

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019817.D
 Acq On : 10 Dec 2020 12:01
 Operator : JC/MD
 Sample : L4993-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5777-120820

Quant Time: Dec 11 12:38:20 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	332922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	545124	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	499948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220866	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	208987	47.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.52%	
35) Dibromofluoromethane		5.46	113	170562	48.41	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.82%	
50) Toluene-d8		8.70	98	663615	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%	
62) 4-Bromofluorobenzene		11.12	95	230692	45.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.12%	

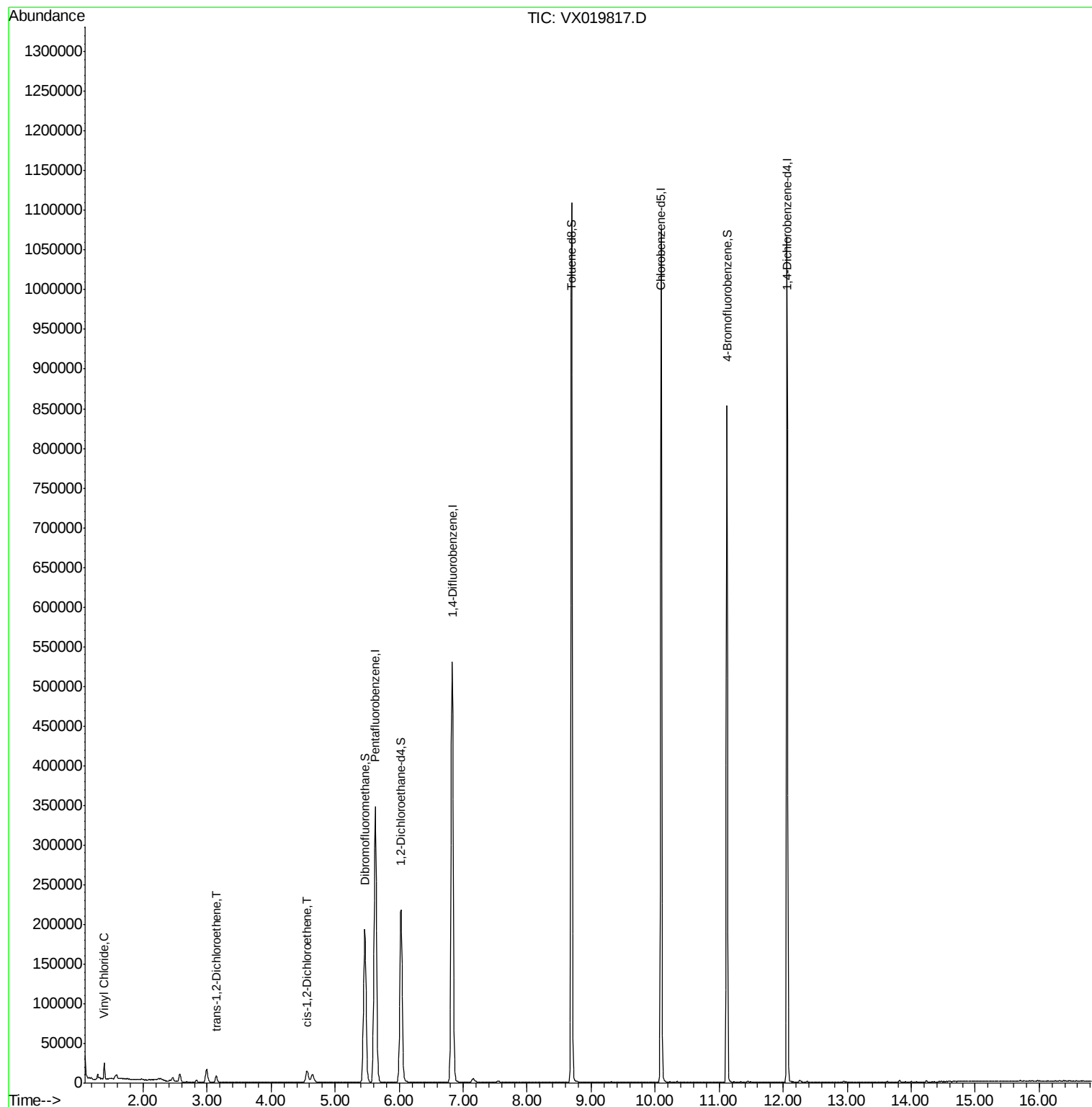
Target Compounds		R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride		1.39	62	11523	3.049	ug/l	100
21) trans-1,2-Dichloroethene		3.14	96	3265	0.918	ug/l	93
27) cis-1,2-Dichloroethene		4.56	96	9570	2.300	ug/l	88

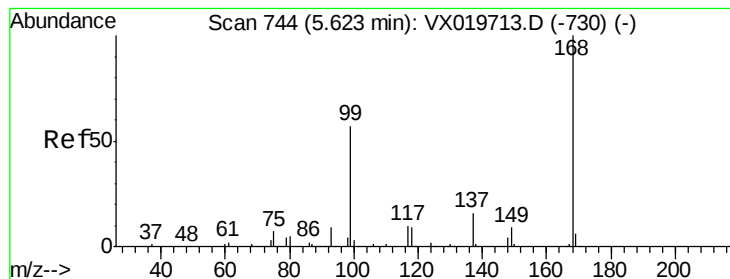
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019817.D

Acq: 10 Dec 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

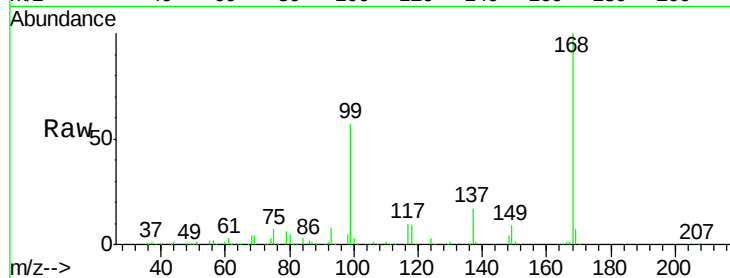
TU032-32-5777-120820

Tot Ion:168 Resp: 332922

Ion Ratio Lower Upper

168 100

99 56.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

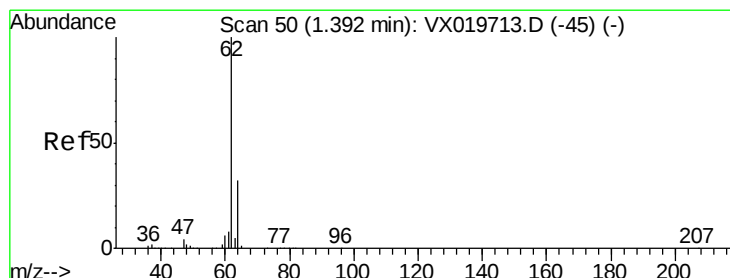
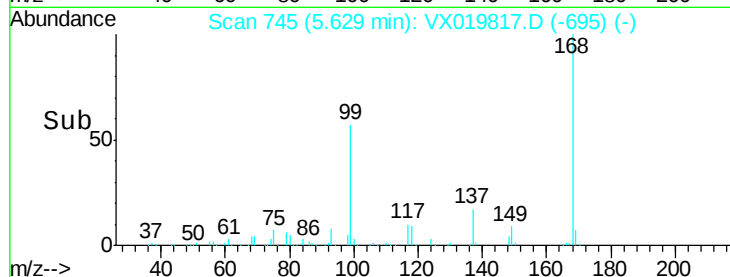
5.63

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 3.049 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019817.D

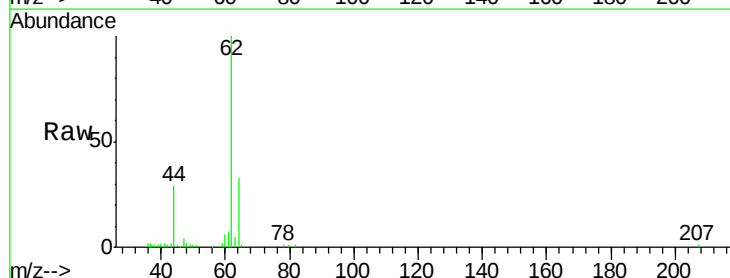
Acq: 10 Dec 2020 12:01

Tgt Ion: 62 Resp: 11523

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

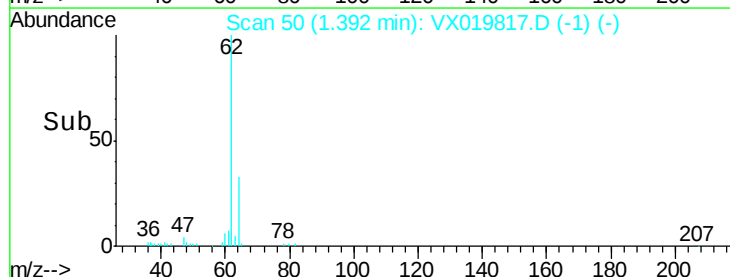
1.39

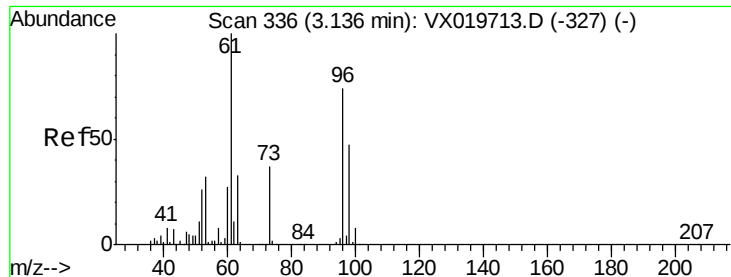
10000

5000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 0.918 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019817.D

Acq: 10 Dec 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

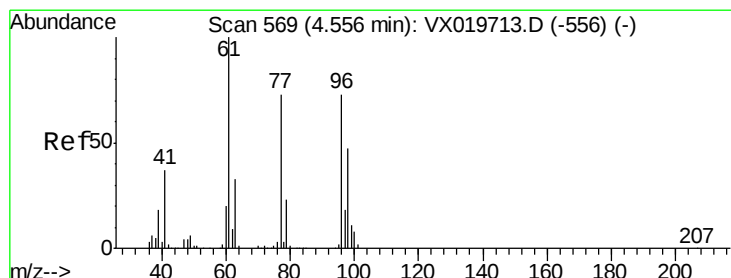
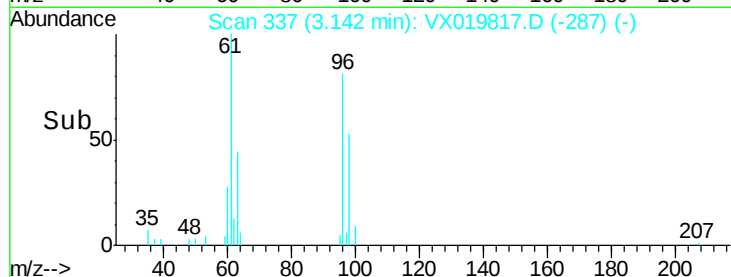
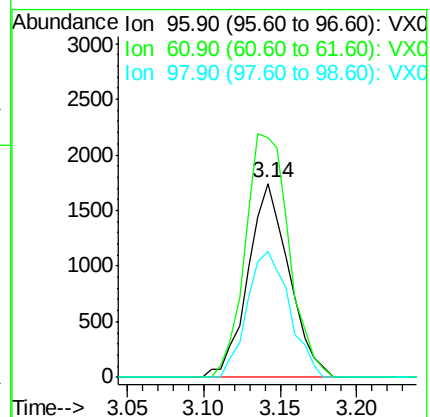
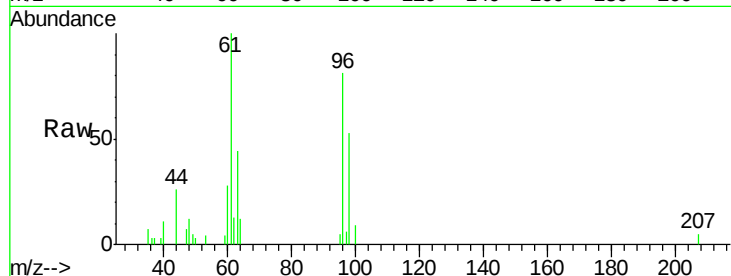
Tot Ion: 96 Resp: 3265

Ion Ratio Lower Upper

96 100

61 123.4 107.7 161.5

98 65.1 50.4 75.6



#27

cis-1,2-Dichloroethene

Concen: 2.300 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019817.D

Acq: 10 Dec 2020 12:01

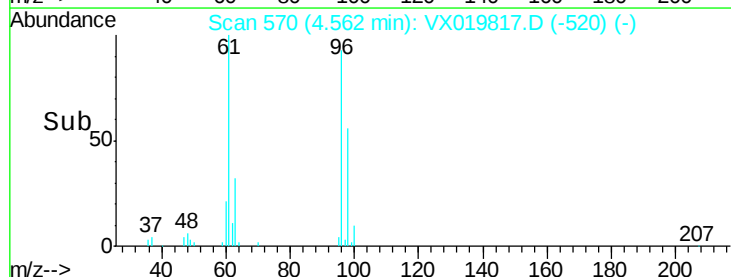
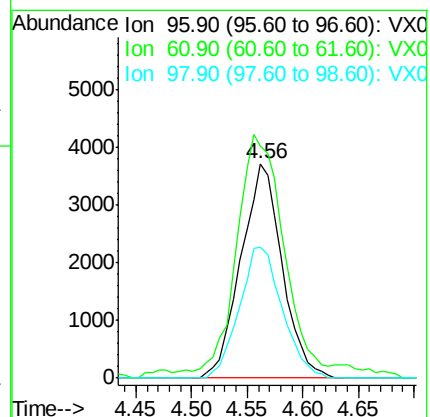
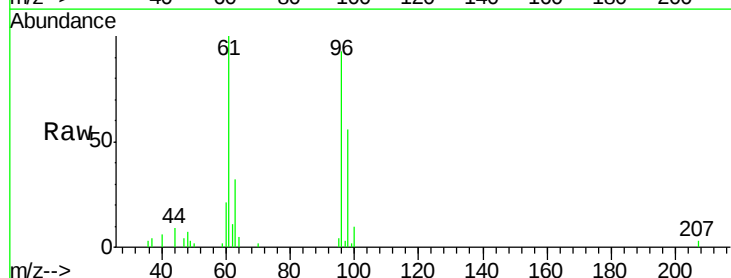
Tgt Ion: 96 Resp: 9570

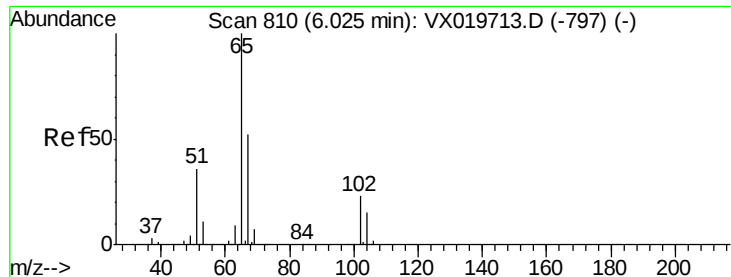
Ion Ratio Lower Upper

96 100

61 122.8 0.0 285.6

98 63.3 0.0 129.6

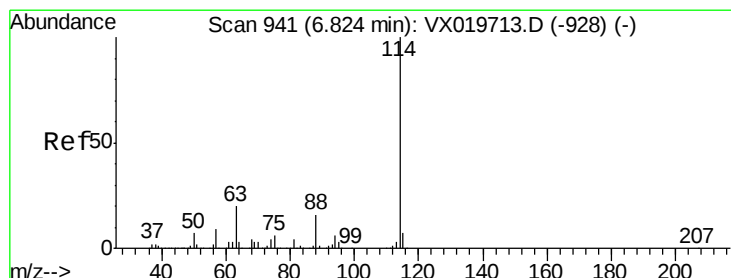
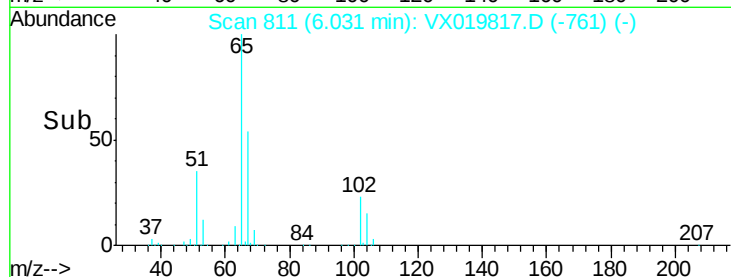
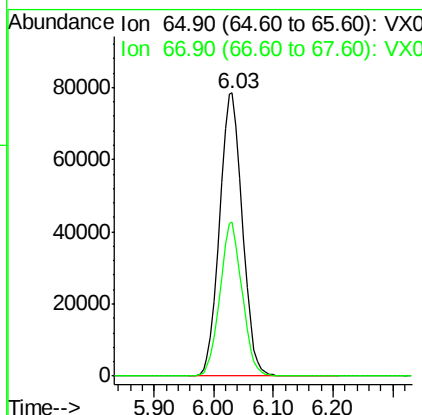
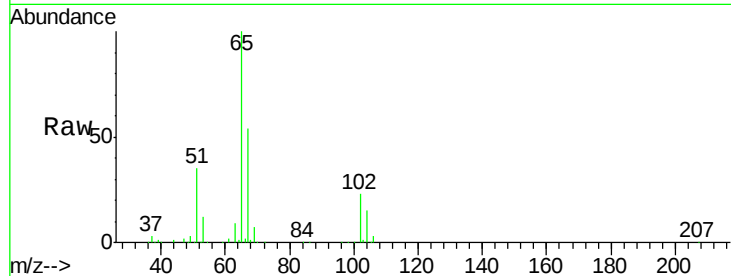




#33
 1,2-Dichloroethane-d4
 Concen: 47.762 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019817.D
 Acq: 10 Dec 2020 12:01

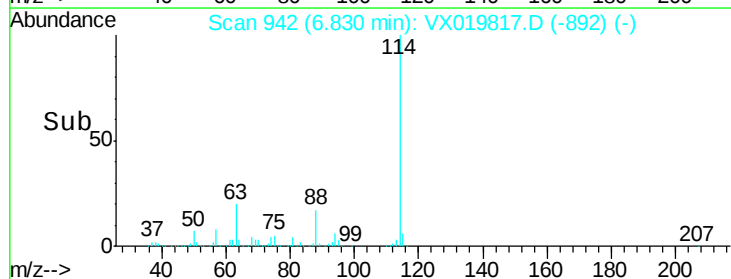
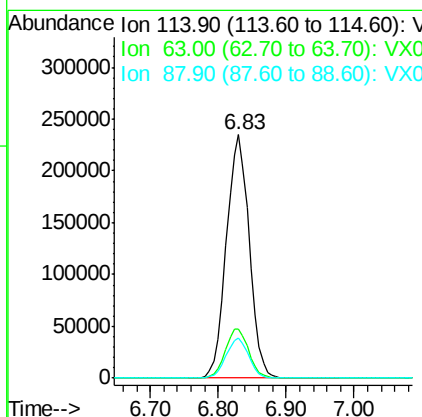
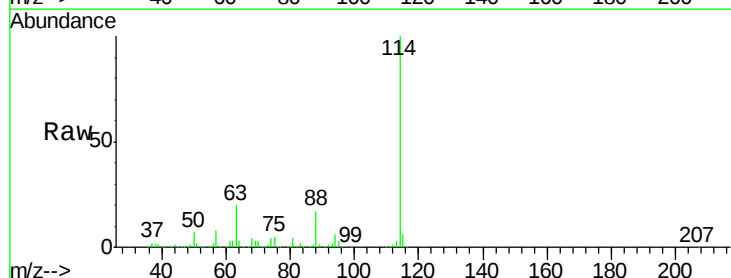
Instrument :
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 ClientSampleId :
 TU032-32-5777-120820

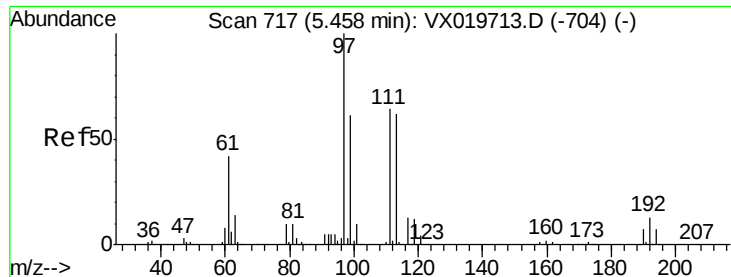
Tot Ion: 65 Resp: 208987
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019817.D
 Acq: 10 Dec 2020 12:01

Tgt Ion: 114 Resp: 545124
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.5 0.0 32.8

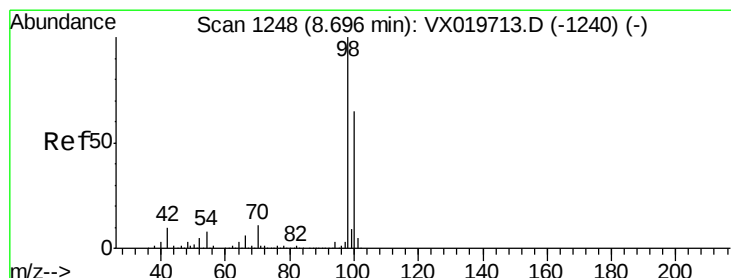
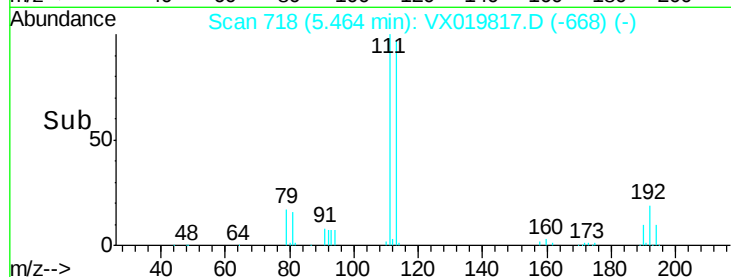
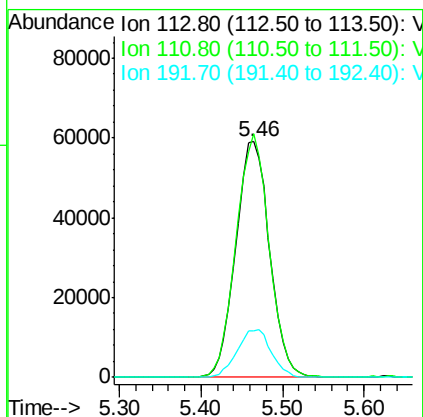
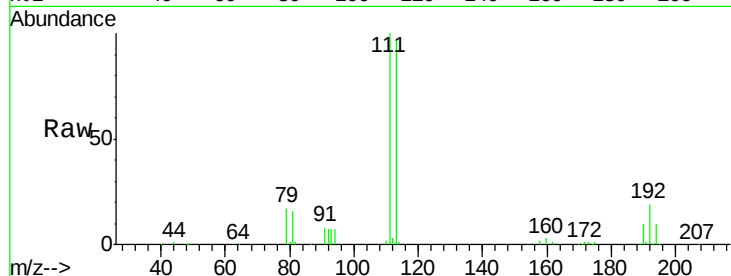




#35
 Dibromofluoromethane
 Concen: 48.413 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019817.D
 Acq: 10 Dec 2020 12:01

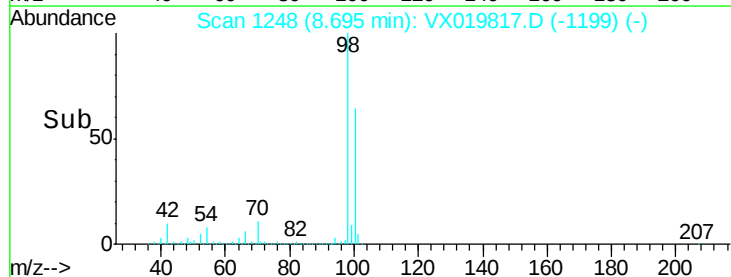
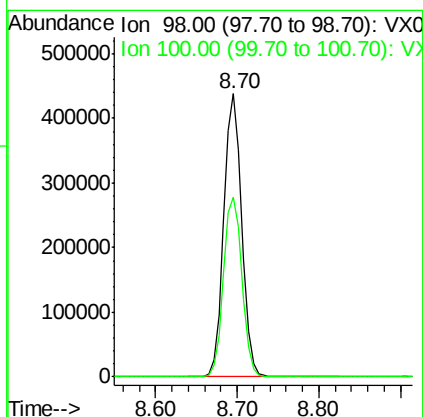
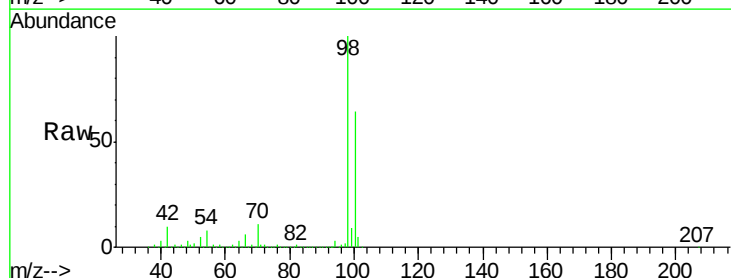
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5777-120820

Tot Ion:113 Resp: 170562
 Ion Ratio Lower Upper
 113 100
 111 100.7 81.9 122.9
 192 20.5 16.7 25.1



#50
 Toluene-d8
 Concen: 49.339 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019817.D
 Acq: 10 Dec 2020 12:01

Tgt Ion: 98 Resp: 663615
 Ion Ratio Lower Upper
 98 100
 100 65.5 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.063 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019817.D

Acq: 10 Dec 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

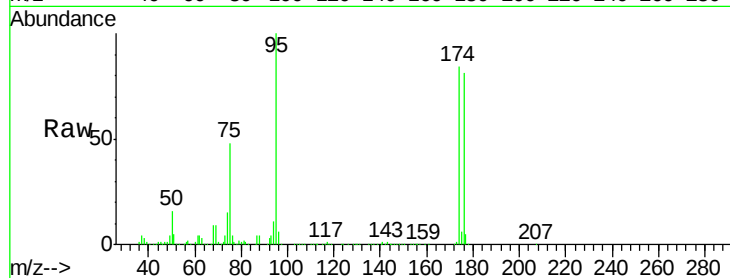
Tot Ion: 95 Resp: 230692

Ion Ratio Lower Upper

95 100

174 78.7 0.0 154.6

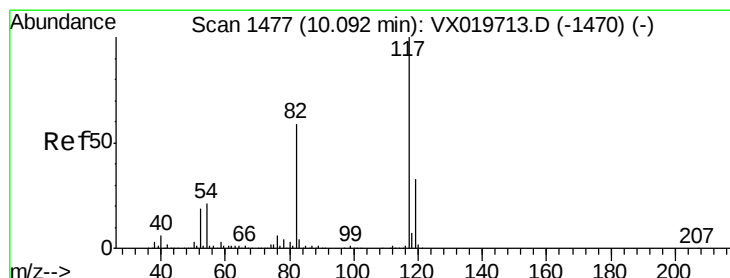
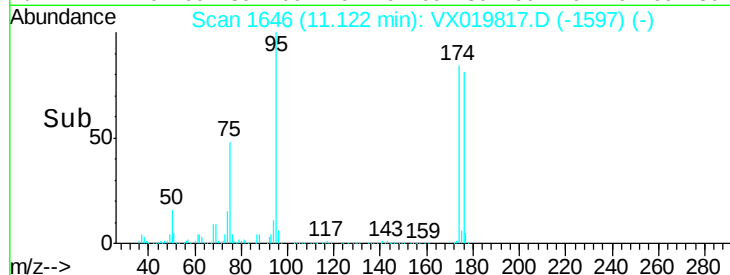
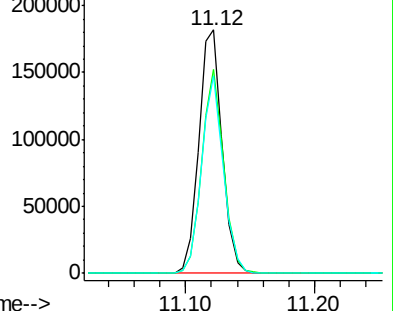
176 76.3 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019817.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019817.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019817.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019817.D

Acq: 10 Dec 2020 12:01

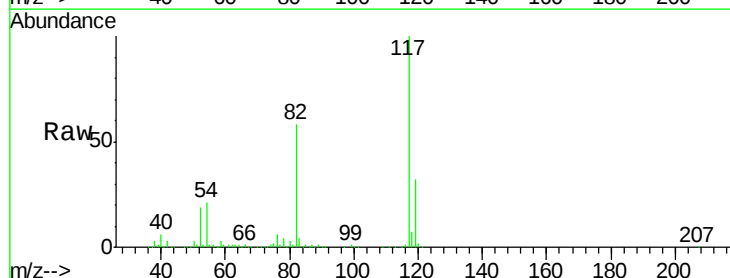
Tgt Ion: 117 Resp: 499948

Ion Ratio Lower Upper

117 100

82 57.7 47.4 71.2

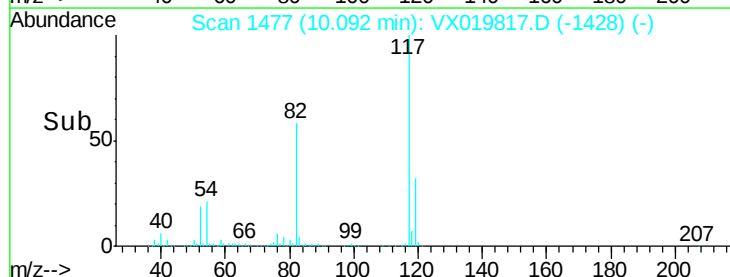
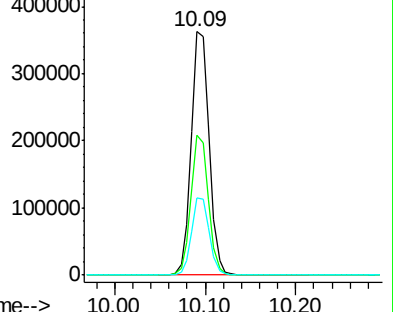
119 31.8 26.6 39.8

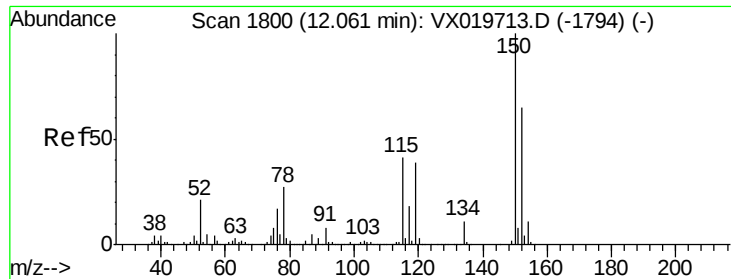


Abundance Ion 116.90 (116.60 to 117.60): VX019817.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019817.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019817.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019817.D

Acq: 10 Dec 2020 12:01

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

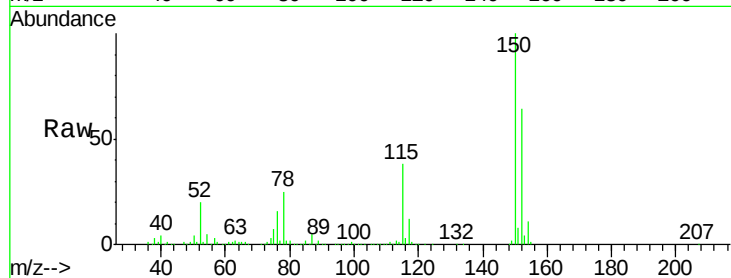
Tot Ion:152 Resp: 220866

Ion Ratio Lower Upper

152 100

115 60.0 41.1 123.3

150 157.3 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

