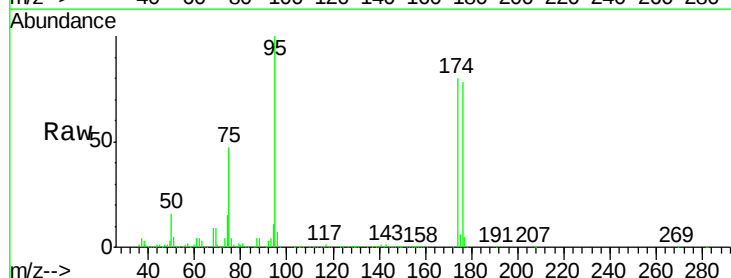
Tgt Ion: 95 Resp: 241592

Ion Ratio Lower Upper

95 100

174 81.3 0.0 163.0

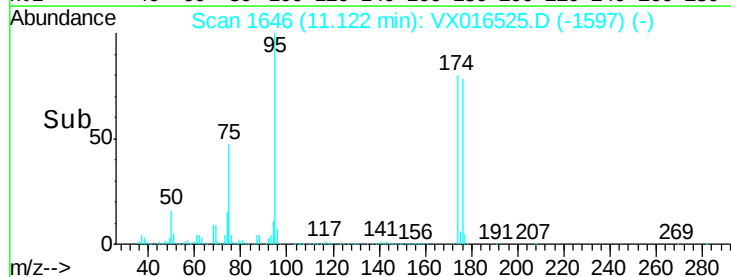
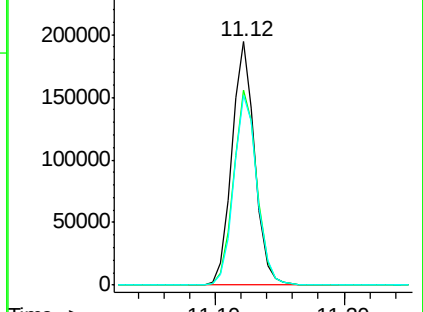
176 79.4 0.0 156.8

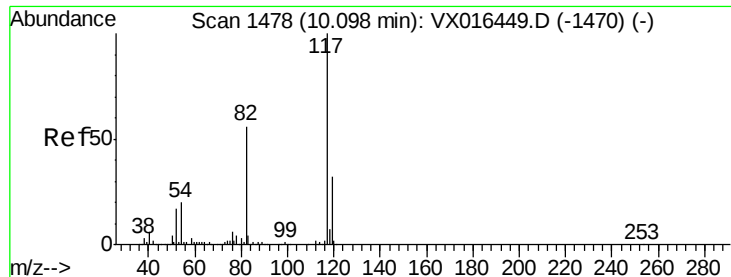


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

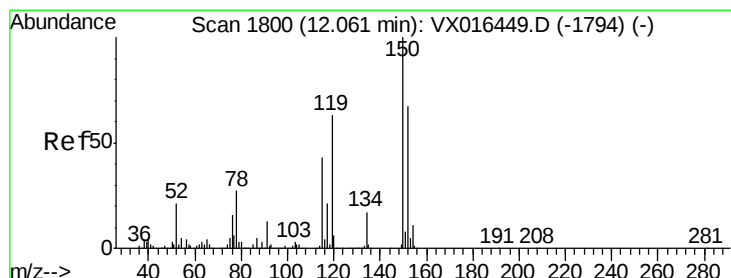
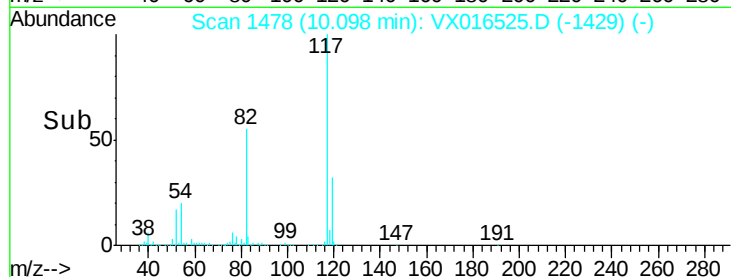
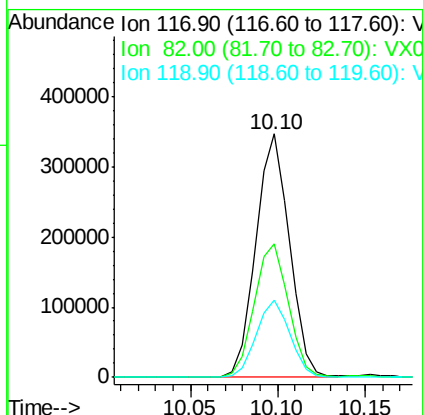
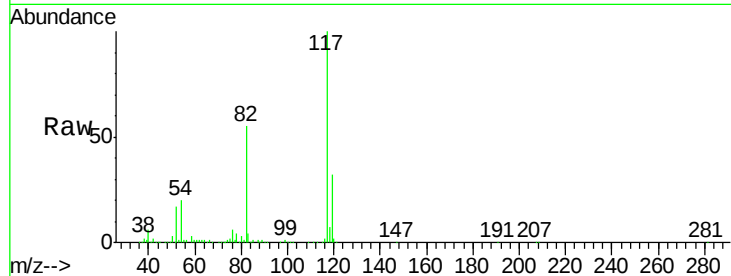




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016525.D
Acq: 01 Jun 2020 13:50

Instrument :
MSVOA_X
ClientSampleId :
SS050MW513-200527

Tot Ion:117 Resp: 463332
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 31.9 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016525.D
Acq: 01 Jun 2020 13:50

Tgt Ion:152 Resp: 246736
Ion Ratio Lower Upper
152 100
115 58.1 39.9 119.6
150 155.9 0.0 341.0

