

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX031120\
 Data File : VX015199.D
 Acq On : 11 Mar 2020 14:39
 Operator : JC/SP
 Sample : PB127431ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#08

Quant Time: Mar 12 06:54:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	322881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	549172	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	545832	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	267398	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	206825	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	5.49	113	171934	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.71	98	682035	51.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.13	95	248280	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	

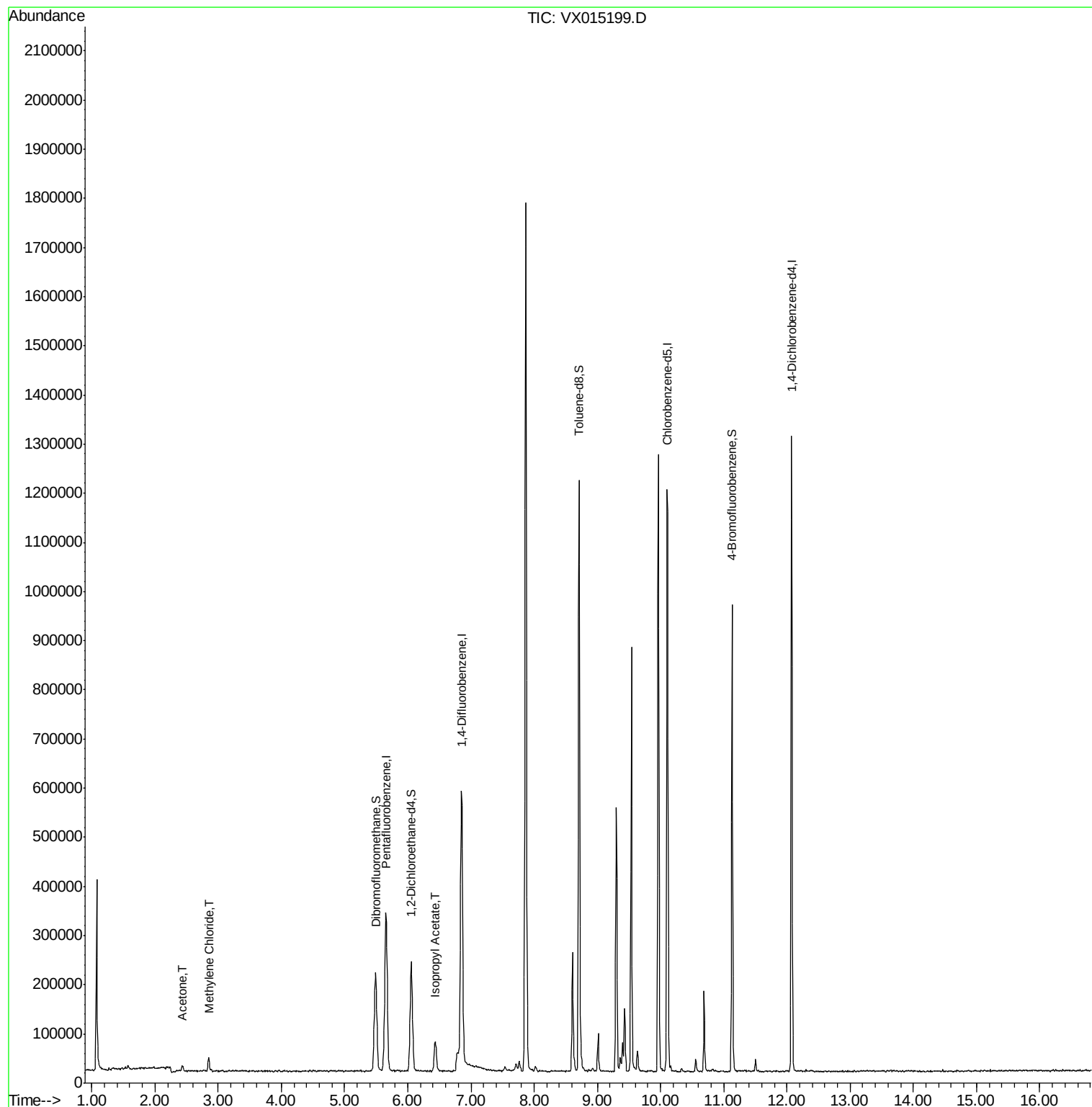
Target Compounds						Qvalue
16) Acetone	2.43	43	14752	9.51	ug/l	93
20) Methylene Chloride	2.85	84	14701	4.05	ug/l	92
43) Isopropyl Acetate	6.44	43	82899	10.01	ug/l	100

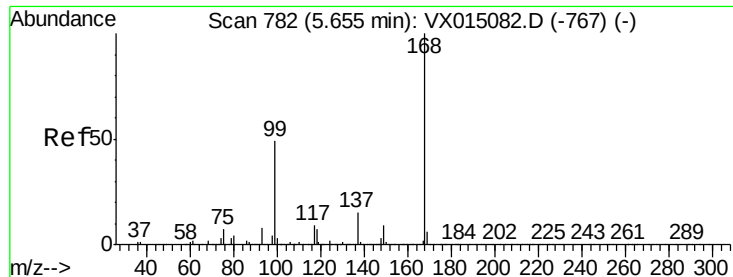
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015199.D

Acq: 11 Mar 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

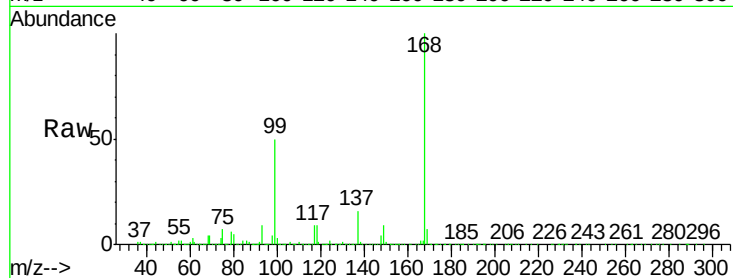
PB127431ZHE#08

Tgt Ion:168 Resp: 322881

Ion Ratio Lower Upper

168 100

99 50.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

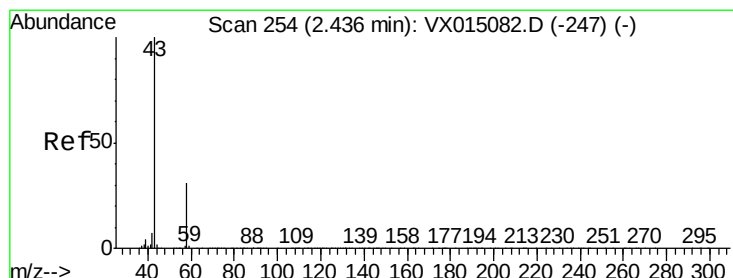
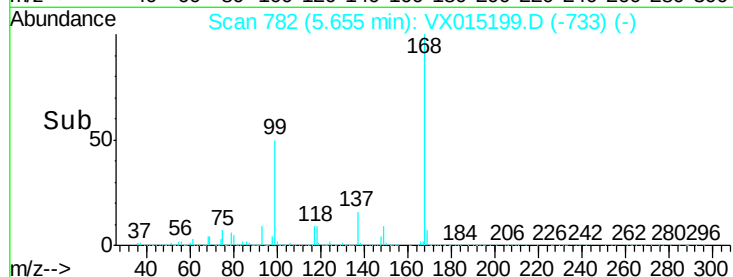
5.65

100000

50000

0

Time-->



#16

Acetone

Concen: 9.51 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX015199.D

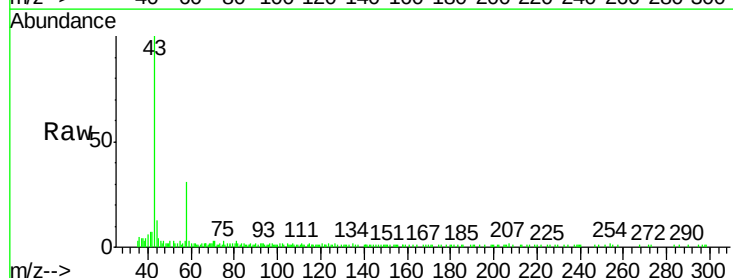
Acq: 11 Mar 2020 14:39

Tgt Ion: 43 Resp: 14752

Ion Ratio Lower Upper

43 100

58 27.1 24.8 37.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

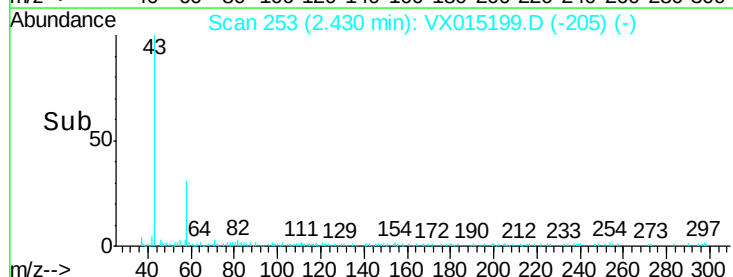
6000

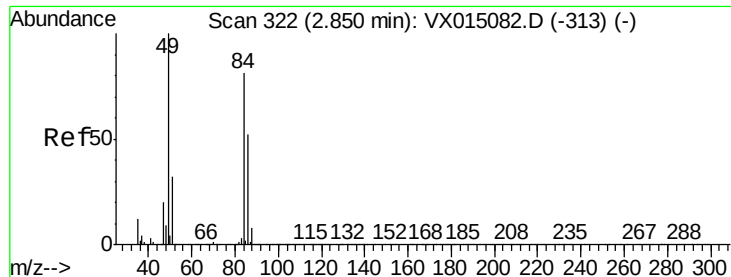
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 4.05 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.00 min

Lab File: VX015199.D

Acq: 11 Mar 2020 14:39

Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#08

Tgt Ion: 84 Resp: 14701

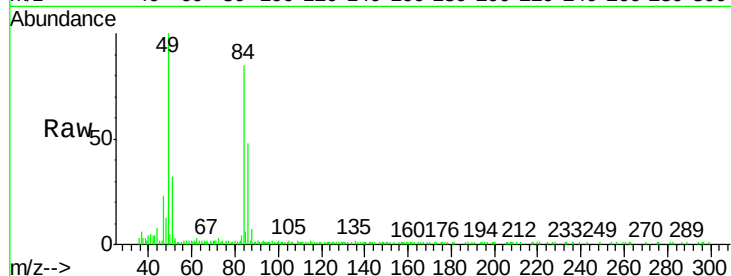
Ion Ratio Lower Upper

84 100

49 116.4 99.4 149.2

51 36.7 31.5 47.3

86 54.3 51.6 77.4

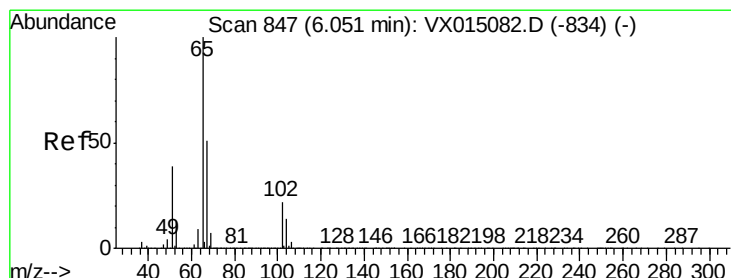
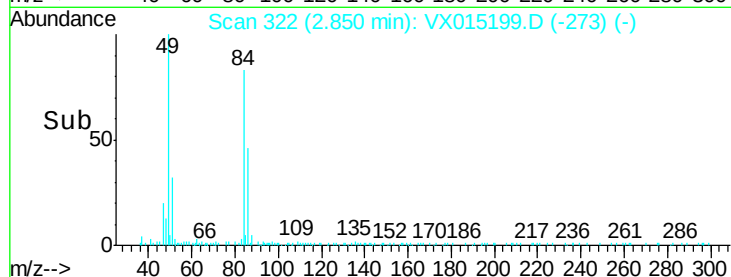
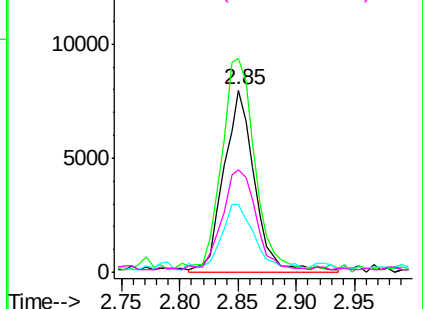


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.99 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX015199.D

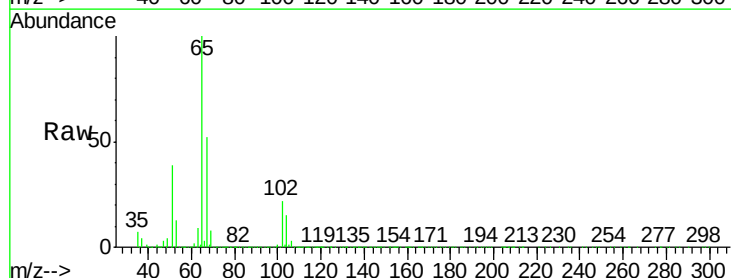
Acq: 11 Mar 2020 14:39

Tgt Ion: 65 Resp: 206825

Ion Ratio Lower Upper

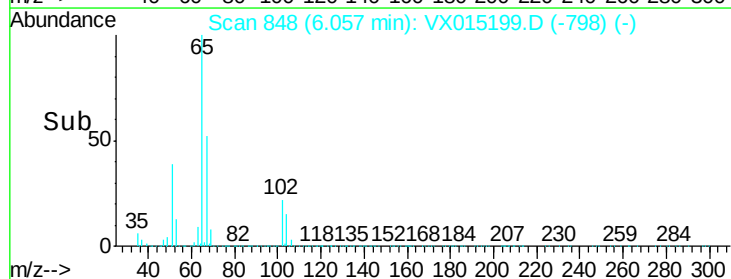
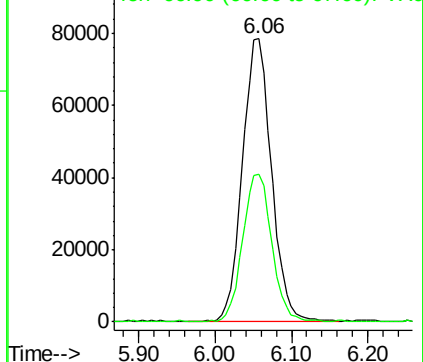
65 100

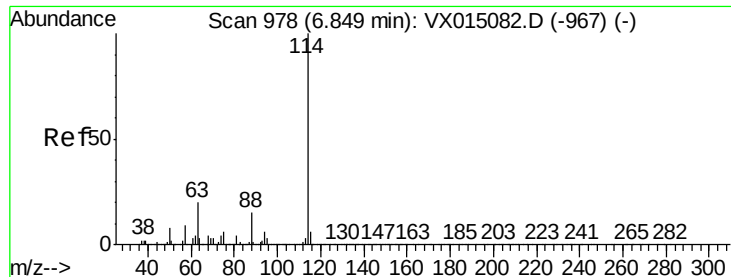
67 52.6 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

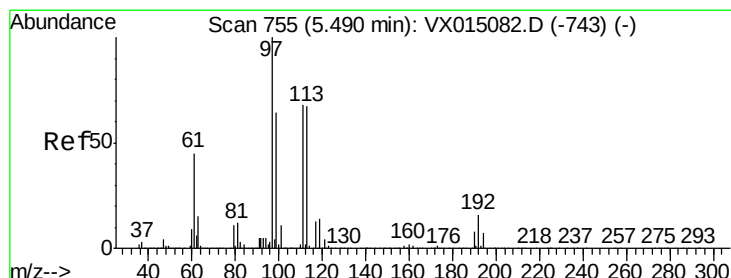
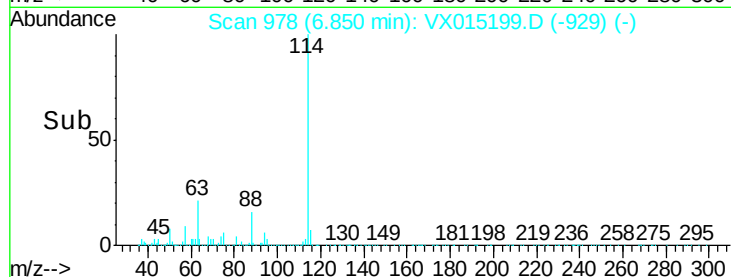
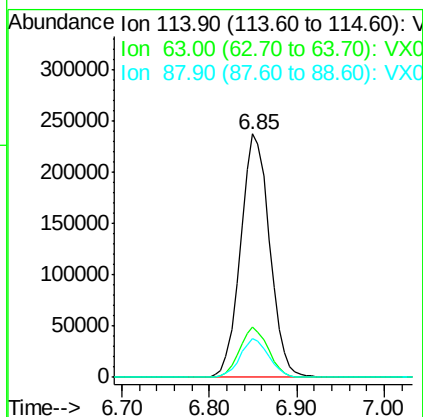
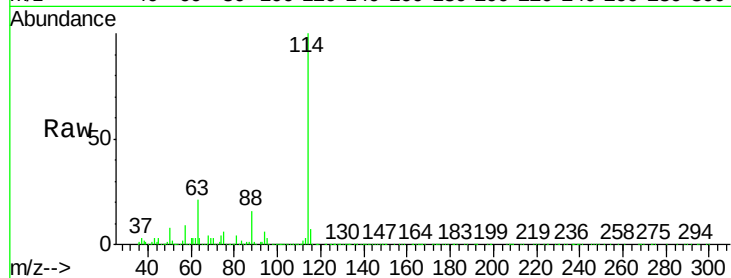




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015199.D
 Acq: 11 Mar 2020 14:39

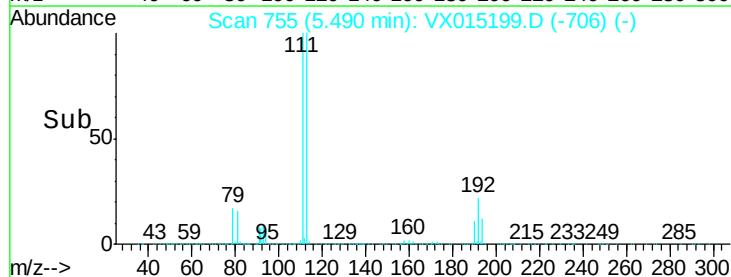
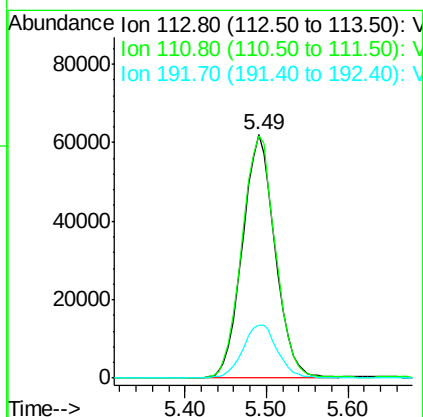
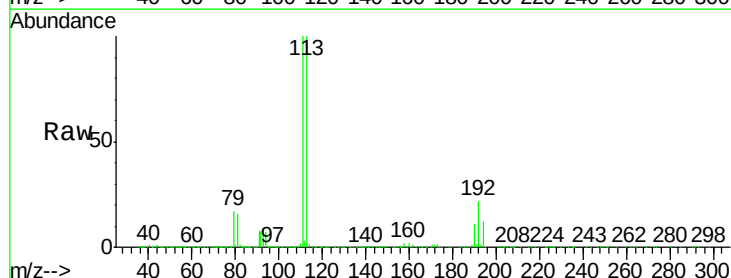
Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#08

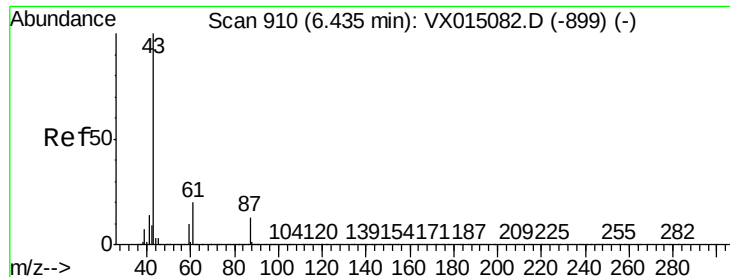
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	40.0
88	15.9	0.0	30.6



#35
 Dibromofluoromethane
 Concen: 49.63 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX015199.D
 Acq: 11 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.6	123.8
192	23.5	18.6	28.0





#43

Isopropyl Acetate

Concen: 10.01 ug/l

RT: 6.44 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX015199.D

Acq: 11 Mar 2020 14:39

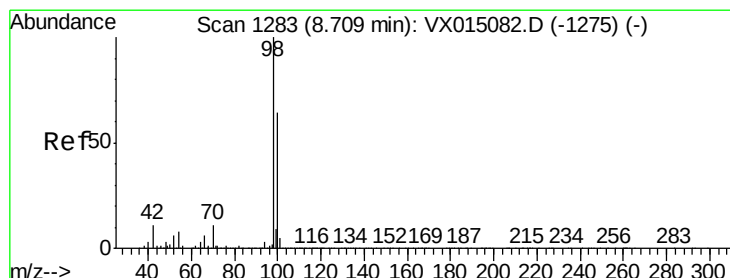
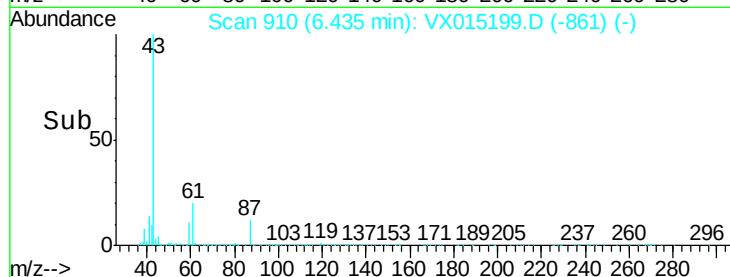
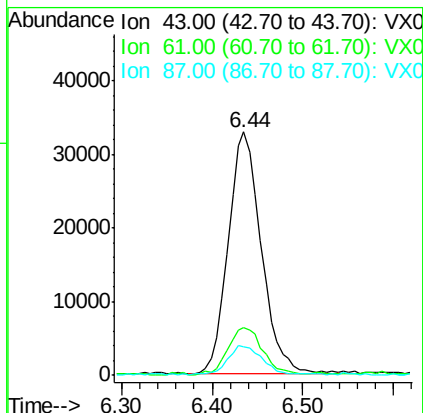
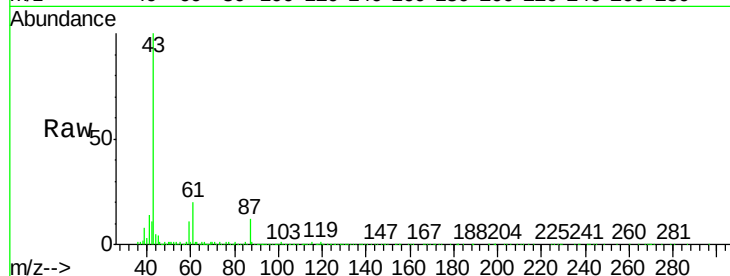
Instrument :

MSVOA_X

ClientSampleId :

PB127431ZHE#08

Tgt Ion:	43	Resp:	82899
Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.1	24.1
87	13.4	10.6	16.0



#50

Toluene-d8

Concen: 51.75 ug/l

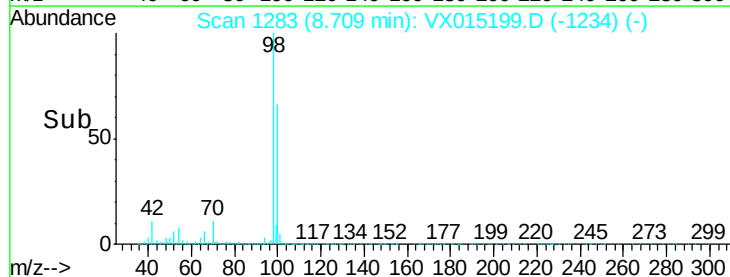
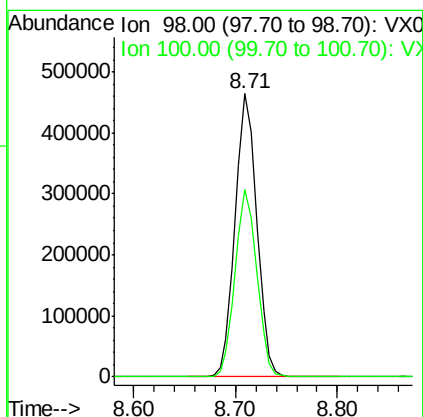
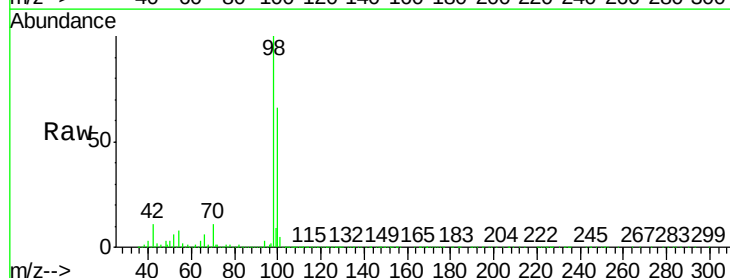
RT: 8.71 min Scan# 1283

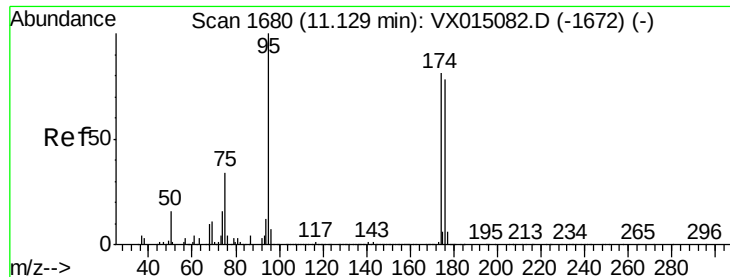
Delta R.T. 0.00 min

Lab File: VX015199.D

Acq: 11 Mar 2020 14:39

Tgt Ion:	98	Resp:	682035
Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6

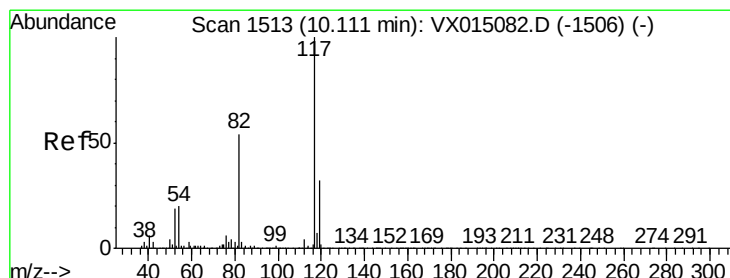
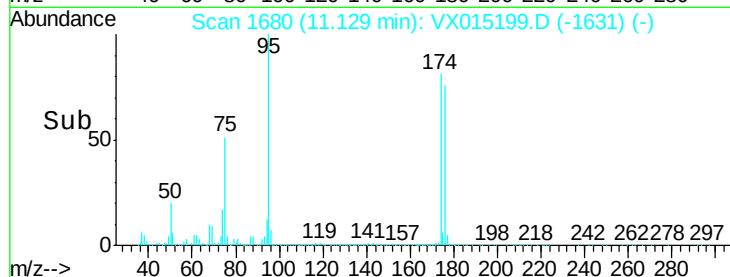
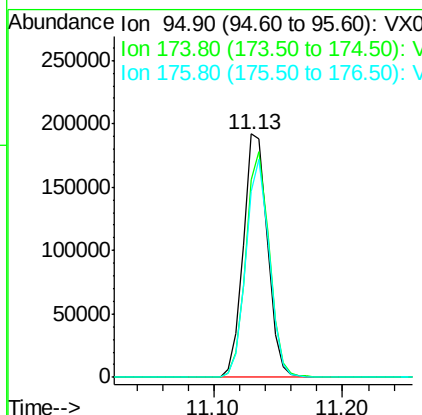
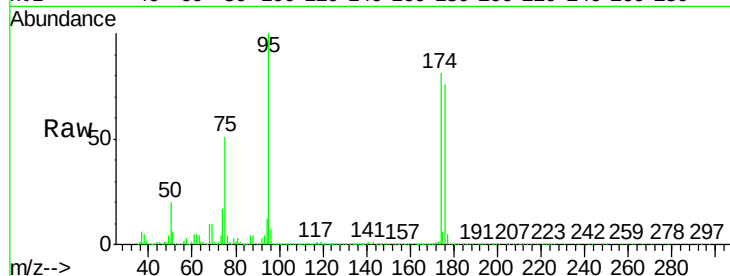




#62
4-Bromofluorobenzene
Concen: 52.82 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015199.D
Acq: 11 Mar 2020 14:39

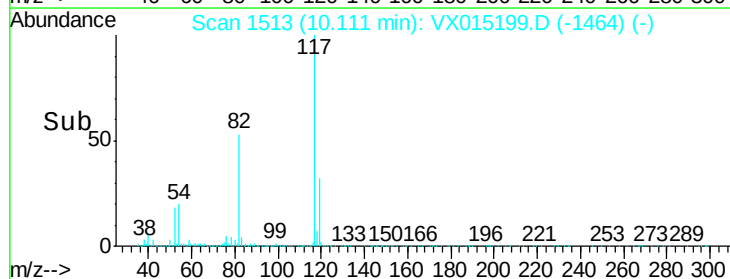
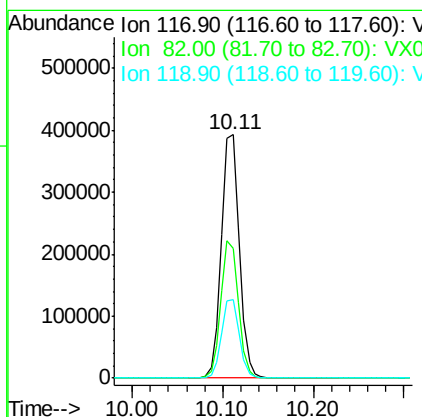
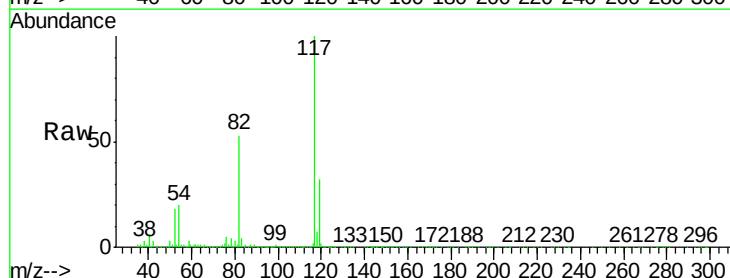
Instrument :
MSVOA_X
ClientSampleId :
PB127431ZHE#08

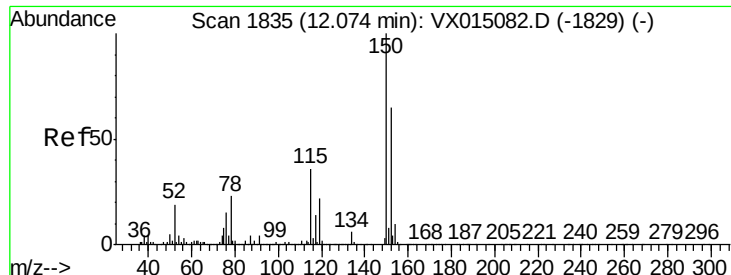
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.8	0.0	177.6
176	86.6	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015199.D
Acq: 11 Mar 2020 14:39

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	32.0	25.8	38.8

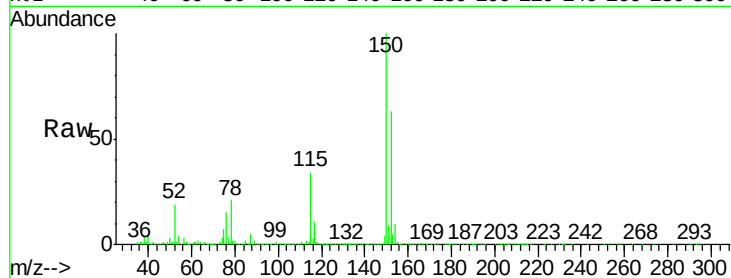




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX015199.D
 Acq: 11 Mar 2020 14:39

Instrument :
 MSVOA_X
 ClientSampleId :
 PB127431ZHE#08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	38.2	114.6
150	156.3	0.0	343.8



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

