

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051320\
 Data File : VX016216.D
 Acq On : 14 May 2020 06:10
 Operator : JC/SP
 Sample : L2626-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z4-DUP-0555-200512

Quant Time: May 14 08:04:03 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

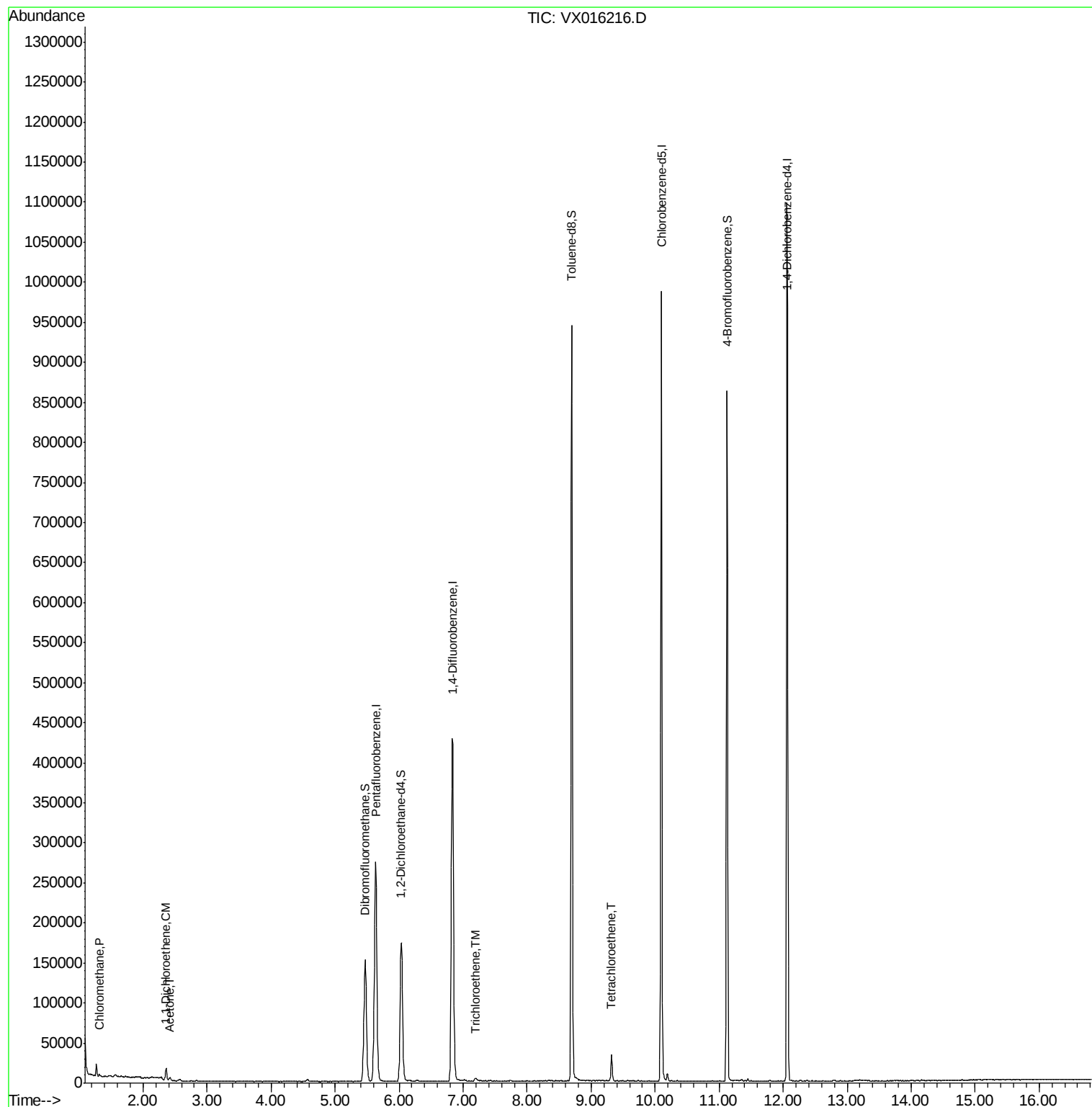
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	270860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	439246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228221	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	165537	46.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.88%	
35) Dibromofluoromethane	5.46	113	132661	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
50) Toluene-d8	8.70	98	556532	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.12	95	221032	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
Target Compounds						
3) Chloromethane	1.32	50	1585	0.476	ug/l	89
12) 1,1-Dichloroethene	2.36	96	5614	1.994	ug/l	94
16) Acetone	2.42	43	4537	2.853	ug/l	98
44) Trichloroethene	7.19	130	1299	0.285	ug/l	88
64) Tetrachloroethene	9.32	164	6644	1.232	ug/l	93

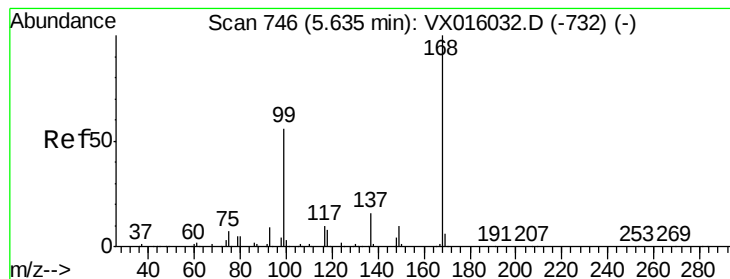
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

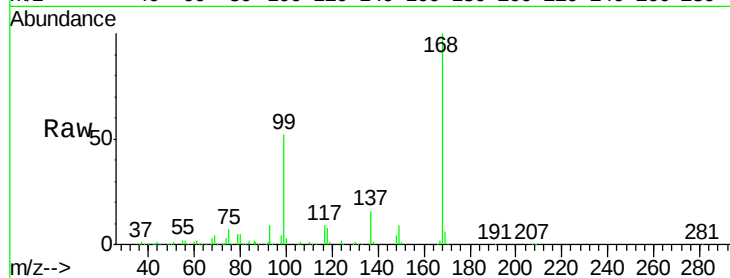
Z4-DUP-0555-200512

Tot Ion:168 Resp: 270860

Ion Ratio Lower Upper

168 100

99 52.4 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

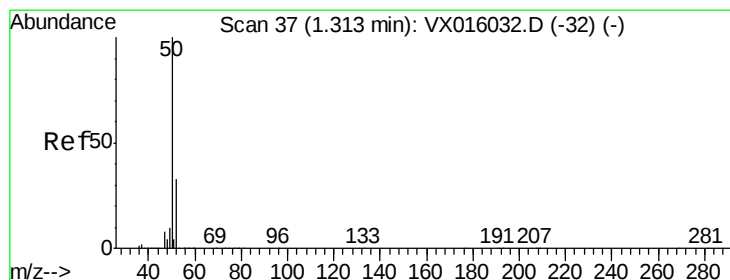
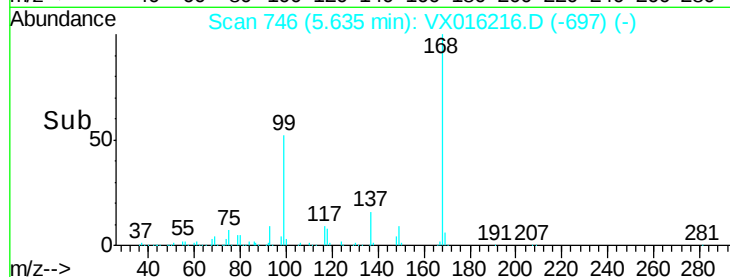
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.476 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX016216.D

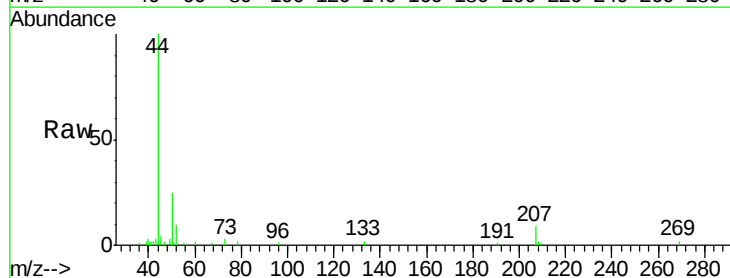
Acq: 14 May 2020 06:10

Tgt Ion: 50 Resp: 1585

Ion Ratio Lower Upper

50 100

52 38.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1500

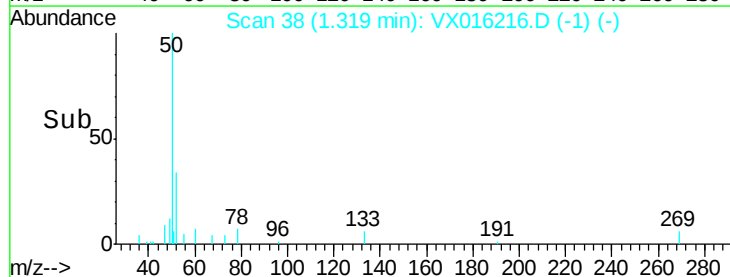
1000

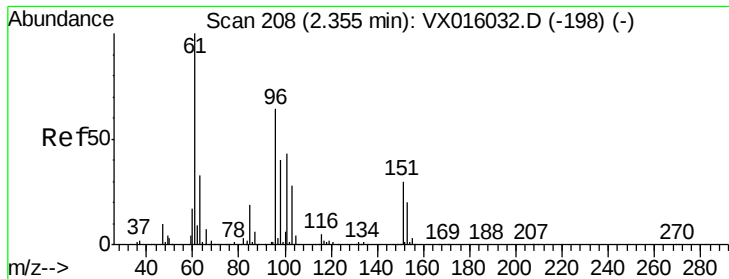
500

0

Time-->

1.25 1.30 1.35





#12

1,1-Dichloroethene

Concen: 1.994 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0555-200512

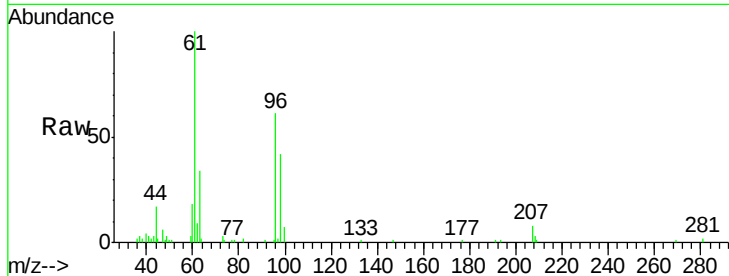
Tot Ion: 96 Resp: 5614

Ion Ratio Lower Upper

96 100

61 163.7 124.8 187.2

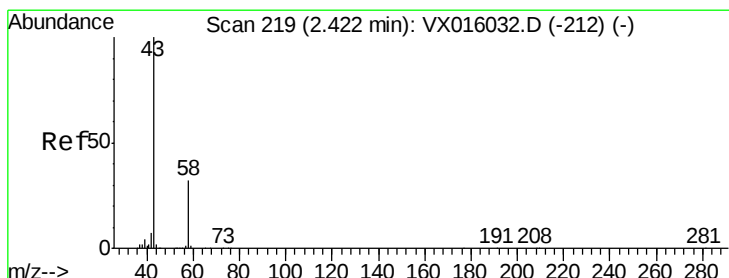
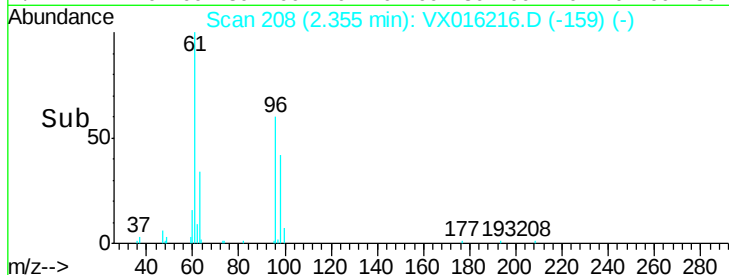
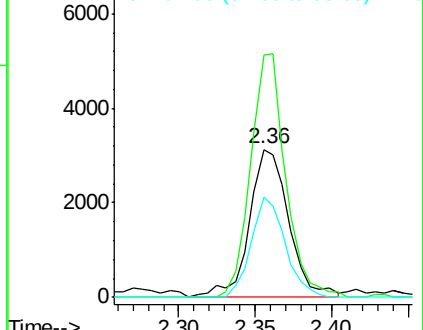
98 68.1 49.7 74.5



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: 2.853 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016216.D

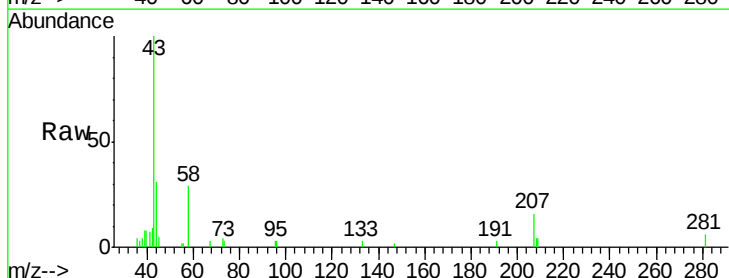
Acq: 14 May 2020 06:10

Tgt Ion: 43 Resp: 4537

Ion Ratio Lower Upper

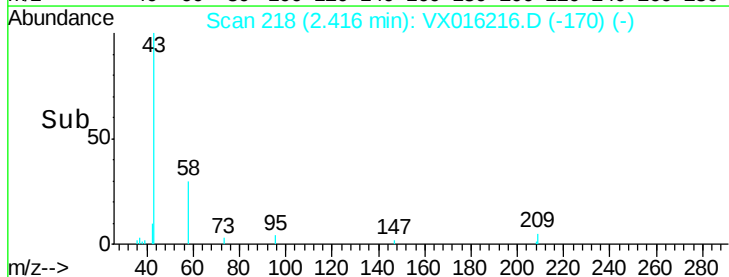
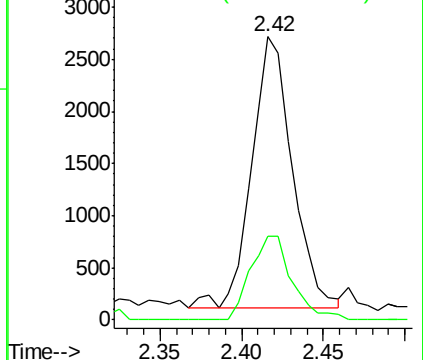
43 100

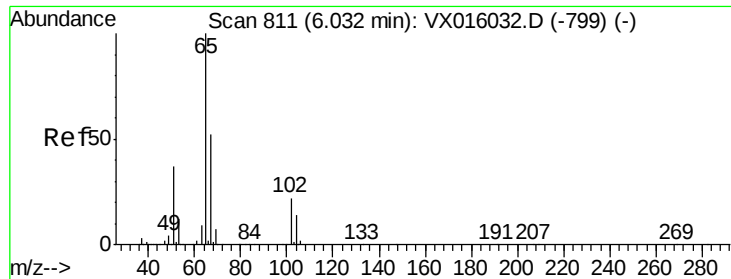
58 30.7 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.444 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

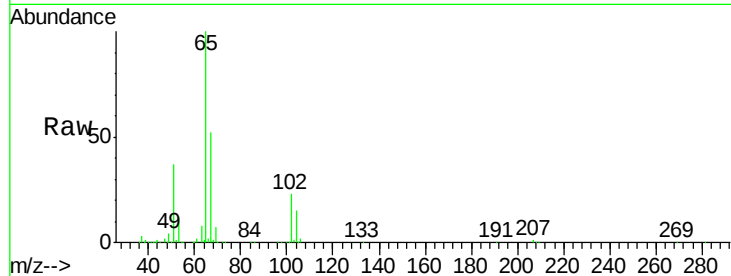
Z4-DUP-0555-200512

Tot Ion: 65 Resp: 165537

Ion Ratio Lower Upper

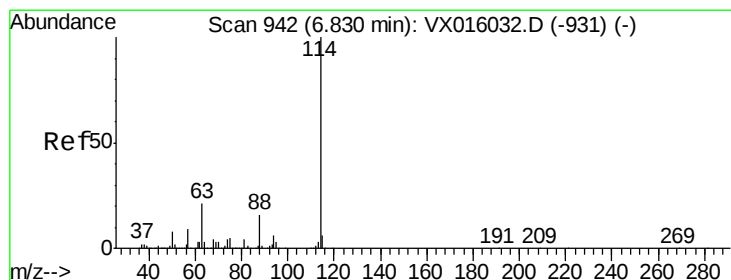
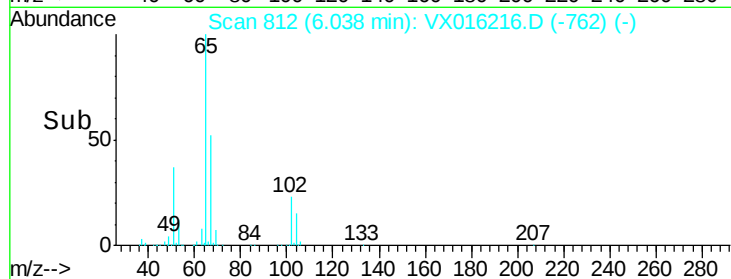
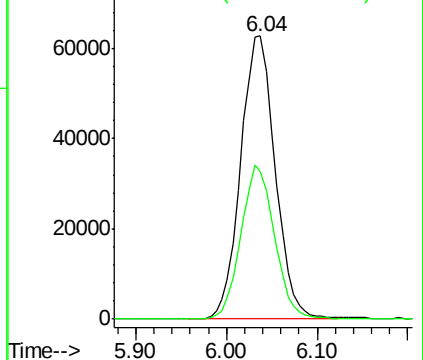
65 100

67 53.1 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

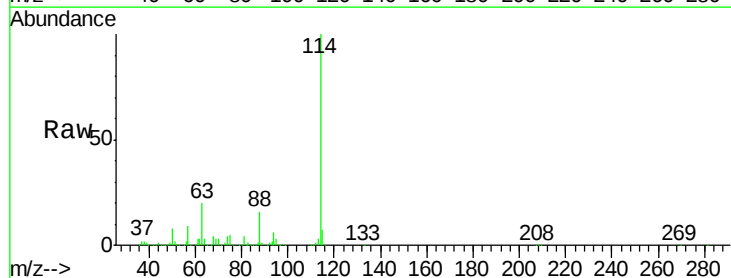
Tgt Ion: 114 Resp: 445358

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

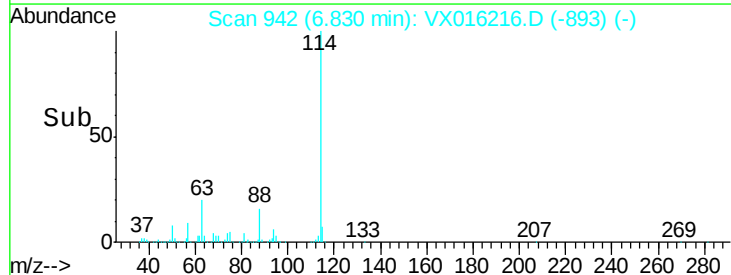
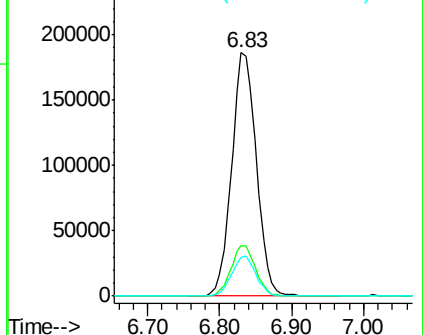
88 16.1 0.0 31.4

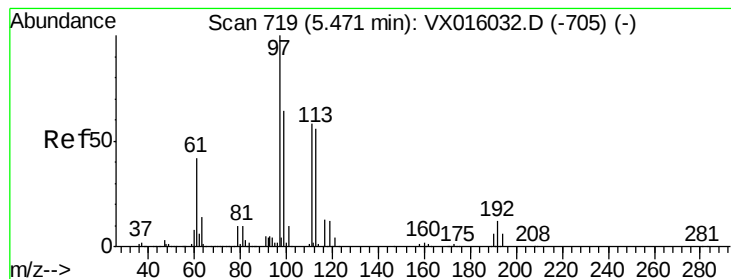


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.017 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0555-200512

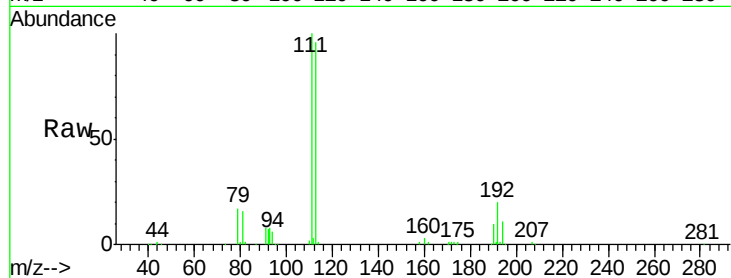
Tot Ion:113 Resp: 132661

Ion Ratio Lower Upper

113 100

111 102.2 81.6 122.4

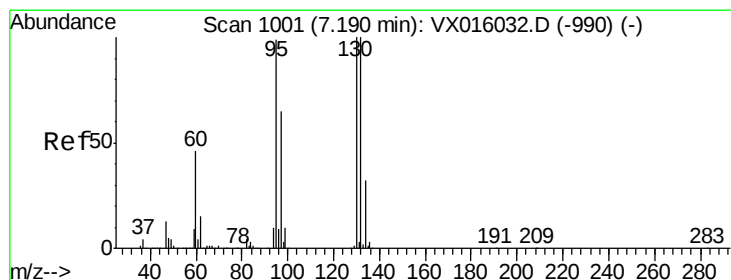
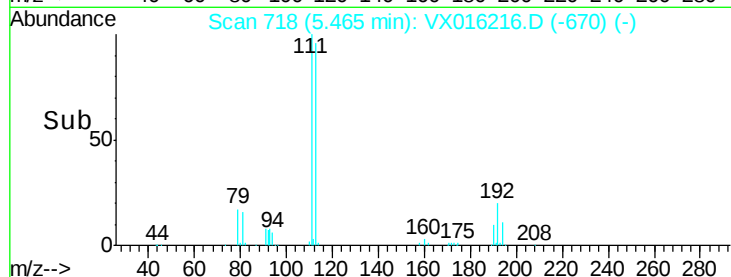
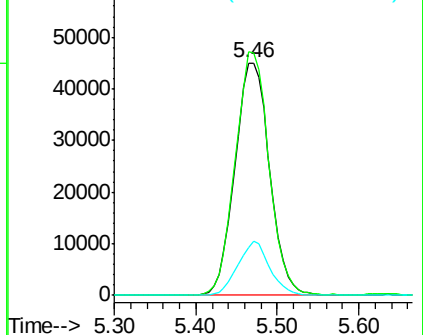
192 21.5 17.0 25.4



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



#44

Trichloroethene

Concen: 0.285 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016216.D

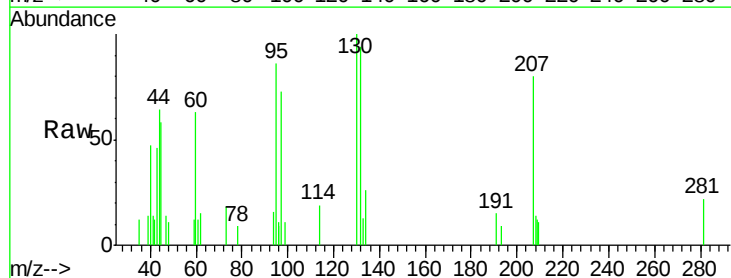
Acq: 14 May 2020 06:10

Tgt Ion:130 Resp: 1299

Ion Ratio Lower Upper

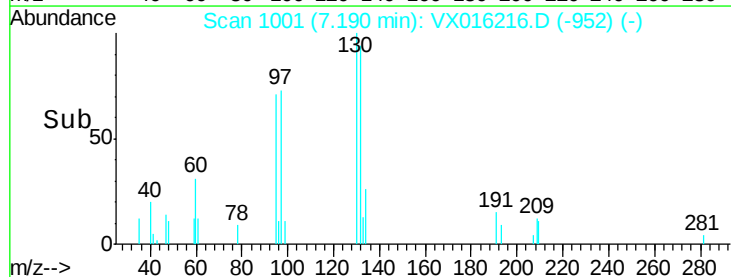
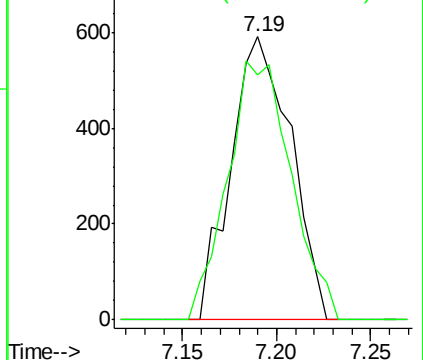
130 100

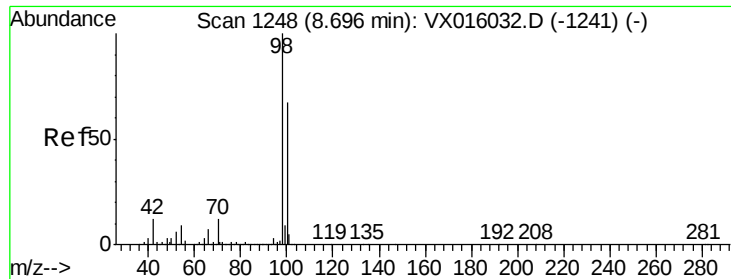
95 86.3 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 51.192 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

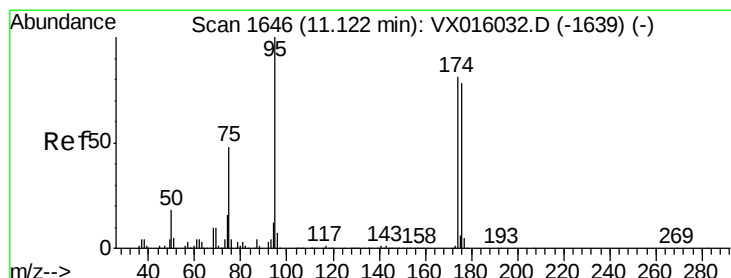
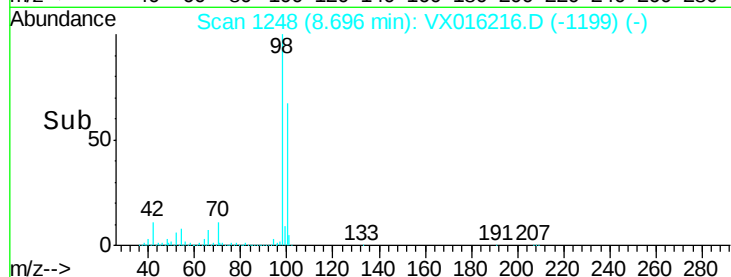
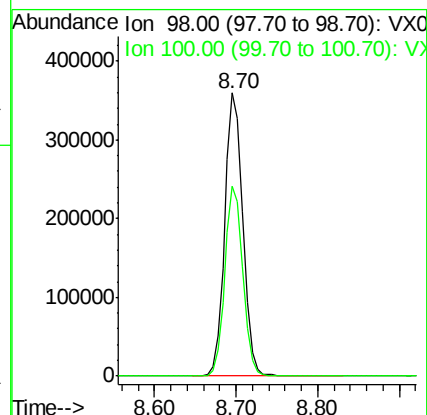
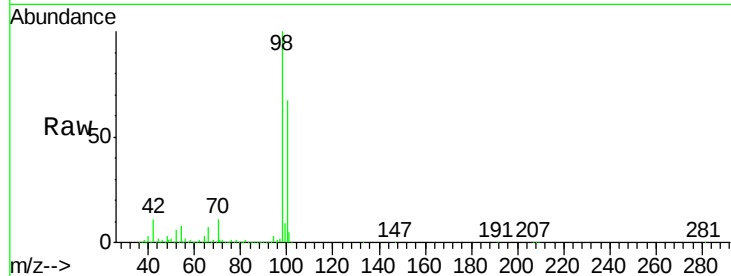
Z4-DUP-0555-200512

Tot Ion: 98 Resp: 556532

Ion Ratio Lower Upper

98 100

100 66.6 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.454 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

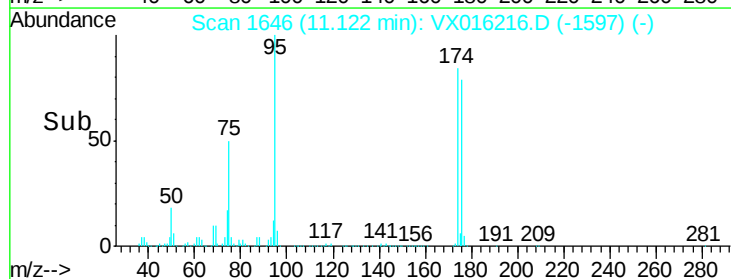
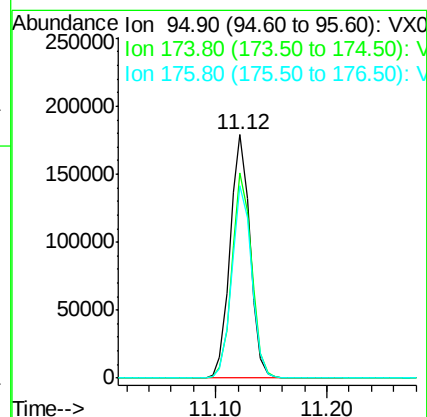
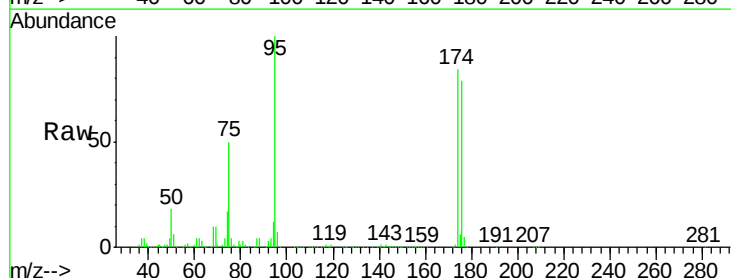
Tgt Ion: 95 Resp: 221032

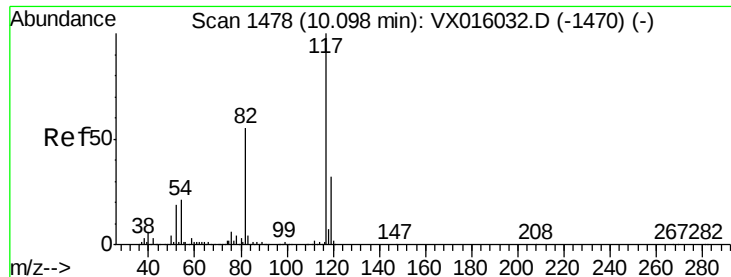
Ion Ratio Lower Upper

95 100

174 83.5 0.0 159.4

176 78.8 0.0 157.6

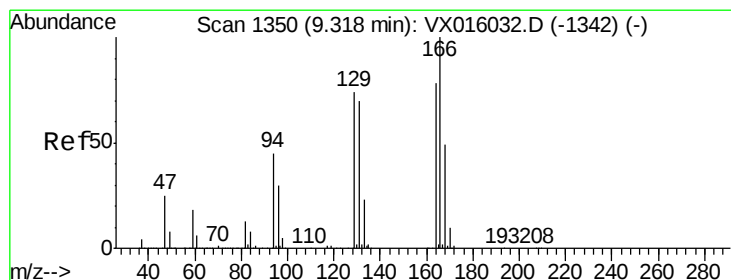
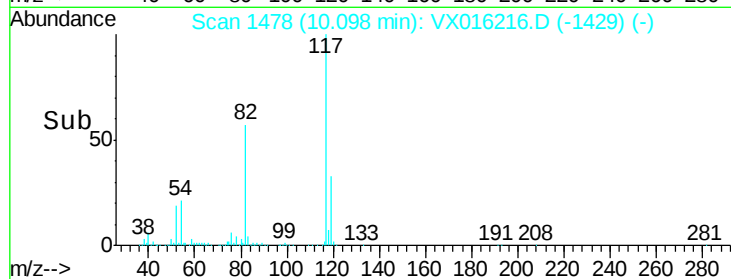
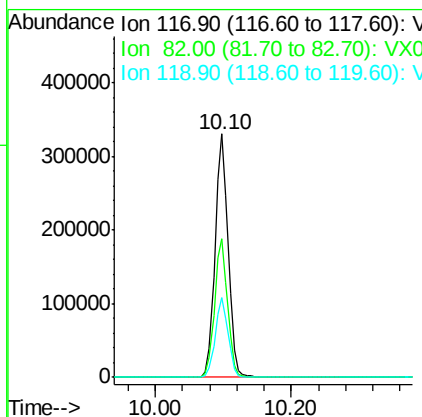
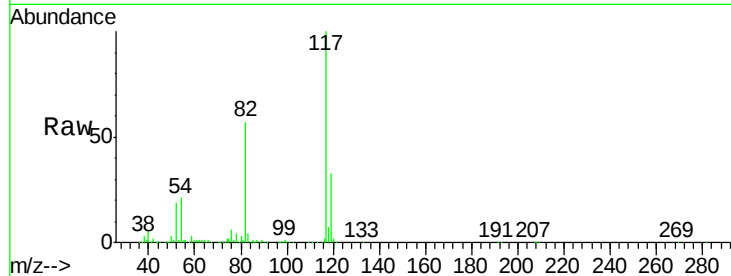




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016216.D
Acq: 14 May 2020 06:10

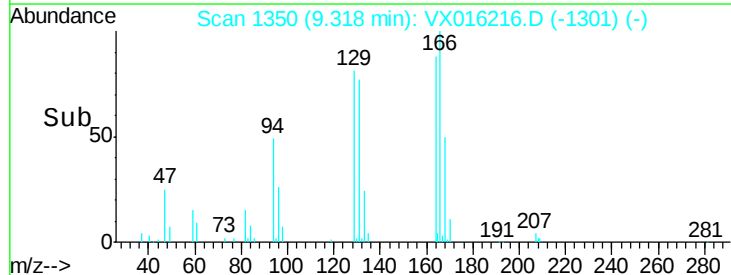
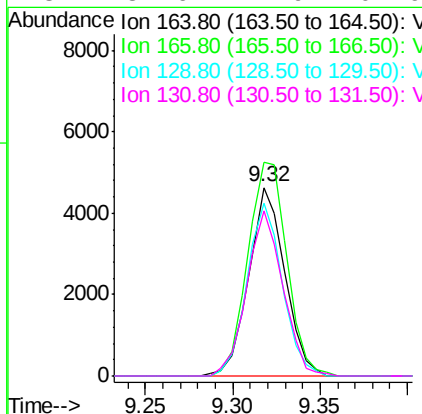
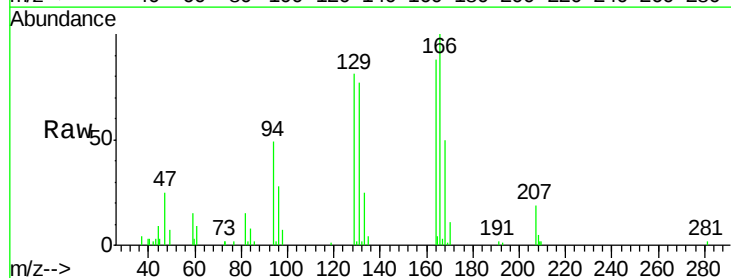
Instrument :
MSVOA_X
ClientSampleId :
Z4-DUP-0555-200512

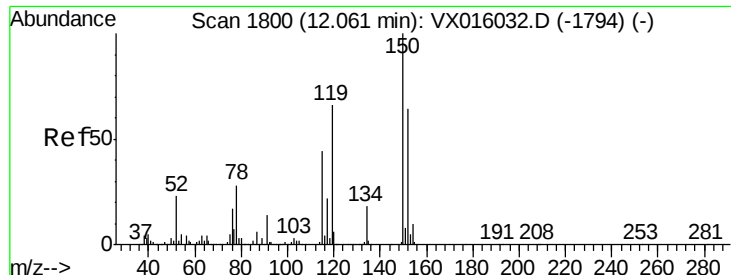
Tot Ion:117 Resp: 439246
Ion Ratio Lower Upper
117 100
82 57.0 44.4 66.6
119 32.7 25.5 38.3



#64
Tetrachloroethene
Concen: 1.232 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016216.D
Acq: 14 May 2020 06:10

Tgt Ion:164 Resp: 6644
Ion Ratio Lower Upper
164 100
166 113.2 102.9 154.3
129 91.7 76.1 114.1
131 87.6 71.9 107.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016216.D

Acq: 14 May 2020 06:10

Instrument :

MSVOA_X

ClientSampleId :

Z4-DUP-0555-200512

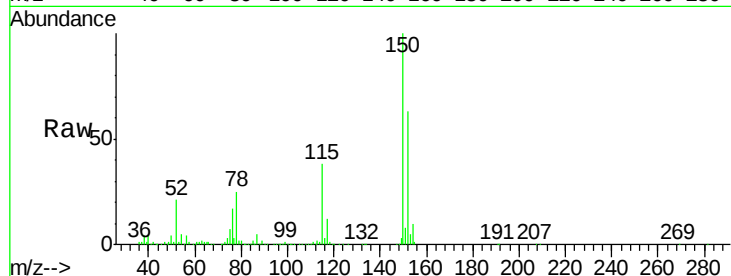
Tot Ion:152 Resp: 228221

Ion Ratio Lower Upper

152 100

115 58.6 41.3 124.1

150 155.1 0.0 352.2



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

