

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019861.D
 Acq On : 11 Dec 2020 06:13
 Operator : JC/MD
 Sample : L4984-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-A-BOTTOM

Quant Time: Dec 11 06:39:32 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	322898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	543953	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	506944	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	215507	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	210356	49.57	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.14%		
35) Dibromofluoromethane	5.46	113	167650	47.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.38%		
50) Toluene-d8	8.70	98	671068	50.00	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.00%		
62) 4-Bromofluorobenzene	11.12	95	233135	45.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.28%		

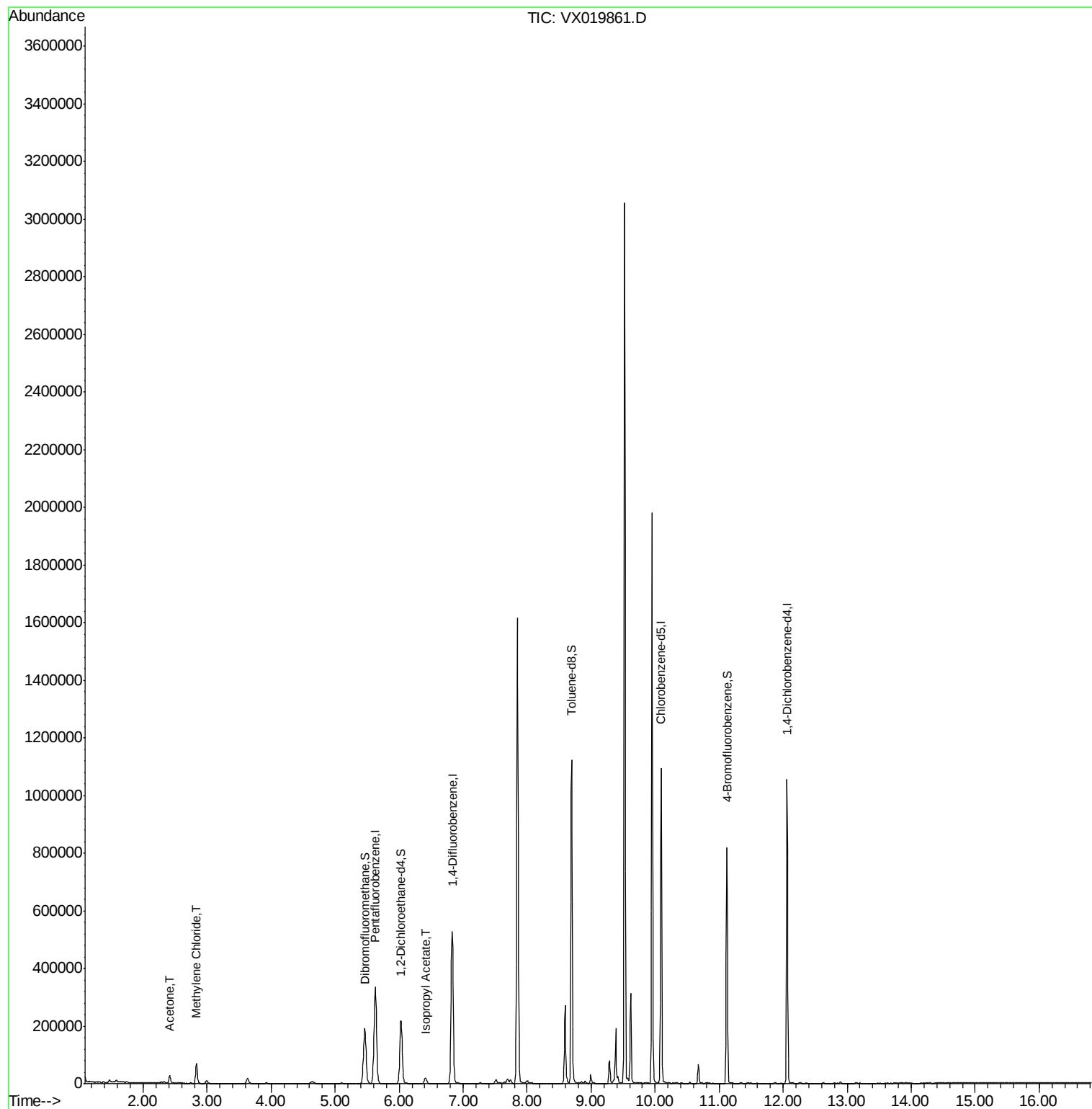
Target Compounds					Qvalue
16) Acetone	2.42	43	26447	16.580 ug/l	99
20) Methylene Chloride	2.83	84	34443	8.271 ug/l	98
43) Isopropyl Acetate	6.41	43	25076	3.108 ug/l	99

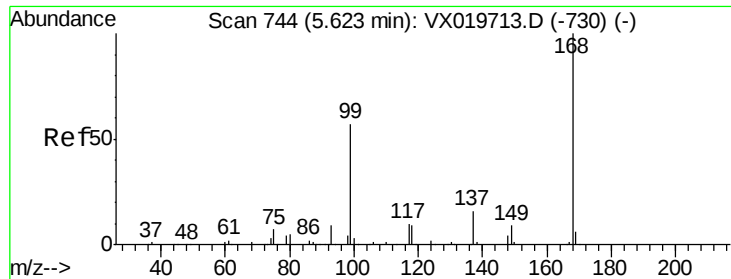
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019861.D

Acq: 11 Dec 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

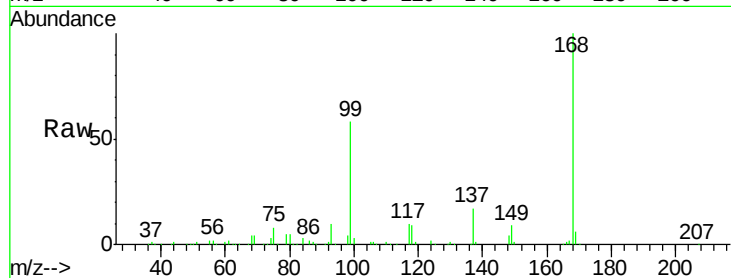
TR3-A-BOTTOM

Tot Ion:168 Resp: 322898

Ion Ratio Lower Upper

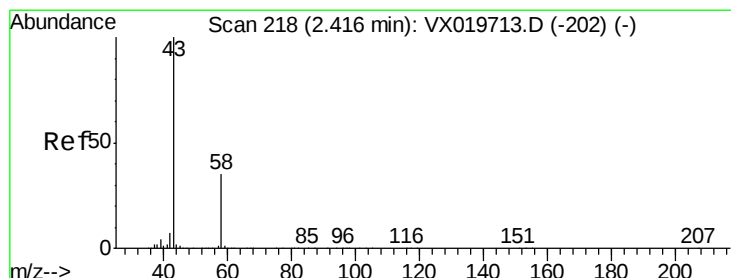
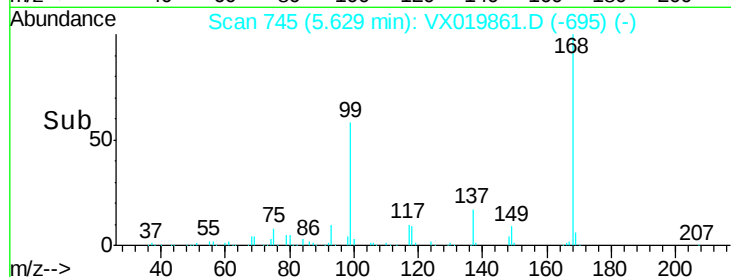
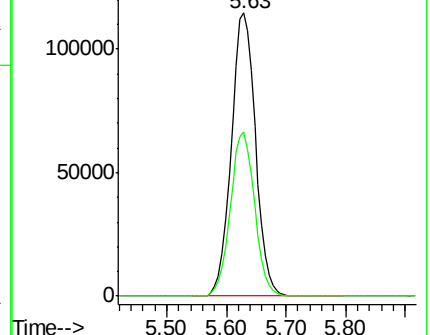
168 100

99 58.2 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: 16.580 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019861.D

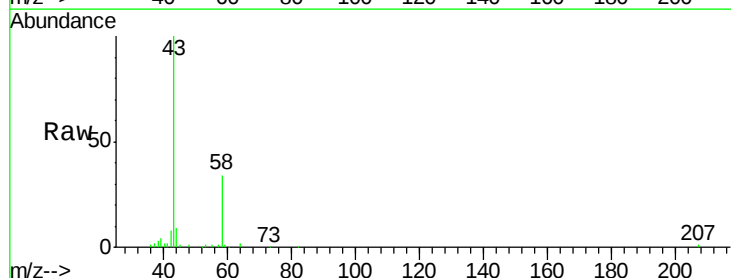
Acq: 11 Dec 2020 06:13

Tgt Ion: 43 Resp: 26447

Ion Ratio Lower Upper

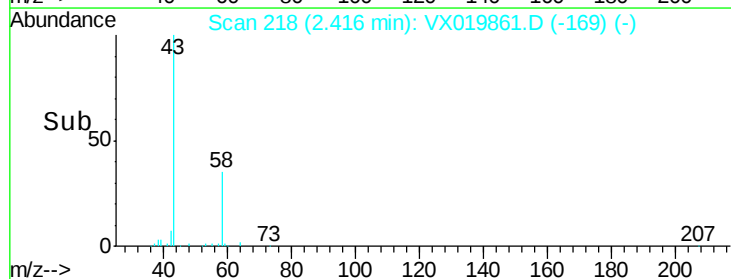
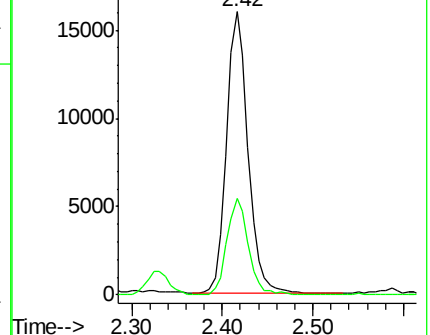
43 100

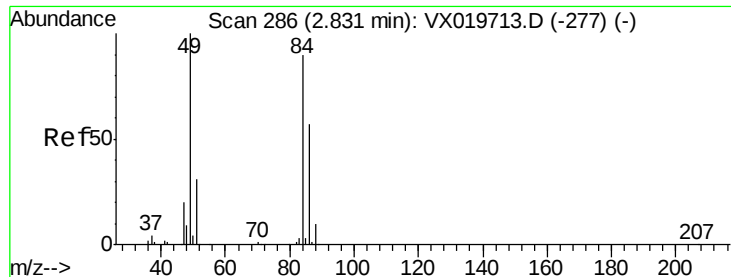
58 34.4 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



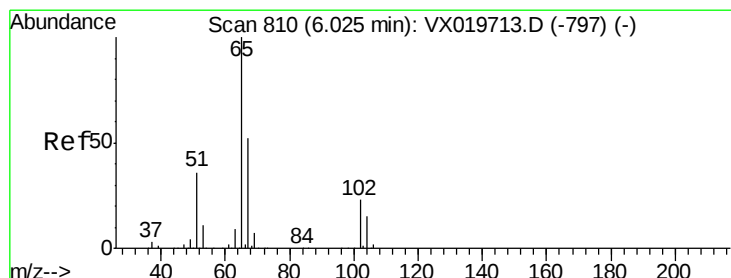
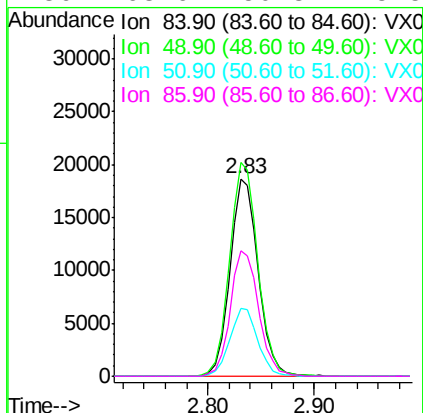
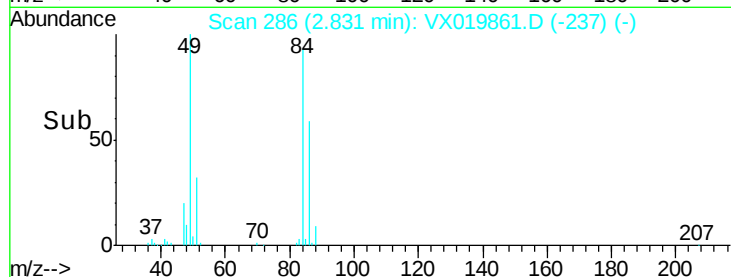
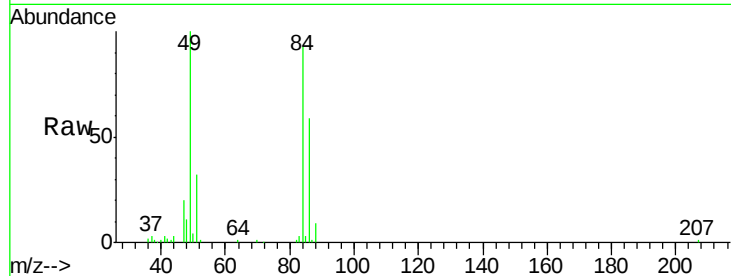


#20
Methvlene Chloride
Concen: 8.271 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019861.D
Acq: 11 Dec 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
TR3-A-BOTTOM

Tot Ion: 84 Resp: 34443

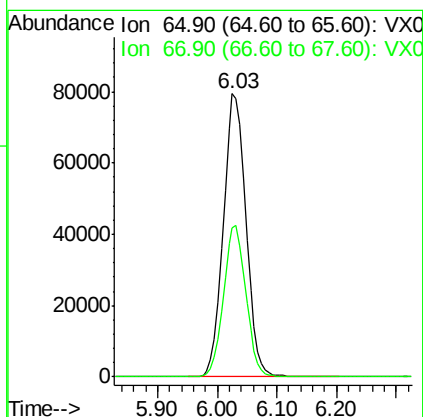
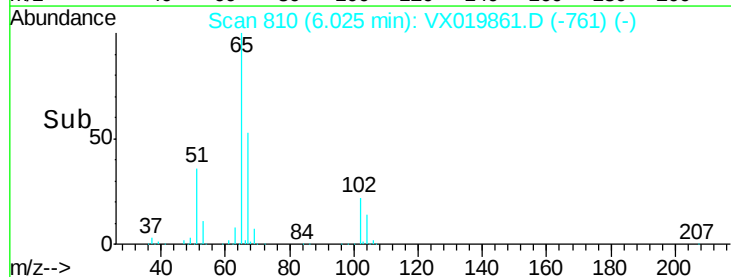
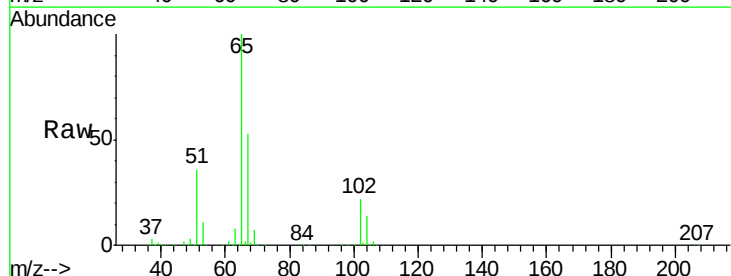
Ion	Ratio	Lower	Upper
84	100		
49	108.0	88.6	132.8
51	34.2	27.0	40.6
86	63.6	50.3	75.5

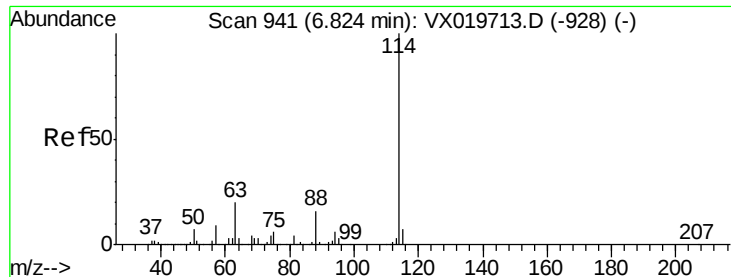


#33
1,2-Dichloroethane-d4
Concen: 49.568 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019861.D
Acq: 11 Dec 2020 06:13

Tgt Ion: 65 Resp: 210356

Ion	Ratio	Lower	Upper
65	100		
67	52.9	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: VX019861.D

Acq: 11 Dec 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

TR3-A-BOTTOM

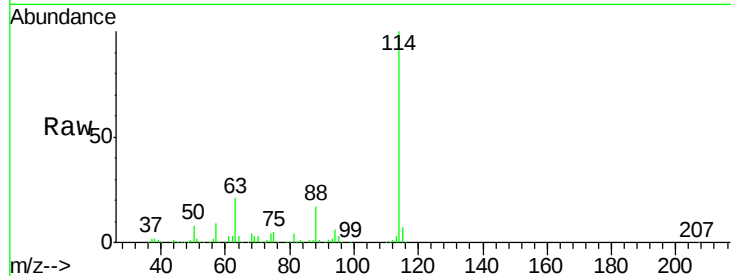
Tot Ion:114 Resp: 543953

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

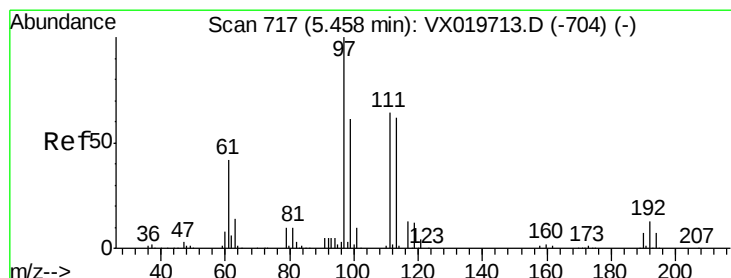
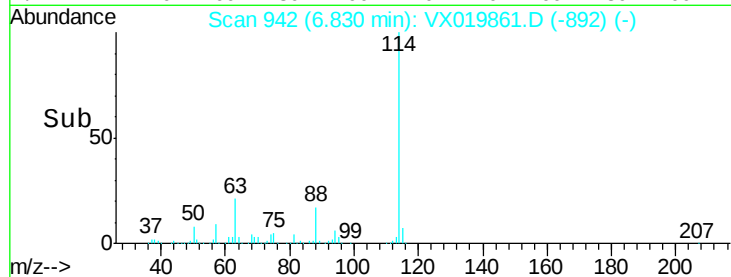
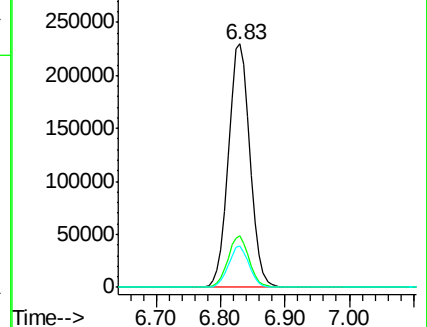
88 16.8 0.0 32.8



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: 47.689 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019861.D

Acq: 11 Dec 2020 06:13

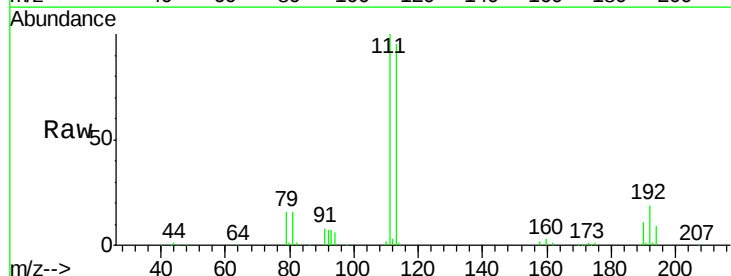
Tgt Ion:113 Resp: 167650

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

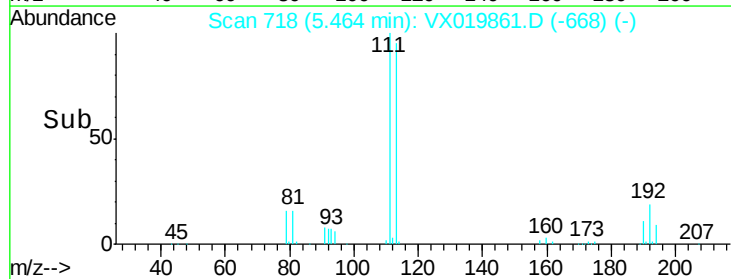
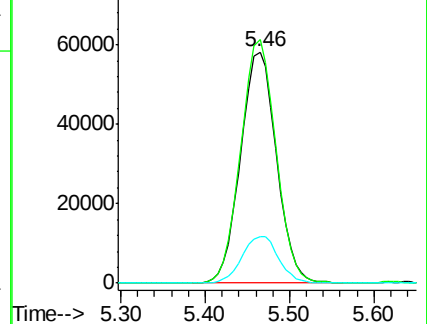
192 20.6 16.7 25.1

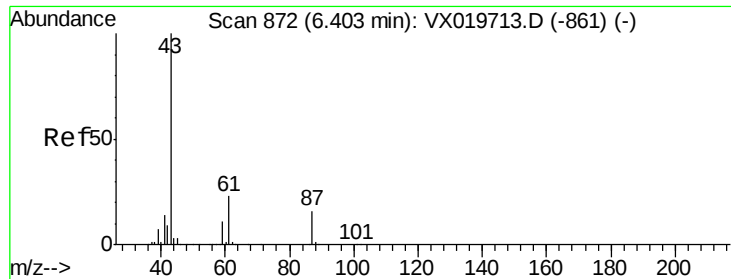


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

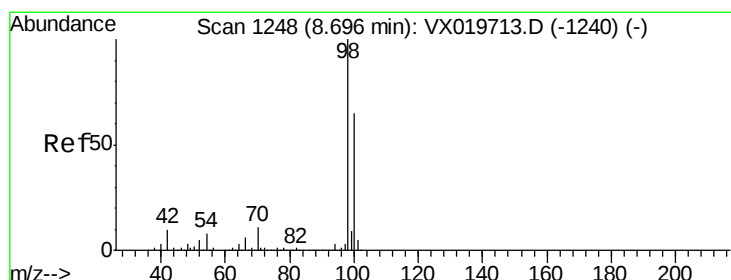
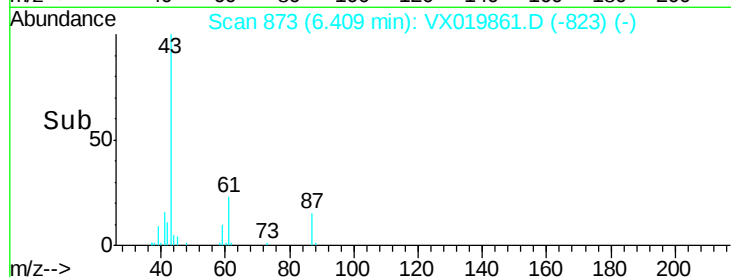
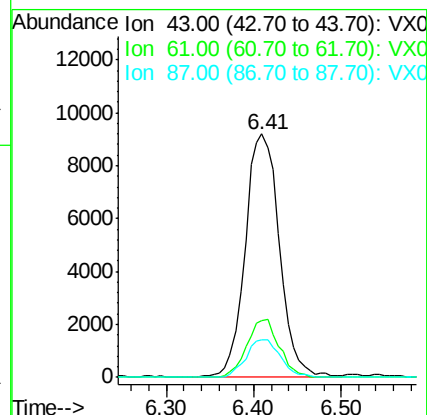
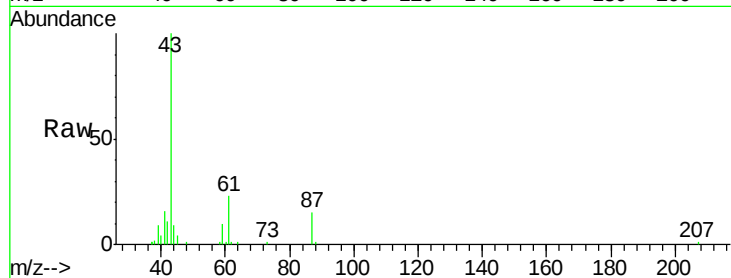




#43
Isopropyl Acetate
Concen: 3.108 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019861.D
Acq: 11 Dec 2020 06:13

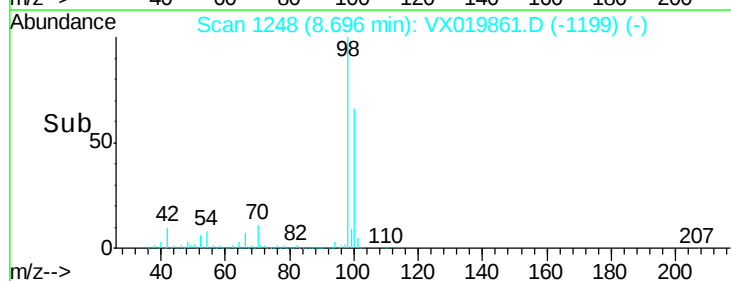
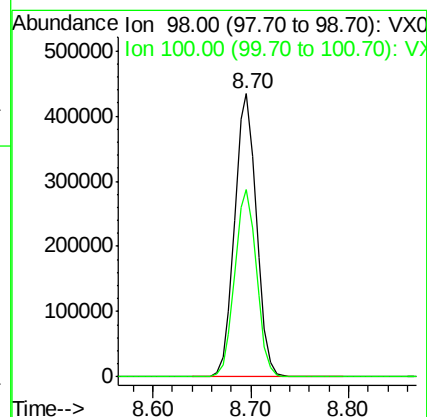
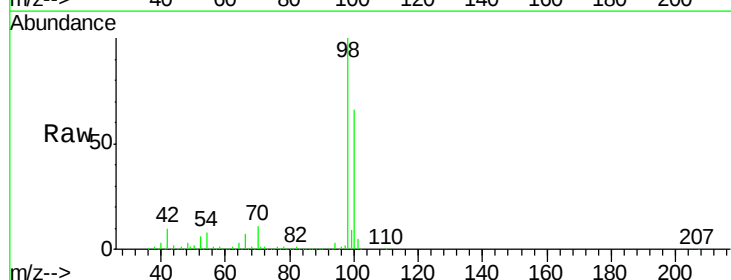
Instrument :
MSVOA_X
ClientSampleId :
TR3-A-BOTTOM

Tot Ion: 43 Resp: 25076
Ion Ratio Lower Upper
43 100
61 22.3 18.2 27.4
87 15.4 12.5 18.7



#50
Toluene-d8
Concen: 50.001 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019861.D
Acq: 11 Dec 2020 06:13

Tgt Ion: 98 Resp: 671068
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.639 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019861.D

Acq: 11 Dec 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

TR3-A-BOTTOM

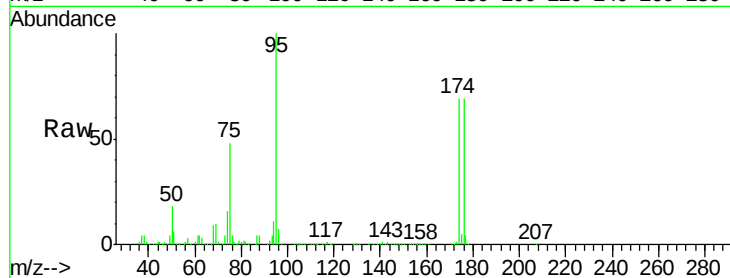
Tot Ion: 95 Resp: 233135

Ion Ratio Lower Upper

95 100

174 78.3 0.0 154.6

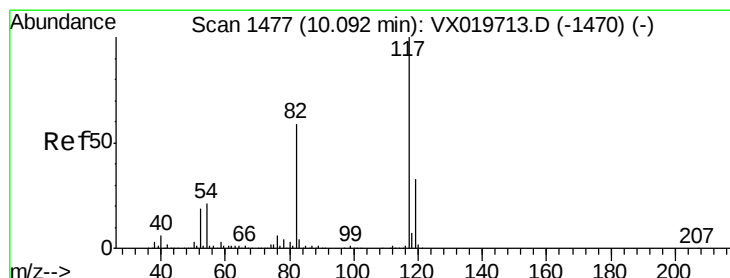
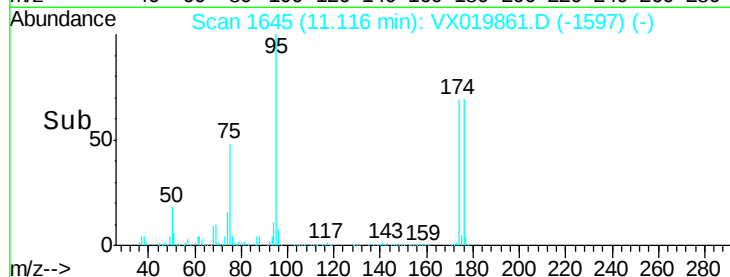
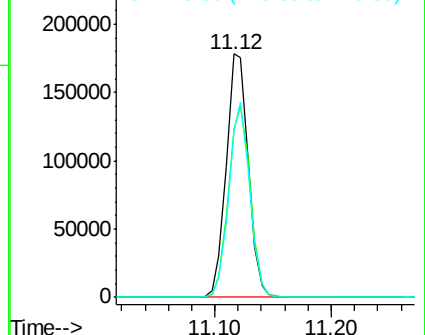
176 76.2 0.0 155.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019861.D

Acq: 11 Dec 2020 06:13

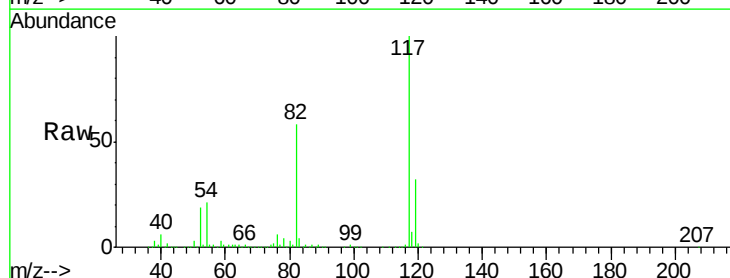
Tgt Ion: 117 Resp: 506944

Ion Ratio Lower Upper

117 100

82 57.9 47.4 71.2

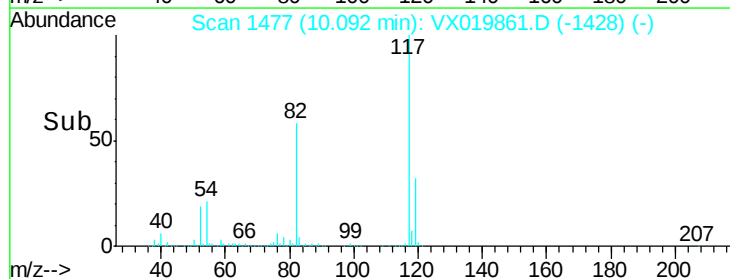
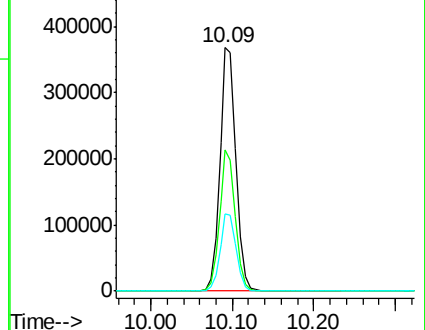
119 31.9 26.6 39.8

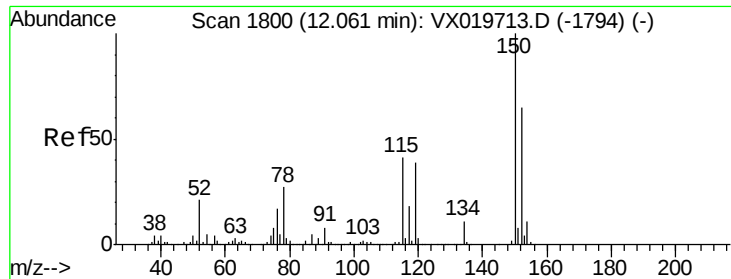


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019861.D

Acq: 11 Dec 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

TR3-A-BOTTOM

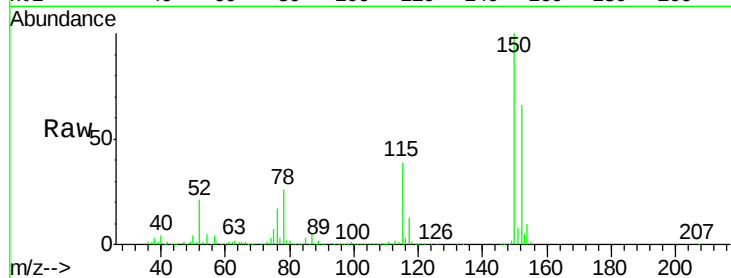
Tot Ion:152 Resp: 215507

Ion Ratio Lower Upper

152 100

115 59.9 41.1 123.3

150 157.8 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

