

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061620\
 Data File : VX016804.D
 Acq On : 17 Jun 2020 02:04
 Operator : JC/SP
 Sample : L2808-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-061120

Quant Time: Jun 17 07:00:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

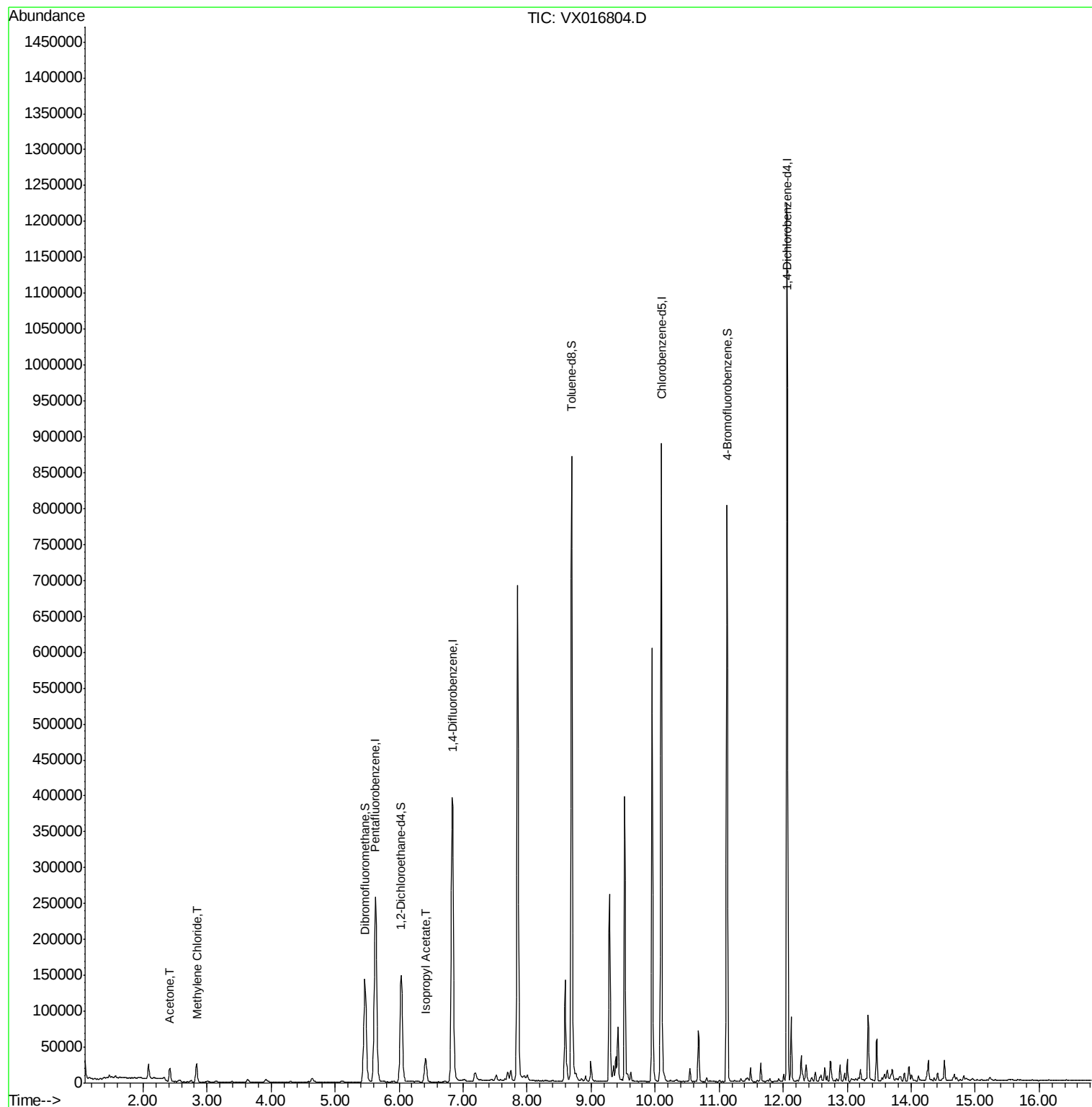
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	265462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	418691	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430223	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	145384	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
35) Dibromofluoromethane	5.47	113	125240	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	8.70	98	517245	54.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.60%	
62) 4-Bromofluorobenzene	11.12	95	210266	57.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.42%	
Target Compounds						
16) Acetone	2.42	43	19770	14.596	ug/l	96
20) Methylene Chloride	2.84	84	12733	4.364	ug/l	95
43) Isopropyl Acetate	6.41	43	45264	7.127	ug/l	99

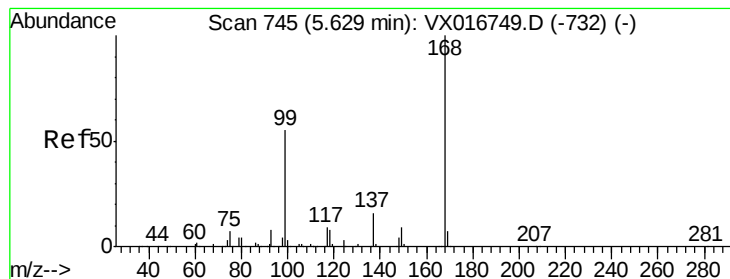
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016804.D

Acq: 17 Jun 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

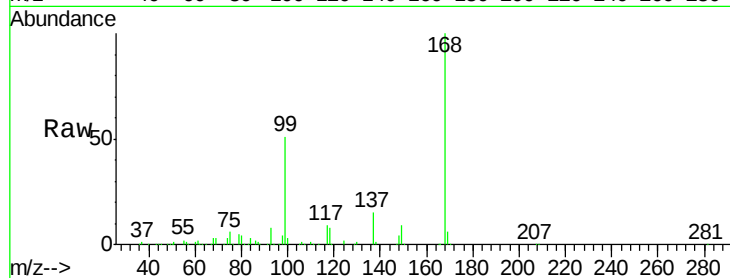
HR-06-061120

Tot Ion:168 Resp: 265462

Ion Ratio Lower Upper

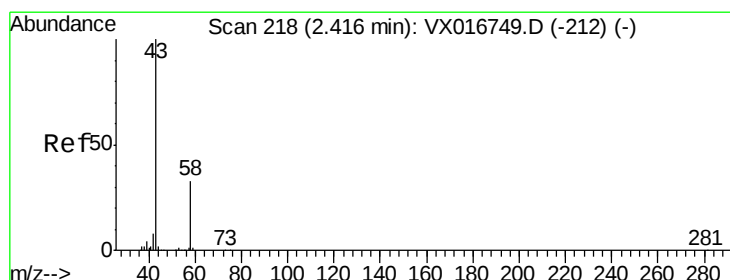
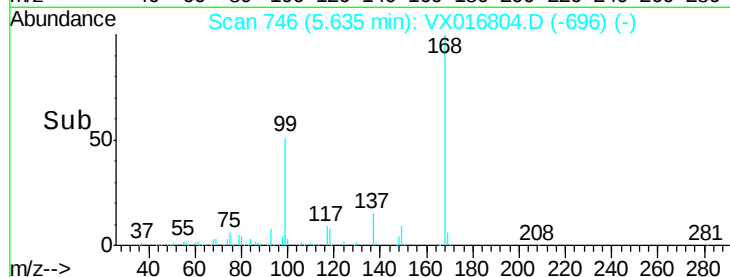
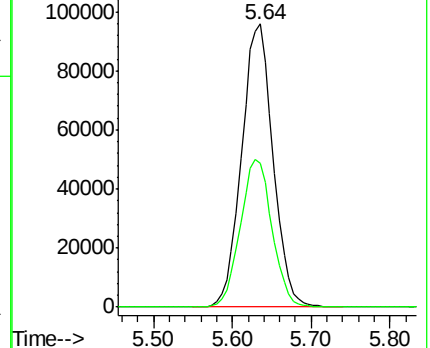
168 100

99 50.6 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 14.596 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016804.D

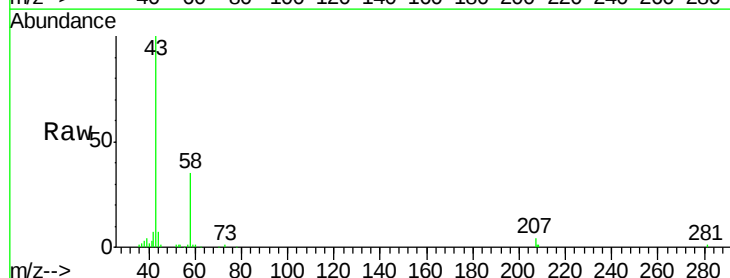
Acq: 17 Jun 2020 02:04

Tgt Ion: 43 Resp: 19770

Ion Ratio Lower Upper

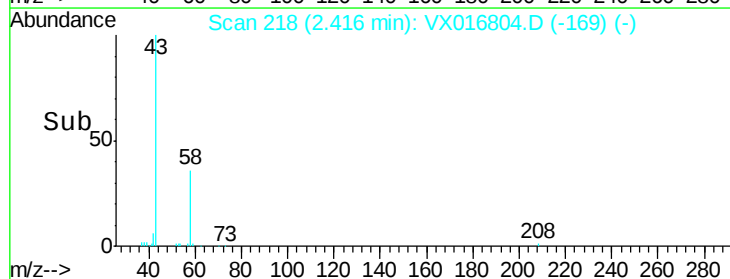
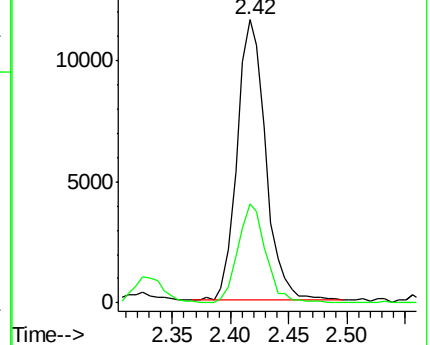
43 100

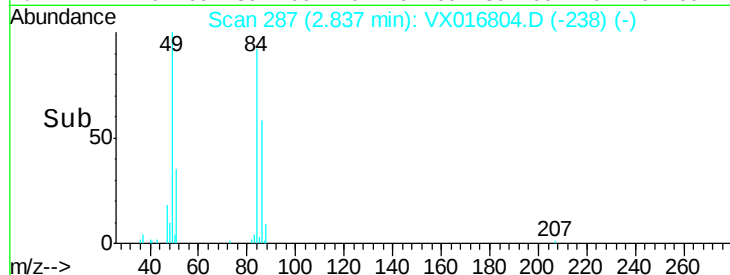
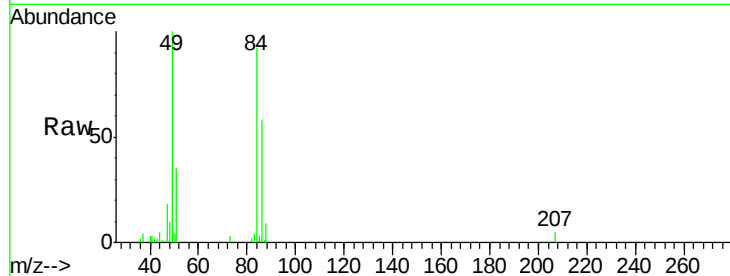
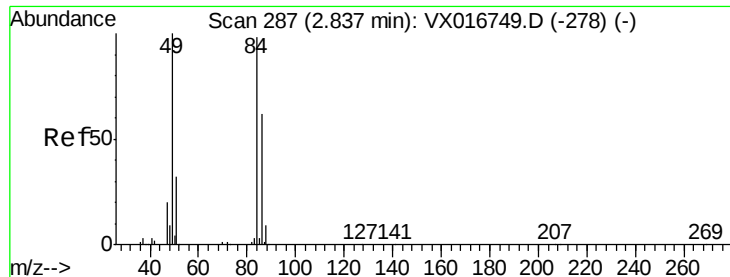
58 35.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

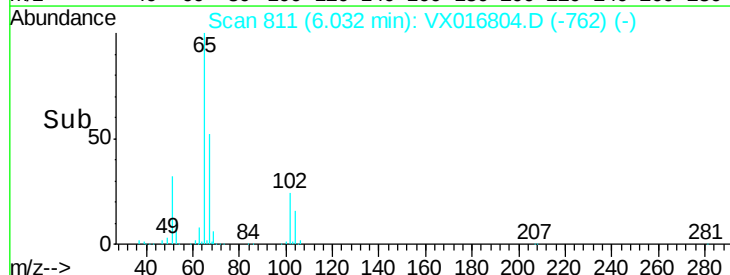
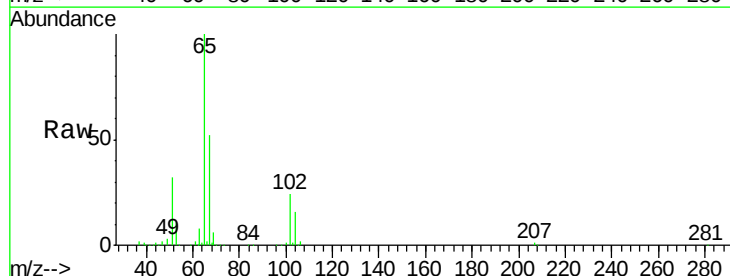
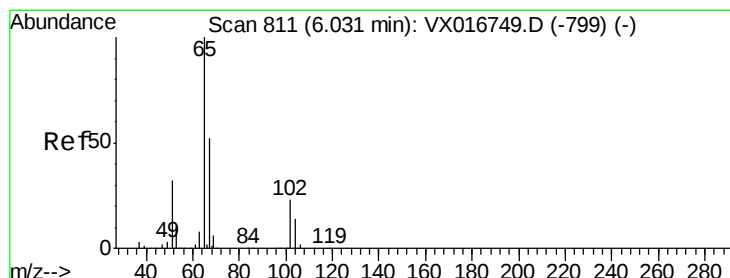
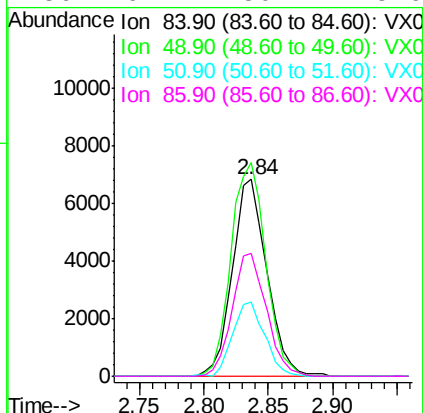




#20
Methvlene Chloride
Concen: 4.364 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016804.D
Acq: 17 Jun 2020 02:04

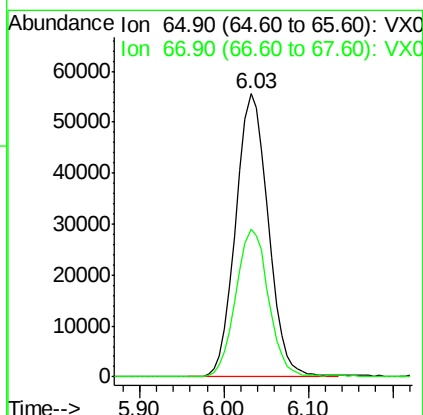
Instrument :
MSVOA_X
ClientSampled :
HR-06-061120

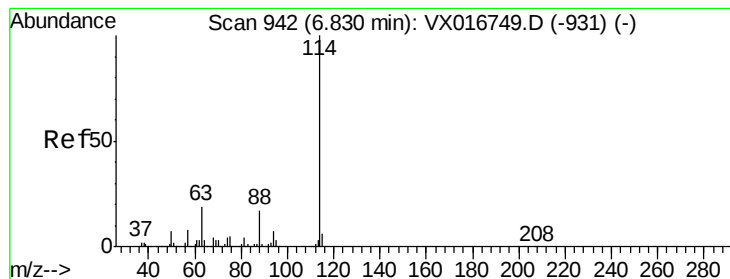
Tot Ion: 84 Resp: 12733
Ion Ratio Lower Upper
84 100
49 108.7 81.8 122.8
51 37.7 25.8 38.8
86 62.7 50.4 75.6



#33
1,2-Dichloroethane-d4
Concen: 48.693 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016804.D
Acq: 17 Jun 2020 02:04

Tgt Ion: 65 Resp: 145384
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016804.D

Acq: 17 Jun 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

HR-06-061120

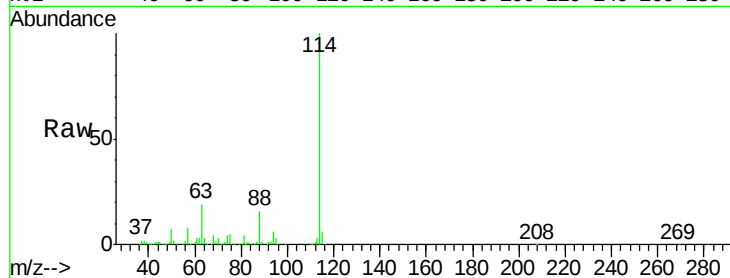
Tot Ion:114 Resp: 418691

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.8

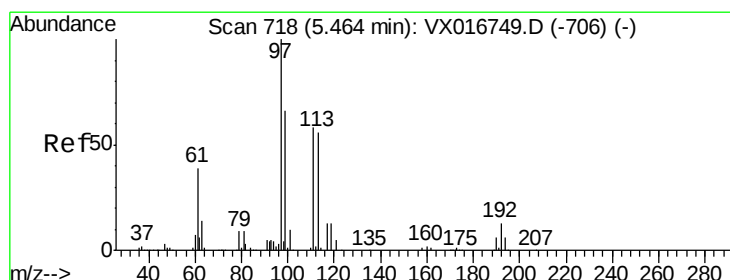
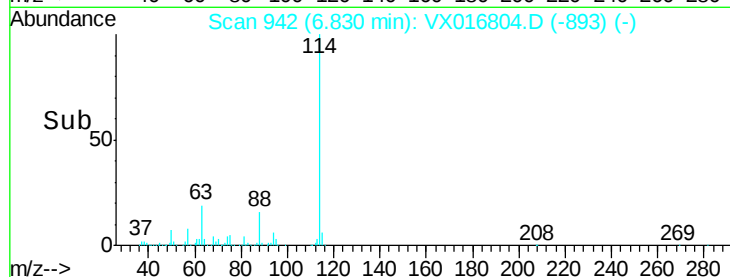
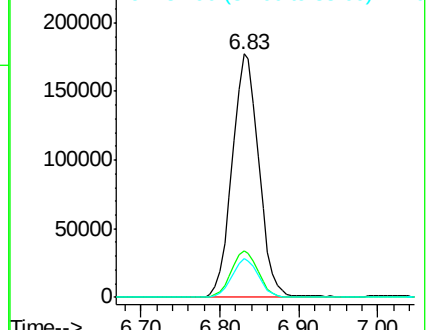
88 15.8 0.0 33.4



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: 48.481 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016804.D

Acq: 17 Jun 2020 02:04

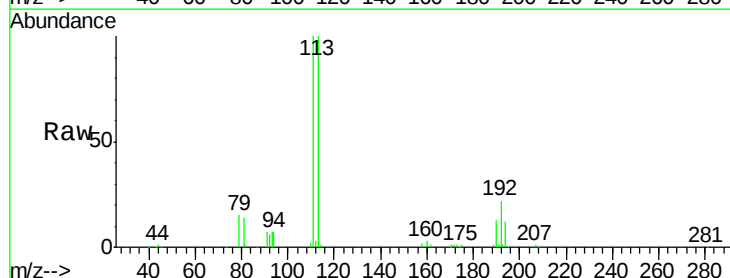
Tgt Ion:113 Resp: 125240

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.6

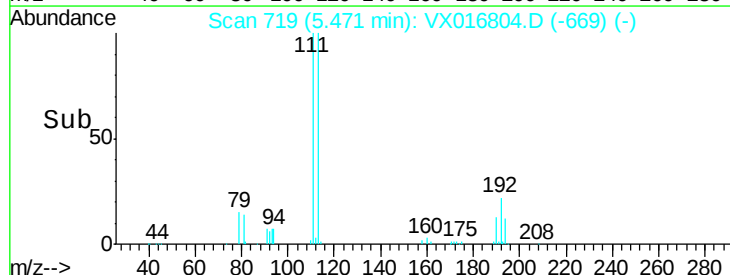
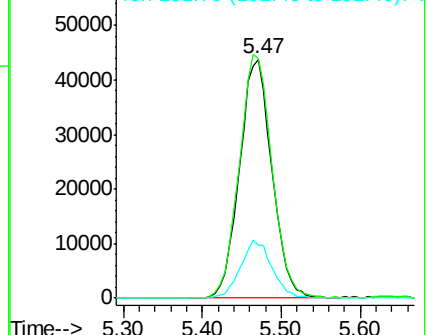
192 23.5 18.2 27.4

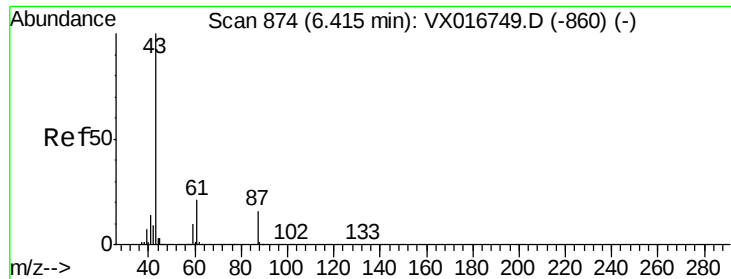


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 7.127 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016804.D

Acq: 17 Jun 2020 02:04

Instrument :

MSVOA_X

ClientSampleId :

HR-06-061120

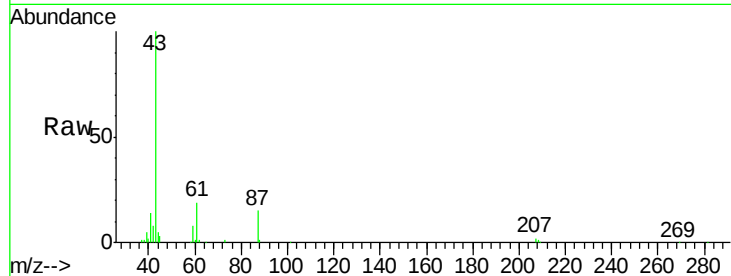
Tot Ion: 43 Resp: 45264

Ion Ratio Lower Upper

43 100

61 22.5 17.7 26.5

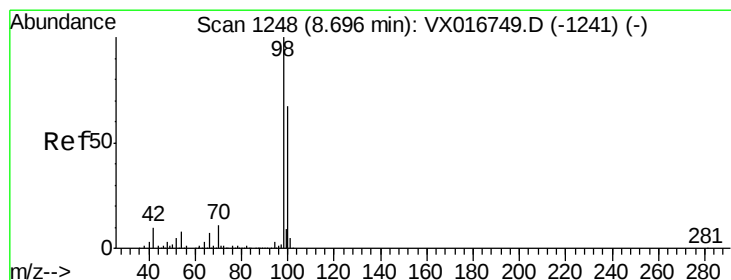
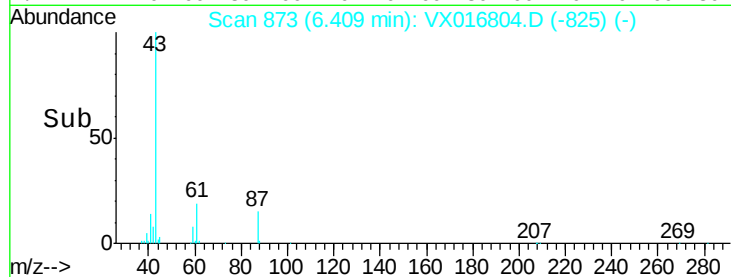
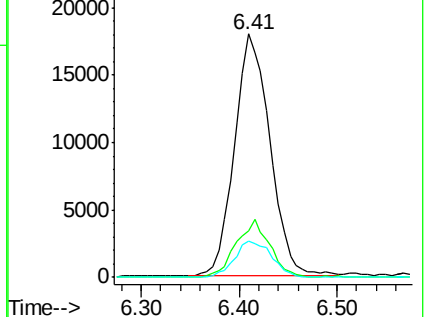
87 15.3 12.5 18.7



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: 54.303 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016804.D

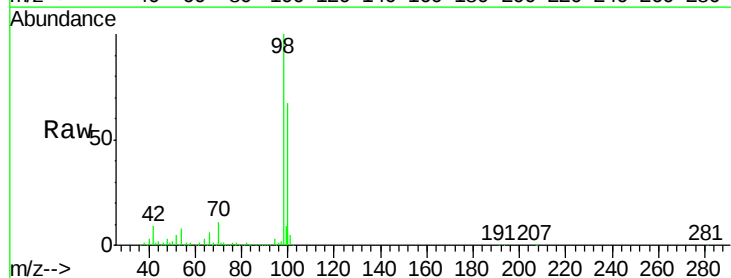
Acq: 17 Jun 2020 02:04

Tgt Ion: 98 Resp: 517245

Ion Ratio Lower Upper

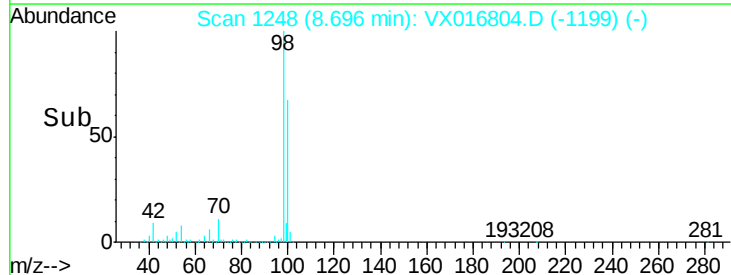
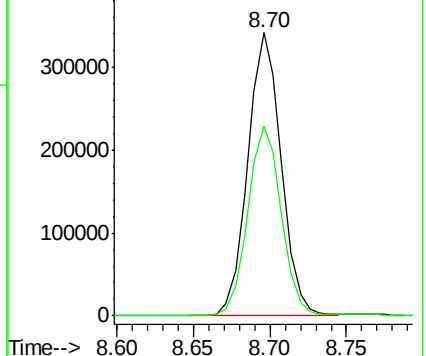
98 100

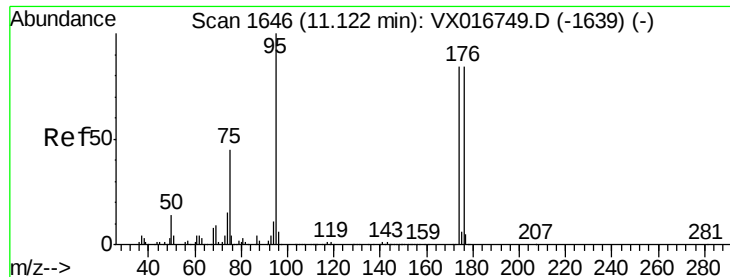
100 67.1 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

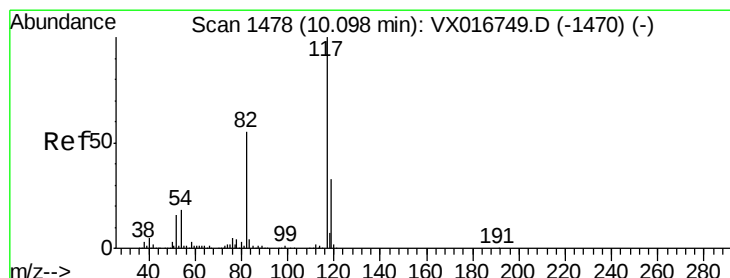
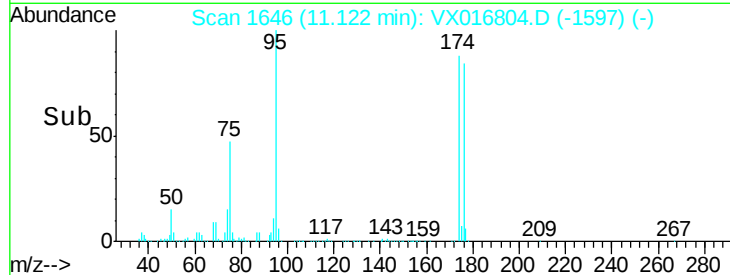
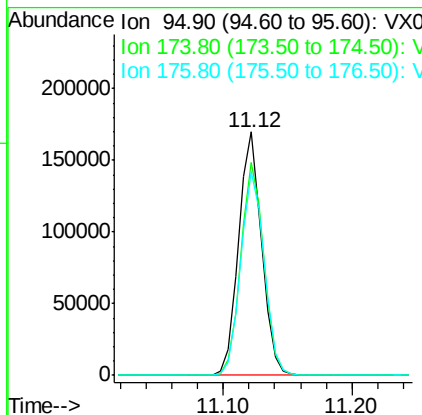
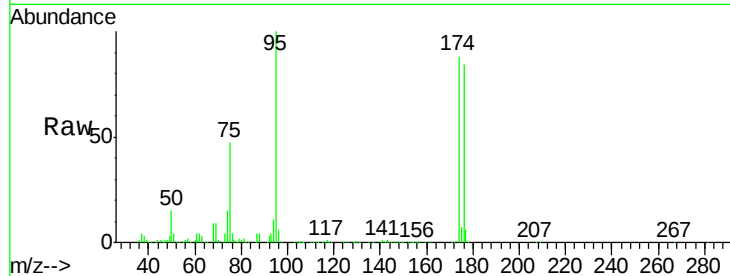




#62
4-Bromofluorobenzene
Concen: 57.712 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX016804.D
Acq: 17 Jun 2020 02:04

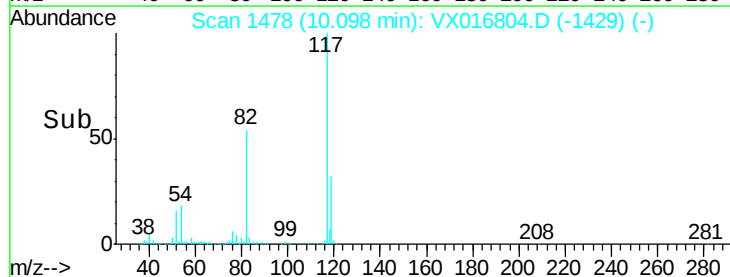
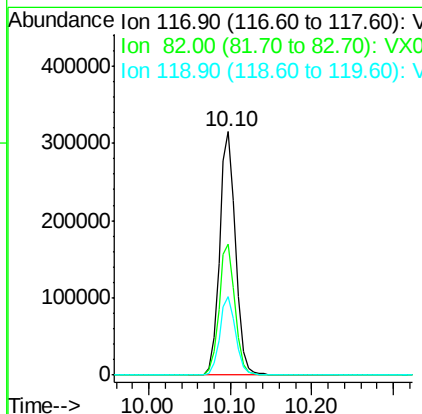
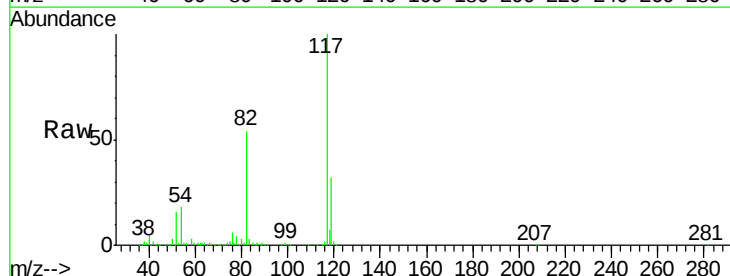
Instrument :
MSVOA_X
ClientSampleId :
HR-06-061120

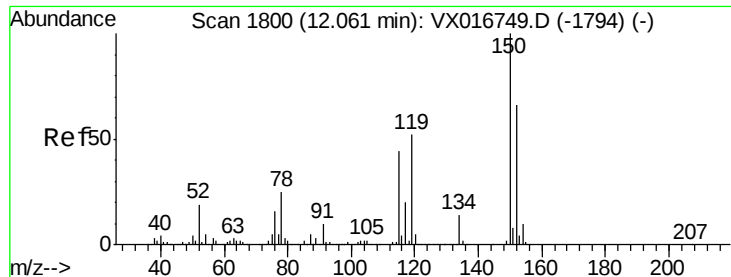
Tot Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	171.0
176	85.3	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016804.D
Acq: 17 Jun 2020 02:04

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	43.8	65.6
119	32.2	26.2	39.4

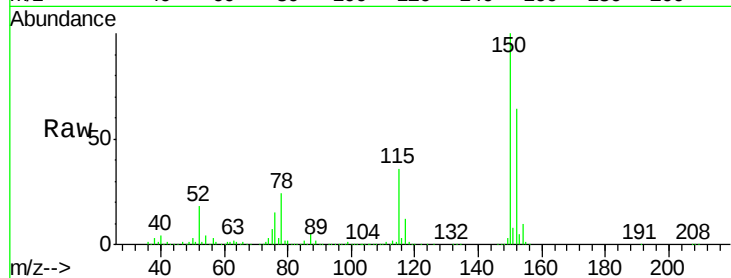




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.06 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VX016804.D
 Acq: 17 Jun 2020 02:04

Instrument :
 MSVOA_X
 ClientSampleId :
 HR-06-061120

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.5	40.3	120.8
150	155.2	0.0	337.4



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

