

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019785.D
 Acq On : 09 Dec 2020 17:44
 Operator : JC/MD
 Sample : L4971-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5S1-D-TOP

Quant Time: Dec 10 06:19:30 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	338938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	557867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	522106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228684	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	211511	47.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	94.96%	
35) Dibromofluoromethane	5.46	113	172718	47.91	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.82%	
50) Toluene-d8	8.70	98	681749	49.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	99.06%	
62) 4-Bromofluorobenzene	11.12	95	244440	46.66	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	93.32%	

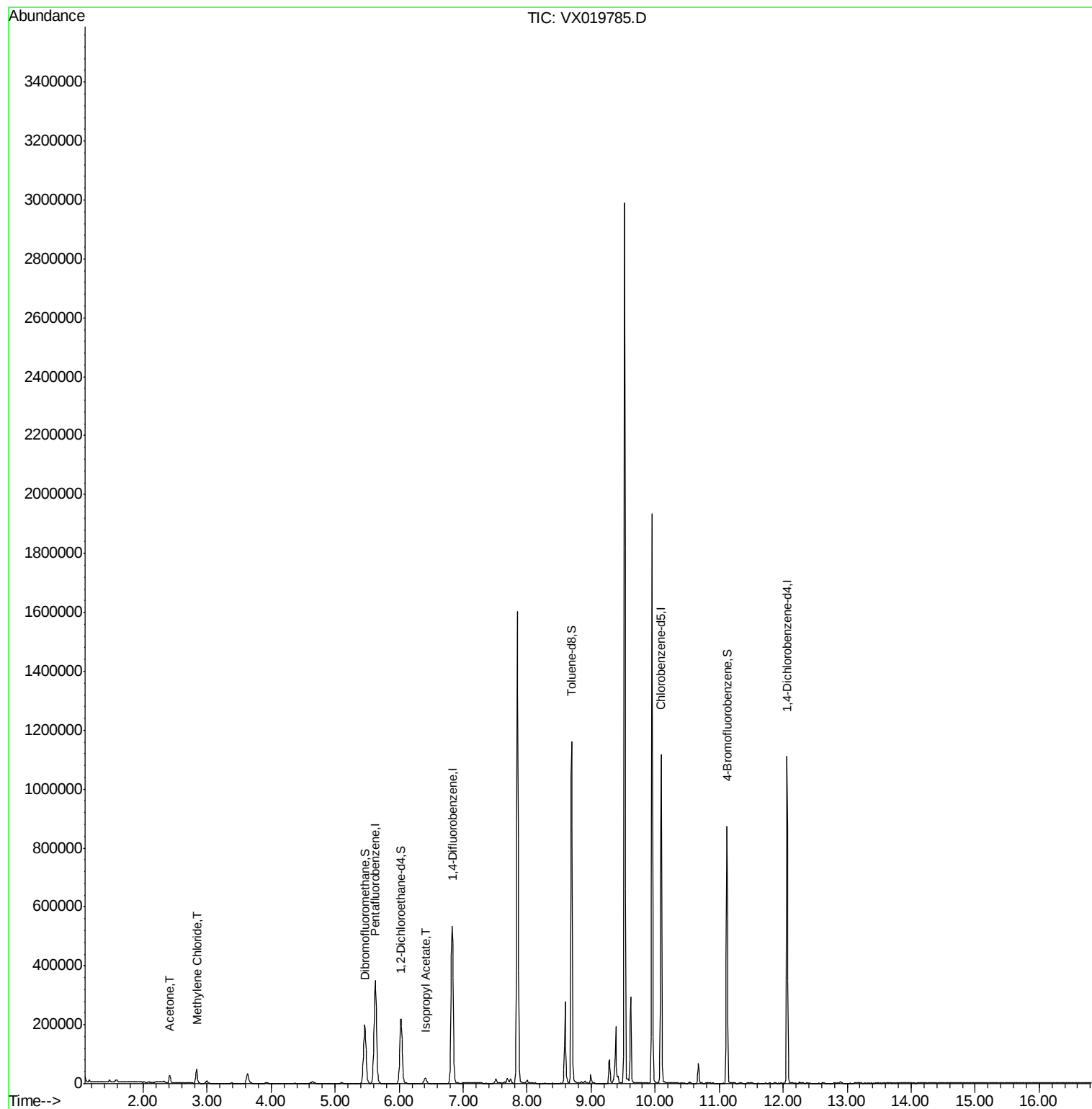
Target Compounds					Qvalue
16) Acetone	2.42	43	26731	15.965 ug/l	99
20) Methylene Chloride	2.83	84	22424	4.574 ug/l	97
43) Isopropyl Acetate	6.41	43	25001	3.021 ug/l	99

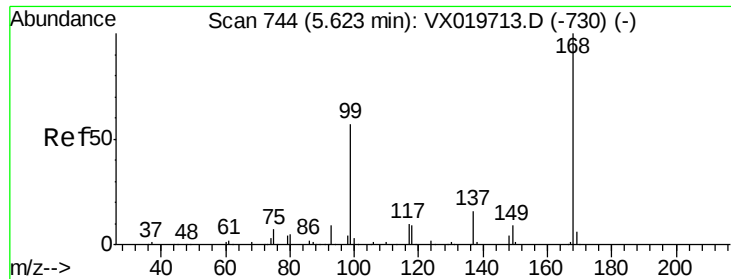
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019785.D

Acq: 09 Dec 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

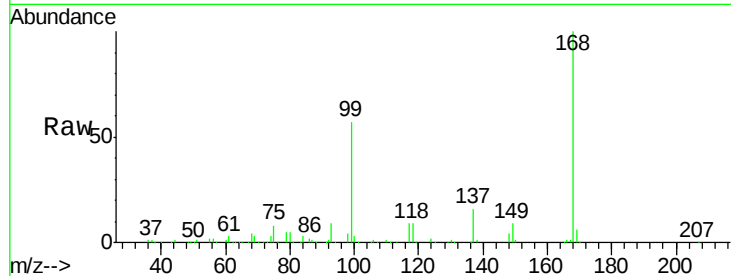
5S1-D-TOP

Tot Ion:168 Resp: 338938

Ion Ratio Lower Upper

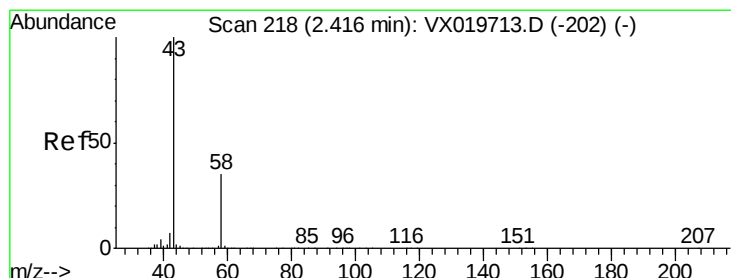
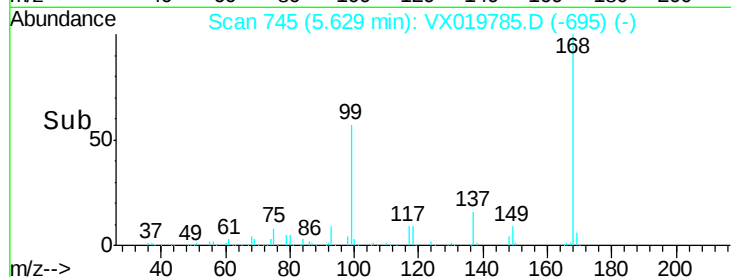
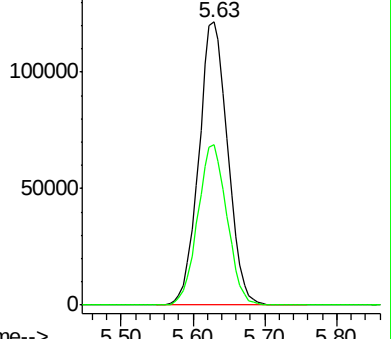
168 100

99 56.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 15.965 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019785.D

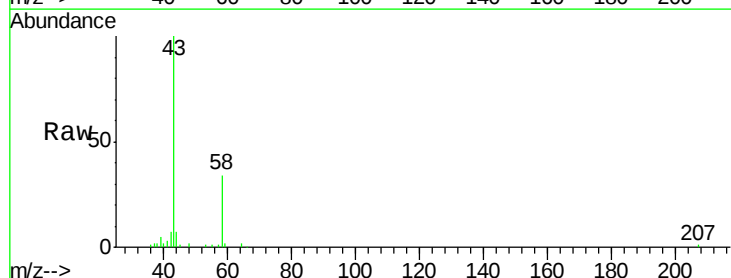
Acq: 09 Dec 2020 17:44

Tgt Ion: 43 Resp: 26731

Ion Ratio Lower Upper

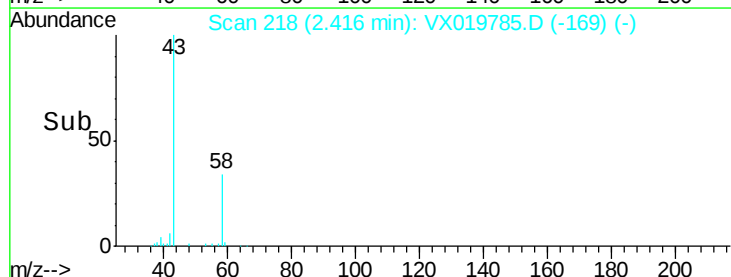
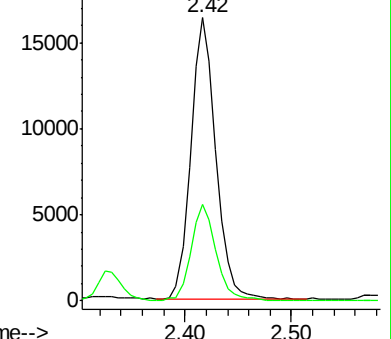
43 100

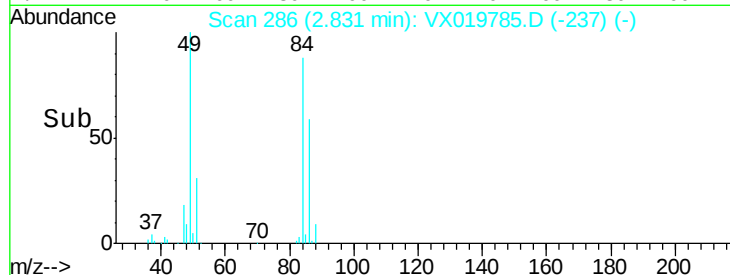
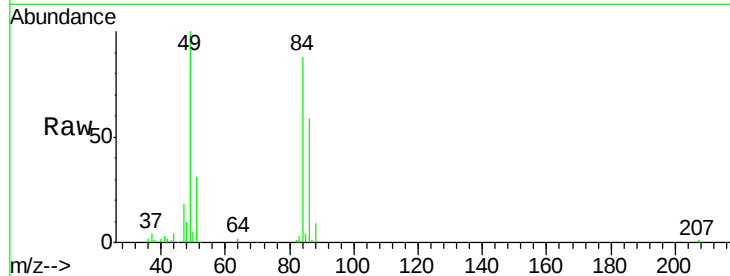
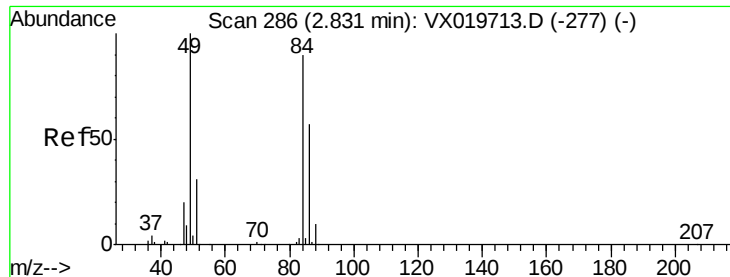
58 34.1 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

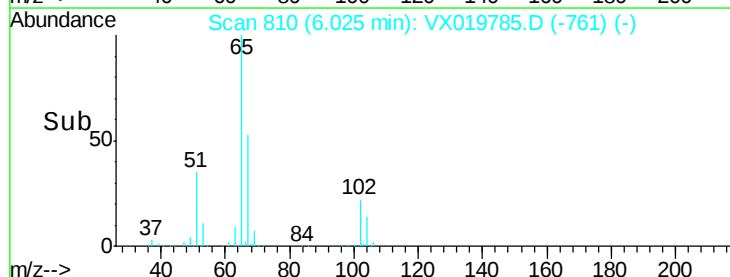
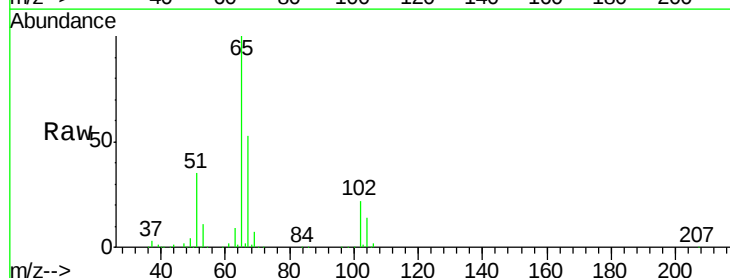
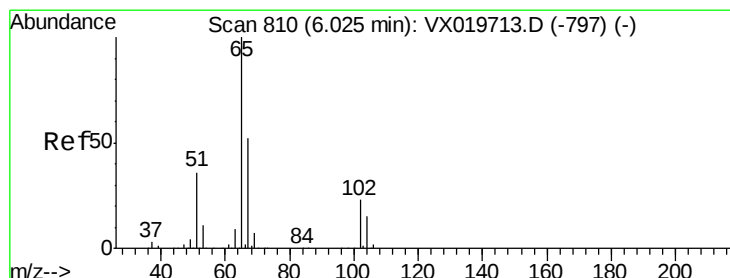
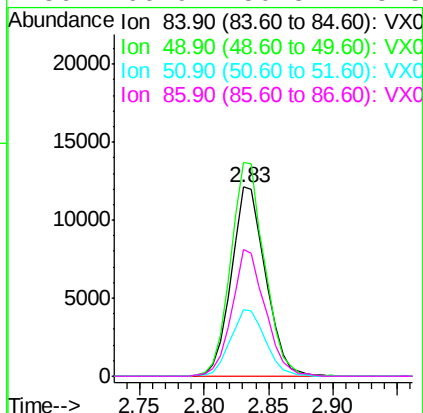




#20
Methvlene Chloride
Concen: 4.574 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019785.D
Acq: 09 Dec 2020 17:44

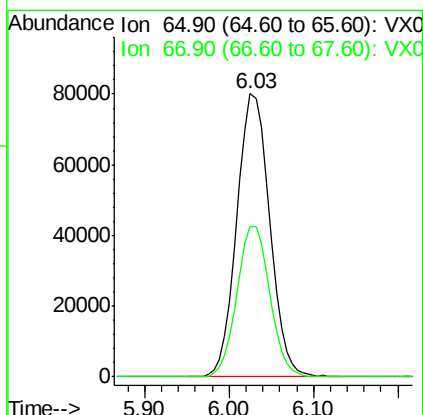
Instrument :
MSVOA_X
ClientSampled :
5S1-D-TOP

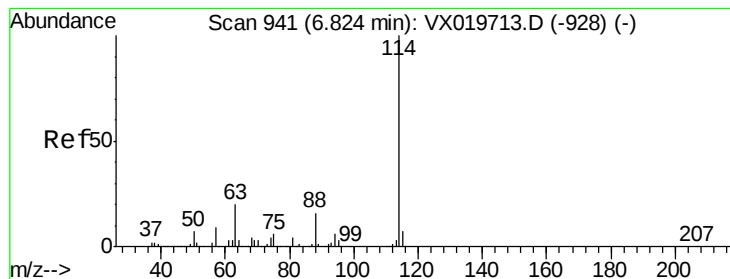
Tot Ion: 84 Resp: 22424
Ion Ratio Lower Upper
84 100
49 113.0 88.6 132.8
51 35.0 27.0 40.6
86 66.9 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 47.481 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX019785.D
Acq: 09 Dec 2020 17:44

Tgt Ion: 65 Resp: 211511
Ion Ratio Lower Upper
65 100
67 53.1 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: VX019785.D

Acq: 09 Dec 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

5S1-D-TOP

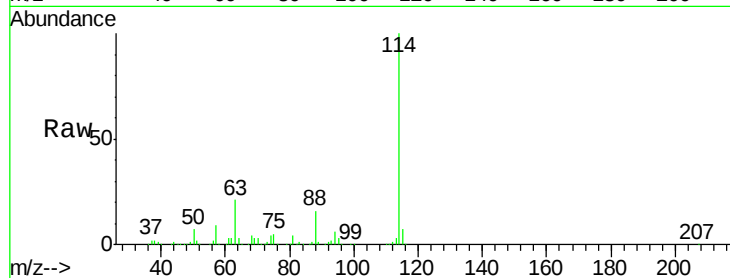
Tot Ion:114 Resp: 557867

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

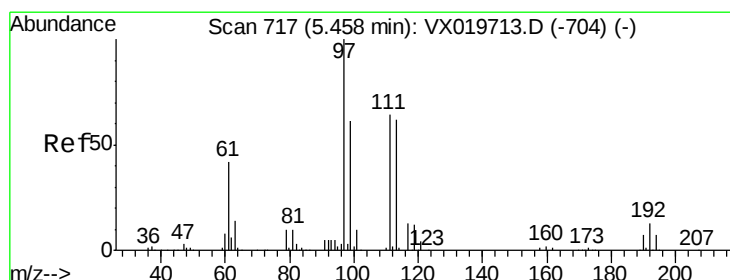
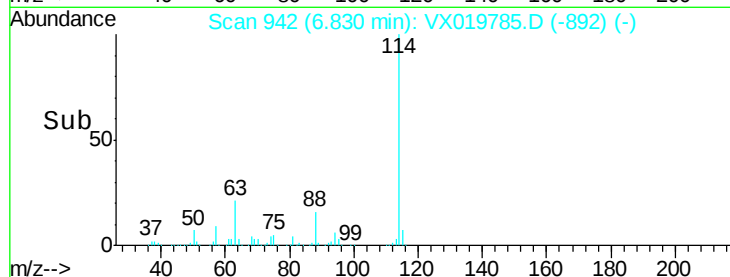
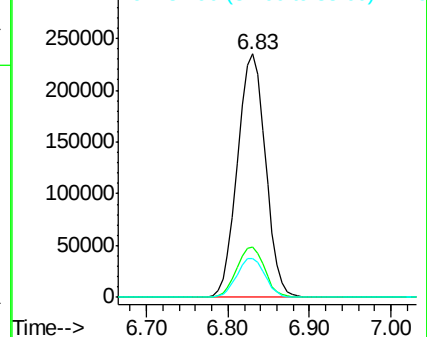
88 16.1 0.0 32.8



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: 47.905 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019785.D

Acq: 09 Dec 2020 17:44

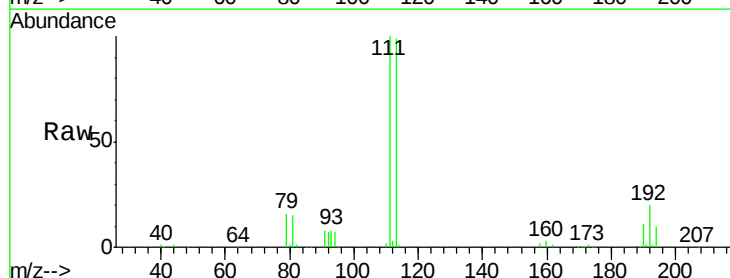
Tgt Ion:113 Resp: 172718

Ion Ratio Lower Upper

113 100

111 102.2 81.9 122.9

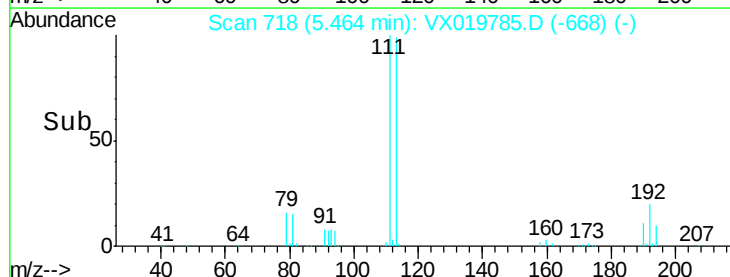
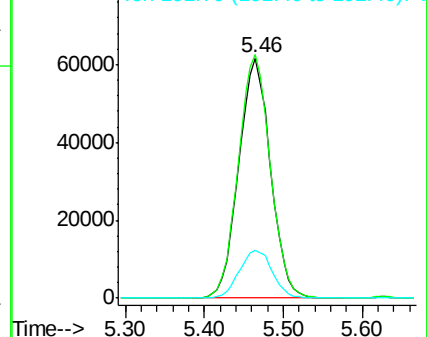
192 20.6 16.7 25.1

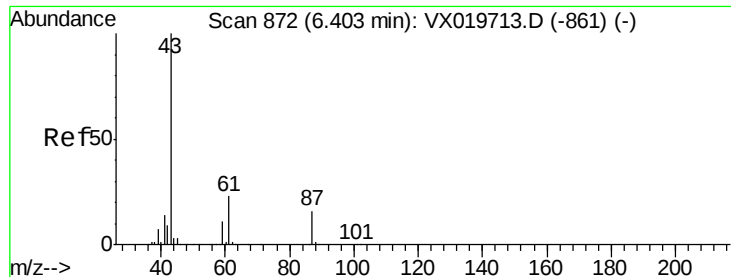


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.021 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019785.D

Acq: 09 Dec 2020 17:44

Instrument :

MSVOA_X

ClientSampled :

5S1-D-TOP

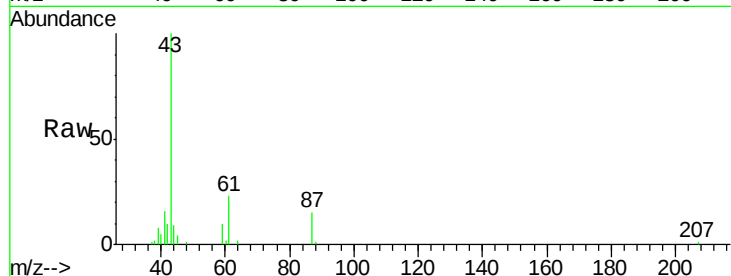
Tot Ion: 43 Resp: 25001

Ion Ratio Lower Upper

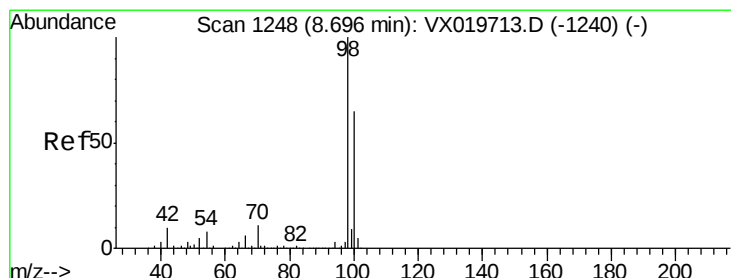
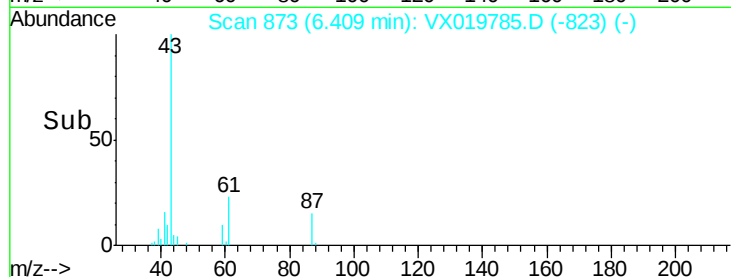
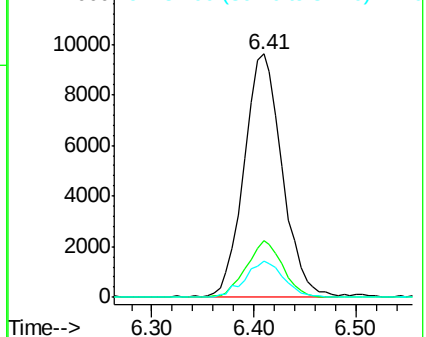
43 100

61 22.2 18.2 27.4

87 15.0 12.5 18.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 49.529 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019785.D

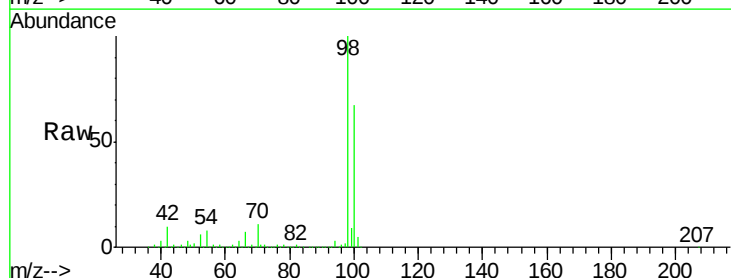
Acq: 09 Dec 2020 17:44

Tgt Ion: 98 Resp: 681749

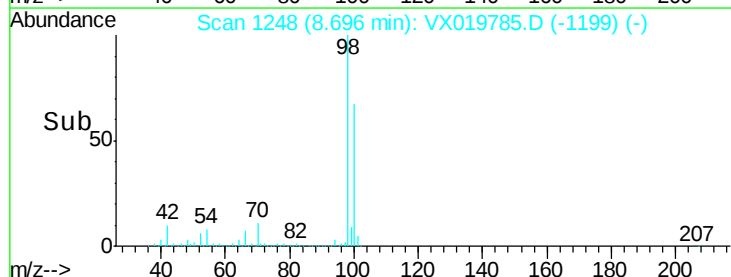
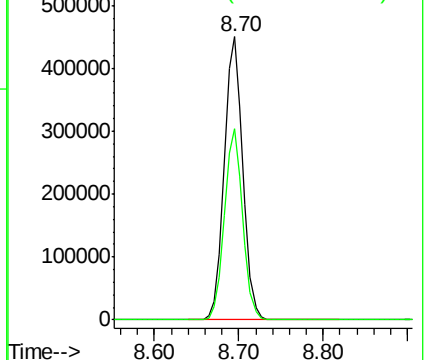
Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9



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

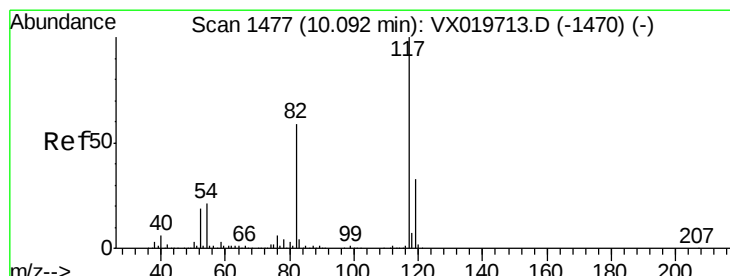
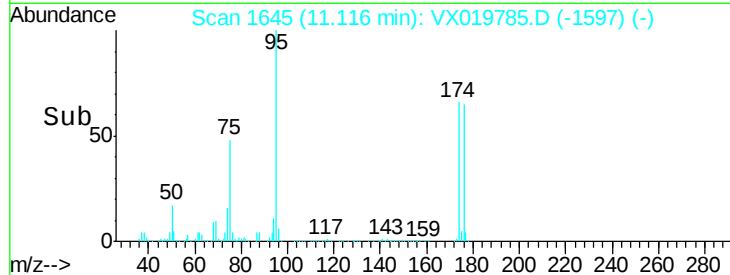
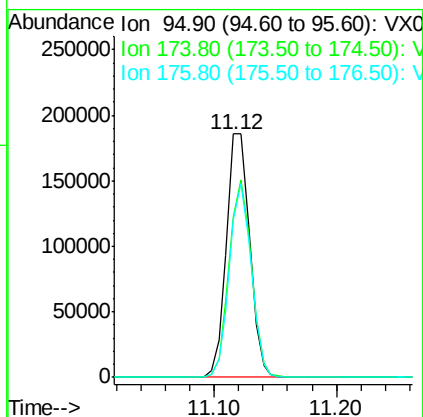
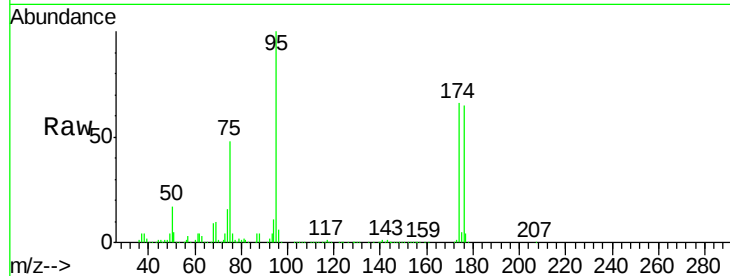




#62
4-Bromofluorobenzene
Concen: 46.658 ug/l
RT: 11.12 min Scan# 1645
Delta R.T. -0.01 min
Lab File: VX019785.D
Acq: 09 Dec 2020 17:44

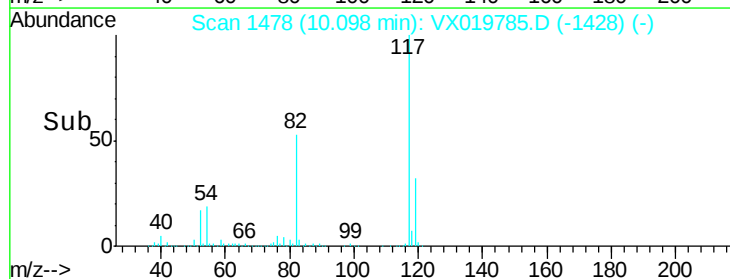
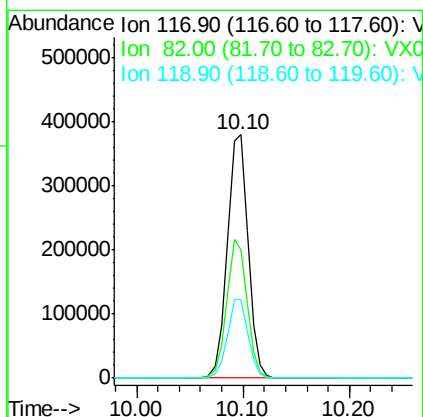
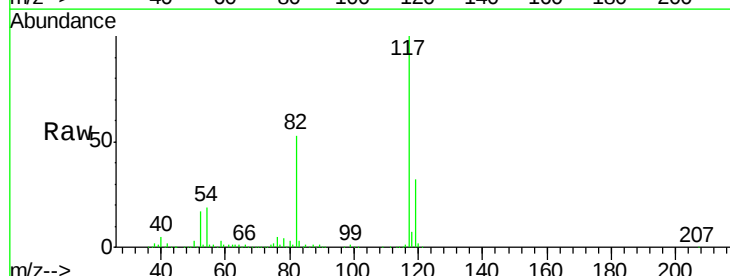
Instrument :
MSVOA_X
ClientSampleId :
5S1-D-TOP

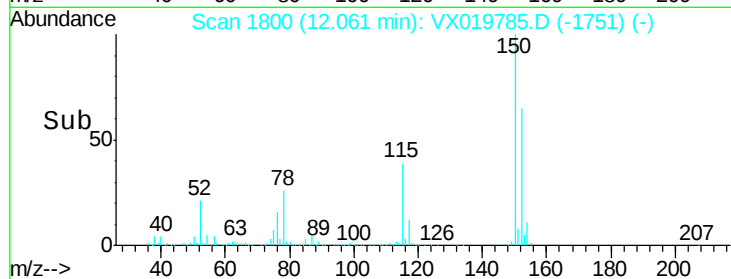
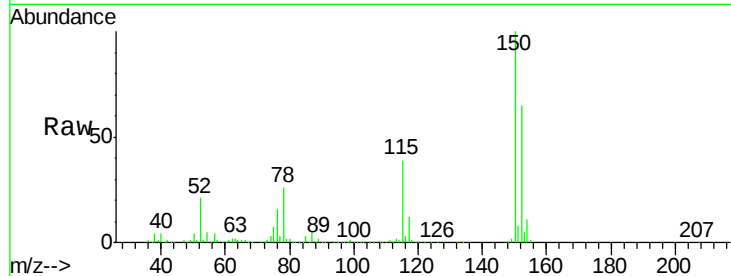
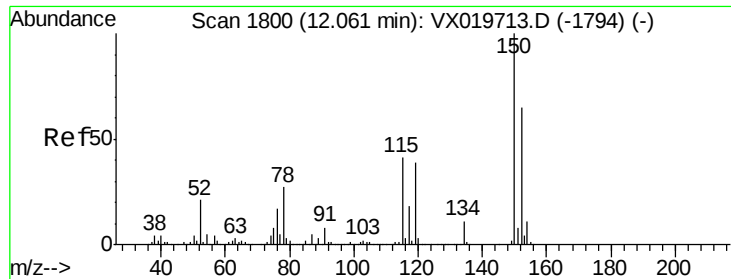
Tot Ion: 95 Resp: 244440
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019785.D
Acq: 09 Dec 2020 17:44

Tgt Ion: 117 Resp: 522106
Ion Ratio Lower Upper
117 100
82 53.0 47.4 71.2
119 32.3 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: VX019785.D

Acq: 09 Dec 2020 17:44

Instrument :

MSVOA_X

ClientSampleId :

5S1-D-TOP

Tot Ion:152 Resp: 228684

Ion Ratio Lower Upper

152 100

115 60.2 41.1 123.3

150 156.8 0.0 349.0

