

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016340.D
 Acq On : 19 May 2020 17:18
 Operator : JC/SP
 Sample : L2663-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1378

Quant Time: May 20 07:23:44 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

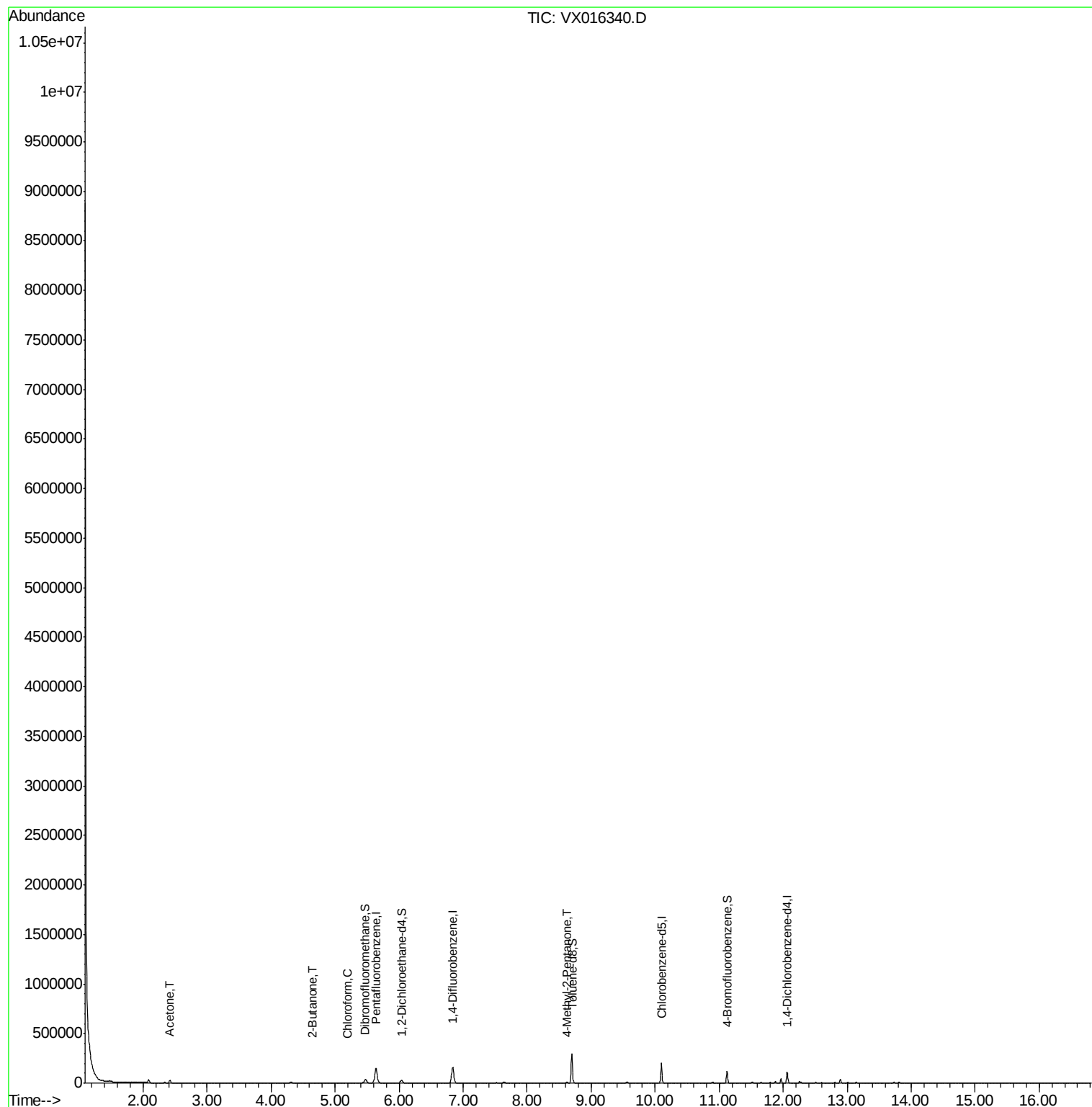
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	144460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	165630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	90801	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	23676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	25526	13.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	26.86%	
35) Dibromofluoromethane	5.47	113	29364	27.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.96%	
50) Toluene-d8	8.70	98	180815	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
62) 4-Bromofluorobenzene	11.12	95	31990	20.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	41.60%	
Target Compounds						
16) Acetone	2.42	43	26905	31.721	ug/l	97
25) 2-Butanone	4.65	43	5790	4.236	ug/l #	89
30) Chloroform	5.19	83	1103	0.381	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	6017	3.261	ug/l	97

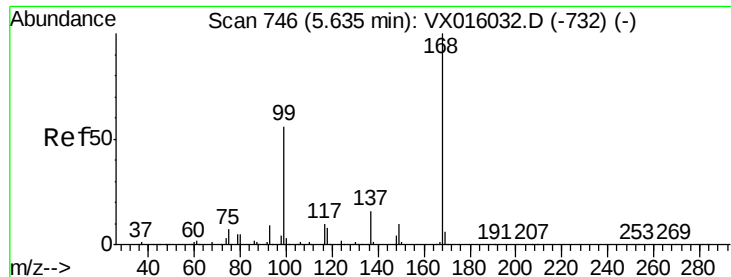
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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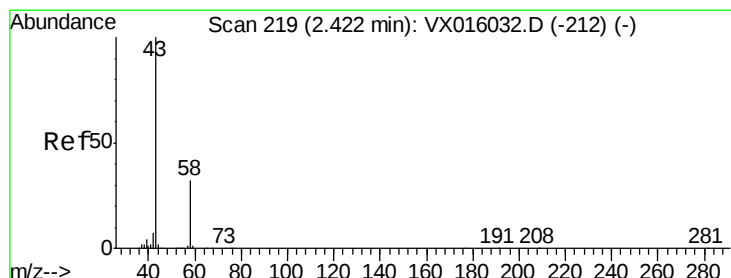
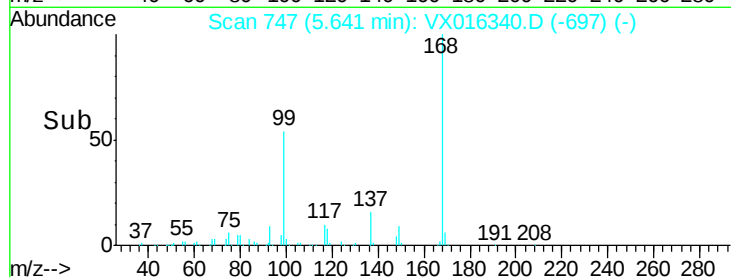
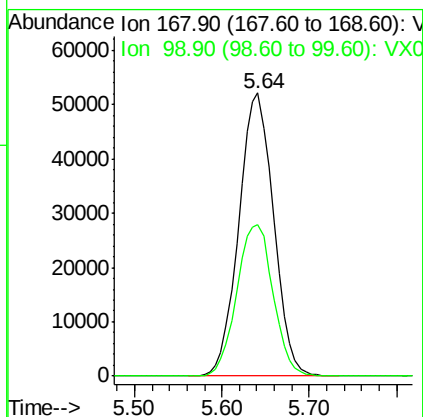
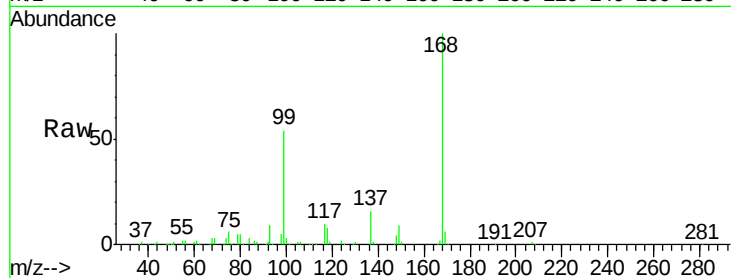


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 747
 Delta R.T. 0.01 min
 Lab File: VX016340.D
 Acq: 19 May 2020 17:18

Instrument :
 MSVOA_X
 ClientSampleId :
 1378

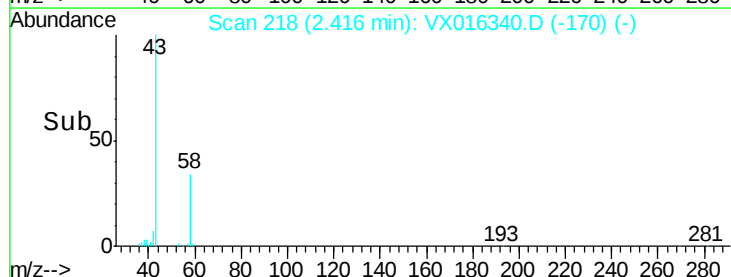
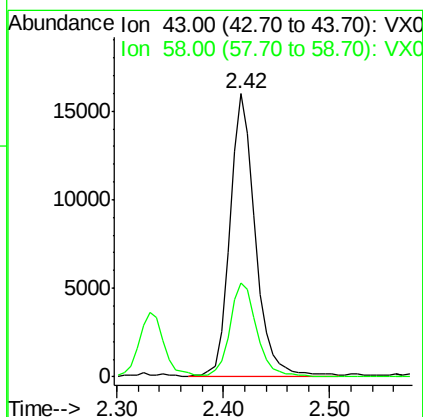
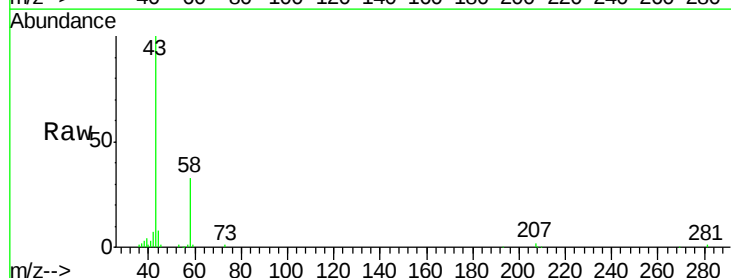
Tot Ion:168 Resp: 144460
 Ion Ratio Lower Upper
 168 100
 99 53.5 45.0 67.4

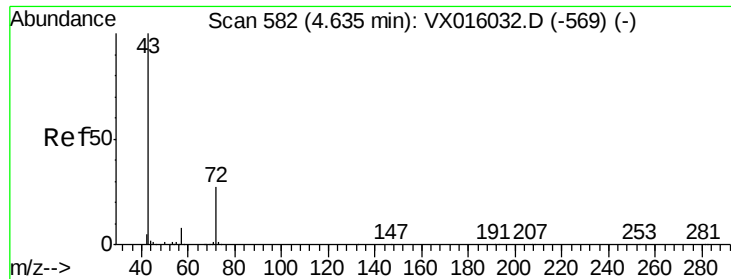


#16

Acetone
 Concen: 31.721 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016340.D
 Acq: 19 May 2020 17:18

Tgt Ion: 43 Resp: 26905
 Ion Ratio Lower Upper
 43 100
 58 33.4 25.4 38.0





#25

2-Butanone

Concen: 4.236 ug/l

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX016340.D

Acq: 19 May 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

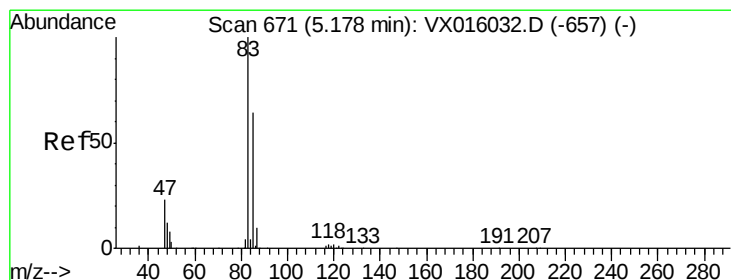
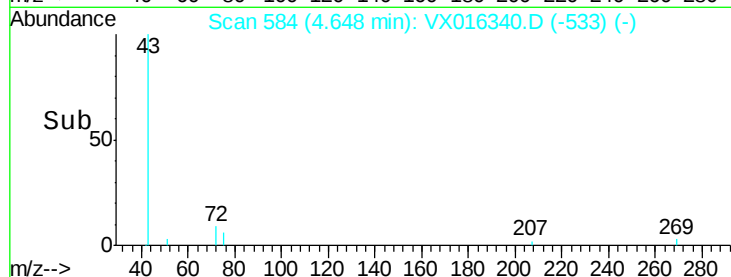
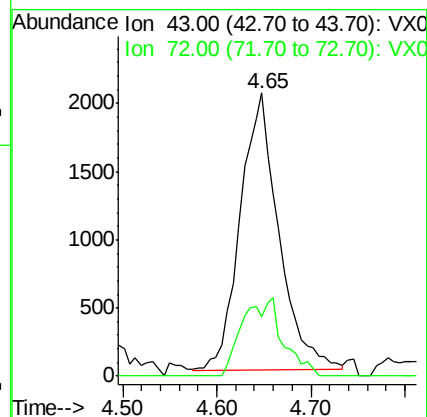
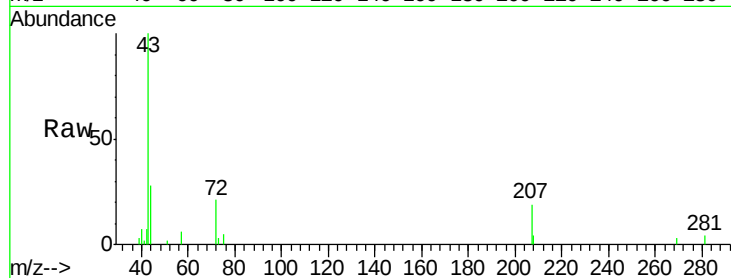
1378

Tot Ion: 43 Resp: 5790

Ion Ratio Lower Upper

43 100

72 21.6 21.8 32.8#



#30

Chloroform

Concen: 0.381 ug/l

RT: 5.19 min Scan# 673

Delta R.T. 0.01 min

Lab File: VX016340.D

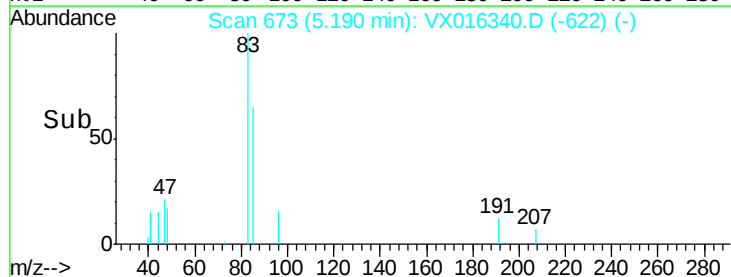
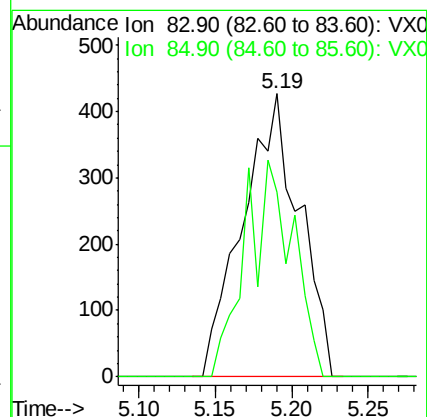
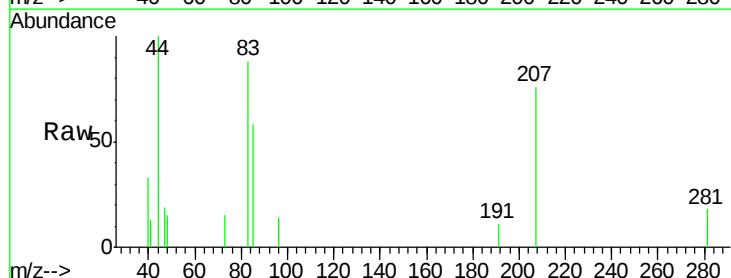
Acq: 19 May 2020 17:18

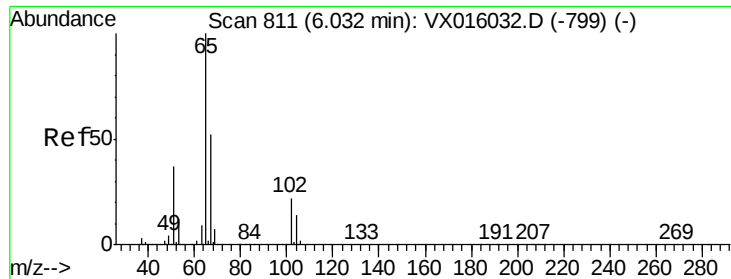
Tgt Ion: 83 Resp: 1103

Ion Ratio Lower Upper

83 100

85 65.1 51.6 77.4





#33

1,2-Dichloroethane-d4

Concen: 13.428 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016340.D

Acq: 19 May 2020 17:18

Instrument :

MSVOA_X

ClientSampled :

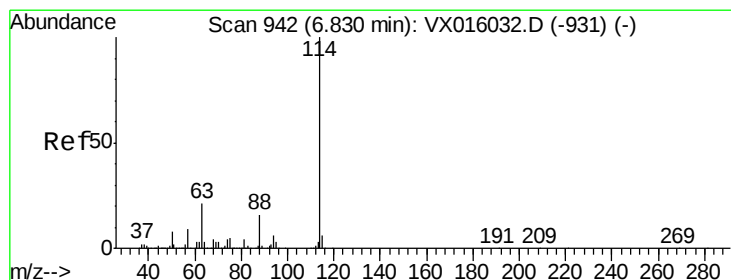
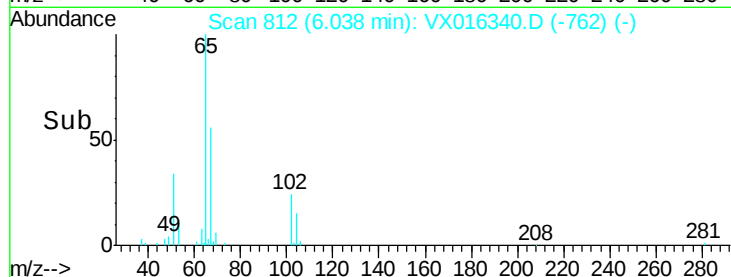
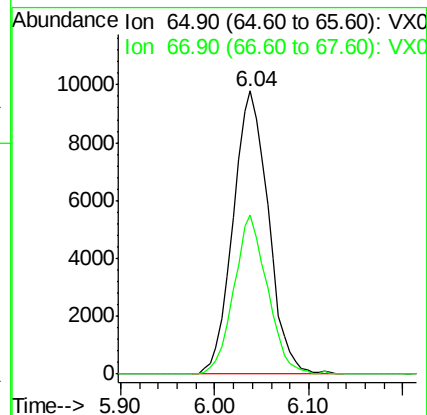
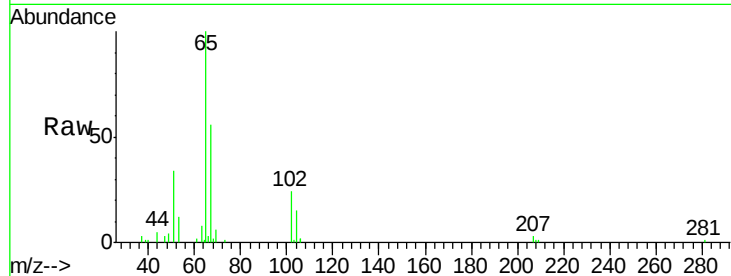
1378

Tot Ion: 65 Resp: 25526

Ion Ratio Lower Upper

65 100

67 53.2 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: VX016340.D

Acq: 19 May 2020 17:18

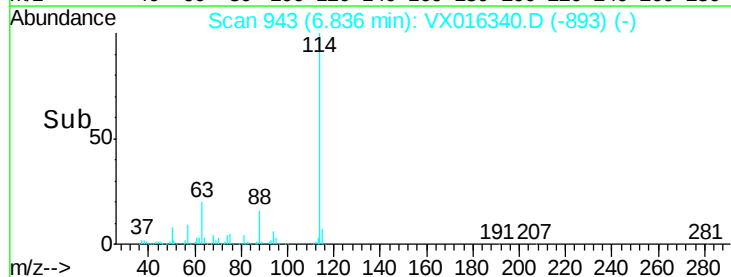
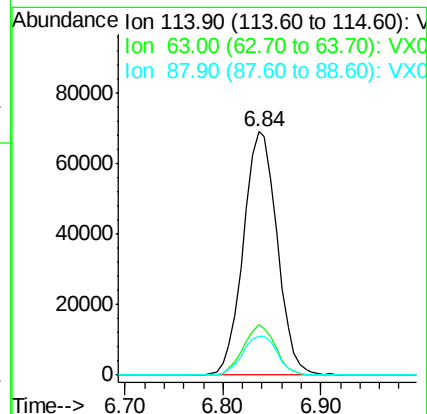
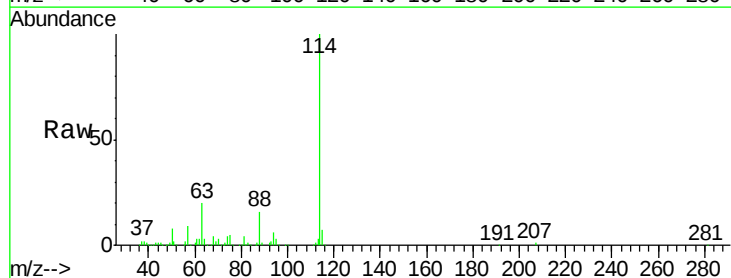
Tgt Ion: 114 Resp: 165630

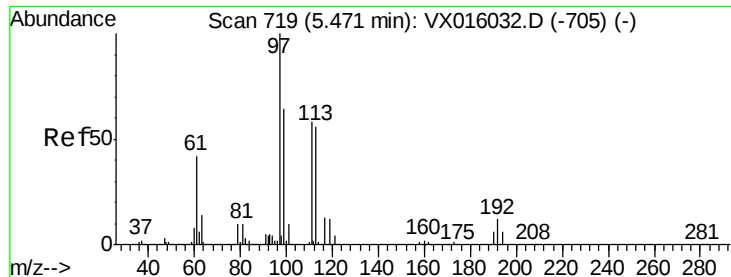
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.8

88 15.9 0.0 31.4

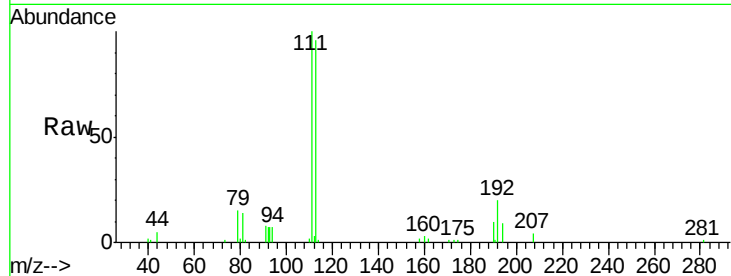




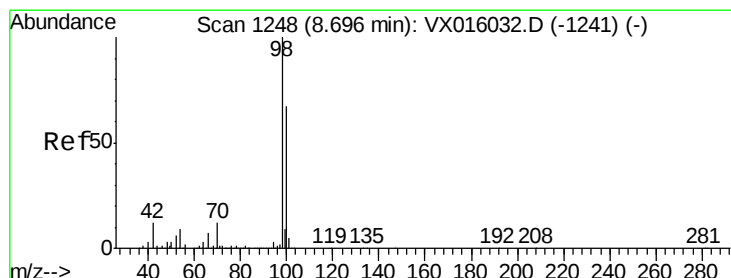
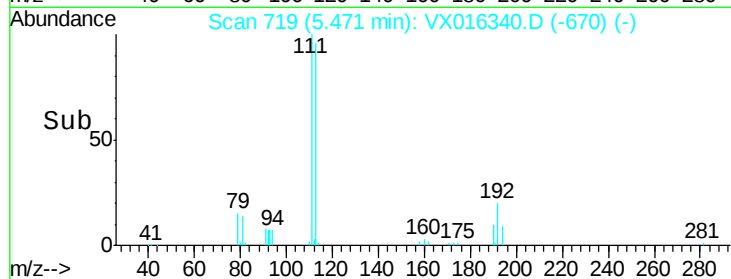
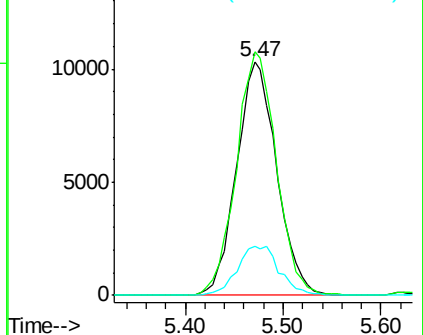
#35
Dibromofluoromethane
Concen: 27.983 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016340.D
Acq: 19 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
1378

Tot Ion:113 Resp: 29364
Ion Ratio Lower Upper
113 100
111 103.9 81.6 122.4
192 22.1 17.0 25.4

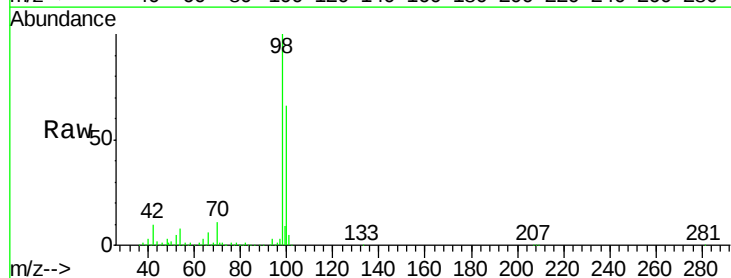


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

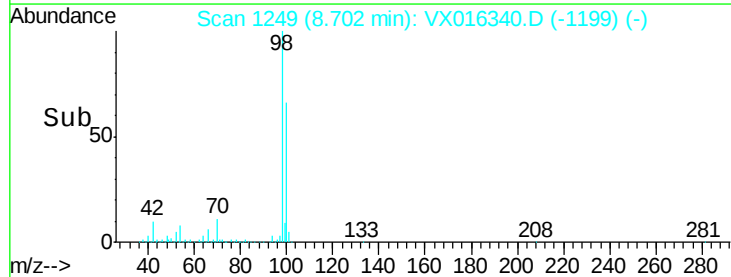
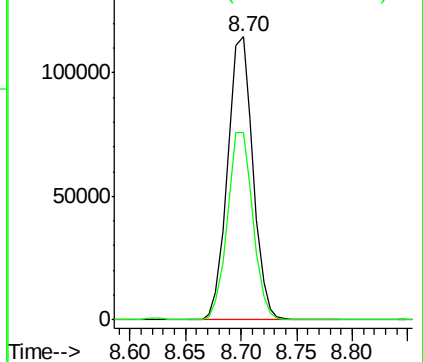


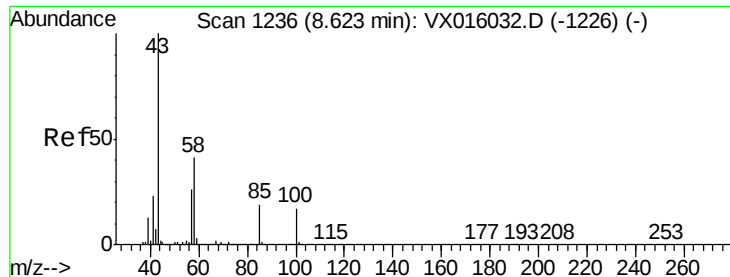
#50
Toluene-d8
Concen: 44.721 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX016340.D
Acq: 19 May 2020 17:18

Tgt Ion: 98 Resp: 180815
Ion Ratio Lower Upper
98 100
100 66.5 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 3.261 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016340.D

Acq: 19 May 2020 17:18

Instrument :

MSVOA_X

ClientSampleId :

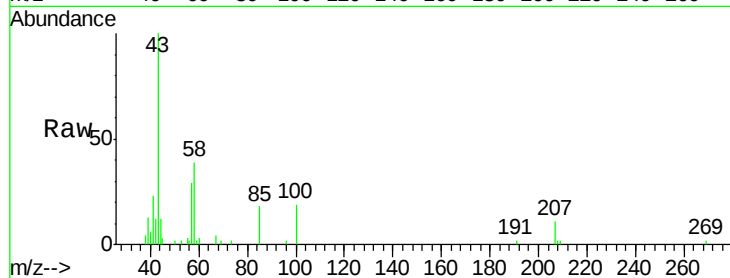
1378

Tot Ion: 43 Resp: 6017

Ion Ratio Lower Upper

43 100

58 43.0 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

3000

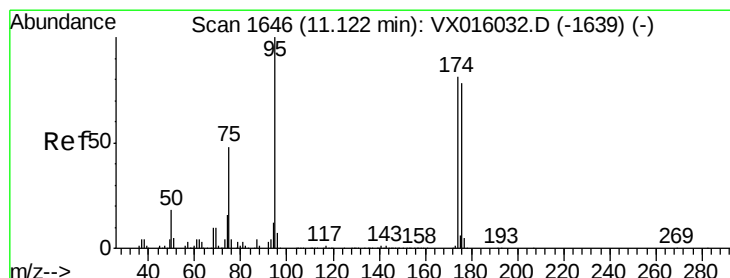
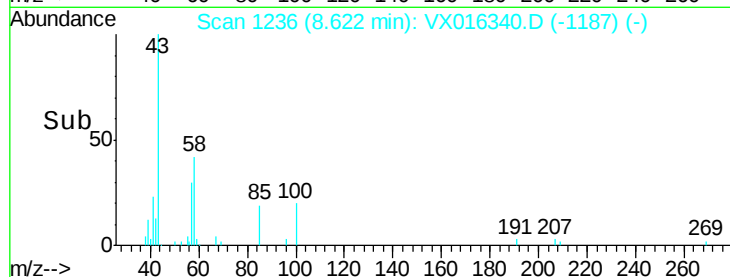
2000

1000

0

8.55 8.60 8.65 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 20.802 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016340.D

Acq: 19 May 2020 17:18

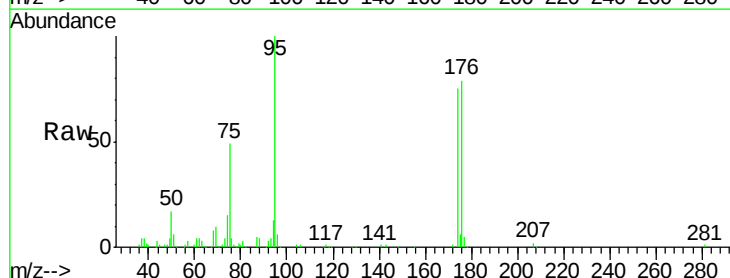
Tgt Ion: 95 Resp: 31990

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

176 78.8 0.0 157.6



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

11.12

30000

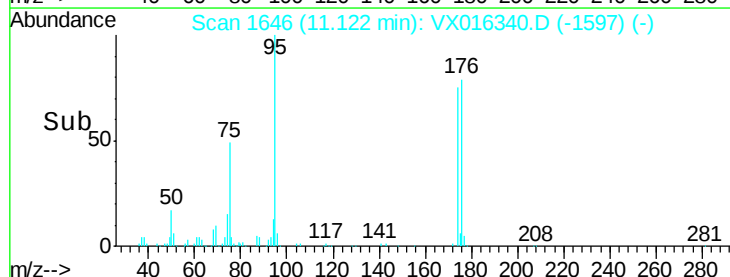
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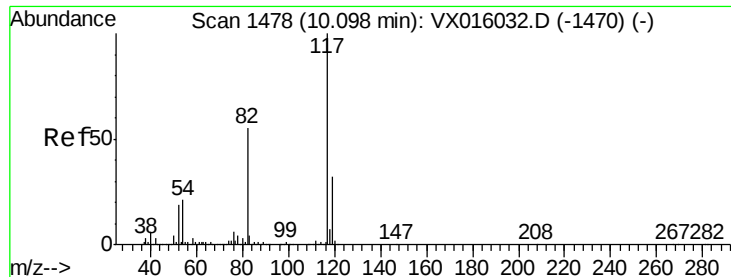
10000

0

11.05 11.10 11.15

Time-->

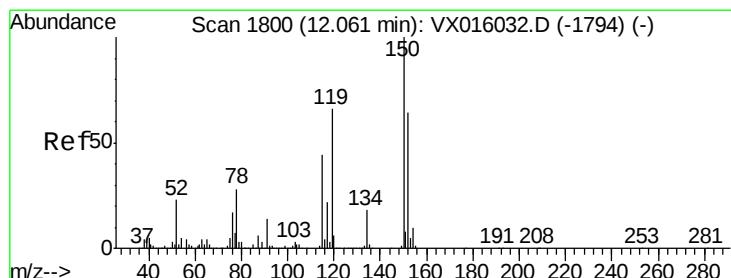
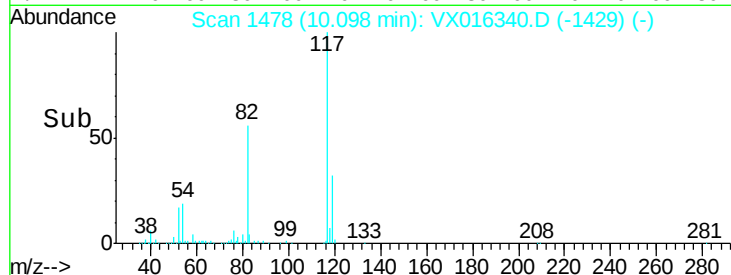
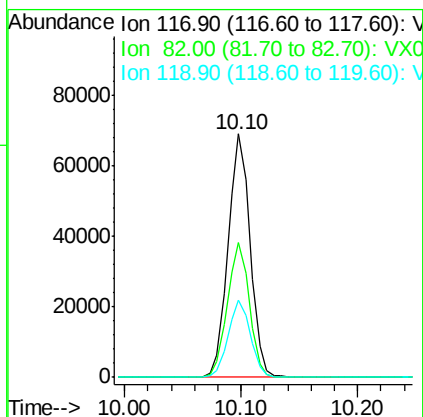
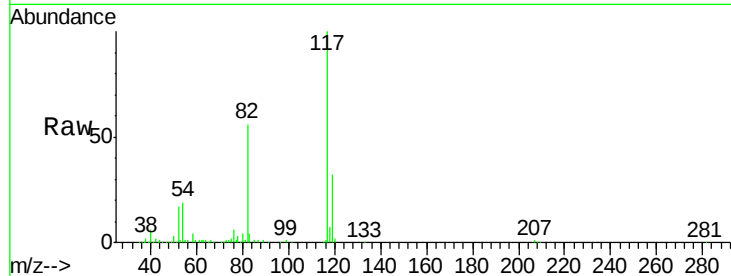




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016340.D
Acq: 19 May 2020 17:18

Instrument :
MSVOA_X
ClientSampleId :
1378

Tot Ion:117 Resp: 90801
Ion Ratio Lower Upper
117 100
82 55.5 44.4 66.6
119 31.7 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: VX016340.D
Acq: 19 May 2020 17:18

Tgt Ion:152 Resp: 23676
Ion Ratio Lower Upper
152 100
115 59.6 41.3 124.1
150 159.3 0.0 352.2

