

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019544.D
 Acq On : 23 Nov 2020 12:44
 Operator : JC/MD
 Sample : L4798-14
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20201118

Quant Time: Nov 24 03:58:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	328211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	532357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	457049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199055	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193299	45.42	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.84%
35) Dibromofluoromethane	5.46	113	156745	46.91	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.82%
50) Toluene-d8	8.70	98	618407	47.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.24%
62) 4-Bromofluorobenzene	11.12	95	213779	45.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.52%

Target Compounds

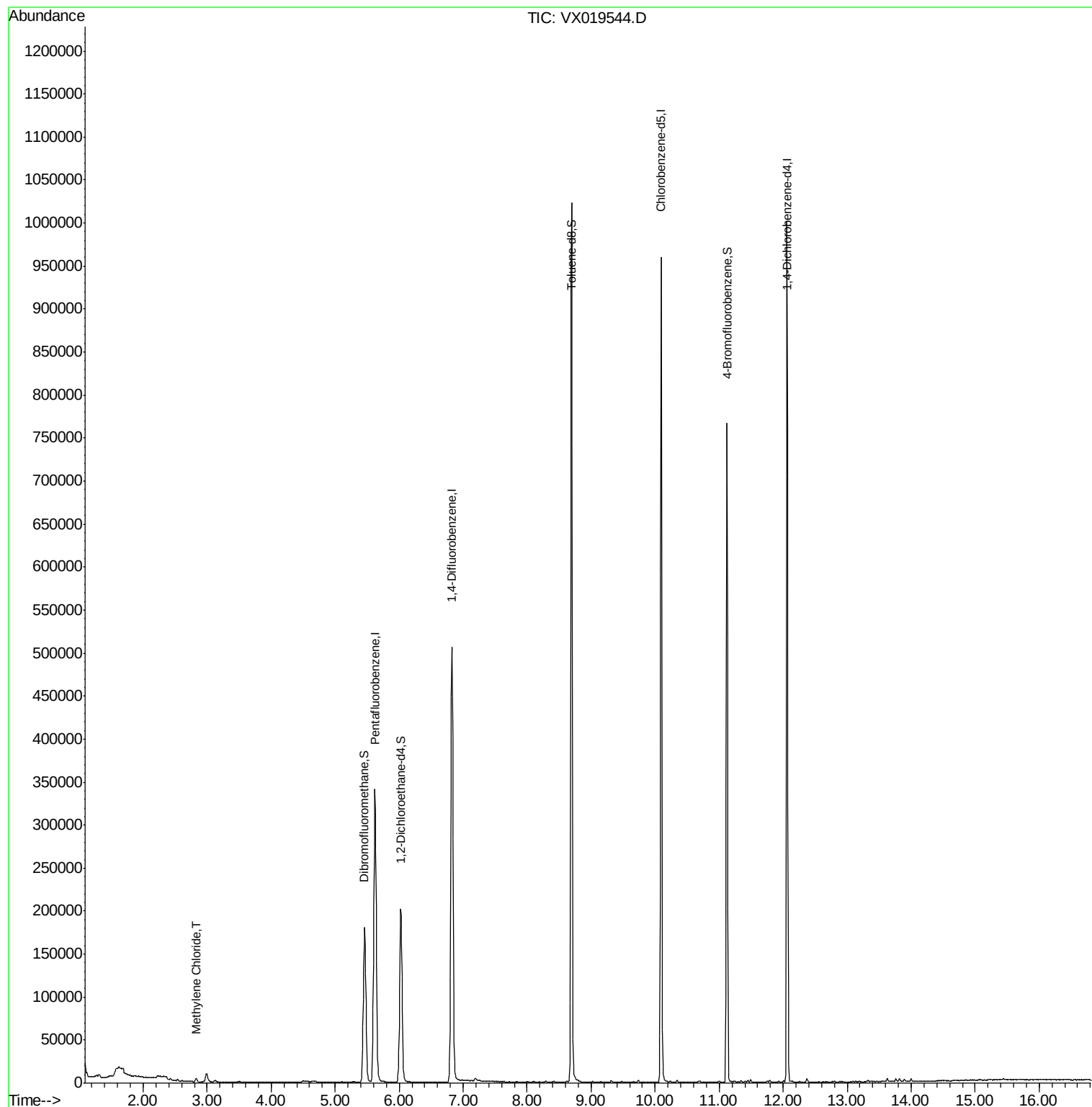
					Qvalue
20) Methylene Chloride	2.82	84	1892	0.460 ug/l #	84

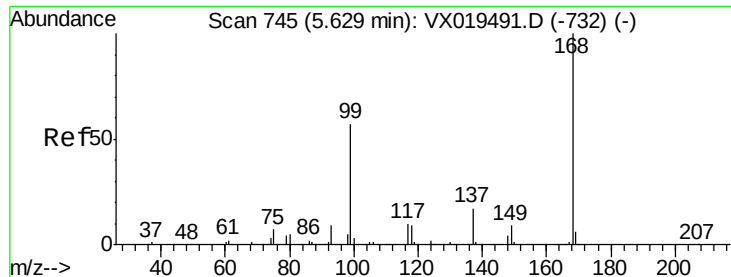
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019544.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_X

ClientSampleId :

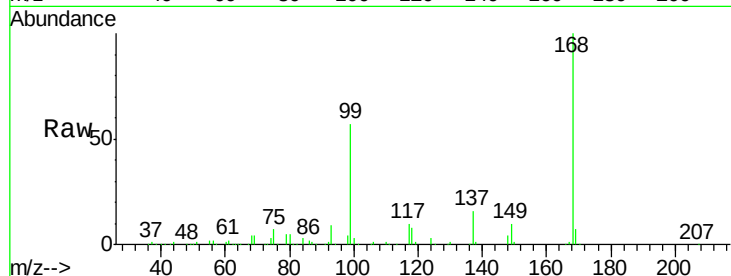
TB01-20201118

Tot Ion:168 Resp: 328211

Ion Ratio Lower Upper

168 100

99 57.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

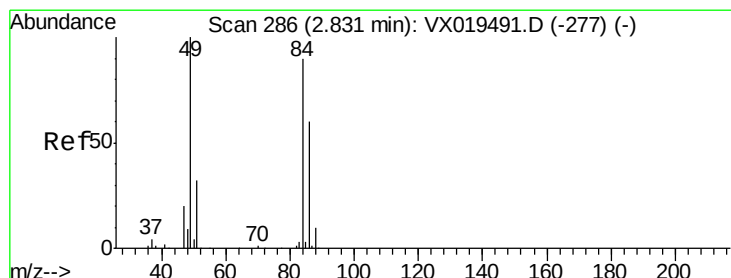
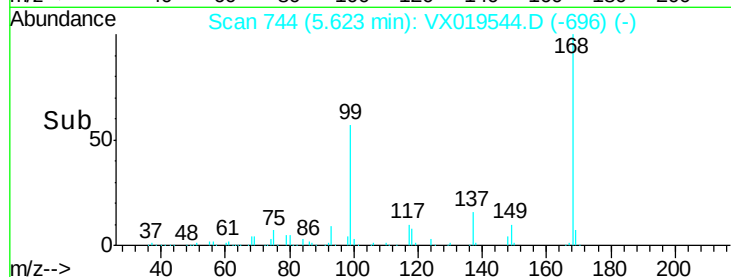
5.62

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 0.460 ug/l

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX019544.D

Acq: 23 Nov 2020 12:44

Tgt Ion: 84 Resp: 1892

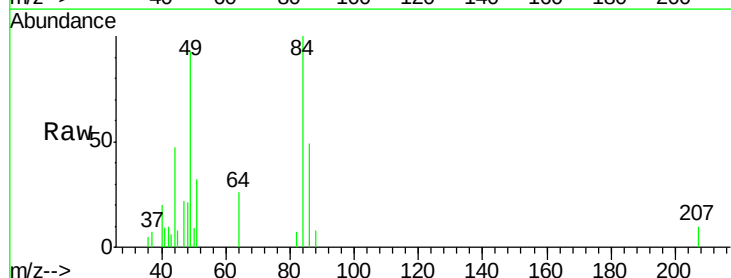
Ion Ratio Lower Upper

84 100

49 93.2 88.5 132.7

51 31.7 28.0 42.0

86 49.2 53.0 79.4#



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

2.82

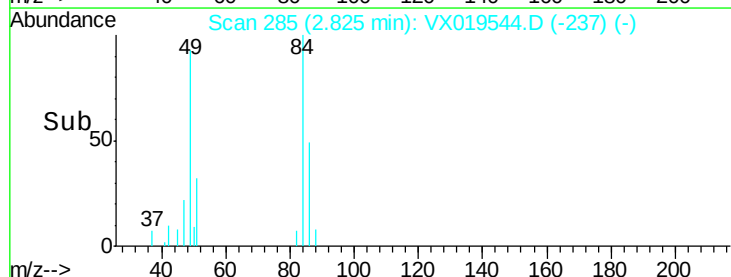
1500

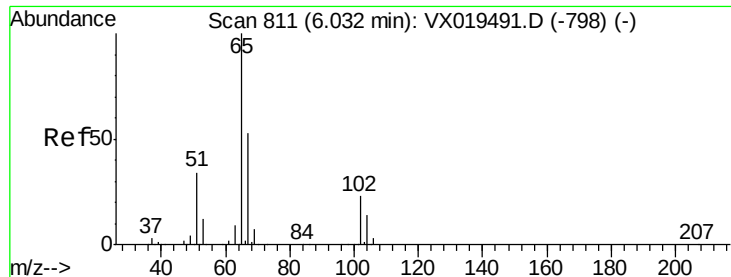
1000

500

0

Time-->

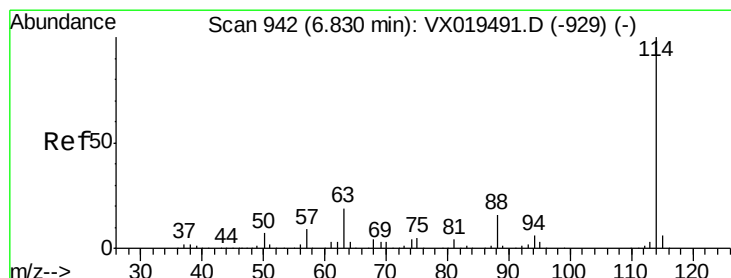
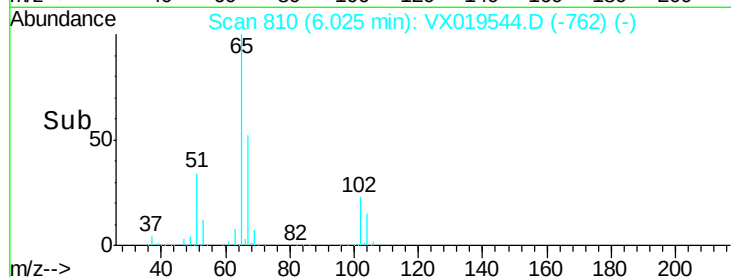
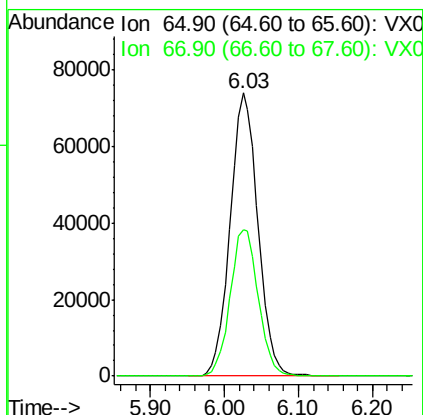
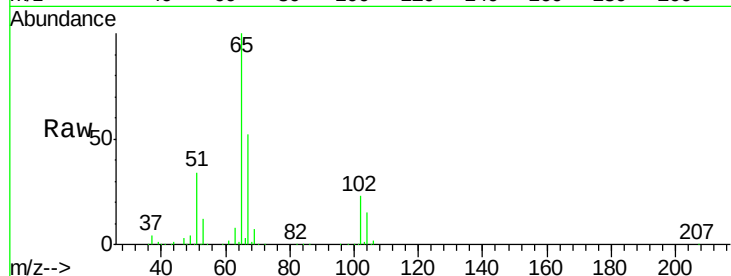




#33
 1,2-Dichloroethane-d4
 Concen: 45.423 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019544.D
 Acq: 23 Nov 2020 12:44

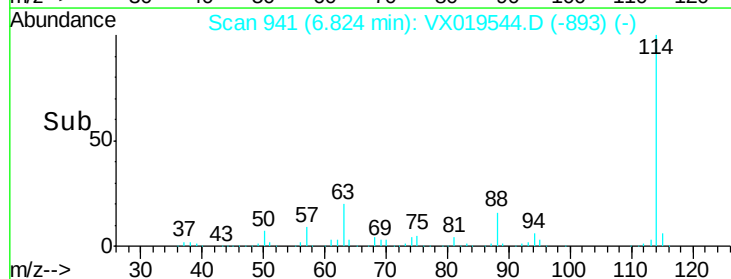
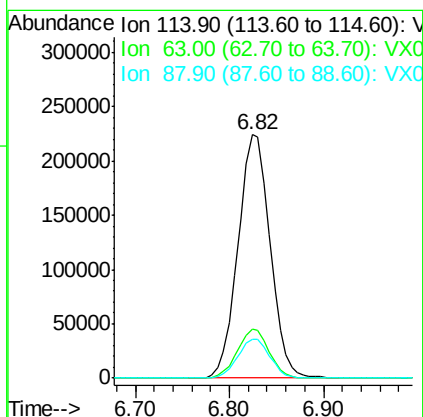
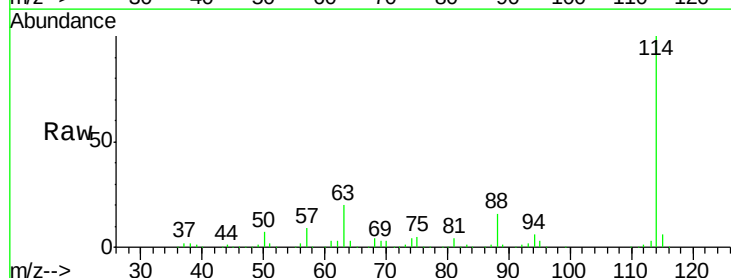
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20201118

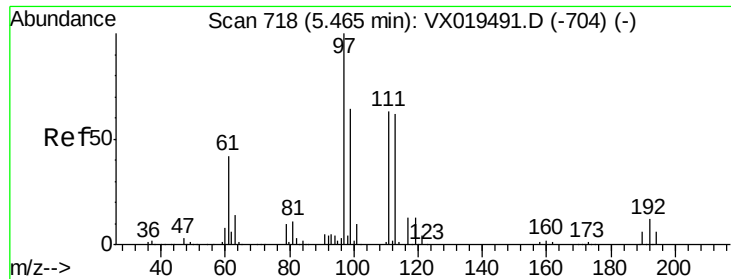
Tot Ion: 65 Resp: 193299
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019544.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 114 Resp: 532357
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 15.7 0.0 31.6

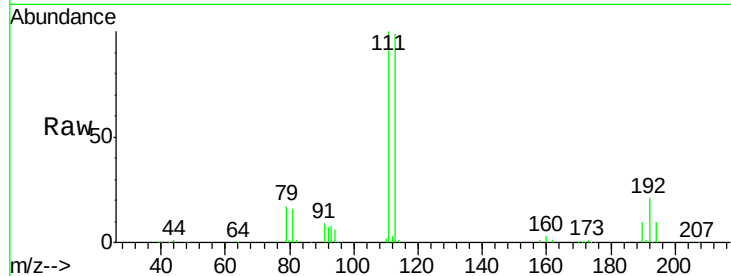




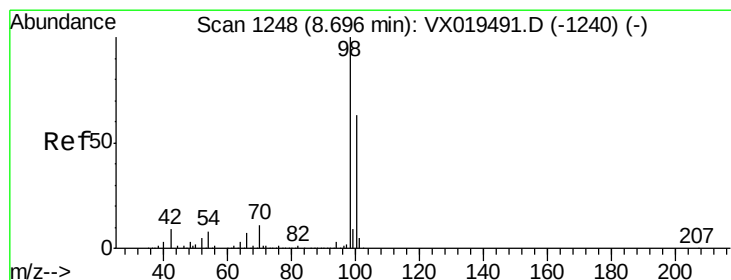
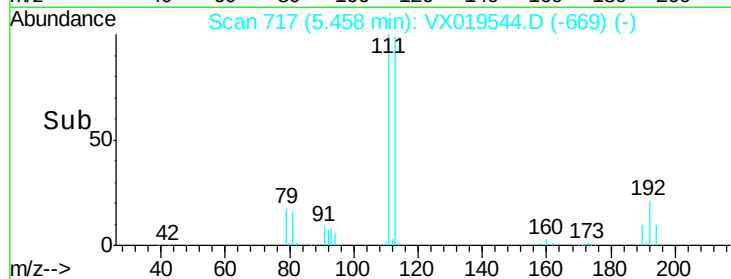
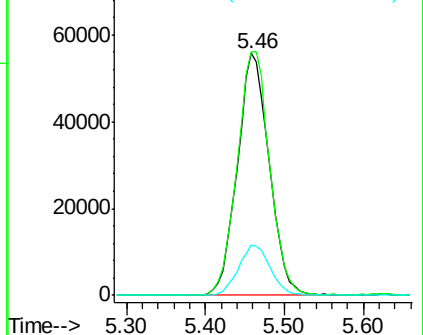
#35
 Dibromofluoromethane
 Concen: 46.907 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX019544.D
 Acq: 23 Nov 2020 12:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20201118

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.5	122.3
192	20.8	16.2	24.2

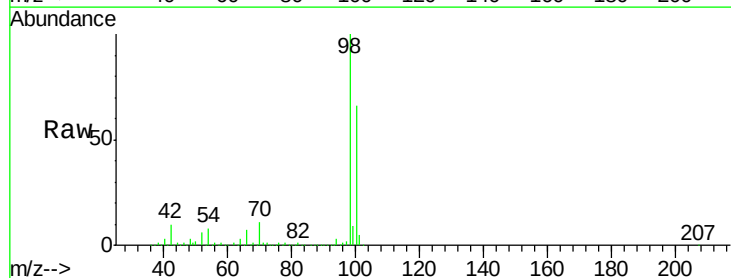


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

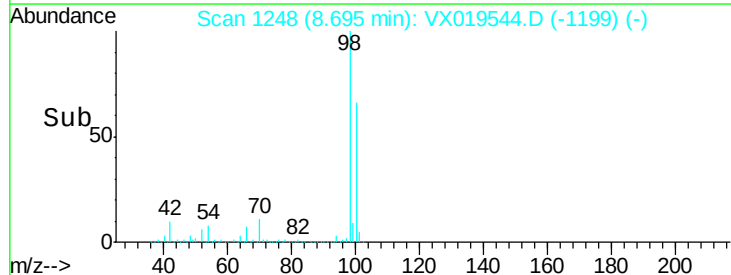
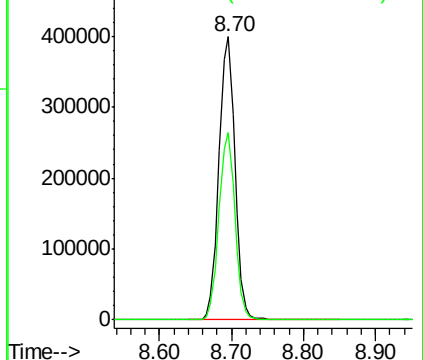


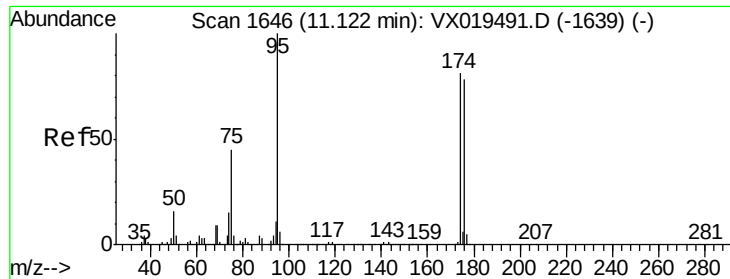
#50
 Toluene-d8
 Concen: 47.624 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019544.D
 Acq: 23 Nov 2020 12:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

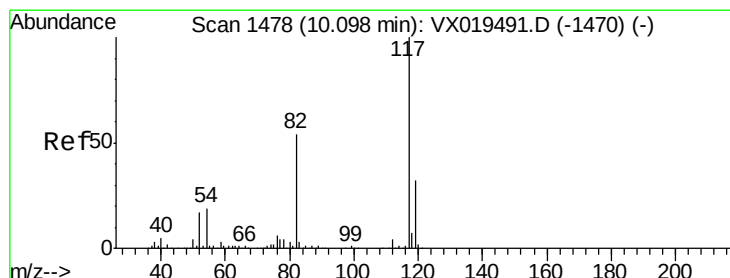
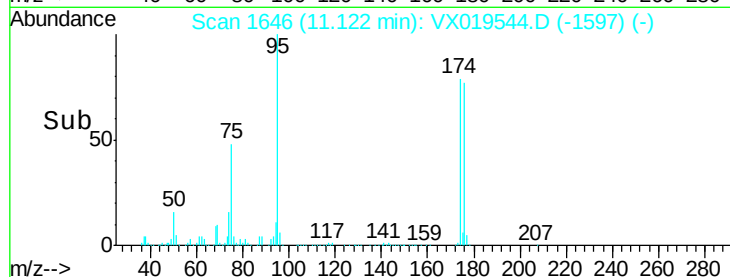
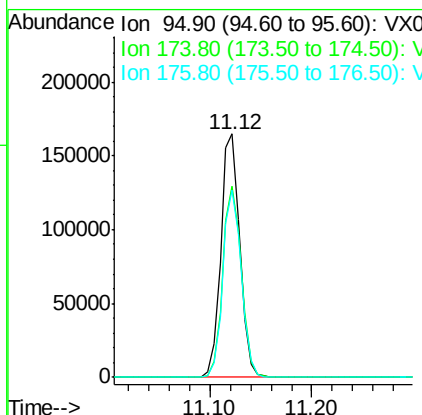
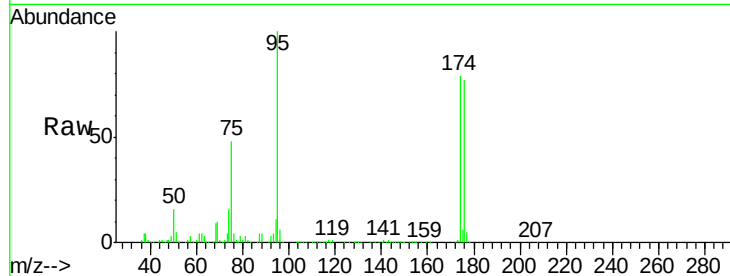




#62
 4-Bromofluorobenzene
 Concen: 45.759 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019544.D
 Acq: 23 Nov 2020 12:44

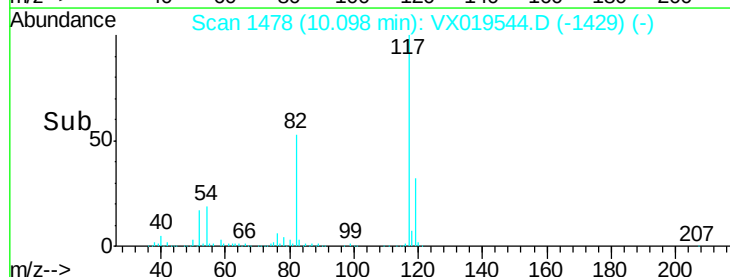
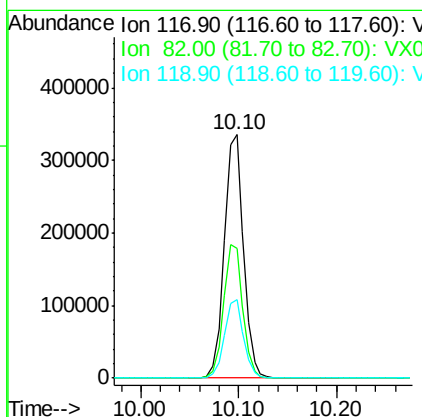
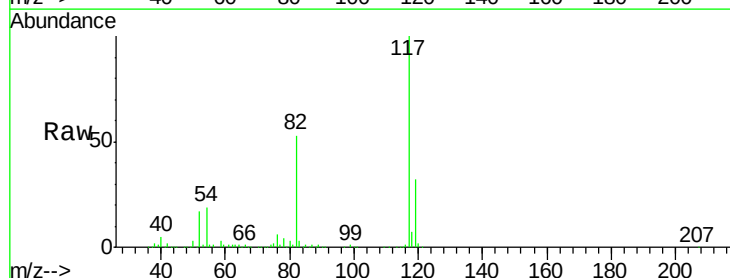
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20201118

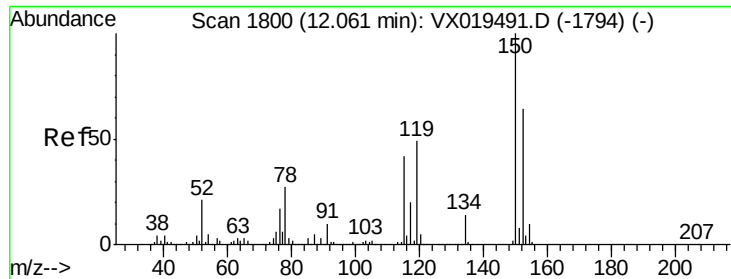
Tot Ion: 95 Resp: 213779
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 156.2
 176 74.9 0.0 151.4



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX019544.D
 Acq: 23 Nov 2020 12:44

Tgt Ion: 117 Resp: 457049
 Ion Ratio Lower Upper
 117 100
 82 53.2 43.0 64.4
 119 32.4 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019544.D

Acq: 23 Nov 2020 12:44

Instrument :

MSVOA_X

ClientSampleId :

TB01-20201118

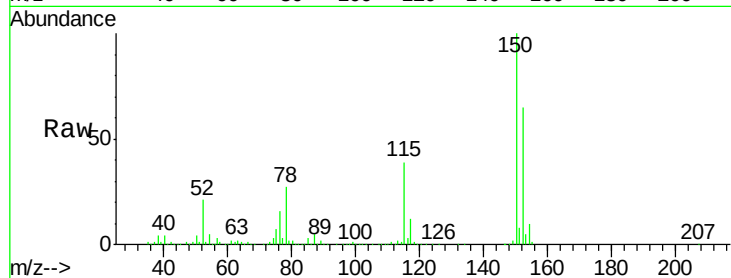
Tot Ion:152 Resp: 199055

Ion Ratio Lower Upper

152 100

115 59.3 41.8 125.4

150 157.4 0.0 348.2



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

