

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016570.D
 Acq On : 03 Jun 2020 16:43
 Operator : JC/SP
 Sample : L2867-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-MMW3414

Quant Time: Jun 04 09:10:08 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

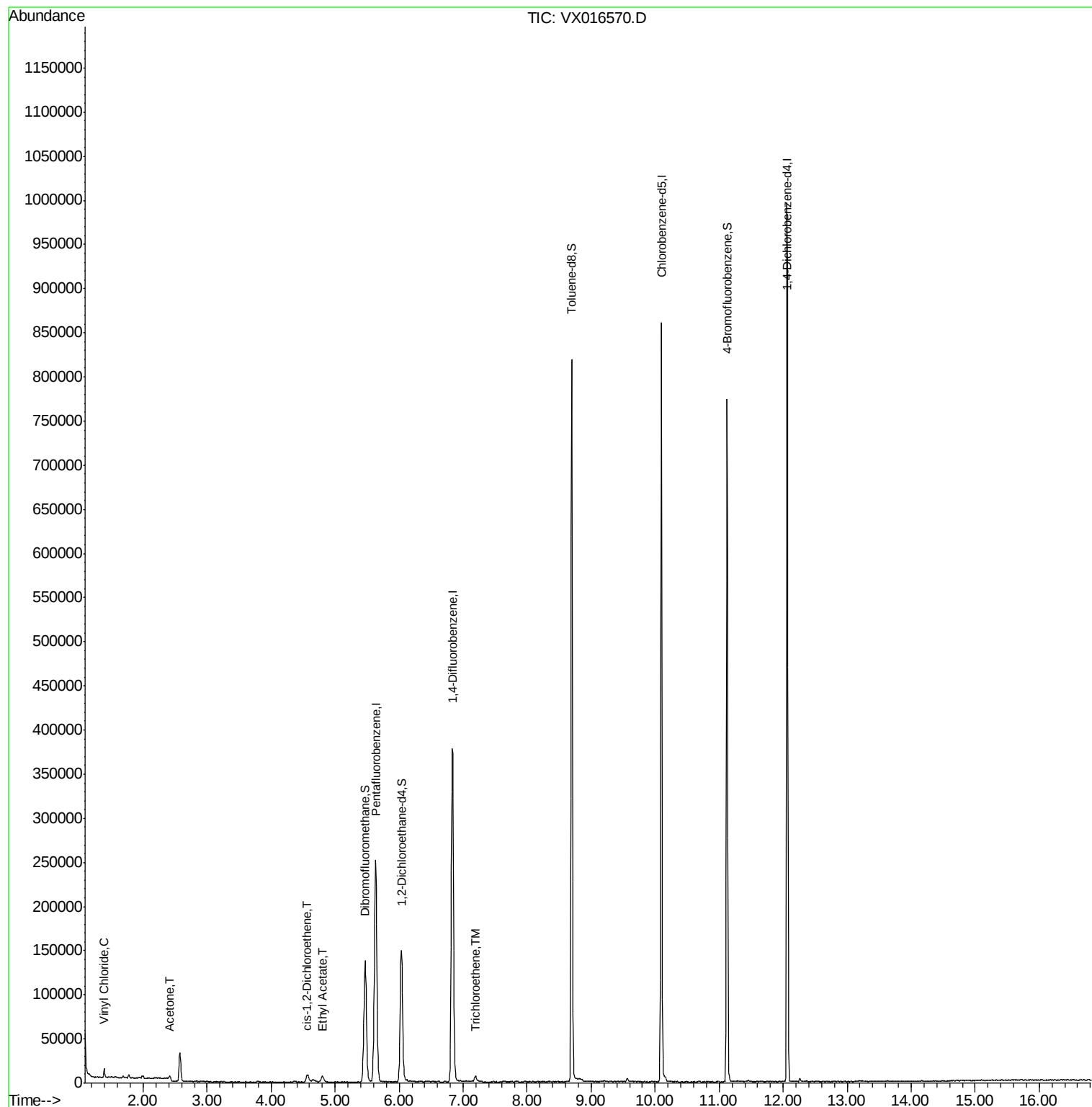
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	248106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	400839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	213251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	146185	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
35) Dibromofluoromethane	5.47	113	119036	48.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.46%	
50) Toluene-d8	8.70	98	495033	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
62) 4-Bromofluorobenzene	11.12	95	203630	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
Target Compounds						
4) Vinyl Chloride	1.39	62	1550	0.497	ug/l #	88
16) Acetone	2.42	43	5712	4.231	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	5445	1.782	ug/l	88
37) Ethyl Acetate	4.80	43	12171	2.671	ug/l	99
44) Trichloroethene	7.18	130	2285	0.637	ug/l	78

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

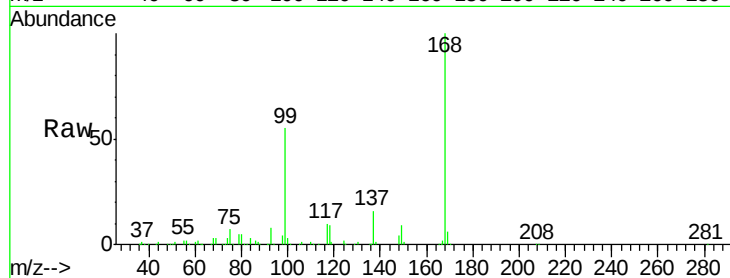
SP20-MMW3414

Tot Ion:168 Resp: 248106

Ion Ratio Lower Upper

168 100

99 54.6 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

80000

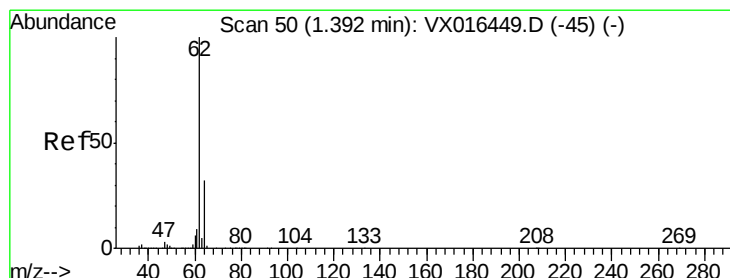
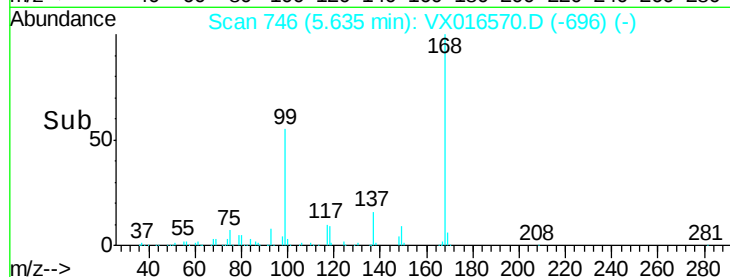
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.497 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016570.D

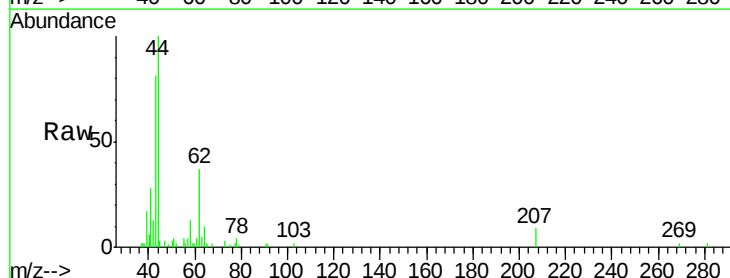
Acq: 03 Jun 2020 16:43

Tgt Ion: 62 Resp: 1550

Ion Ratio Lower Upper

62 100

64 25.9 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

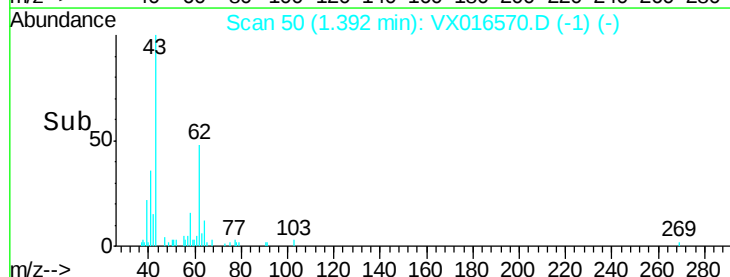
1500

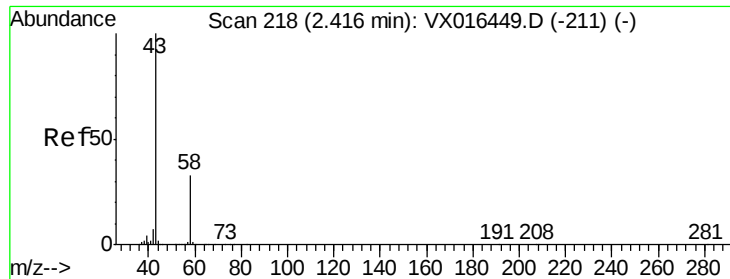
1000

500

0

Time-->

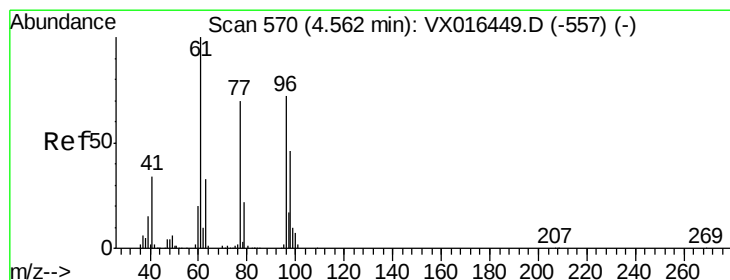
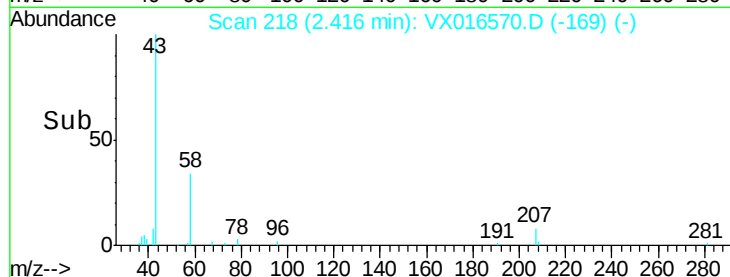
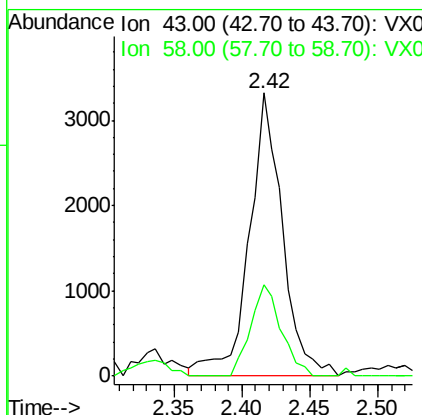
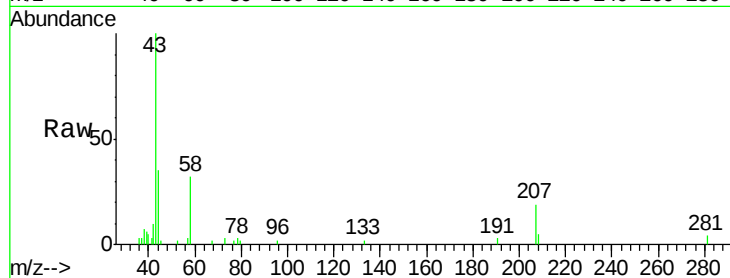




#16
Acetone
Concen: 4.231 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016570.D
Acq: 03 Jun 2020 16:43

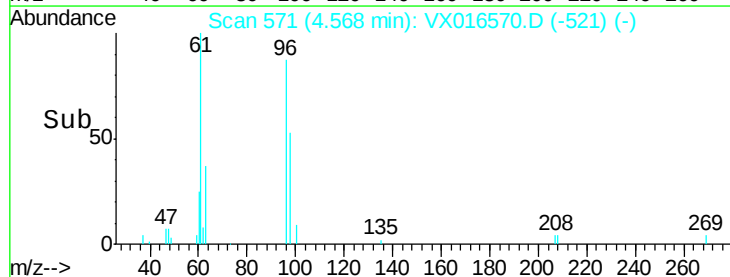
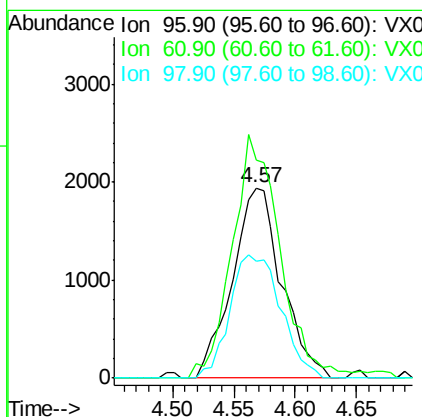
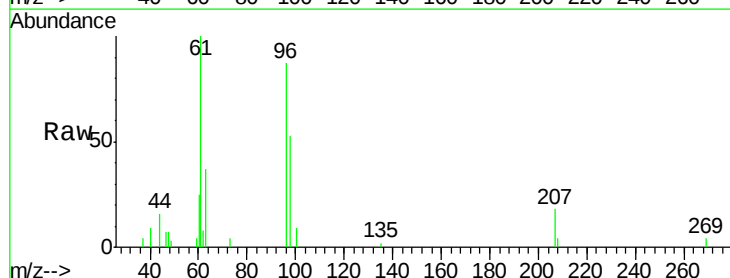
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414

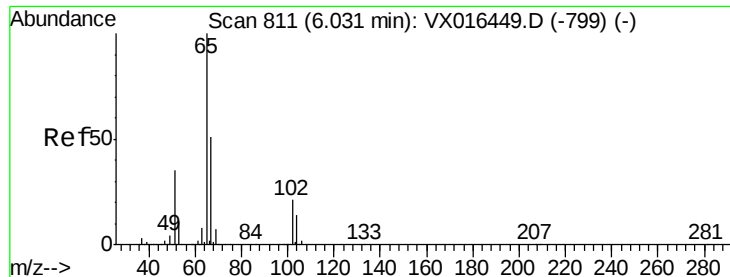
Tot Ion: 43 Resp: 5712
Ion Ratio Lower Upper
43 100
58 32.4 26.1 39.1



#27
cis-1,2-Dichloroethene
Concen: 1.782 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016570.D
Acq: 03 Jun 2020 16:43

Tgt Ion: 96 Resp: 5445
Ion Ratio Lower Upper
96 100
61 123.8 0.0 284.6
98 66.6 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 47.445 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

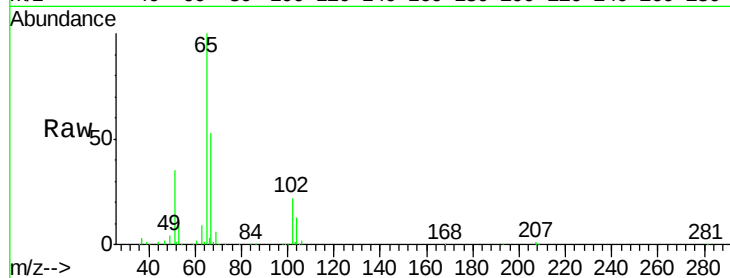
SP20-MMW3414

Tot Ion: 65 Resp: 146185

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

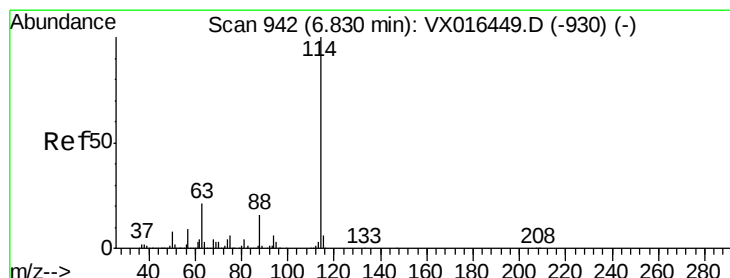
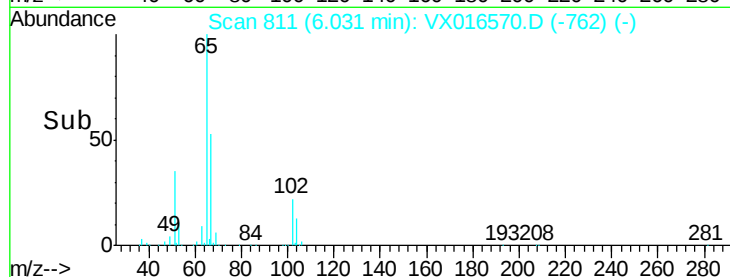
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

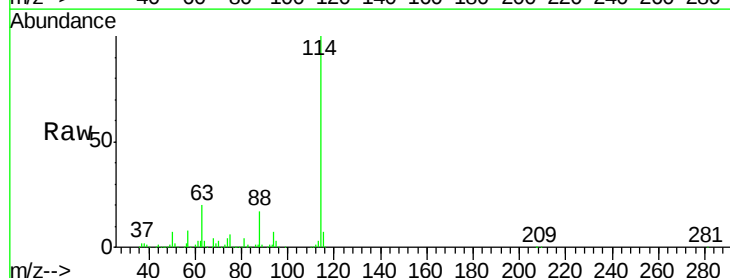
Tgt Ion: 114 Resp: 400839

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 17.1 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

6.83

200000

150000

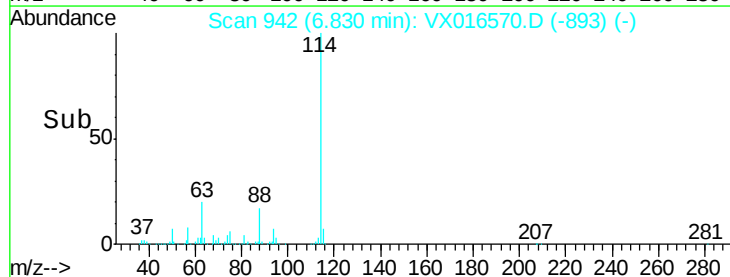
100000

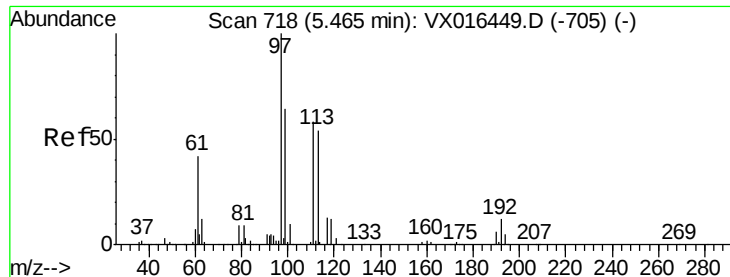
50000

0

Time-->

6.70 6.80 6.90 7.00

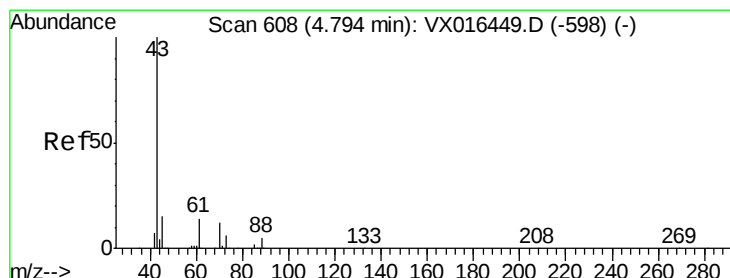
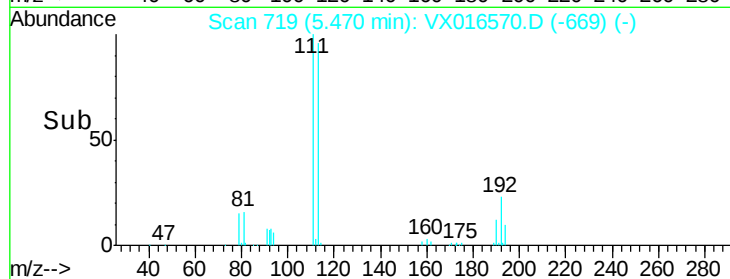
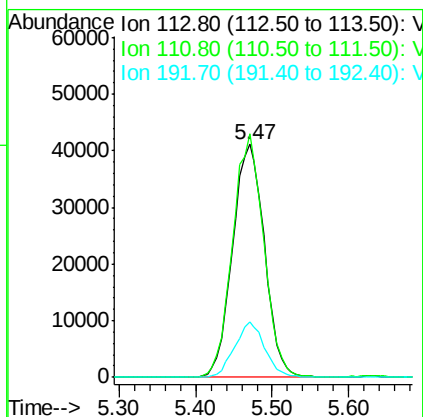
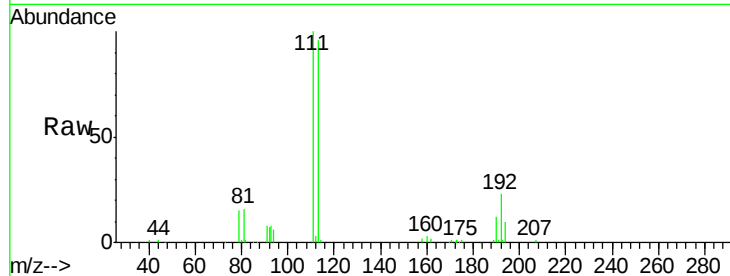




#35
Dibromofluoromethane
Concen: 48.229 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016570.D
Acq: 03 Jun 2020 16:43

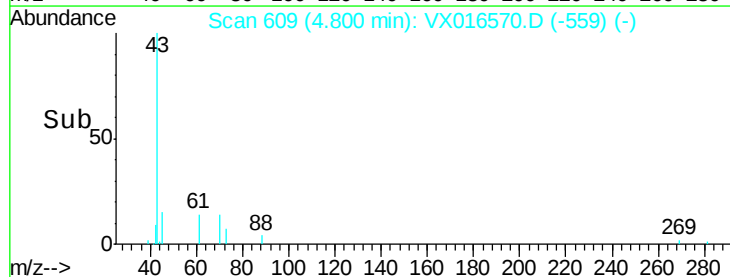
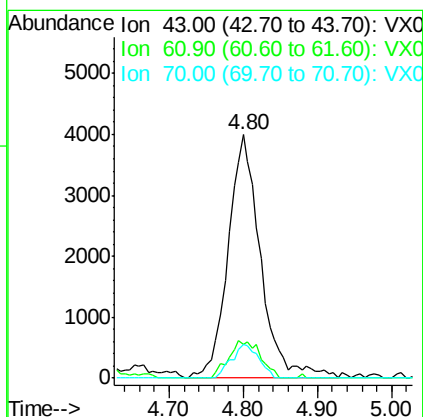
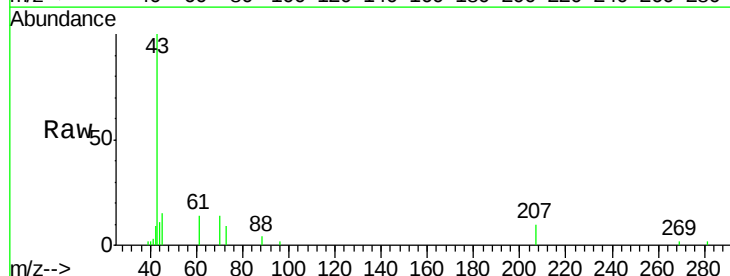
Instrument :
MSVOA_X
ClientSampleId :
SP20-MMW3414

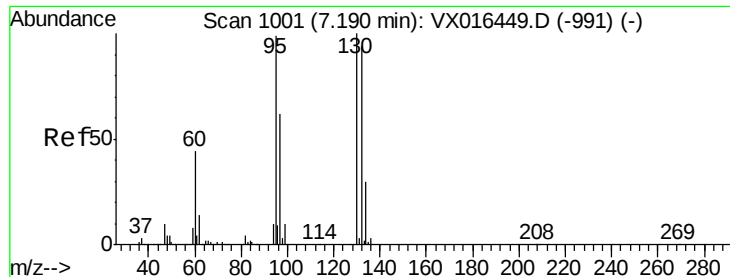
Tot Ion:113 Resp: 119036
Ion Ratio Lower Upper
113 100
111 101.7 83.0 124.6
192 22.3 17.7 26.5



#37
Ethyl Acetate
Concen: 2.671 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX016570.D
Acq: 03 Jun 2020 16:43

Tgt Ion: 43 Resp: 12171
Ion Ratio Lower Upper
43 100
61 15.0 11.3 16.9
70 11.6 9.3 13.9





#44

Trichloroethene

Concen: 0.637 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

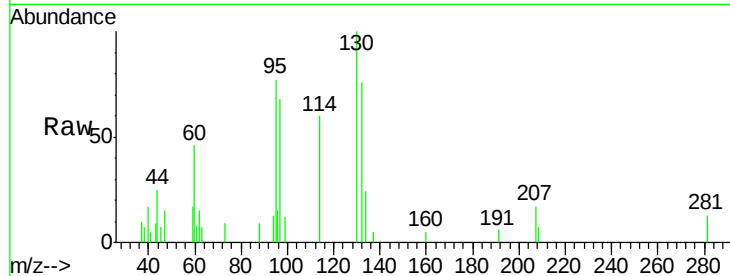
SP20-MMW3414

Tot Ion:130 Resp: 2285

Ion Ratio Lower Upper

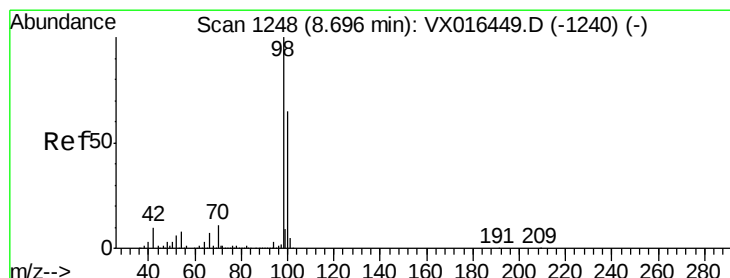
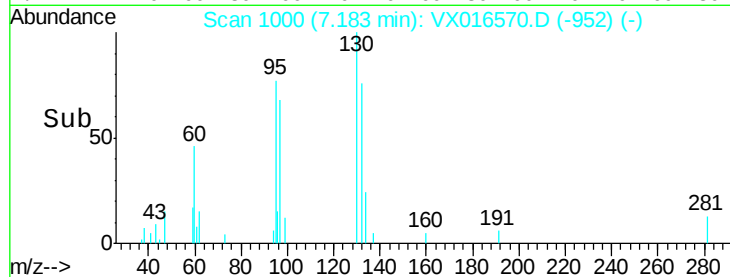
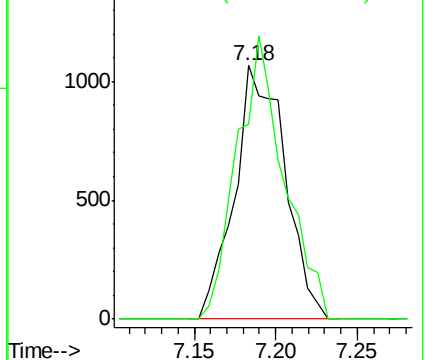
130 100

95 76.7 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: 51.531 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016570.D

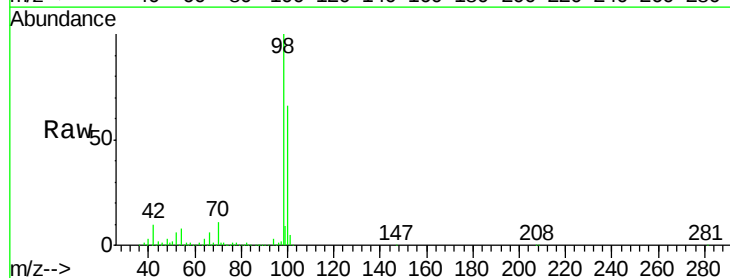
Acq: 03 Jun 2020 16:43

Tgt Ion: 98 Resp: 495033

Ion Ratio Lower Upper

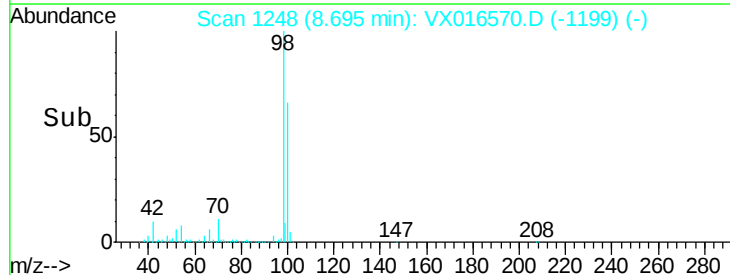
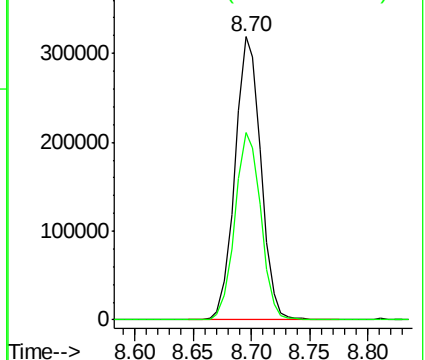
98 100

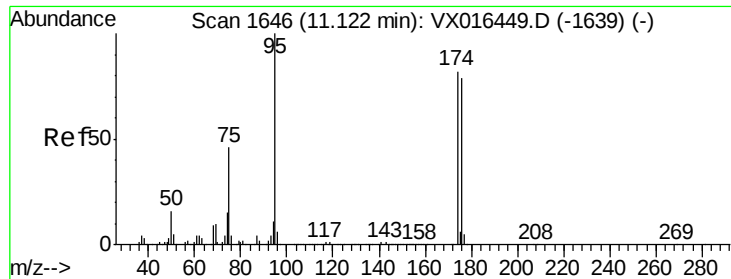
100 66.3 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 54.858 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414

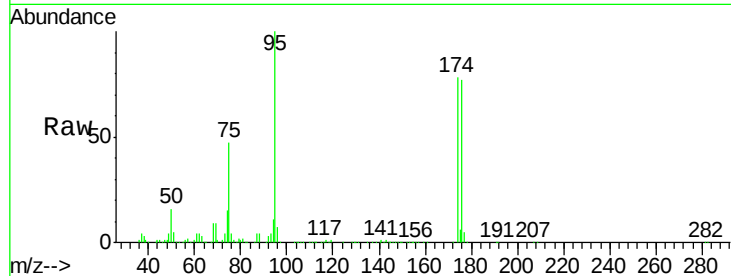
Tot Ion: 95 Resp: 203630

Ion Ratio Lower Upper

95 100

174 81.9 0.0 163.0

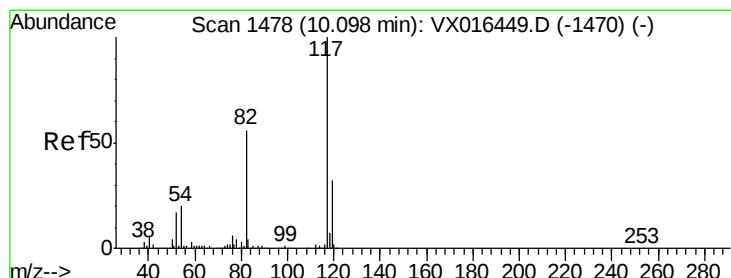
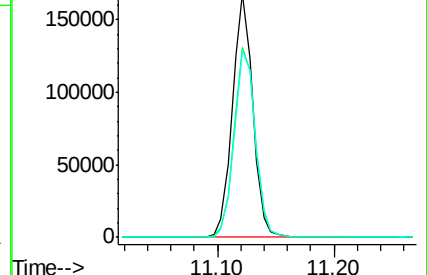
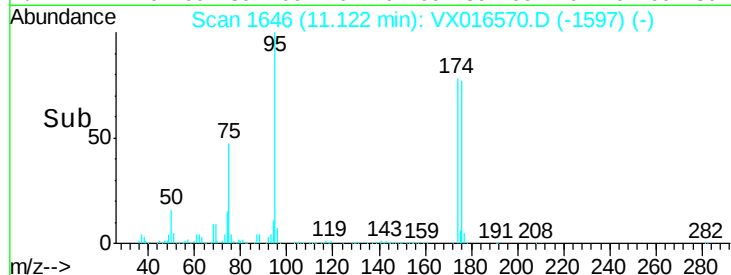
176 80.3 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016570.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX016570.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX016570.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

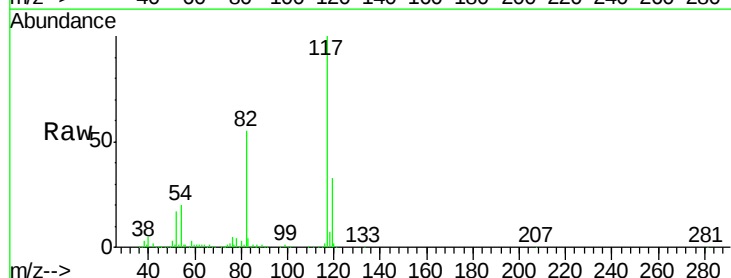
Tgt Ion: 117 Resp: 404614

Ion Ratio Lower Upper

117 100

82 54.7 45.0 67.6

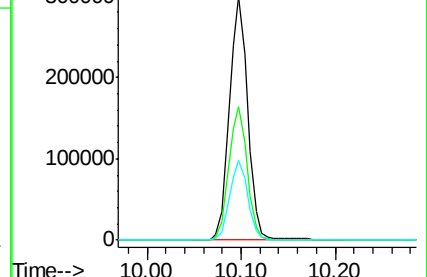
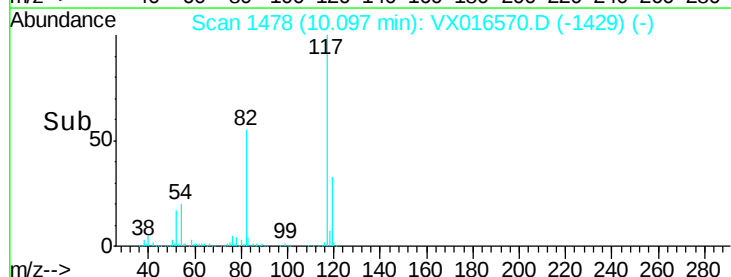
119 32.6 25.8 38.8

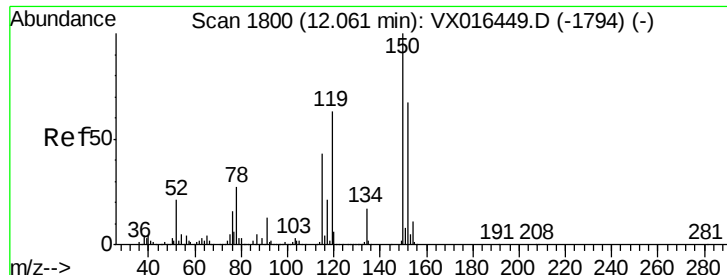


Abundance Ion 116.90 (116.60 to 117.60): VX016570.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016570.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016570.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016570.D

Acq: 03 Jun 2020 16:43

Instrument :

MSVOA_X

ClientSampleId :

SP20-MMW3414

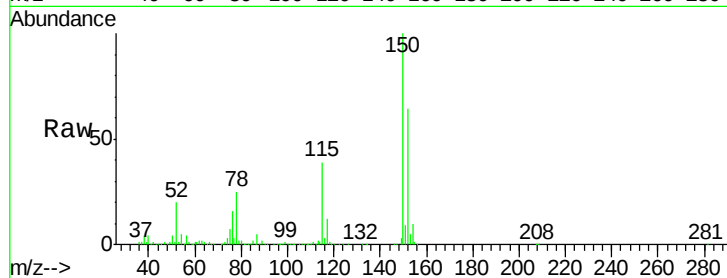
Tot Ion:152 Resp: 213251

Ion Ratio Lower Upper

152 100

115 58.5 39.9 119.6

150 154.9 0.0 341.0



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

