

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
 Data File : VX017528.D
 Acq On : 24 Jul 2020 06:02
 Operator : JC/SP
 Sample : L3381-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 357-GRID-A4-A6

Quant Time: Jul 24 07:45:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

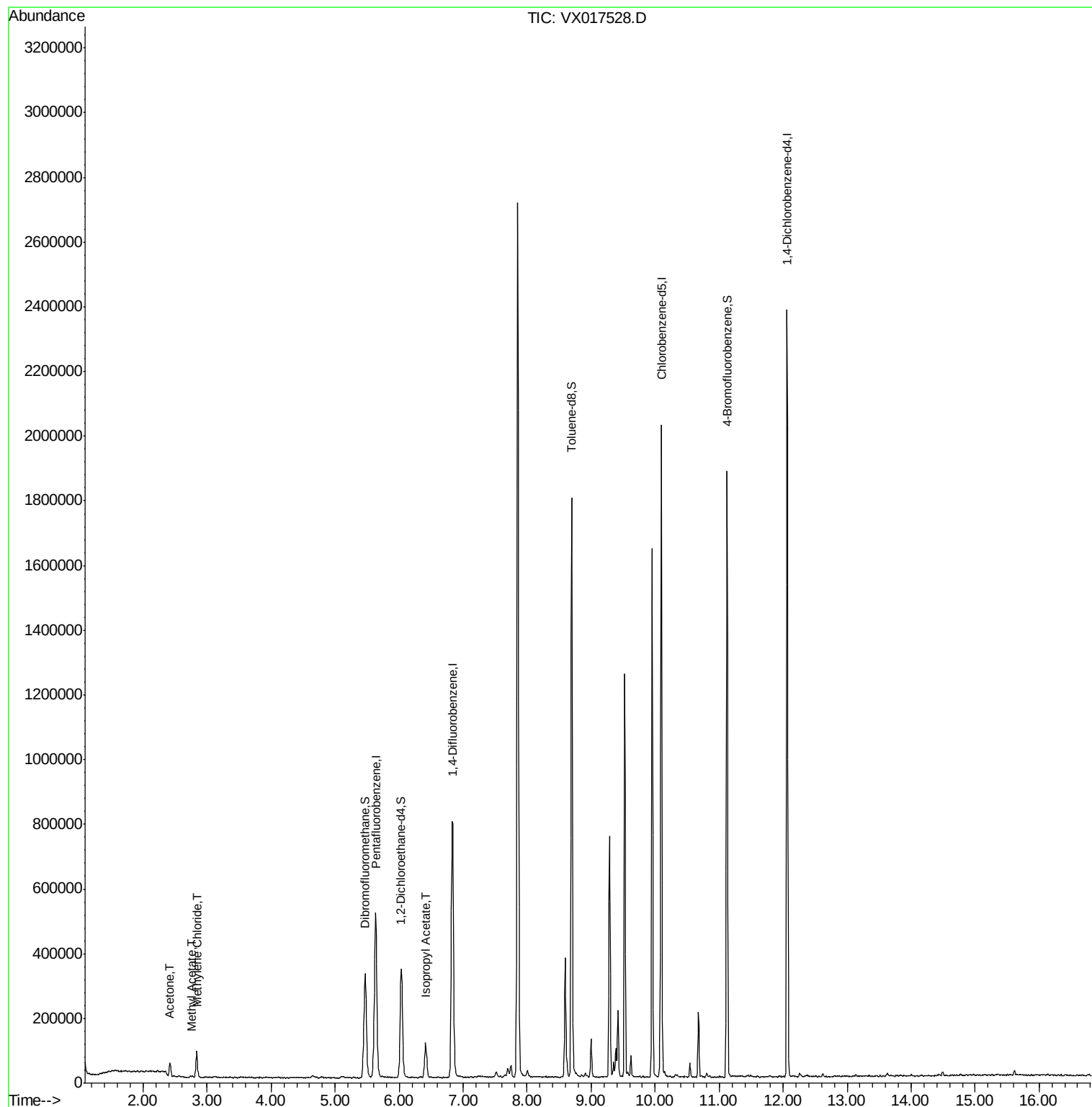
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	476269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	815708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	902219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	484611	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	334894	54.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.48%	
35) Dibromofluoromethane	5.46	113	280460	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
50) Toluene-d8	8.70	98	1052698	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.12	95	464072	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
Target Compounds						
16) Acetone	2.42	43	44798	16.637	ug/l	93
18) Methyl Acetate	2.75	43	6903	1.089	ug/l	91
20) Methylene Chloride	2.84	84	35099	5.785	ug/l	89
43) Isopropyl Acetate	6.42	43	148845	10.539	ug/l	98

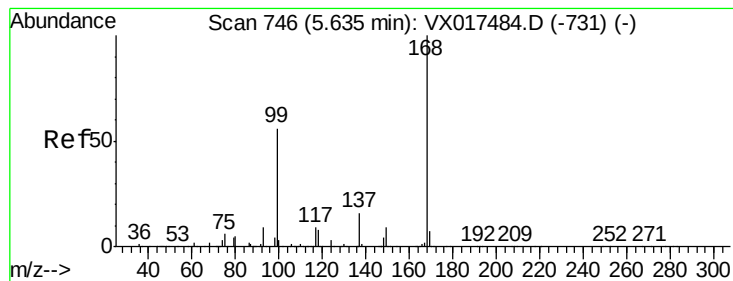
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017528.D

Acq: 24 Jul 2020 06:02

Instrument :

MSVOA_X

ClientSampleId :

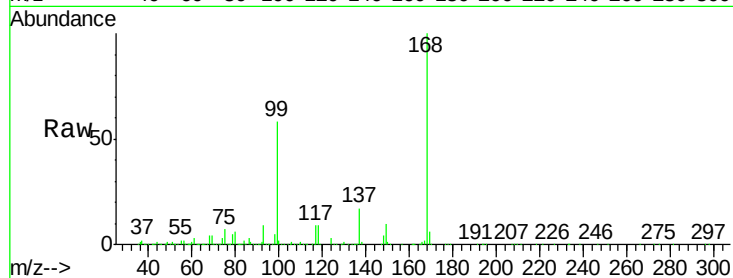
357-GRID-A4-A6

Tot Ion:168 Resp: 476269

Ion Ratio Lower Upper

168 100

99 57.8 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

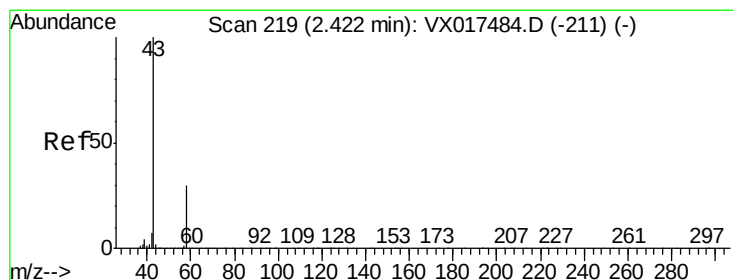
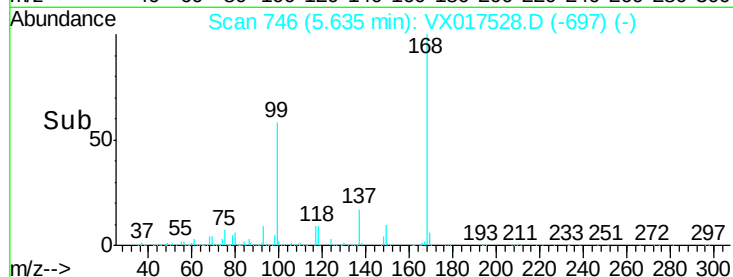
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 16.637 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017528.D

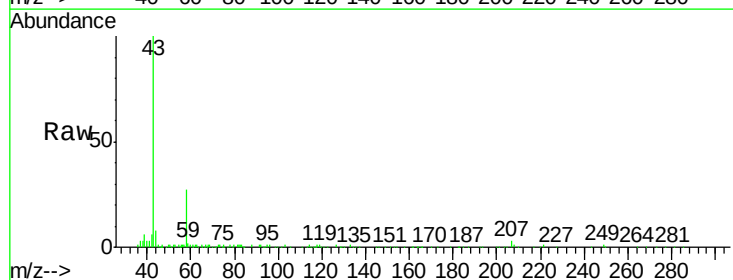
Acq: 24 Jul 2020 06:02

Tgt Ion: 43 Resp: 44798

Ion Ratio Lower Upper

43 100

58 26.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

30000

25000

20000

15000

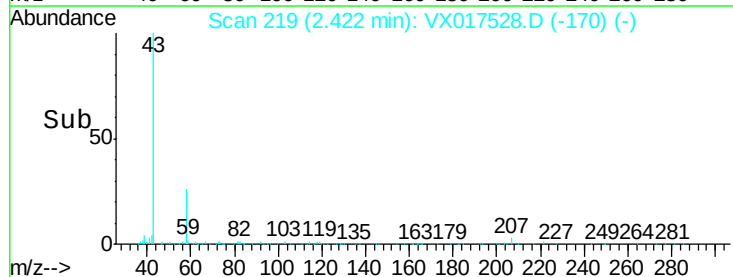
10000

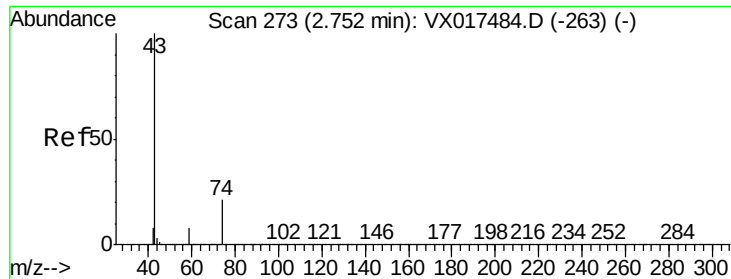
5000

0

Time-->

2.35 2.40 2.45 2.50

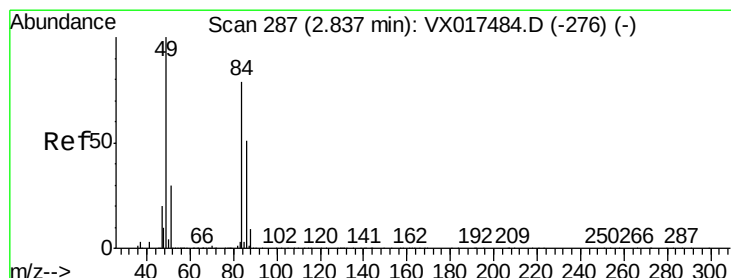
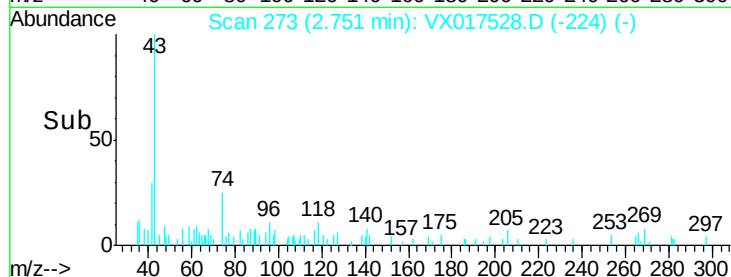
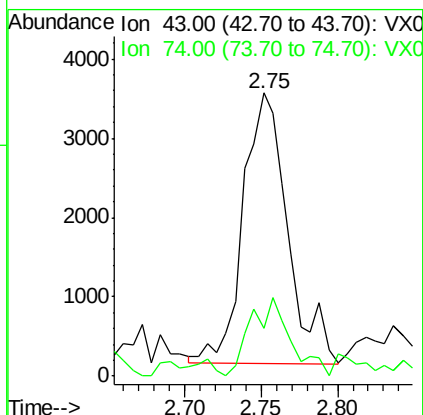
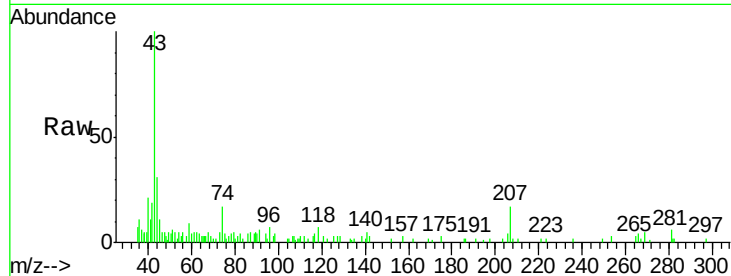




#18
Methyl Acetate
Concen: 1.089 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX017528.D
Acq: 24 Jul 2020 06:02

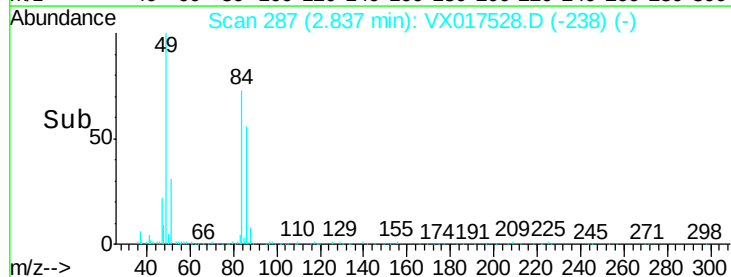
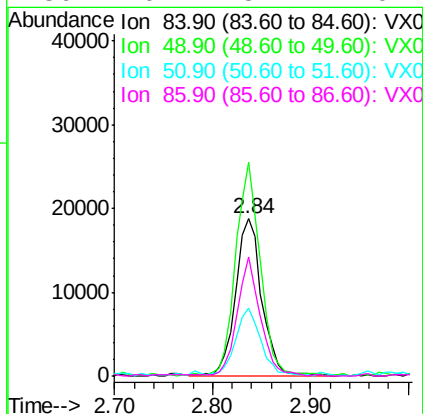
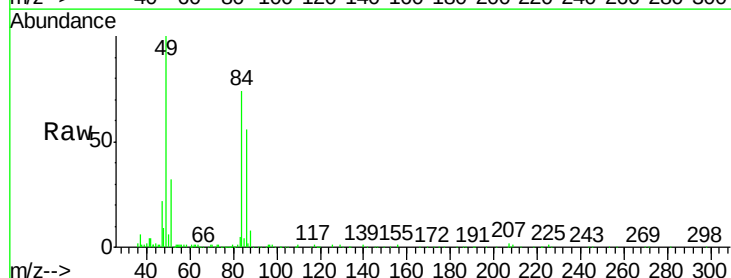
Instrument :
MSVOA_X
ClientSampleId :
357-GRID-A4-A6

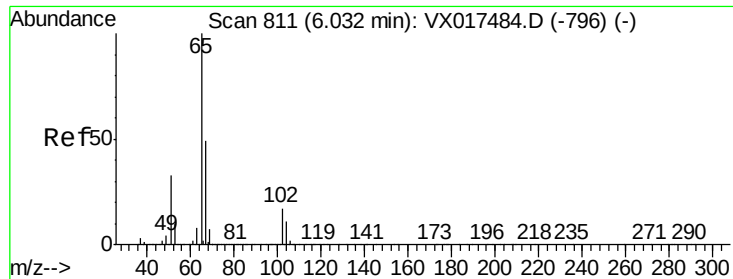
Tot Ion: 43 Resp: 6903
Ion Ratio Lower Upper
43 100
74 26.1 17.5 26.3



#20
Methylene Chloride
Concen: 5.785 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017528.D
Acq: 24 Jul 2020 06:02

Tgt Ion: 84 Resp: 35099
Ion Ratio Lower Upper
84 100
49 135.3 100.3 150.5
51 43.3 30.5 45.7
86 76.2 51.1 76.7

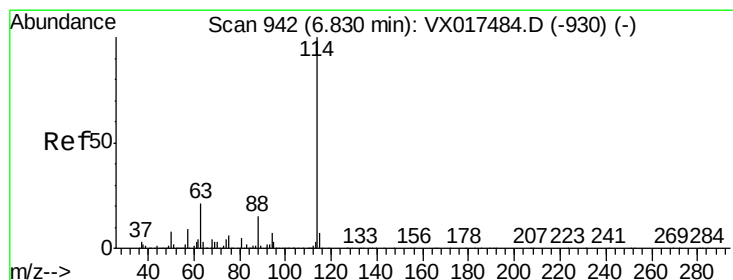
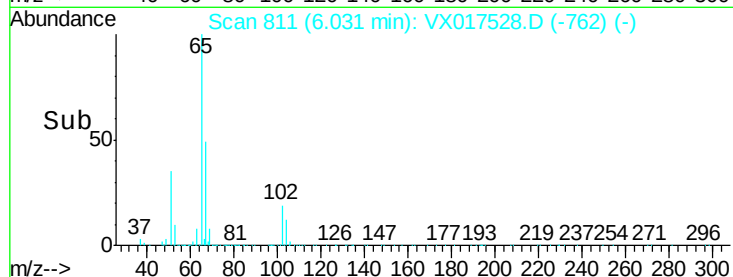
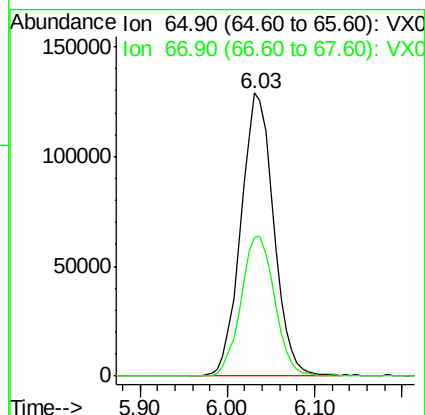
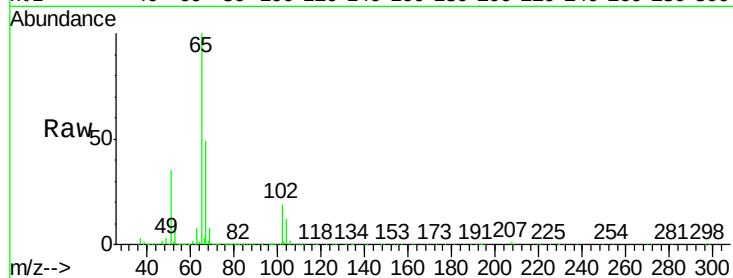




#33
 1,2-Dichloroethane-d4
 Concen: 54.740 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017528.D
 Acq: 24 Jul 2020 06:02

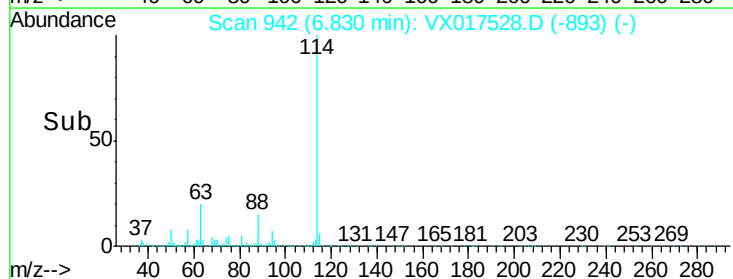
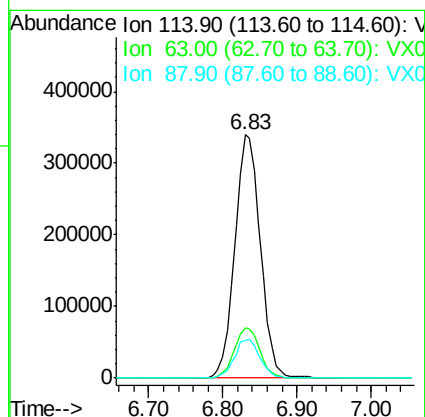
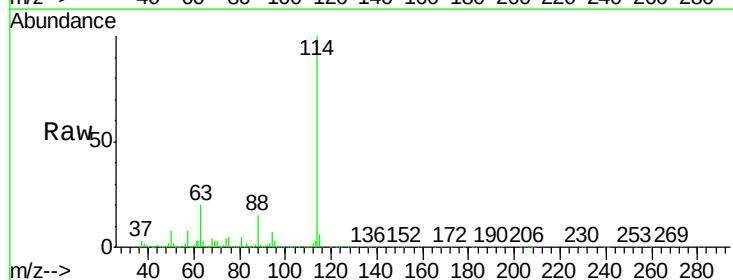
Instrument :
 MSVOA_X
 ClientSampleId :
 357-GRID-A4-A6

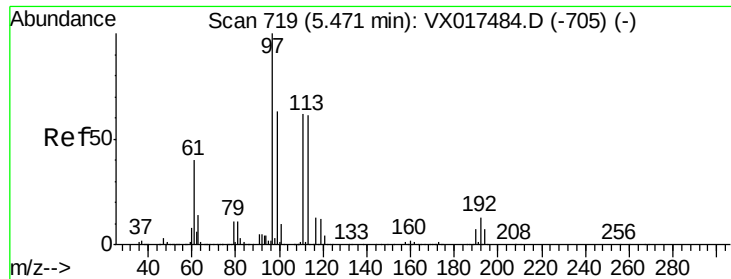
Tot Ion: 65 Resp: 334894
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017528.D
 Acq: 24 Jul 2020 06:02

Tgt Ion: 114 Resp: 815708
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.409 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX017528.D

Acq: 24 Jul 2020 06:02

Instrument :

MSVOA_X

ClientSampleId :

357-GRID-A4-A6

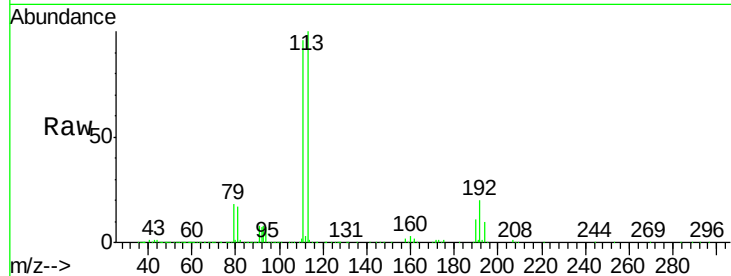
Tot Ion:113 Resp: 280460

Ion Ratio Lower Upper

113 100

111 101.3 80.7 121.1

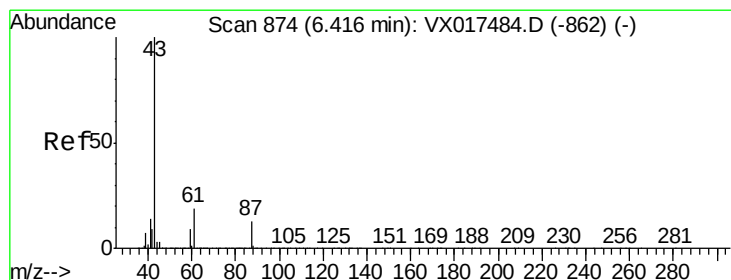
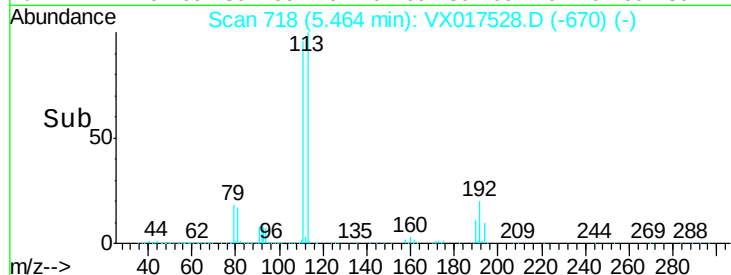
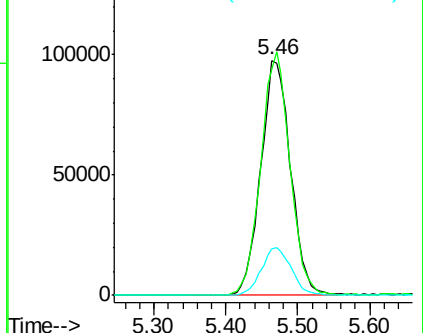
192 20.5 16.9 25.3



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



#43

Isopropyl Acetate

Concen: 10.539 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX017528.D

Acq: 24 Jul 2020 06:02

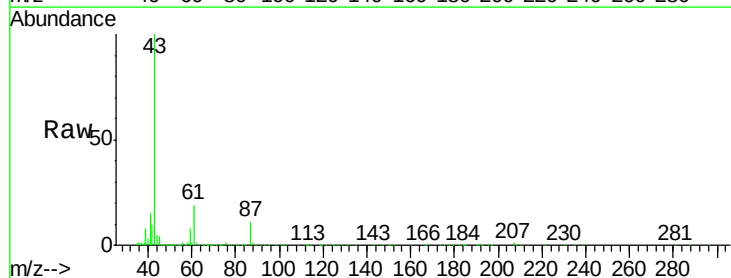
Tgt Ion: 43 Resp: 148845

Ion Ratio Lower Upper

43 100

61 20.4 15.5 23.3

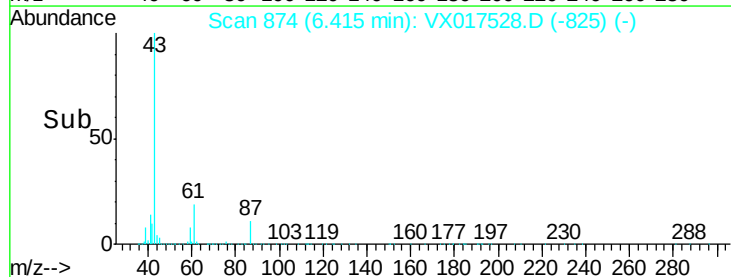
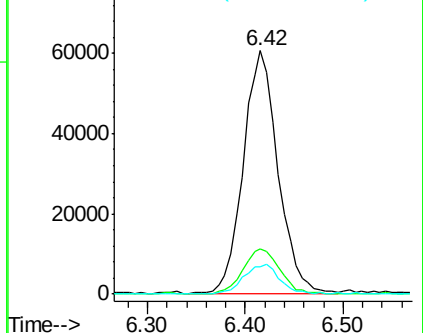
87 12.8 10.5 15.7

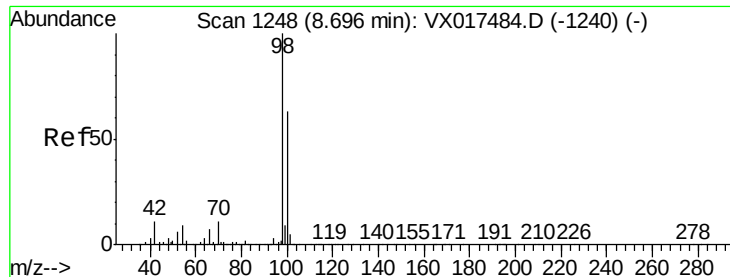


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 53.489 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017528.D

Acq: 24 Jul 2020 06:02

Instrument :

MSVOA_X

ClientSampleId :

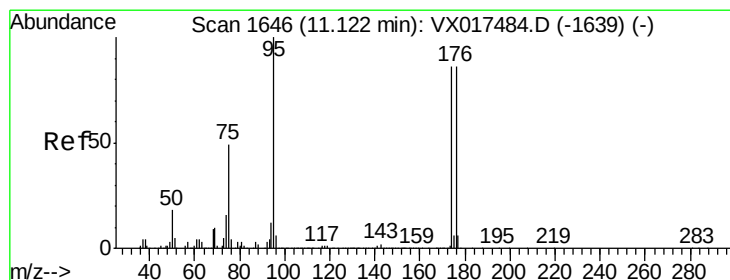
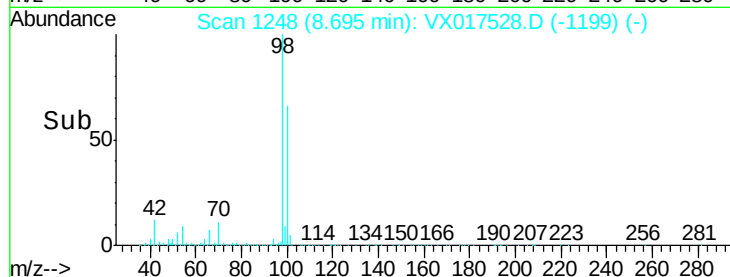
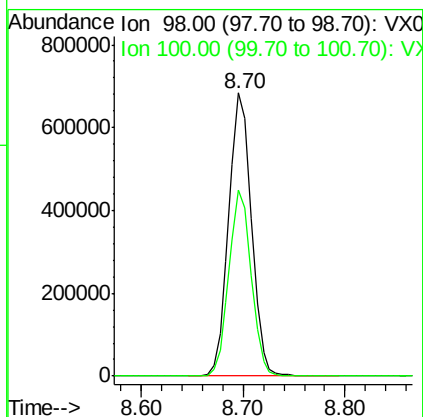
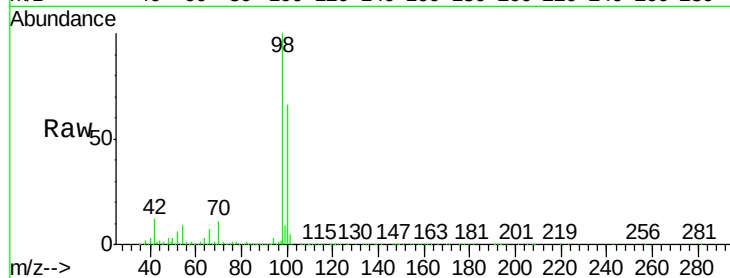
357-GRID-A4-A6

Tot Ion: 98 Resp: 1052698

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 58.921 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017528.D

Acq: 24 Jul 2020 06:02

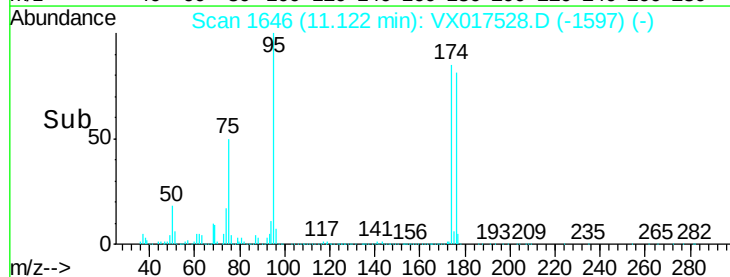
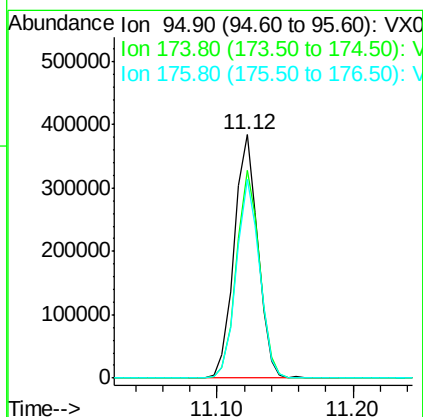
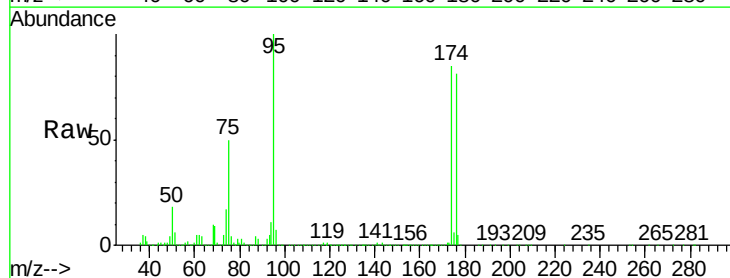
Tgt Ion: 95 Resp: 464072

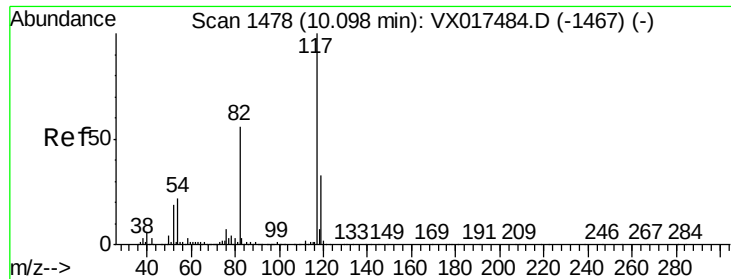
Ion Ratio Lower Upper

95 100

174 84.0 0.0 169.0

176 80.2 0.0 161.0

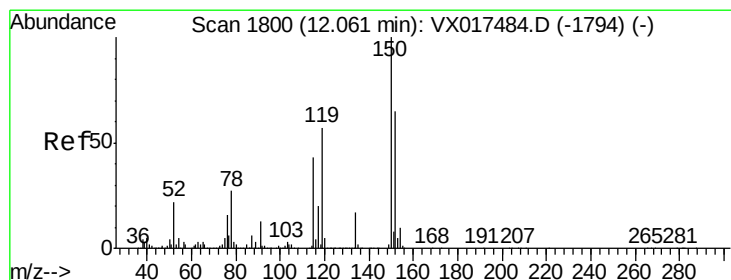
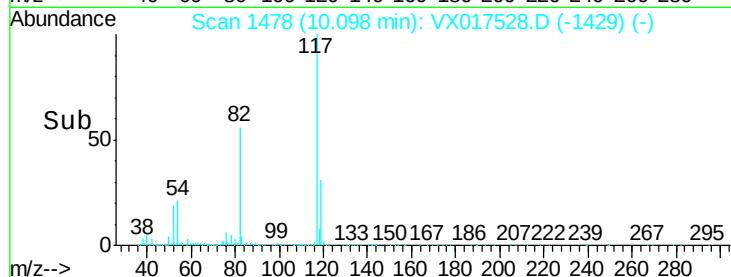
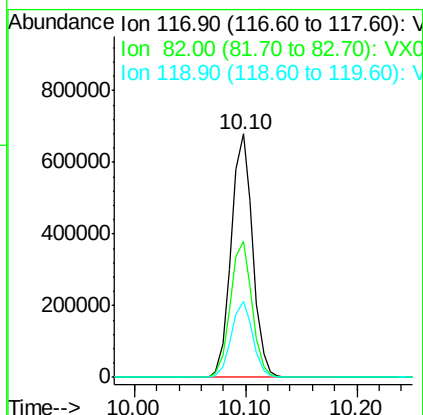
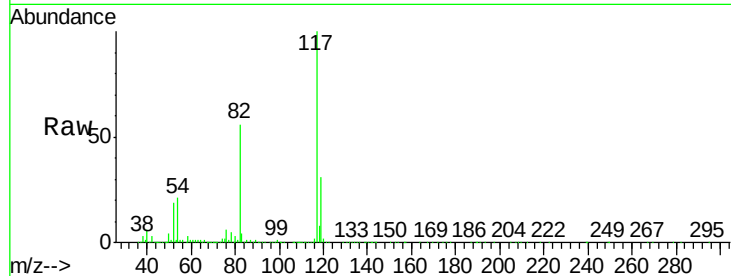




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017528.D
Acq: 24 Jul 2020 06:02

Instrument :
MSVOA_X
ClientSampleId :
357-GRID-A4-A6

Tot Ion:117 Resp: 902219
Ion Ratio Lower Upper
117 100
82 55.6 44.0 66.0
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX017528.D
Acq: 24 Jul 2020 06:02

Tgt Ion:152 Resp: 484611
Ion Ratio Lower Upper
152 100
115 58.2 65.5 196.6#
150 155.6 0.0 412.6

