

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019806.D
 Acq On : 10 Dec 2020 03:25
 Operator : JC/MD
 Sample : L4993-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

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

Quant Time: Dec 10 10:40:59 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	311935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	521290	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	473822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205386	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197988	48.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.58%
35) Dibromofluoromethane	5.46	113	158199	46.96	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.92%
50) Toluene-d8	8.70	98	628656	48.88	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.76%
62) 4-Bromofluorobenzene	11.12	95	216396	44.20	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.40%

Target Compounds

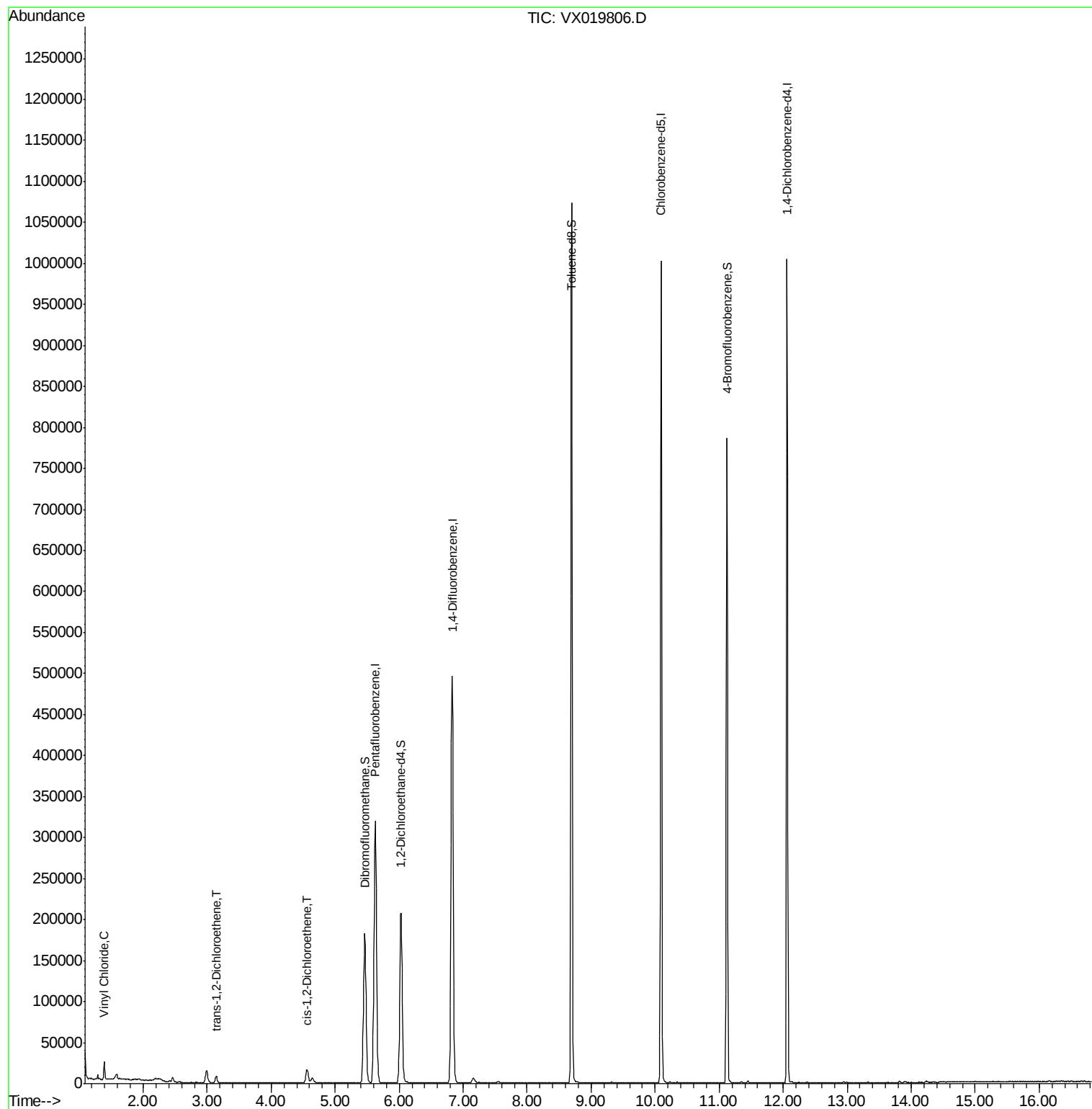
					Qvalue
4) Vinyl Chloride	1.39	62	12101	3.417	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	3487	1.047	ug/l 91
27) cis-1,2-Dichloroethene	4.56	96	10881	2.790	ug/l 89

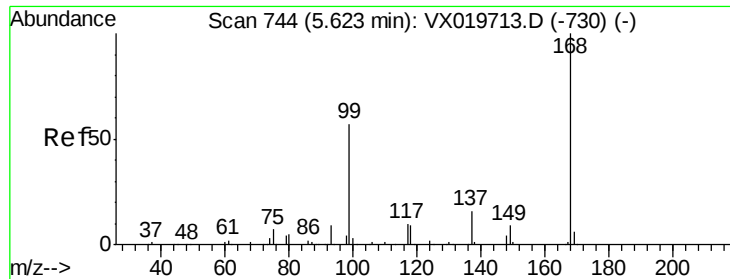
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX019806.D

Acq: 10 Dec 2020 03:25

Instrument :

MSVOA_X

ClientSampleId :

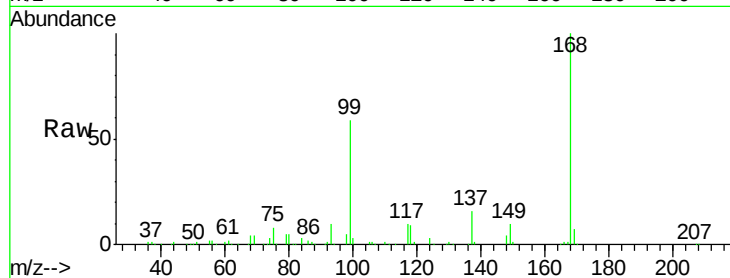
TU032-32-5777-120820

Tot Ion:168 Resp: 311935

Ion Ratio Lower Upper

168 100

99 59.2 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

120000

100000

80000

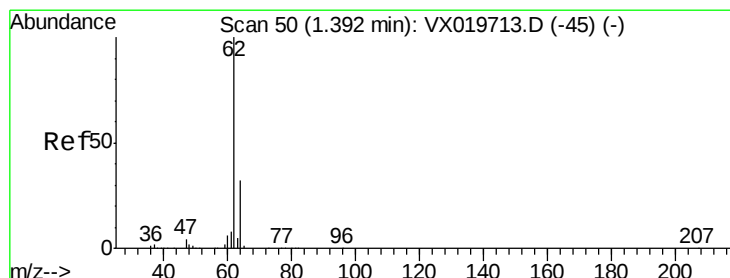
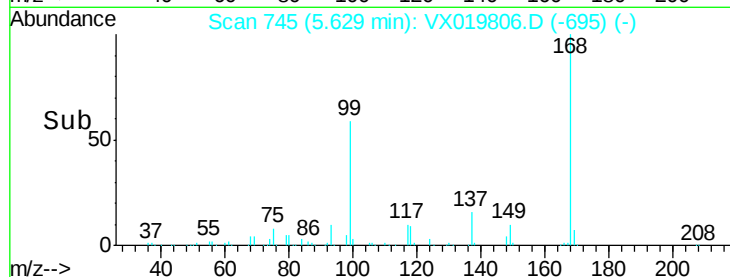
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 3.417 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019806.D

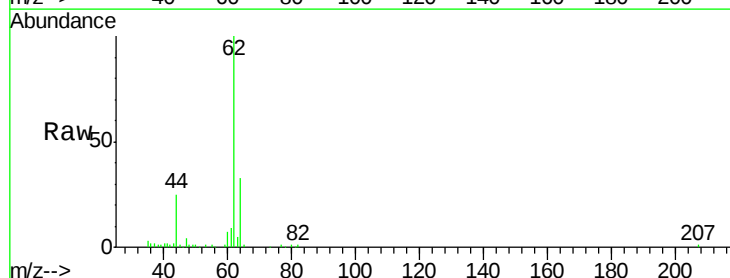
Acq: 10 Dec 2020 03:25

Tgt Ion: 62 Resp: 12101

Ion Ratio Lower Upper

62 100

64 32.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

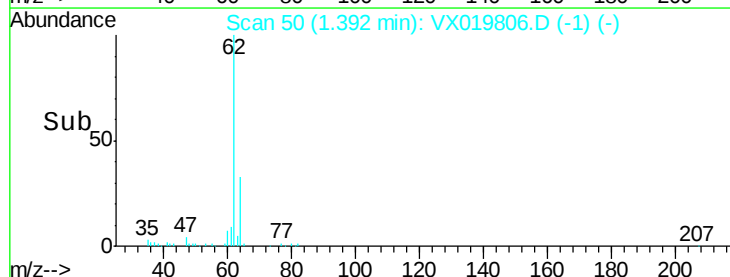
15000

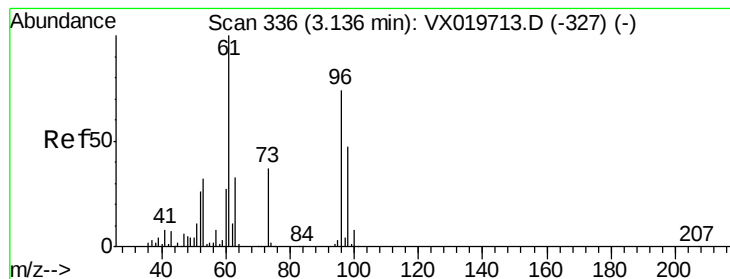
10000

5000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 1.047 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019806.D

Acq: 10 Dec 2020 03:25

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

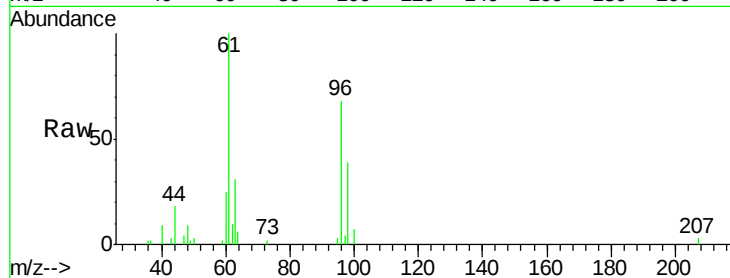
Tot Ion: 96 Resp: 3487

Ion Ratio Lower Upper

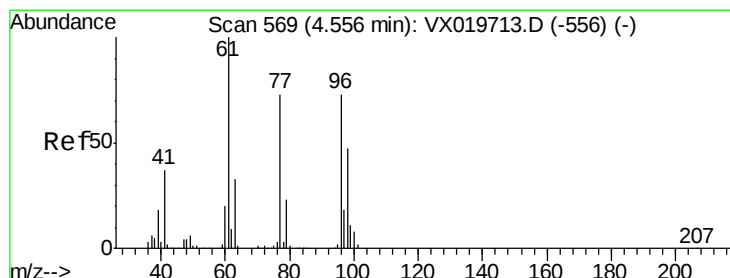
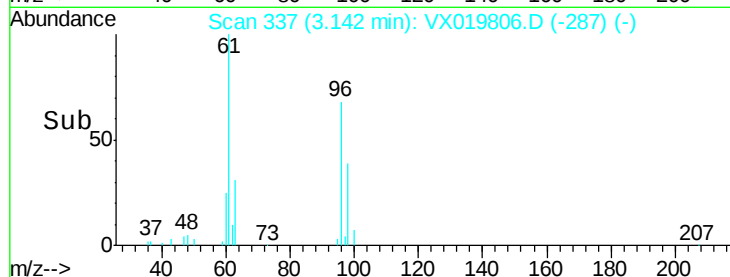
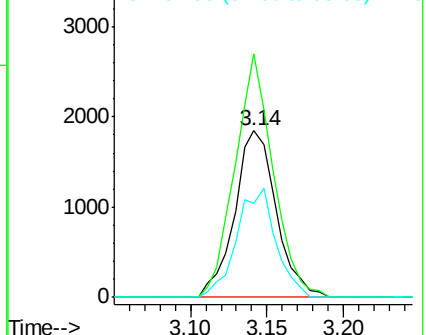
96 100

61 146.4 107.7 161.5

98 56.4 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.790 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019806.D

Acq: 10 Dec 2020 03:25

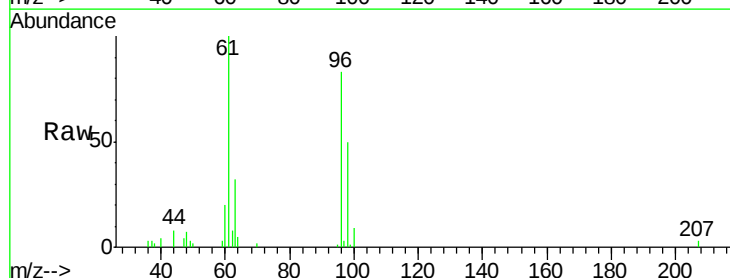
Tgt Ion: 96 Resp: 10881

Ion Ratio Lower Upper

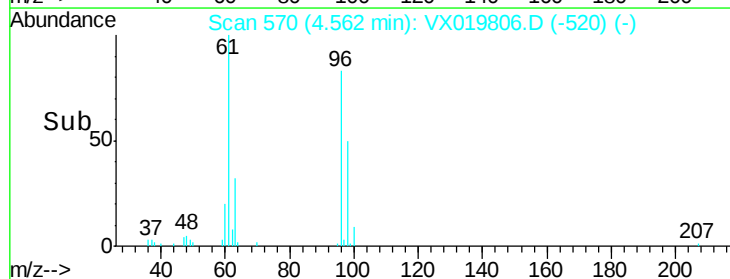
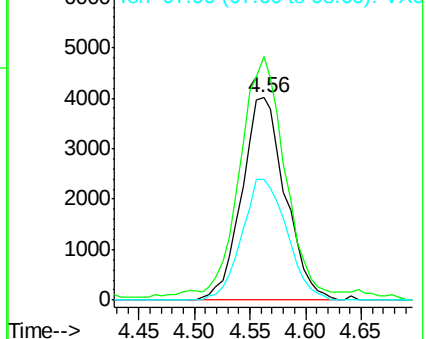
96 100

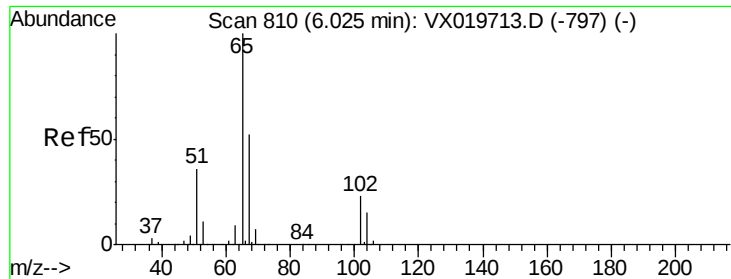
61 125.5 0.0 285.6

98 61.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

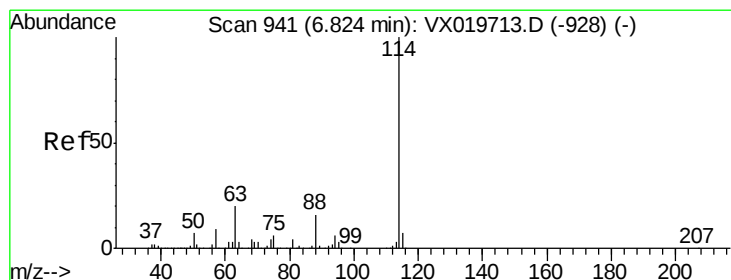
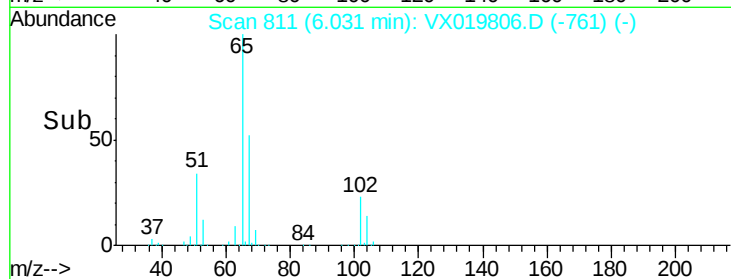
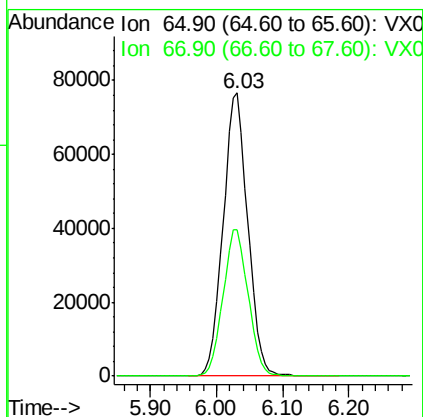
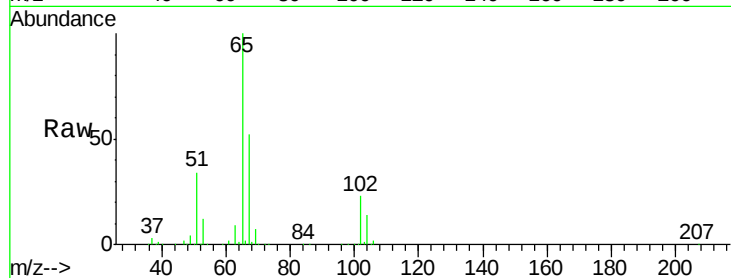




#33
 1,2-Dichloroethane-d4
 Concen: 48.293 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019806.D
 Acq: 10 Dec 2020 03:25

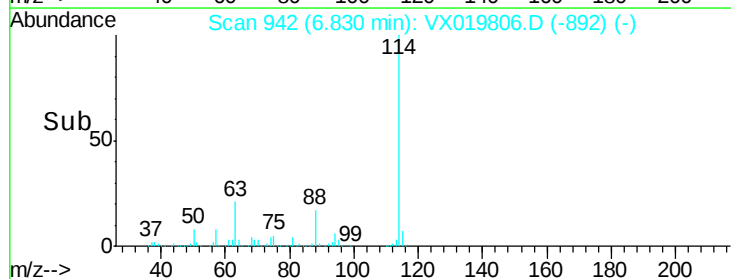
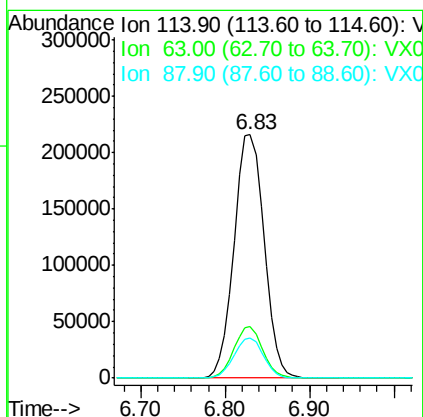
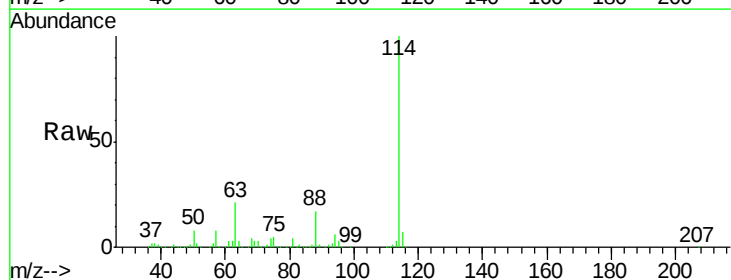
Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5777-120820

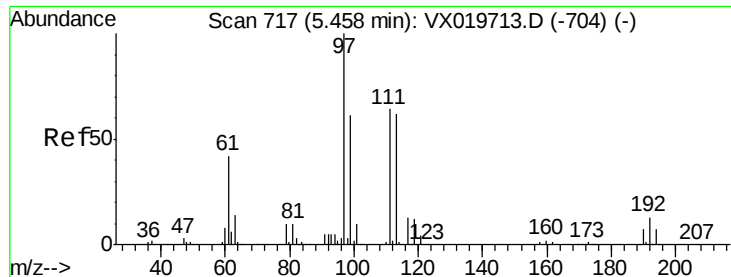
Tot Ion: 65 Resp: 197988
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019806.D
 Acq: 10 Dec 2020 03:25

Tgt Ion: 114 Resp: 521290
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.957 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019806.D

Acq: 10 Dec 2020 03:25

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

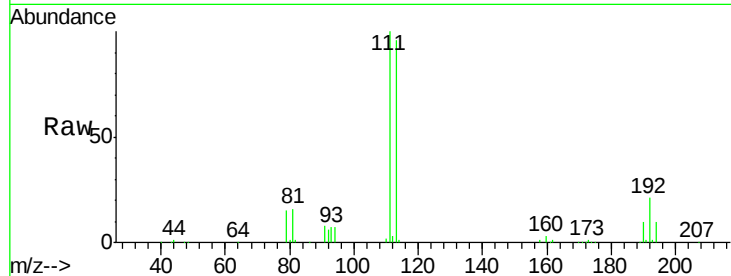
Tot Ion:113 Resp: 158199

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

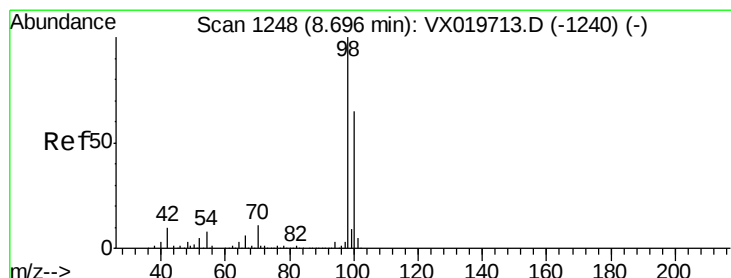
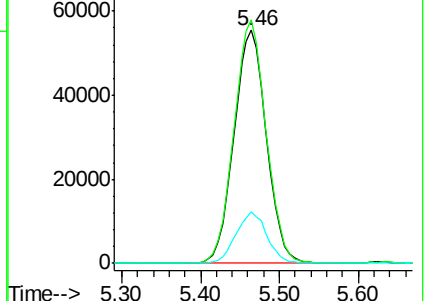
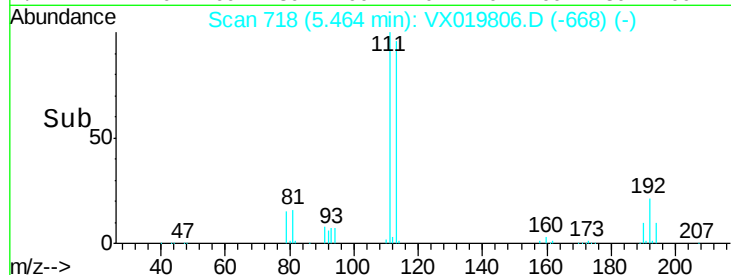
192 21.2 16.7 25.1



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



#50

Toluene-d8

Concen: 48.877 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019806.D

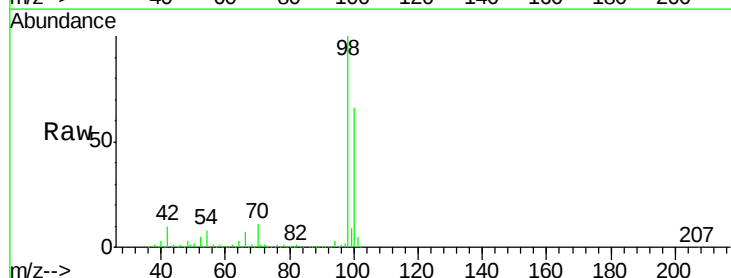
Acq: 10 Dec 2020 03:25

Tgt Ion: 98 Resp: 628656

Ion Ratio Lower Upper

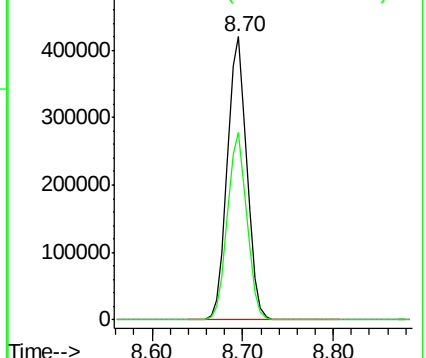
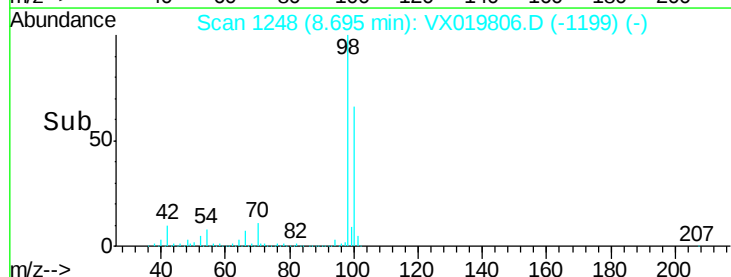
98 100

100 65.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 44.203 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019806.D

Acq: 10 Dec 2020 03:25

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

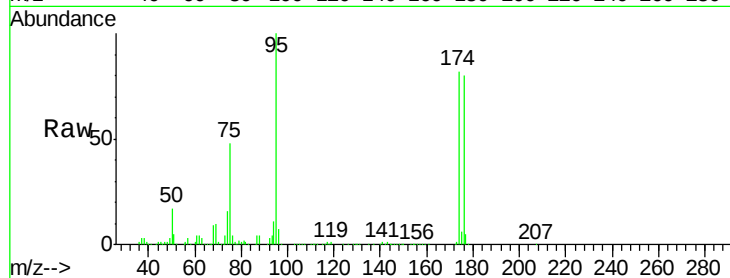
Tot Ion: 95 Resp: 216396

Ion Ratio Lower Upper

95 100

174 79.3 0.0 154.6

176 77.9 0.0 155.8

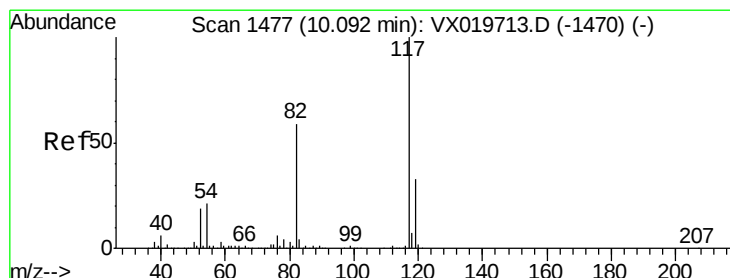
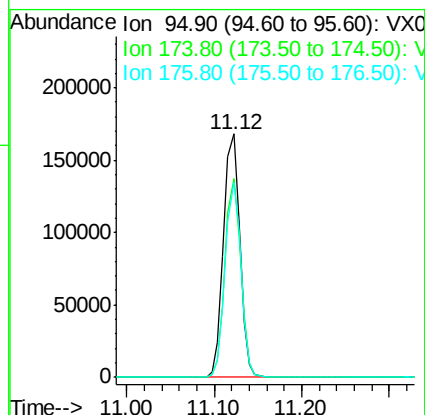
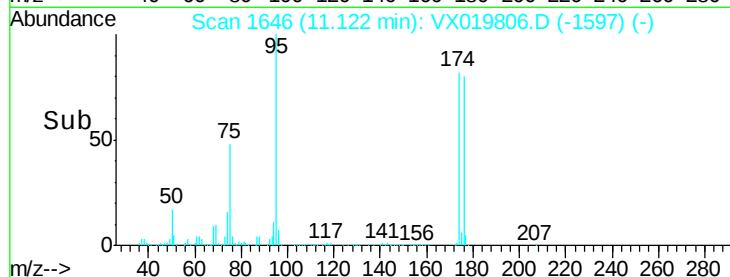


Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019806.D

Acq: 10 Dec 2020 03:25

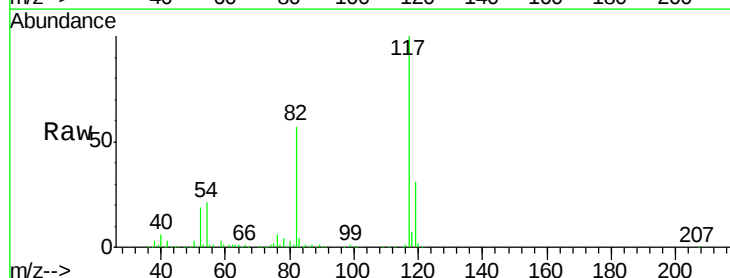
Tgt Ion: 117 Resp: 473822

Ion Ratio Lower Upper

117 100

82 57.3 47.4 71.2

119 31.3 26.6 39.8

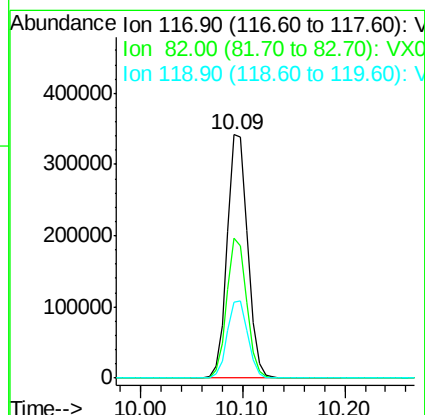
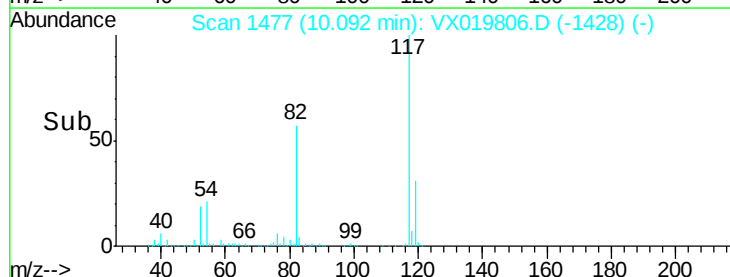


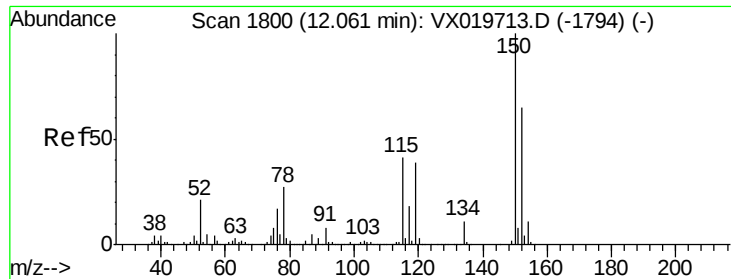
Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019806.D

Acq: 10 Dec 2020 03:25

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5777-120820

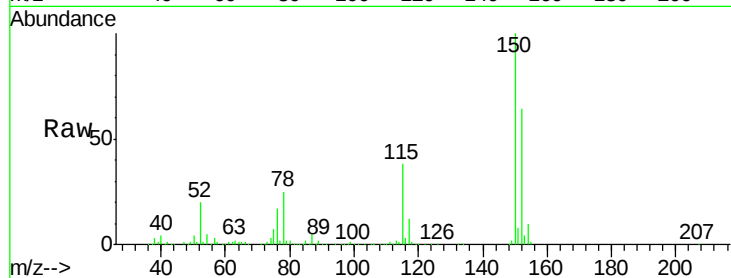
Tot Ion:152 Resp: 205386

Ion Ratio Lower Upper

152 100

115 59.4 41.1 123.3

150 156.0 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

