

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016047.D
 Acq On : 04 May 2020 19:47
 Operator : JC/SP
 Sample : L2469-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ124-20200428

Quant Time: May 05 09:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

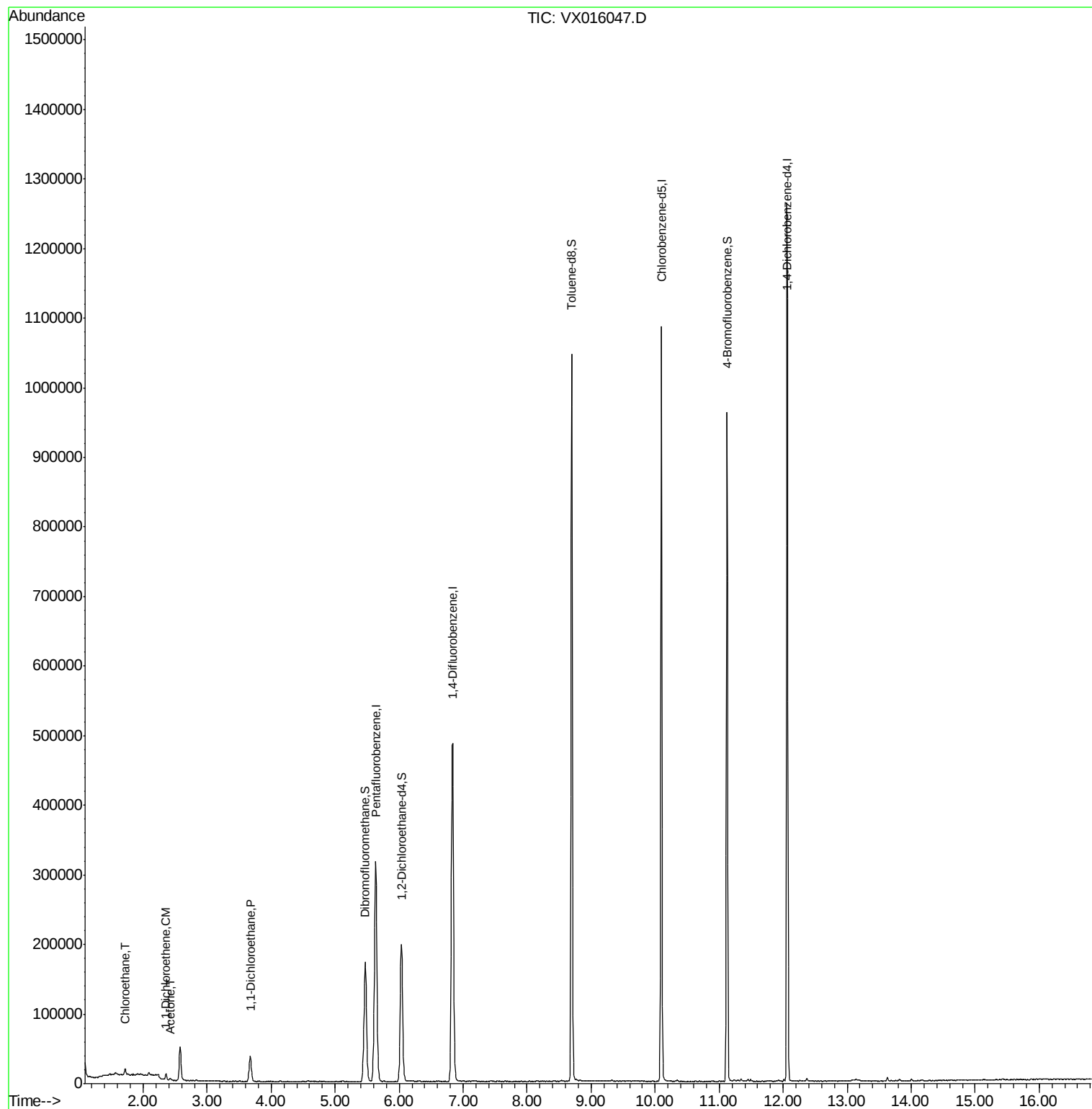
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	305925	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	500399	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	482125	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	249790	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	189439	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
35) Dibromofluoromethane	5.47	113	146719	46.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.56%	
50) Toluene-d8	8.70	98	607767	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	11.12	95	242571	52.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.42%	
Target Compounds						
6) Chloroethane	1.72	64	5651	2.315	ug/l	98
12) 1,1-Dichloroethene	2.36	96	3465	1.090	ug/l	84
16) Acetone	2.42	43	3484	1.940	ug/l	90
24) 1,1-Dichloroethane	3.67	63	42656	6.932	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

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Instrument :

MSVOA_X

ClientSampleId :

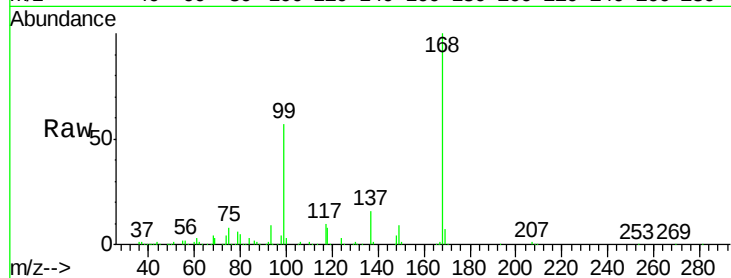
SA-PZ124-20200428

Tot Ion:168 Resp: 305925

Ion Ratio Lower Upper

168 100

99 56.8 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

120000

100000

80000

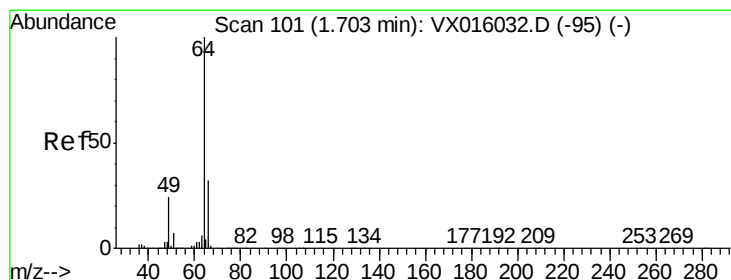
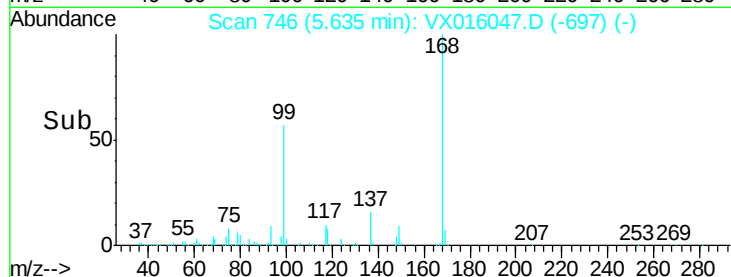
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 2.315 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016047.D

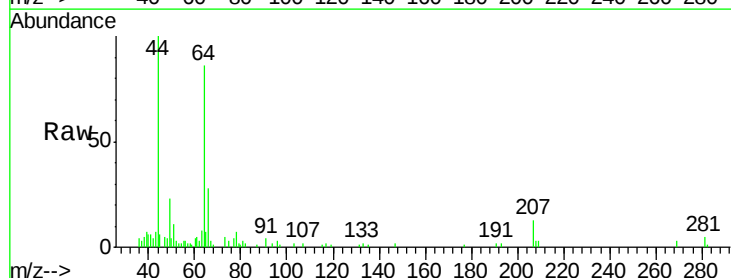
Acq: 04 May 2020 19:47

Tgt Ion: 64 Resp: 5651

Ion Ratio Lower Upper

64 100

66 30.5 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

5000

4000

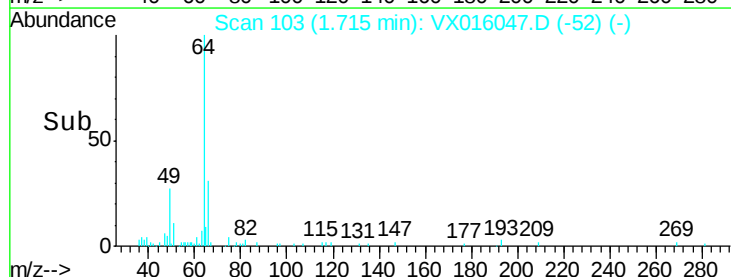
3000

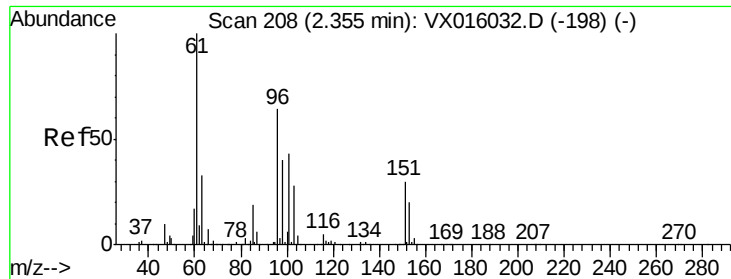
2000

1000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.090 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016047.D

Acq: 04 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ124-20200428

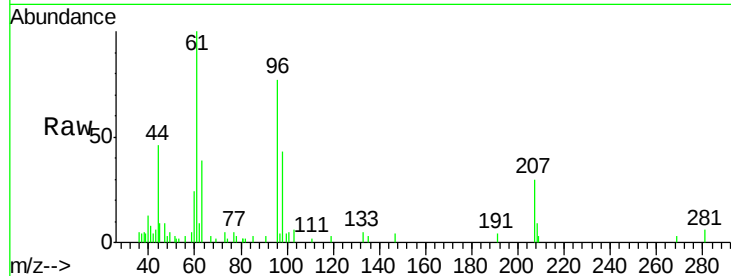
Tot Ion: 96 Resp: 3465

Ion Ratio Lower Upper

96 100

61 130.6 124.8 187.2

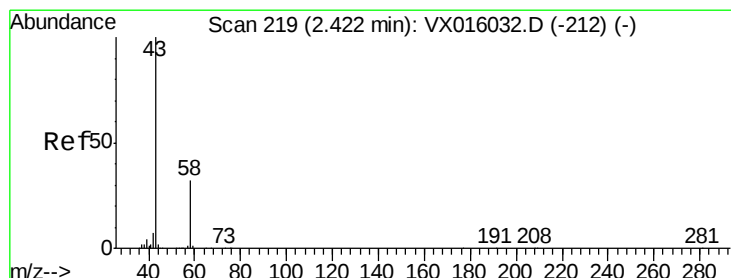
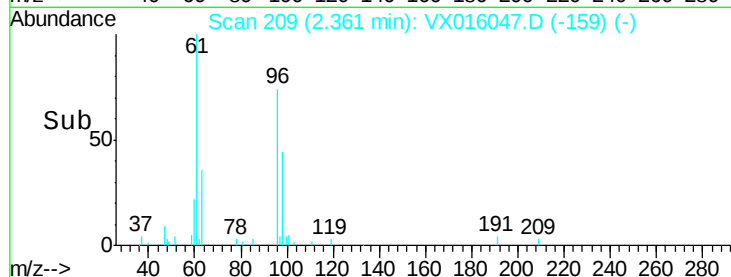
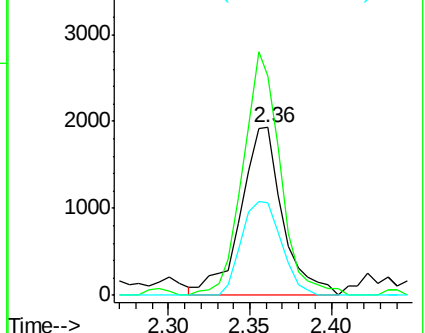
98 55.5 49.7 74.5



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



#16

Acetone

Concen: 1.940 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016047.D

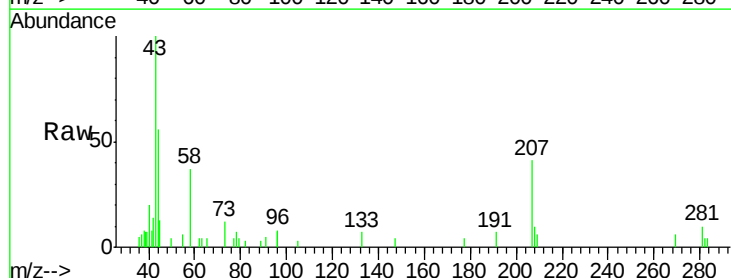
Acq: 04 May 2020 19:47

Tgt Ion: 43 Resp: 3484

Ion Ratio Lower Upper

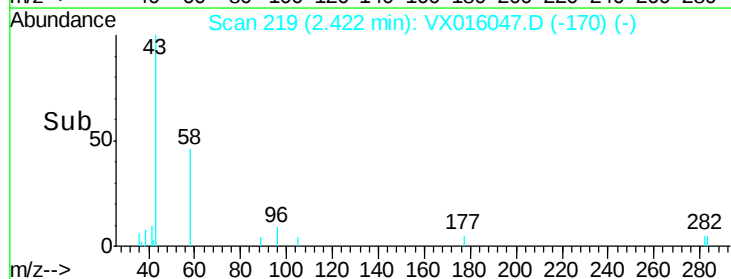
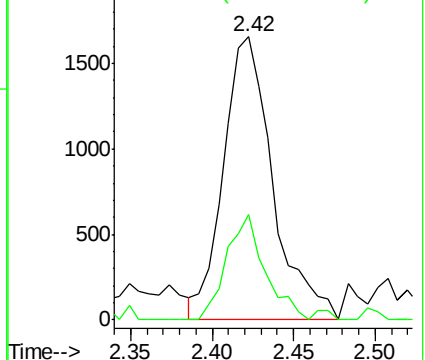
43 100

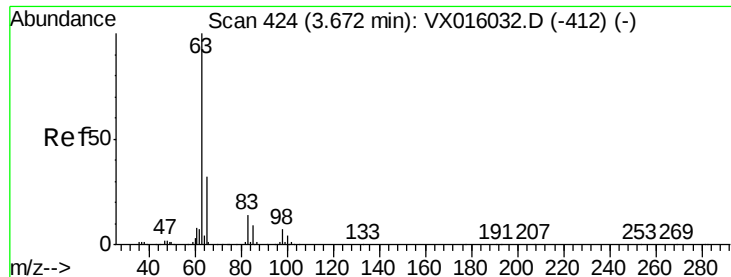
58 37.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#24

1,1-Dichloroethane

Concen: 6.932 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016047.D

Acq: 04 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ124-20200428

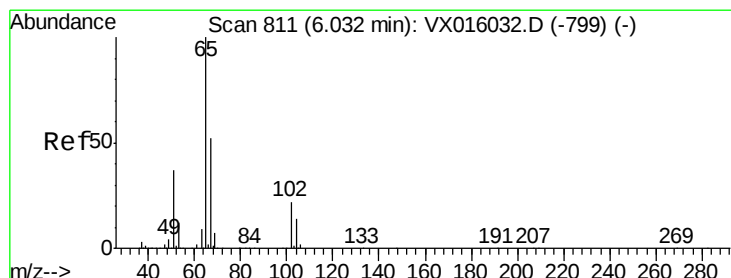
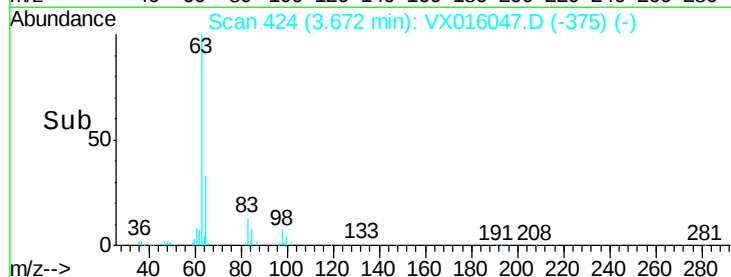
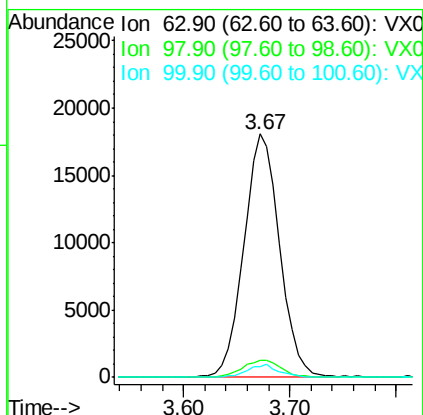
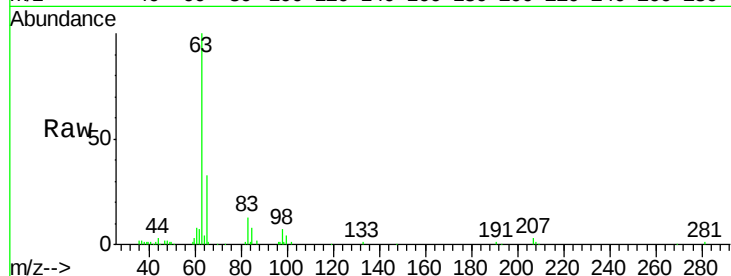
Tot Ion: 63 Resp: 42656

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.2 2.1 6.5



#33

1,2-Dichloroethane-d4

Concen: 47.058 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016047.D

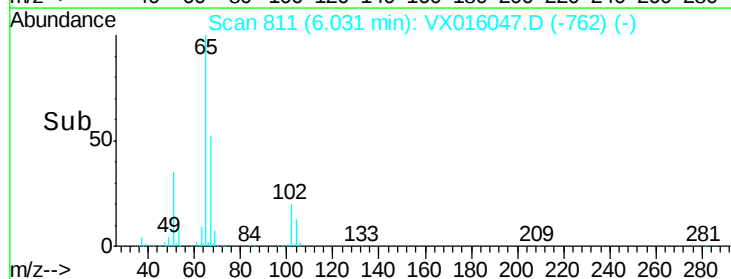
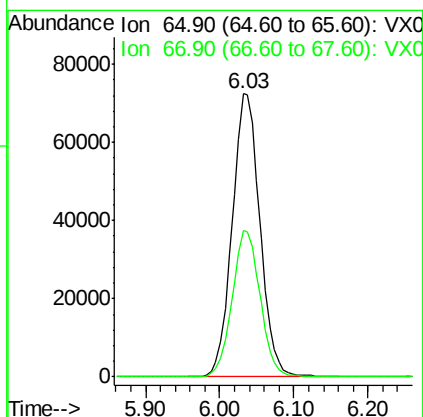
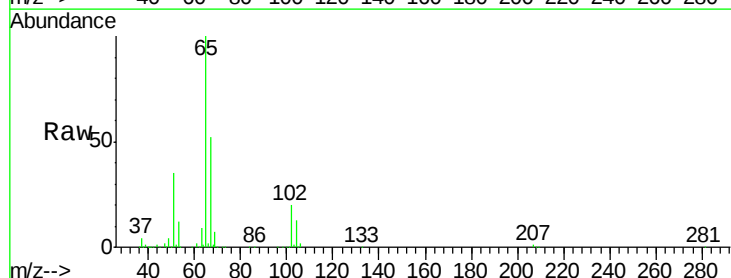
Acq: 04 May 2020 19:47

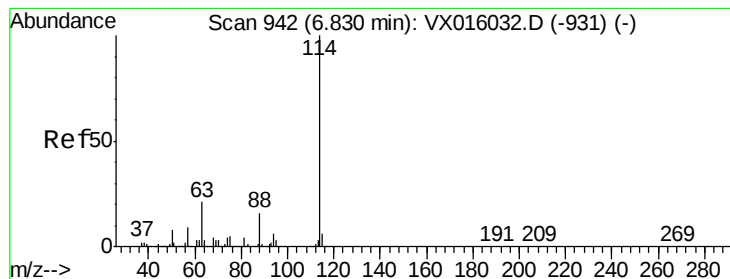
Tgt Ion: 65 Resp: 189439

Ion Ratio Lower Upper

65 100

67 51.9 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: VX016047.D

Acq: 04 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ124-20200428

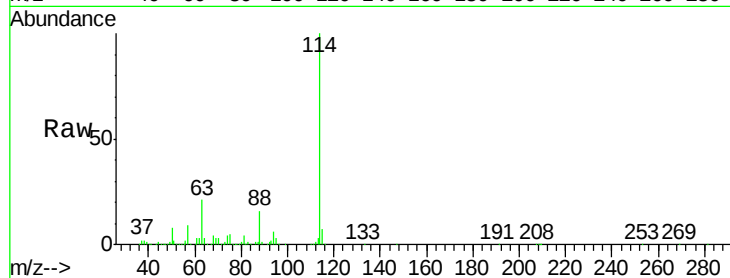
Tot Ion:114 Resp: 500399

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

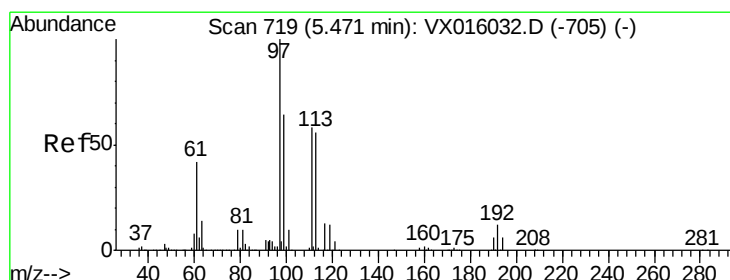
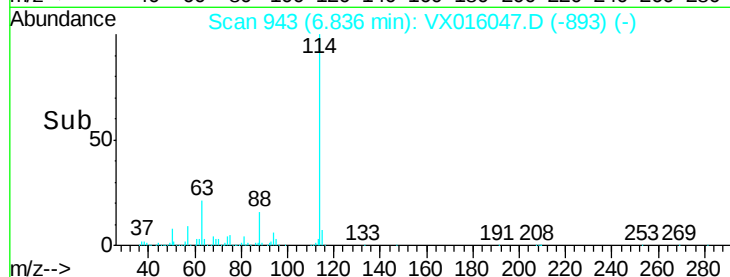
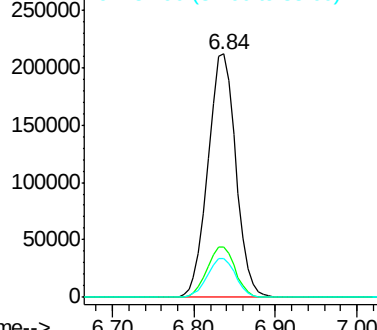
88 16.0 0.0 31.4



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: 46.280 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016047.D

Acq: 04 May 2020 19:47

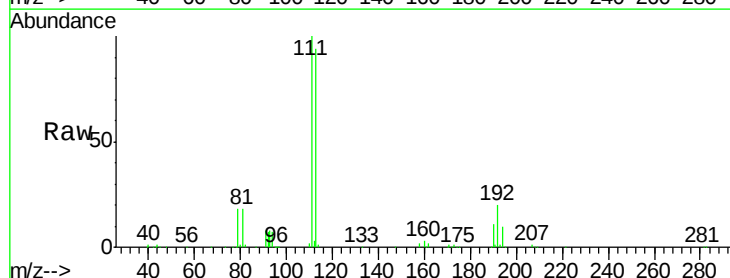
Tgt Ion:113 Resp: 146719

Ion Ratio Lower Upper

113 100

111 103.9 81.6 122.4

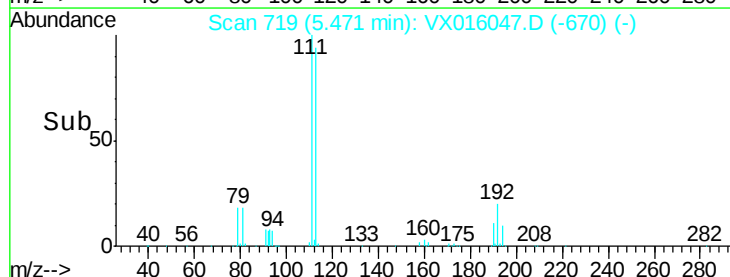
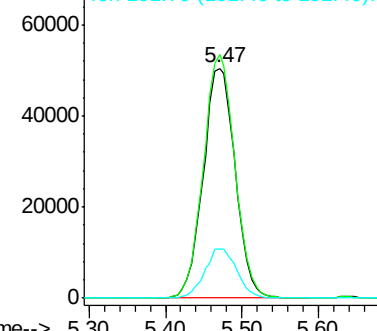
192 21.4 17.0 25.4

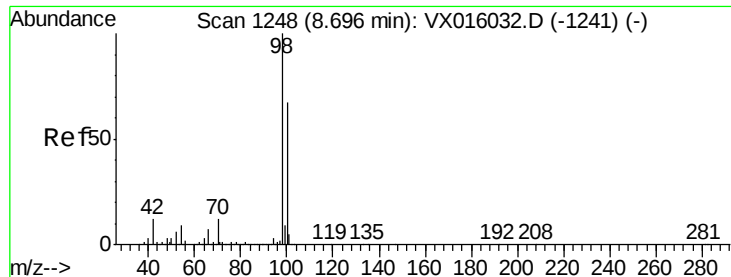


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.755 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016047.D

Acq: 04 May 2020 19:47

Instrument :

MSVOA_X

ClientSampleId :

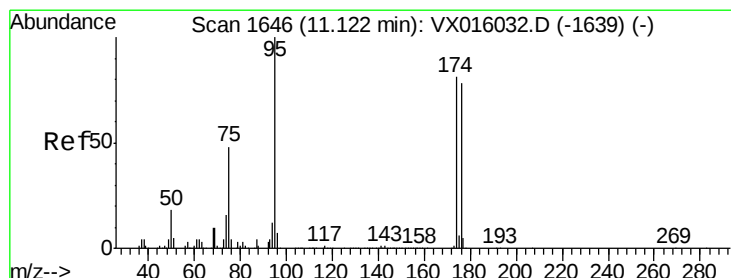
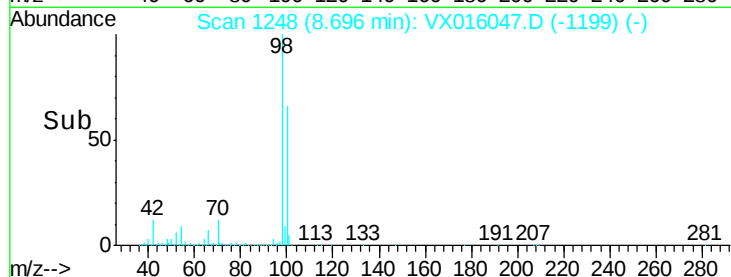
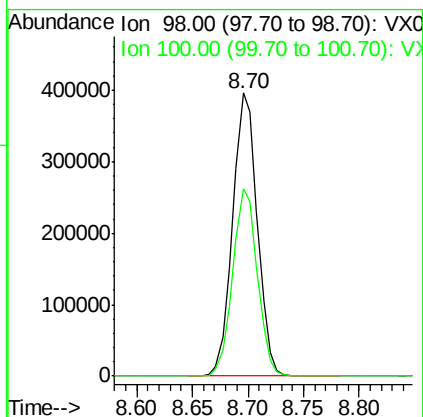
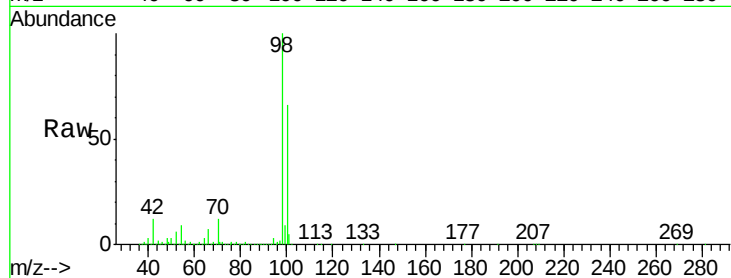
SA-PZ124-20200428

Tot Ion: 98 Resp: 607767

Ion Ratio Lower Upper

98 100

100 66.2 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 52.210 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016047.D

Acq: 04 May 2020 19:47

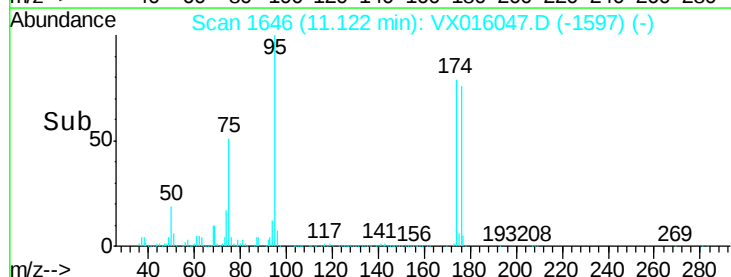
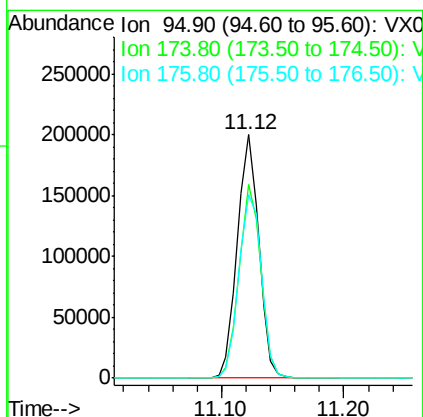
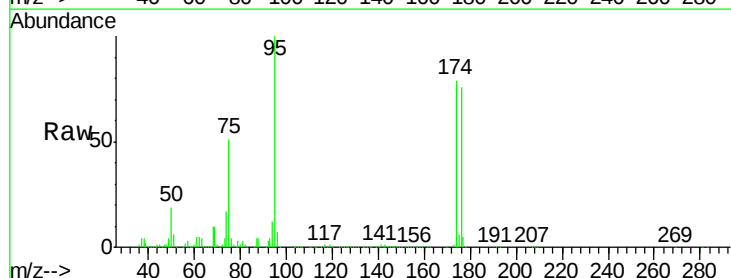
Tgt Ion: 95 Resp: 242571

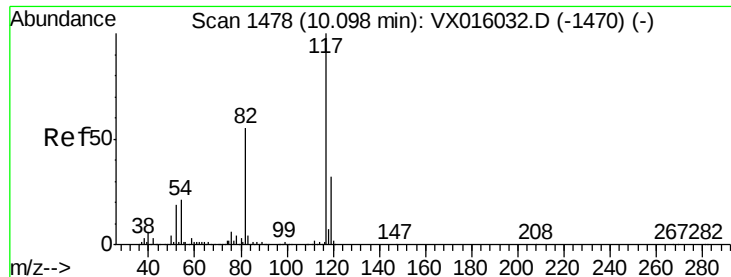
Ion Ratio Lower Upper

95 100

174 79.9 0.0 159.4

176 79.6 0.0 157.6

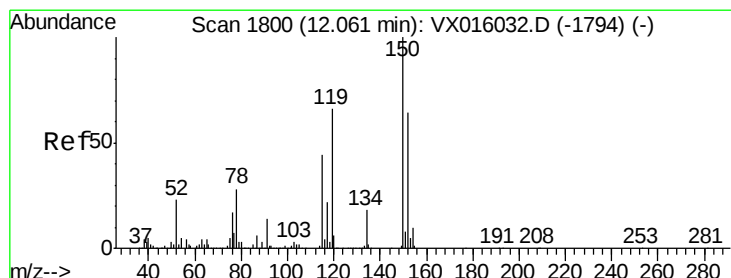
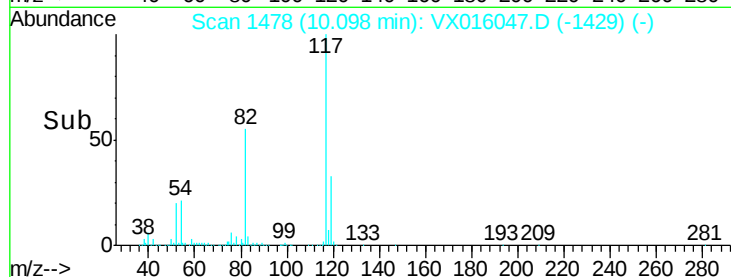
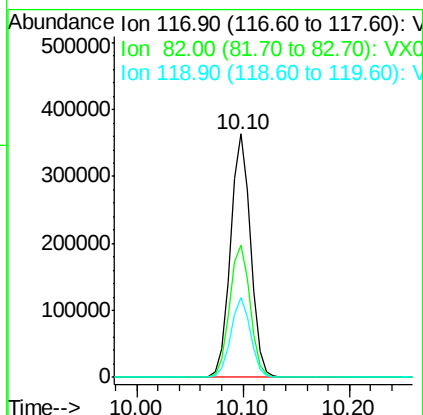
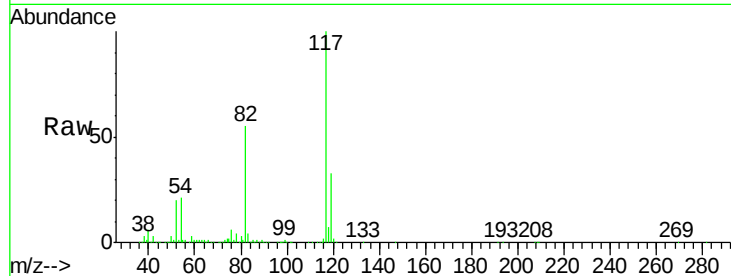




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016047.D
Acq: 04 May 2020 19:47

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ124-20200428

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.4	66.6
119	32.7	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: VX016047.D
Acq: 04 May 2020 19:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.3	124.1
150	158.2	0.0	352.2

