

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019804.D
 Acq On : 10 Dec 2020 02:38
 Operator : JC/MD
 Sample : L4993-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TU032-32-5226-120820

Quant Time: Dec 16 03:59:16 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	313551	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517497	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	477771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206092	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197842	48.01	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.02%
35) Dibromofluoromethane	5.46	113	158705	47.45	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.90%
50) Toluene-d8	8.70	98	619874	48.55	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.10%
62) 4-Bromofluorobenzene	11.12	95	223226	45.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.86%

Target Compounds

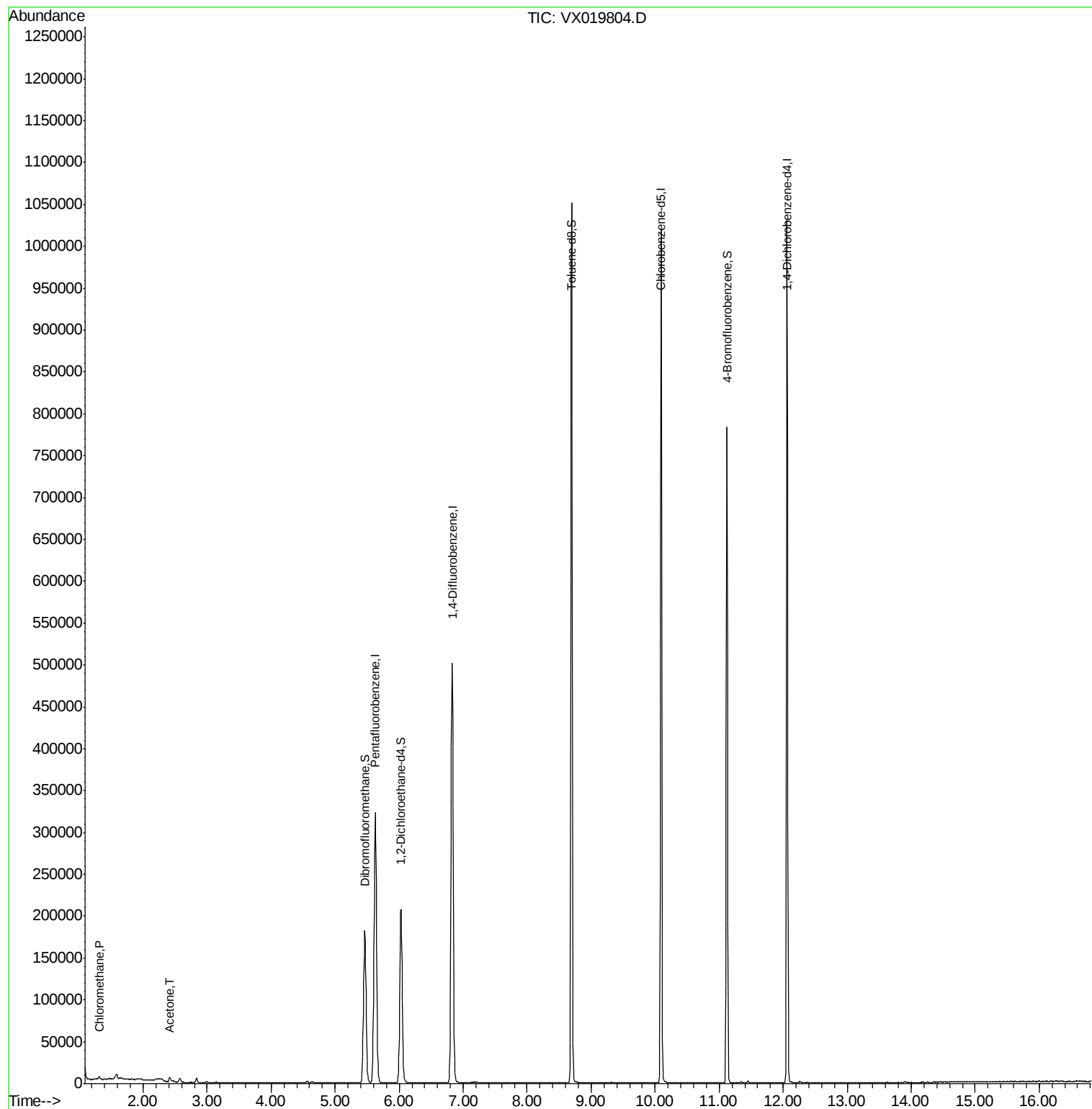
					Qvalue
3) Chloromethane	1.31	50	1114	0.330 ug/l	97
16) Acetone	2.42	43	6050	3.906 ug/l	97

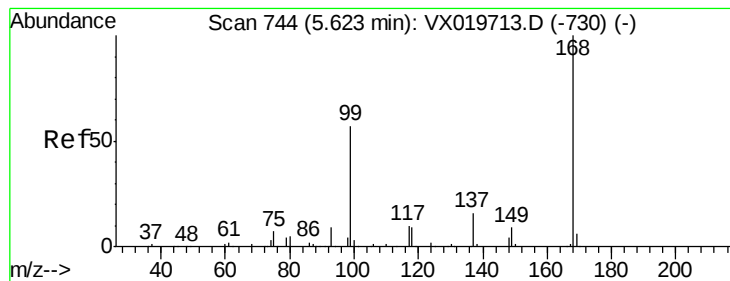
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019804.D

Acq: 10 Dec 2020 02:38

Instrument :

MSVOA_X

ClientSampleId :

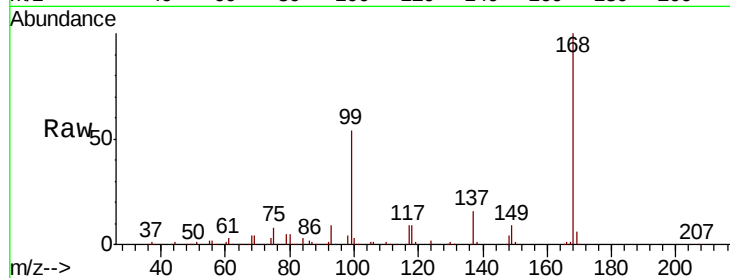
TU032-32-5226-120820

Tot Ion:168 Resp: 313551

Ion Ratio Lower Upper

168 100

99 53.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

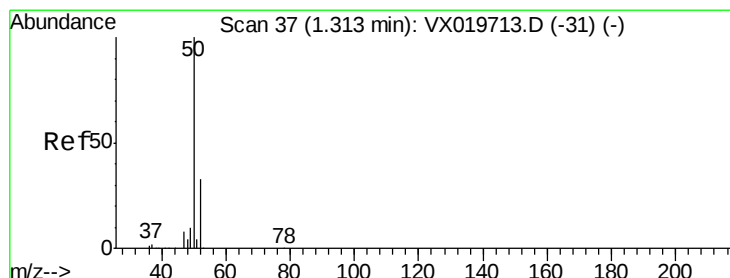
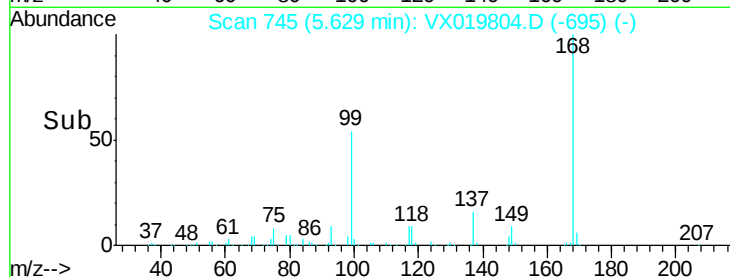
5.63

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.330 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019804.D

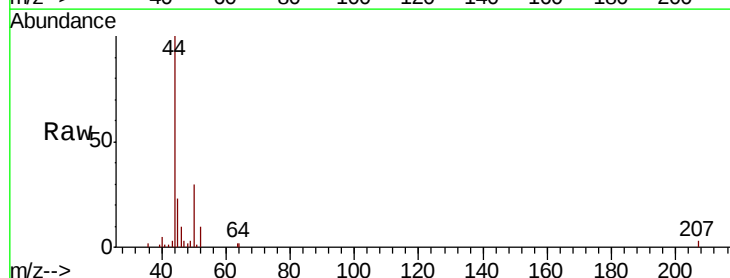
Acq: 10 Dec 2020 02:38

Tgt Ion: 50 Resp: 1114

Ion Ratio Lower Upper

50 100

52 34.8 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

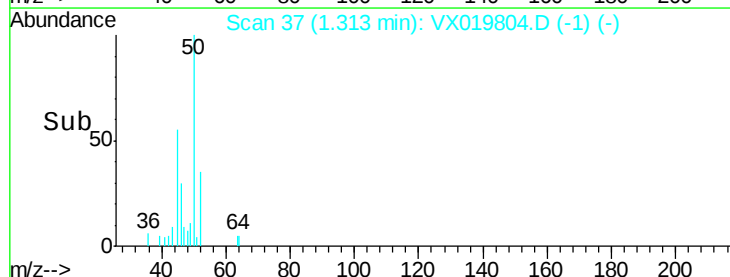
1500

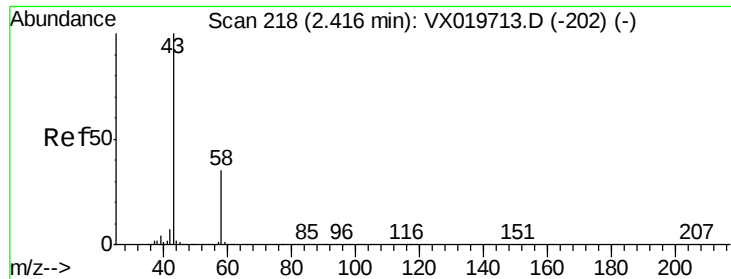
1000

500

0

Time-->





#16

Acetone

Concen: 3.906 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019804.D

Acq: 10 Dec 2020 02:38

Instrument :

MSVOA_X

ClientSampleId :

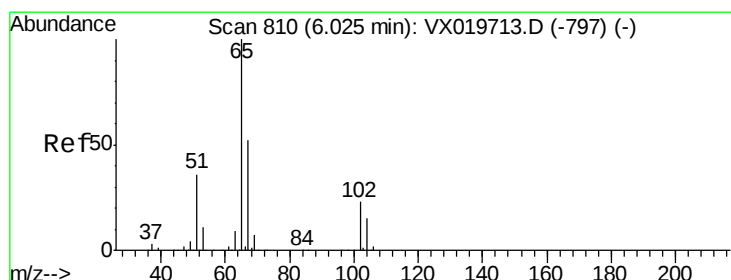
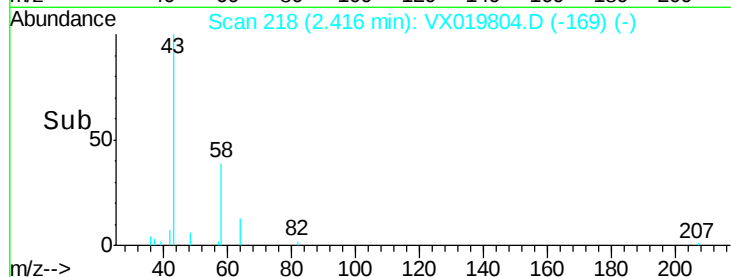
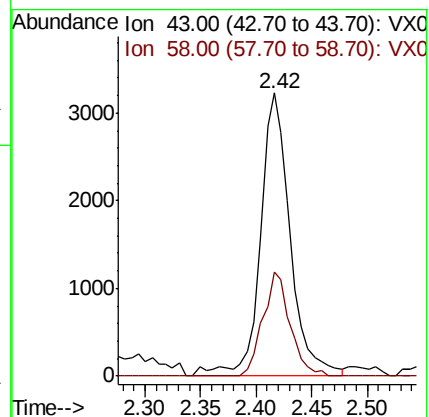
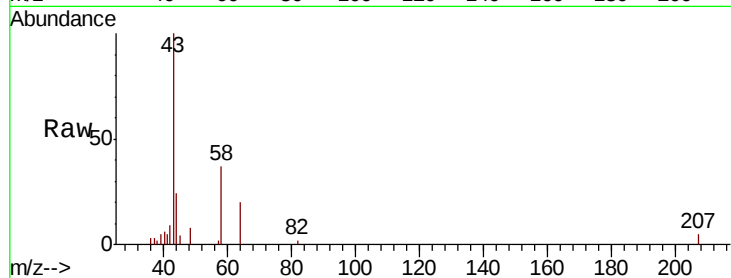
TU032-32-5226-120820

Tot Ion: 43 Resp: 6050

Ion Ratio Lower Upper

43 100

58 36.7 27.8 41.8



#33

1,2-Dichloroethane-d4

Concen: 48.008 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019804.D

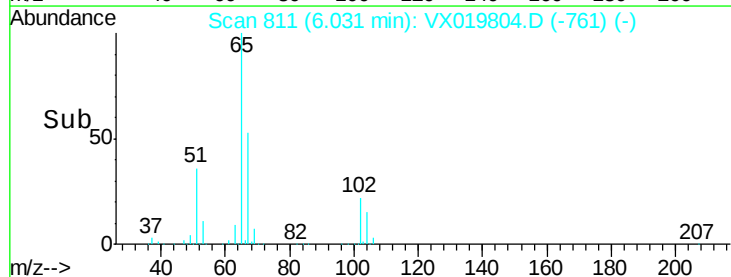
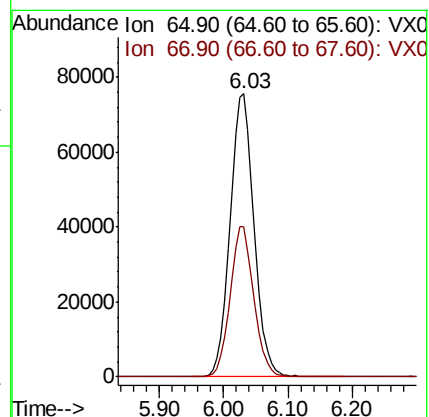
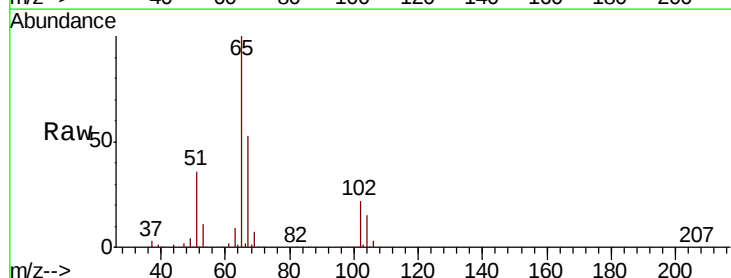
Acq: 10 Dec 2020 02:38

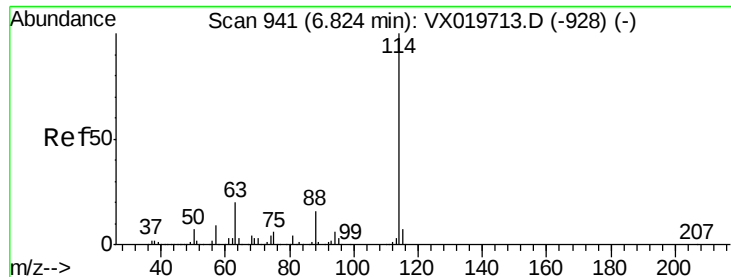
Tgt Ion: 65 Resp: 197842

Ion Ratio Lower Upper

65 100

67 52.6 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: VX019804.D

Acq: 10 Dec 2020 02:38

Instrument :

MSVOA_X

ClientSampleId :

TU032-32-5226-120820

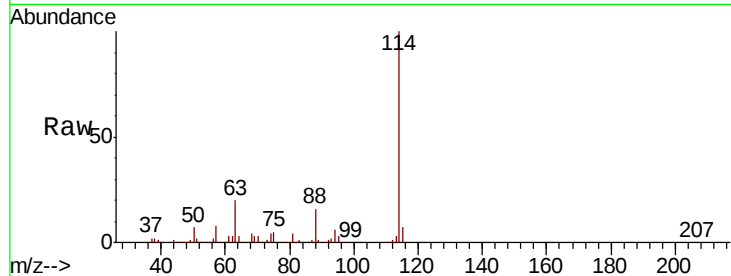
Tot Ion:114 Resp: 517497

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.8

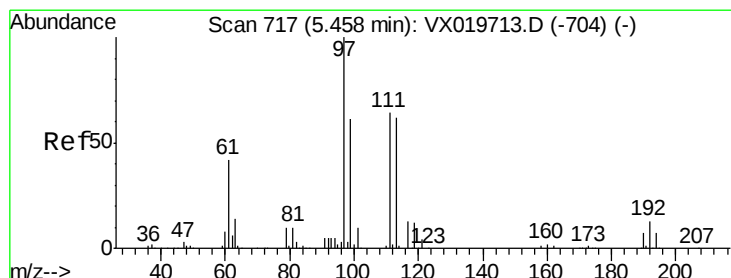
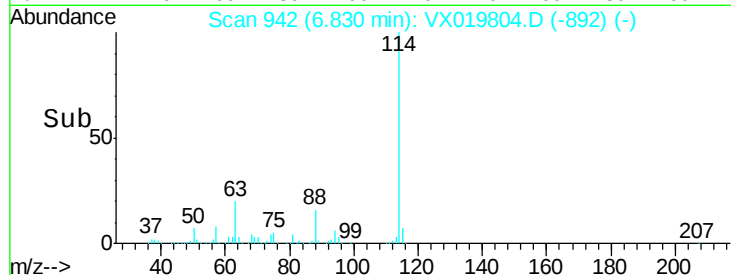
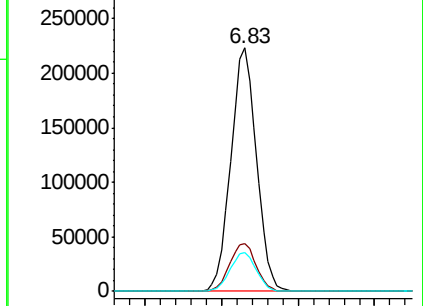
88 15.8 0.0 32.8



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: 47.452 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019804.D

Acq: 10 Dec 2020 02:38

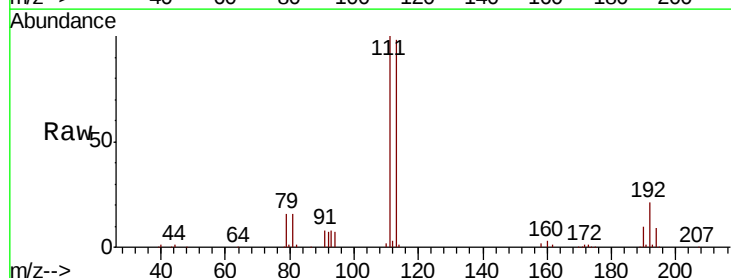
Tgt Ion:113 Resp: 158705

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

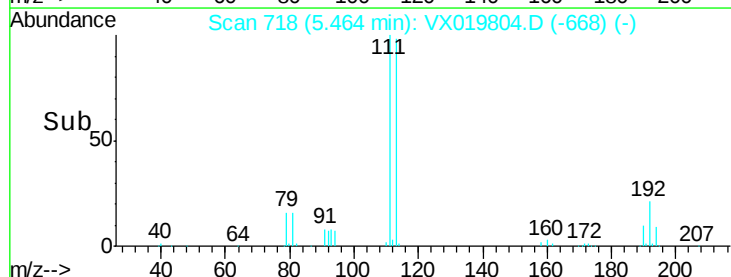
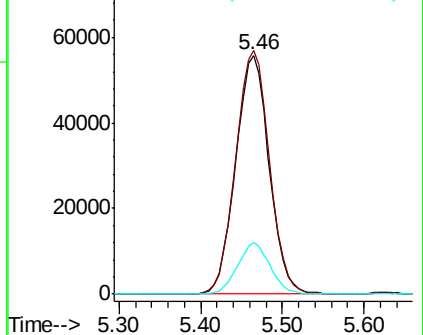
192 20.9 16.7 25.1

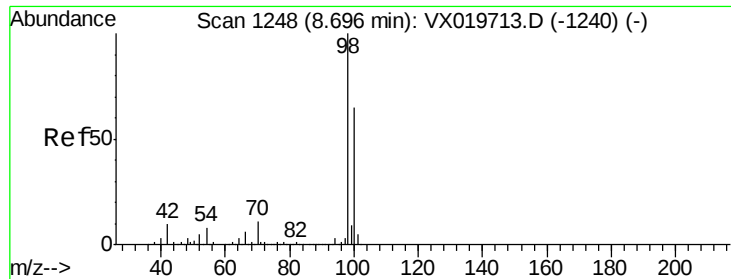


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.547 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019804.D

Acq: 10 Dec 2020 02:38

Instrument :

MSVOA_X

ClientSampleId :

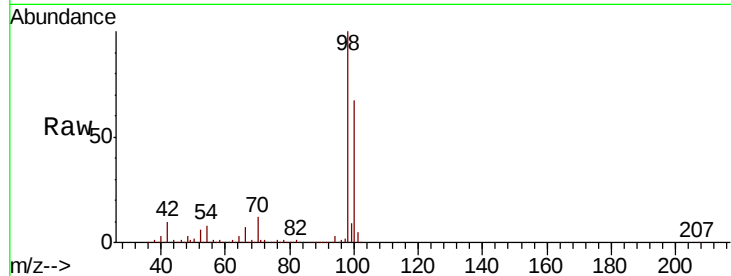
TU032-32-5226-120820

Tot Ion: 98 Resp: 619874

Ion Ratio Lower Upper

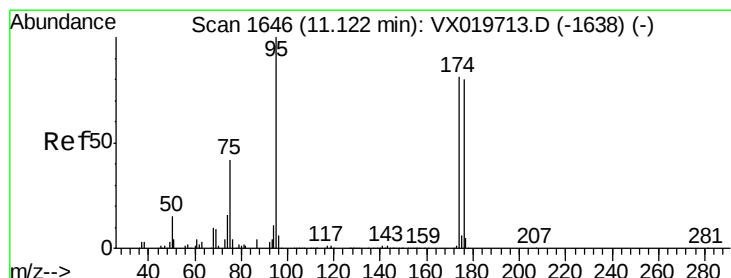
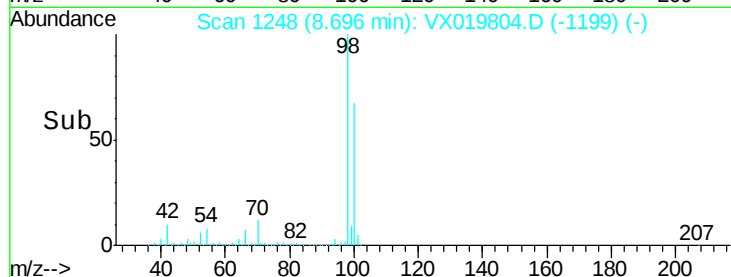
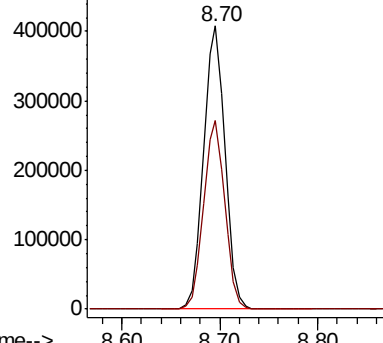
98 100

100 66.0 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: 45.933 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019804.D

Acq: 10 Dec 2020 02:38

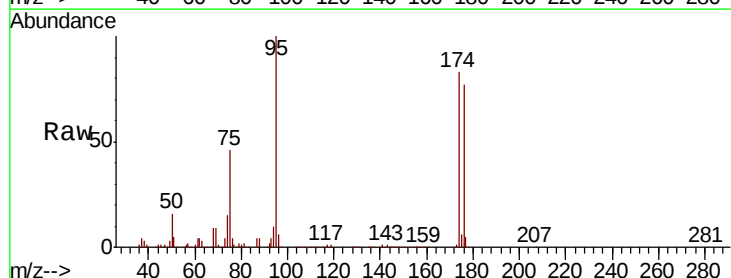
Tgt Ion: 95 Resp: 223226

Ion Ratio Lower Upper

95 100

174 78.5 0.0 154.6

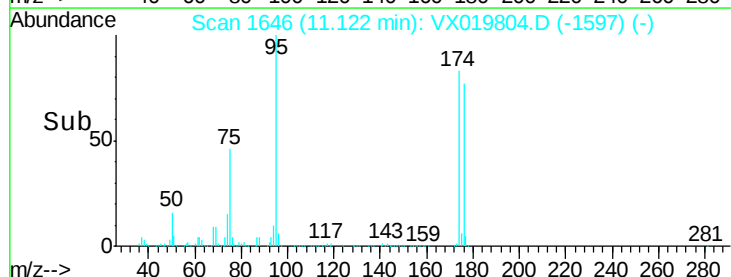
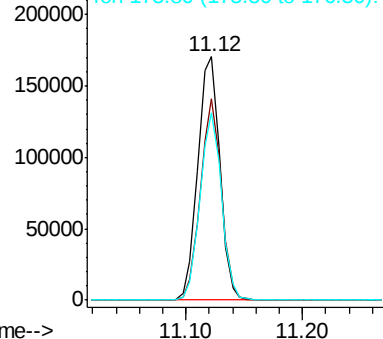
176 74.9 0.0 155.8

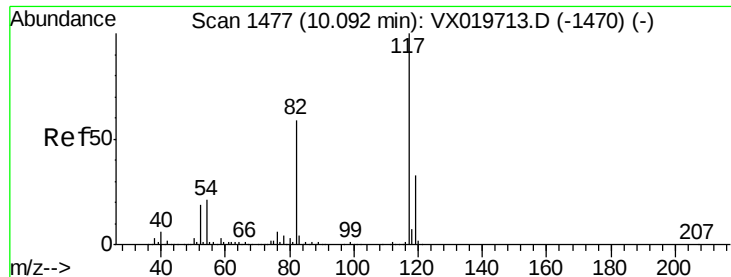


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

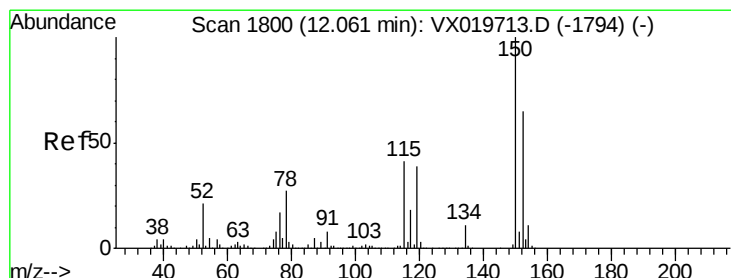
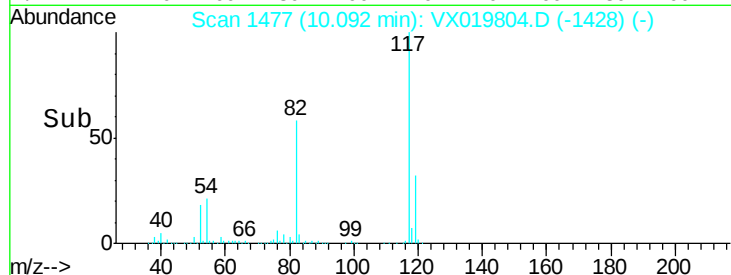
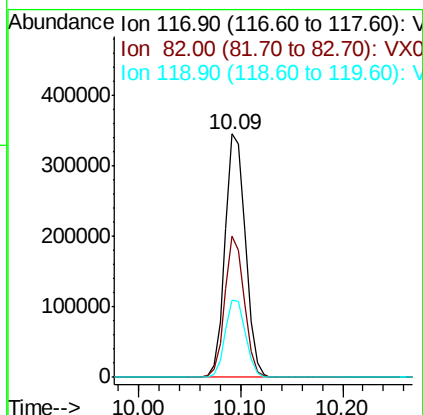
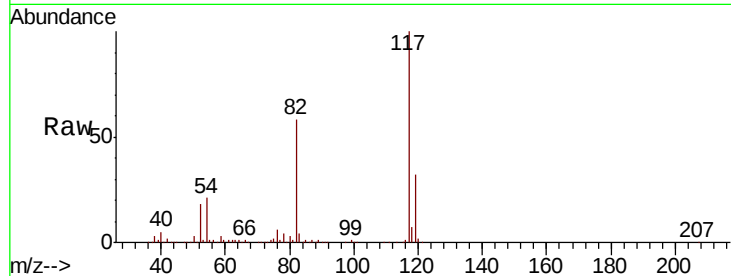




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019804.D
Acq: 10 Dec 2020 02:38

Instrument :
MSVOA_X
ClientSampleId :
TU032-32-5226-120820

Tot Ion:117 Resp: 477771
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.7 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: VX019804.D
Acq: 10 Dec 2020 02:38

Tgt Ion:152 Resp: 206092
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 161.3 0.0 349.0

