

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX120420\
 Data File : VX019735.D
 Acq On : 04 Dec 2020 22:23
 Operator : JC/MD
 Sample : L4953-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-6148-120220

Quant Time: Dec 14 05:17:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	352458	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	574081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	514198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	227415	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	211720	45.70	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.40%	
35) Dibromofluoromethane		5.46	113	171957	46.35	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.70%	
50) Toluene-d8		8.70	98	686356	48.46	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.92%	
62) 4-Bromofluorobenzene		11.12	95	242657	45.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.02%	

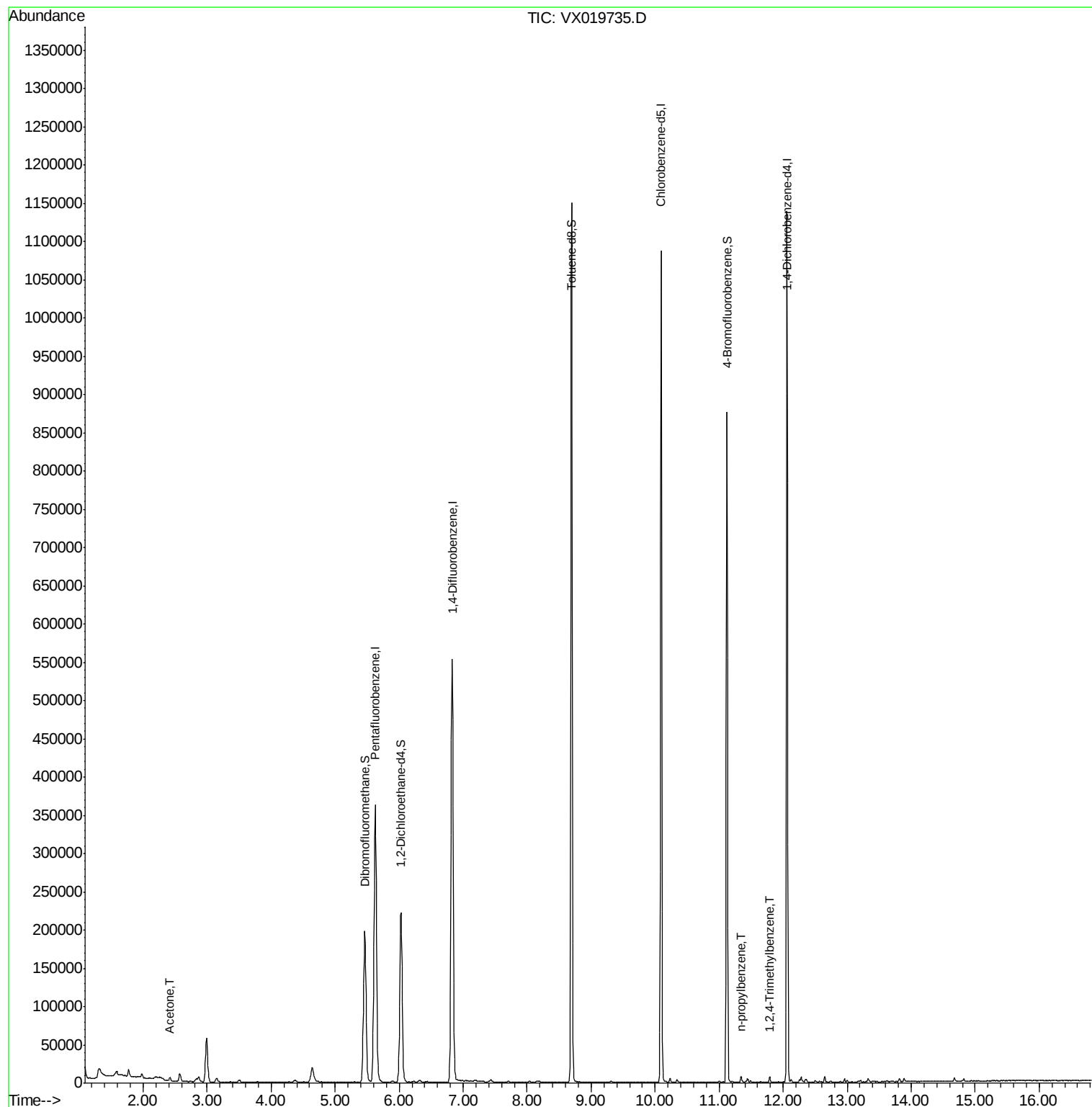
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	4442	2.551	ug/l	100
78) n-propylbenzene	11.34	91	3716	0.209	ug/l	93
84) 1,2,4-Trimethylbenzene	11.79	105	3258	0.247	ug/l	96

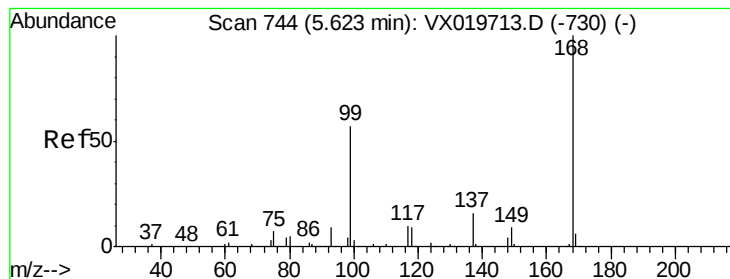
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019735.D

Acq: 04 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

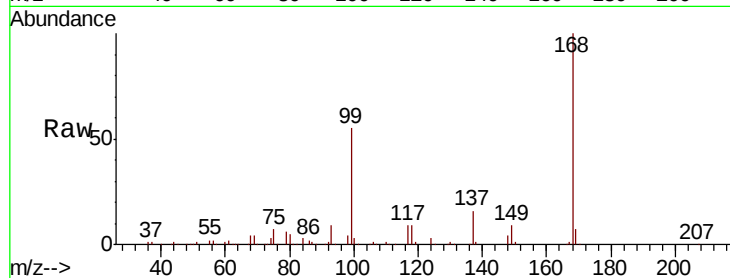
ID039-39-6148-120220

Tot Ion:168 Resp: 352458

Ion Ratio Lower Upper

168 100

99 55.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

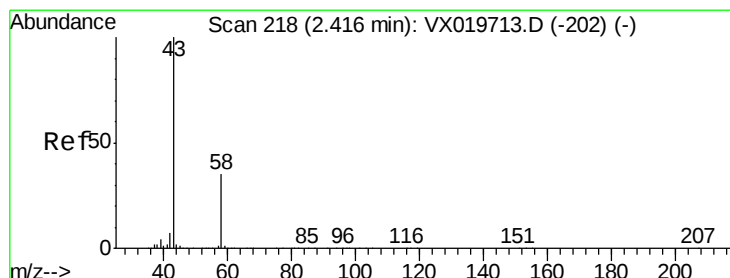
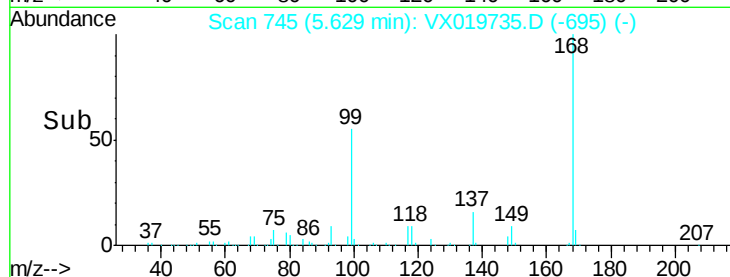
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 2.551 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019735.D

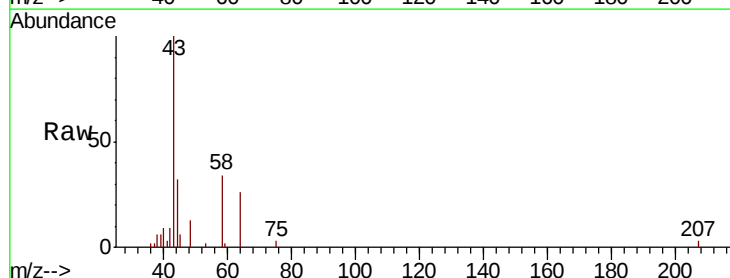
Acq: 04 Dec 2020 22:23

Tgt Ion: 43 Resp: 4442

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

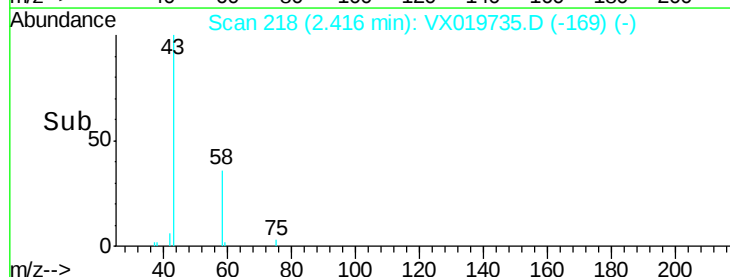
3000

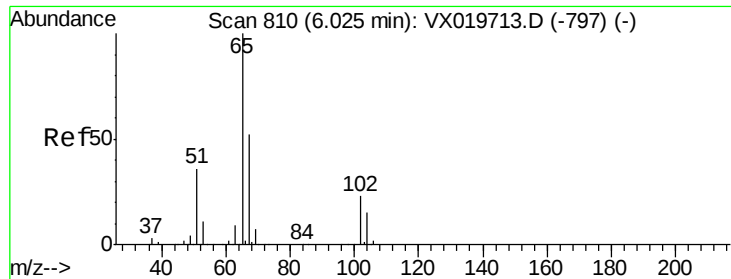
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 45.705 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019735.D

Acq: 04 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

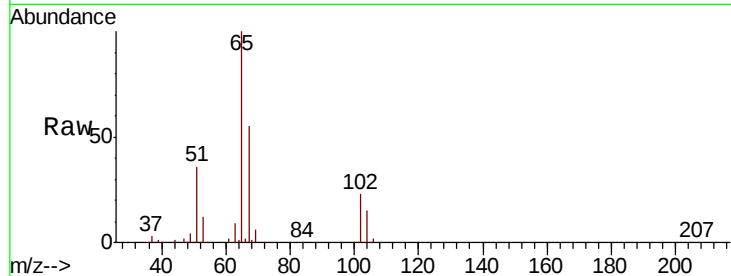
ID039-39-6148-120220

Tot Ion: 65 Resp: 211720

Ion Ratio Lower Upper

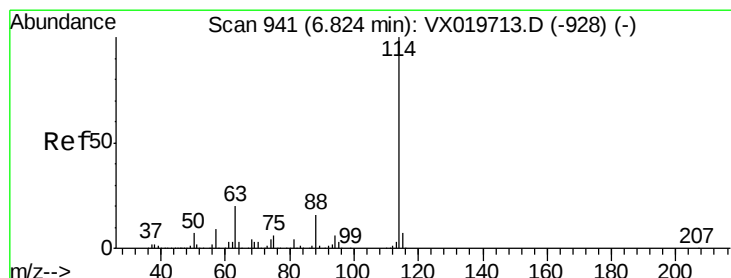
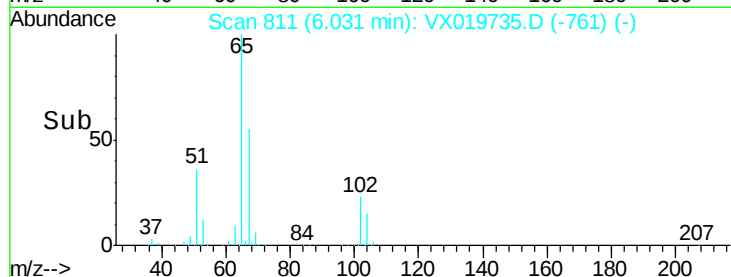
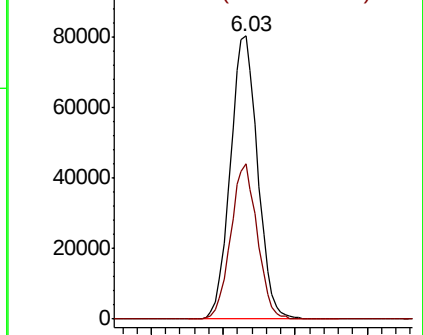
65 100

67 53.3 0.0 105.4



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. 0.01 min

Lab File: VX019735.D

Acq: 04 Dec 2020 22:23

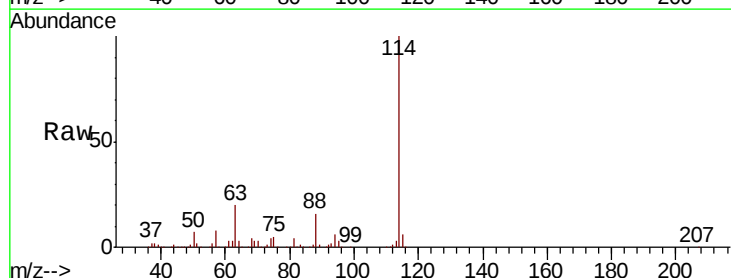
Tgt Ion: 114 Resp: 574081

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

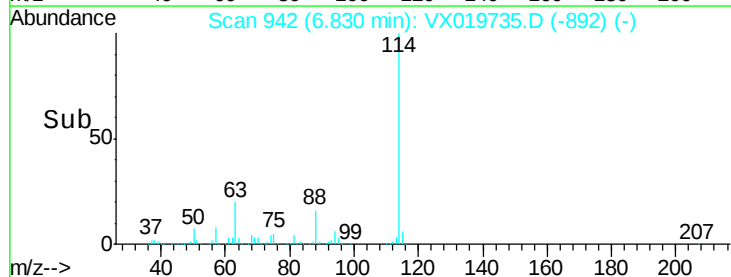
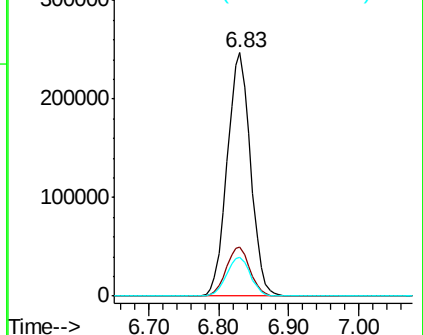
88 15.7 0.0 32.8

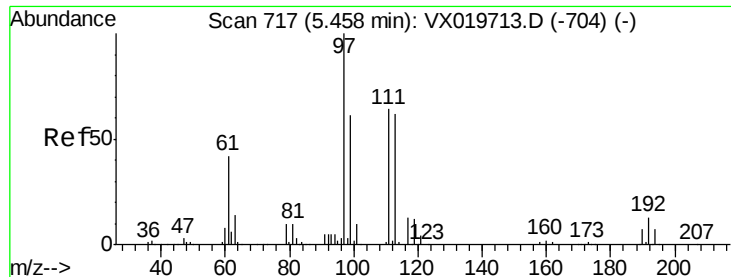


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

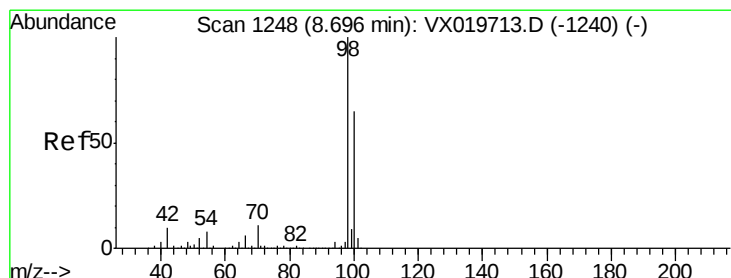
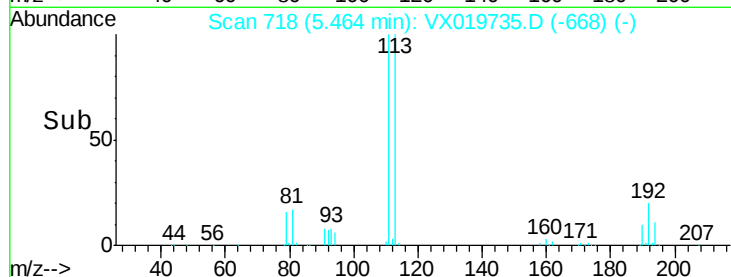
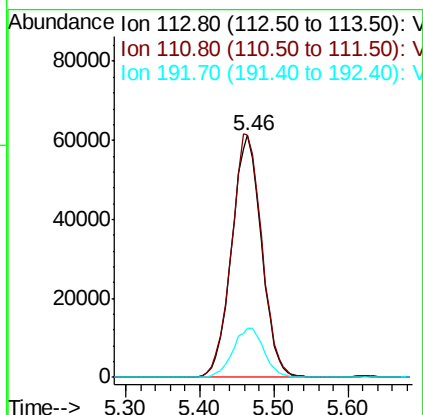
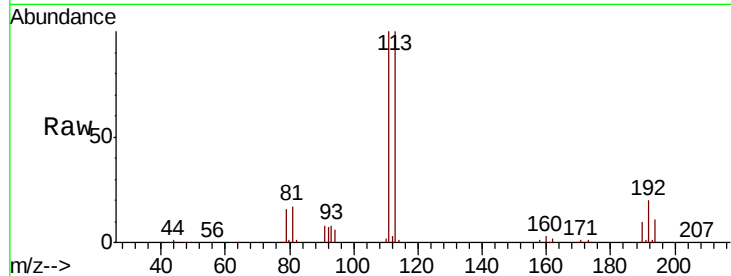




#35
 Dibromofluoromethane
 Concen: 46.347 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019735.D
 Acq: 04 Dec 2020 22:23

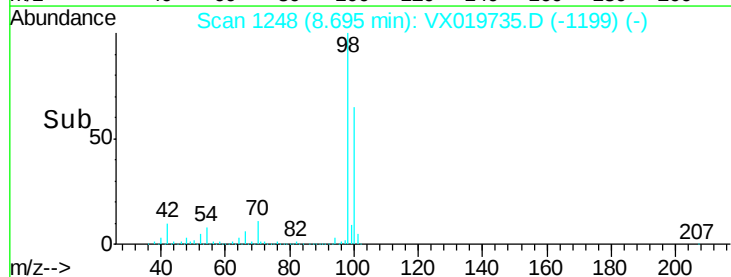
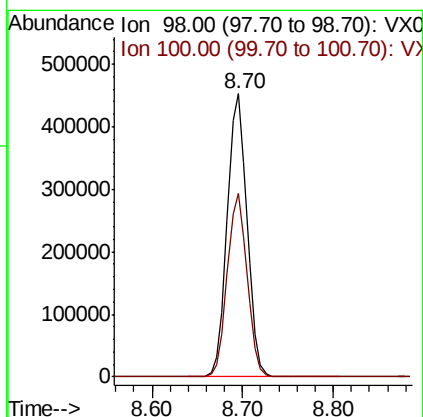
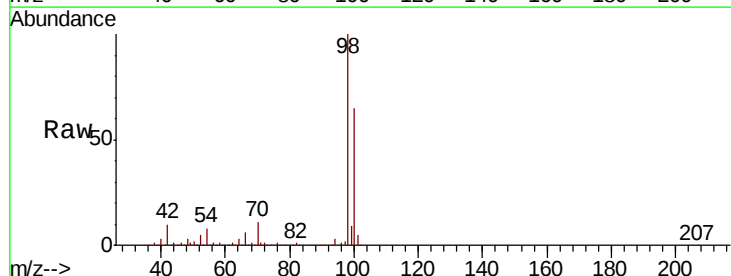
Instrument :
 MSVOA_X
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 ID039-39-6148-120220

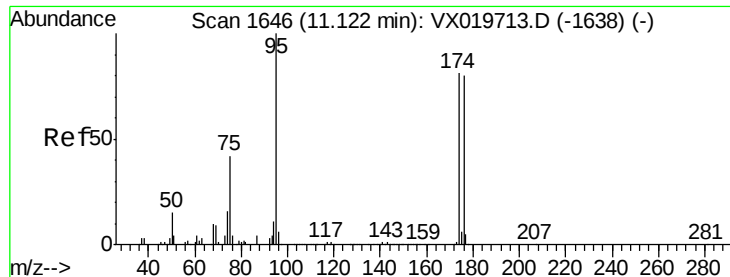
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	21.0	16.7	25.1



#50
 Toluene-d8
 Concen: 48.456 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019735.D
 Acq: 04 Dec 2020 22:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.8	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 45.010 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019735.D

Acq: 04 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-6148-120220

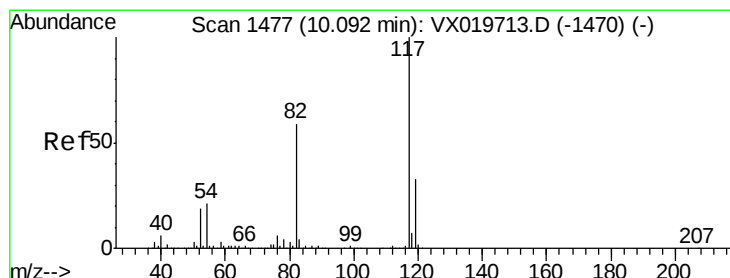
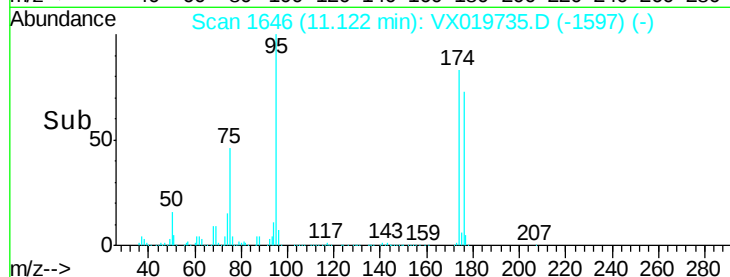
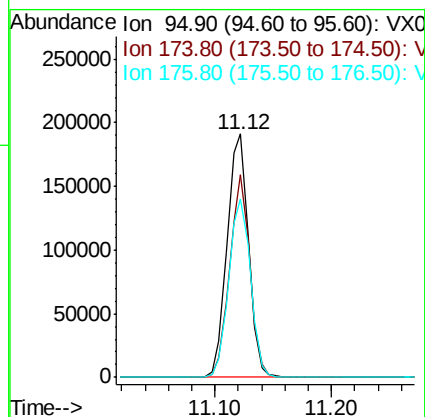
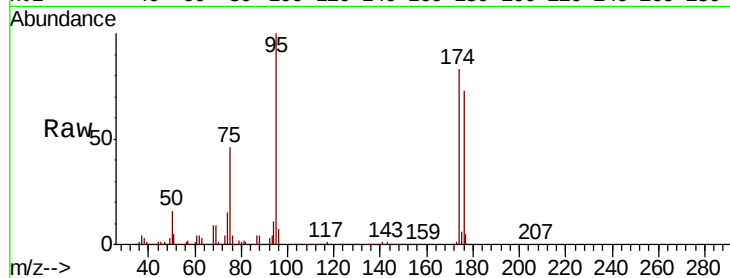
Tot Ion: 95 Resp: 242657

Ion Ratio Lower Upper

95 100

174 79.0 0.0 154.6

176 74.7 0.0 155.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019735.D

Acq: 04 Dec 2020 22:23

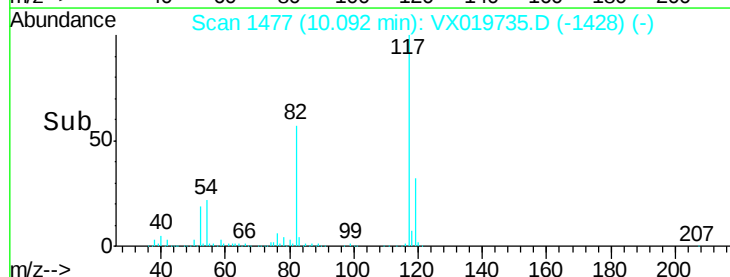
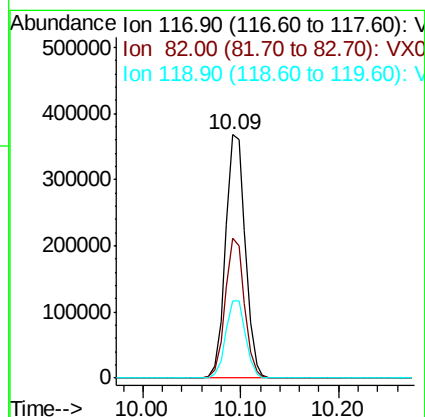
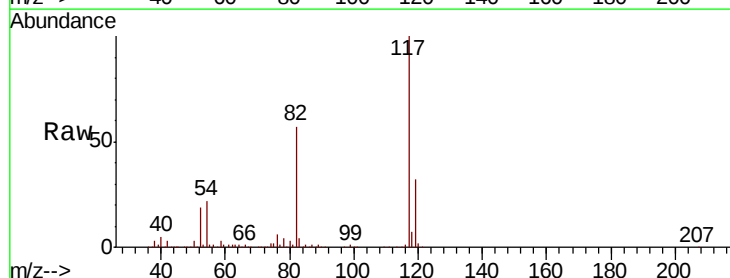
Tgt Ion: 117 Resp: 514198

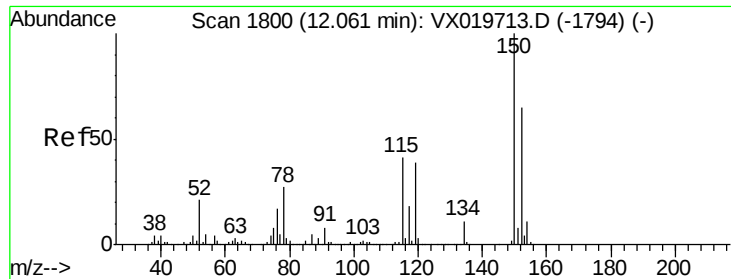
Ion Ratio Lower Upper

117 100

82 57.4 47.4 71.2

119 31.9 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019735.D

Acq: 04 Dec 2020 22:23

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-6148-120220

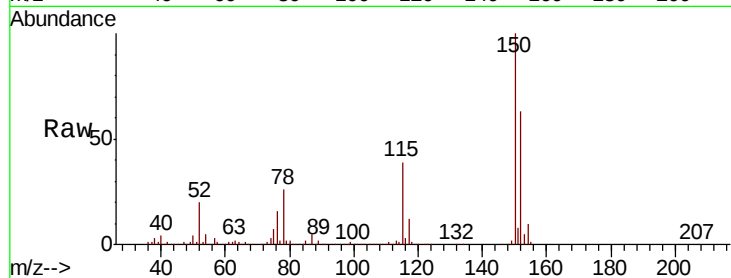
Tot Ion:152 Resp: 227415

Ion Ratio Lower Upper

152 100

115 60.7 41.1 123.3

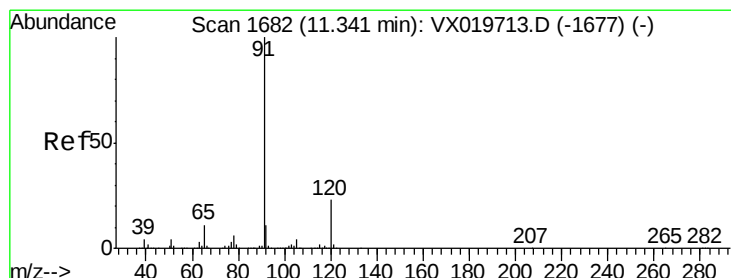
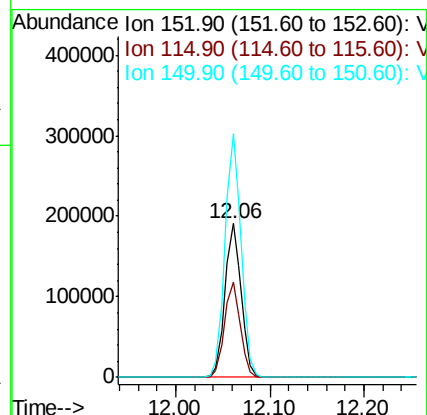
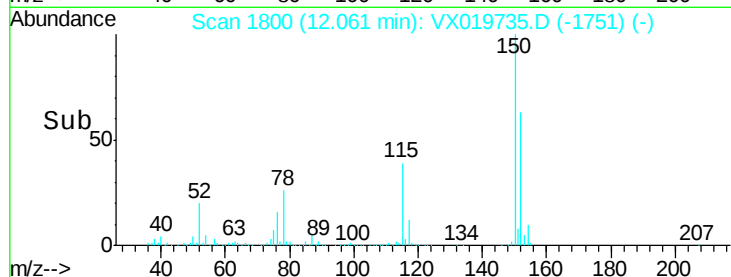
150 157.5 0.0 349.0



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



#78

n-propylbenzene

Concen: 0.209 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019735.D

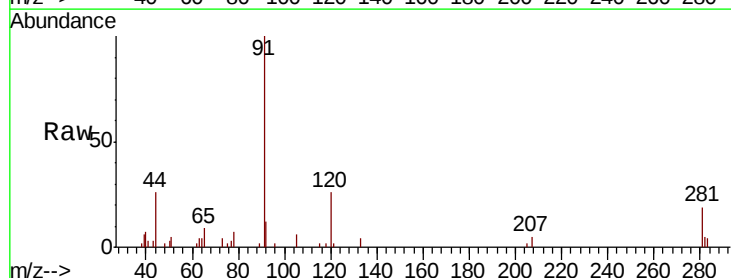
Acq: 04 Dec 2020 22:23

Tgt Ion: 91 Resp: 3716

Ion Ratio Lower Upper

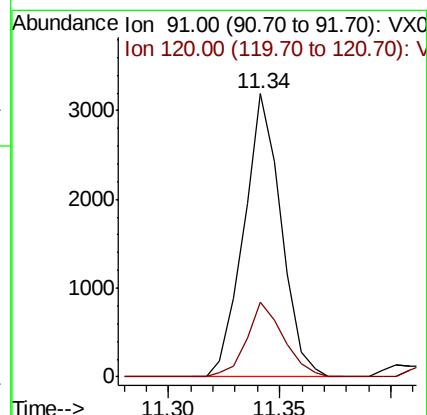
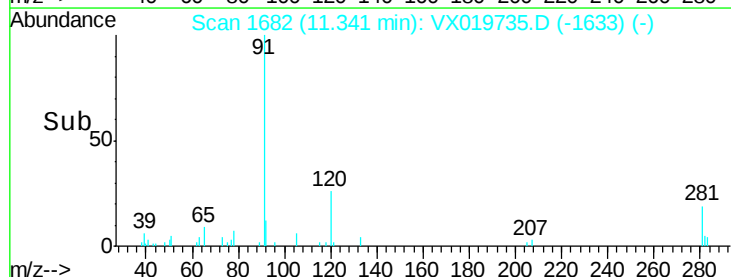
91 100

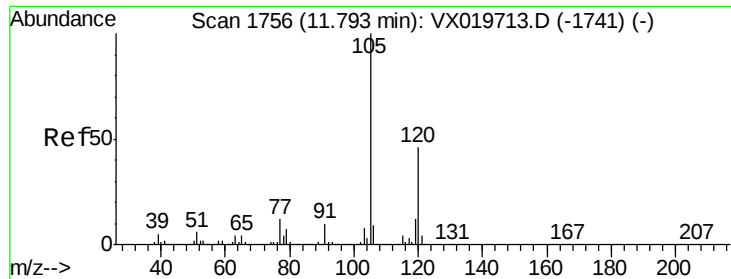
120 26.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#84
 1,2,4-Trimethylbenzene
 Concen: 0.247 ug/l
 RT: 11.79 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: VX019735.D
 Acq: 04 Dec 2020 22:23

Instrument :
 MSVOA_X
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 ID039-39-6148-120220

Tot Ion:105 Resp: 3258
 Ion Ratio Lower Upper
 105 100
 120 42.3 22.4 67.3

