

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019588.D
 Acq On : 24 Nov 2020 06:38
 Operator : JC/MD
 Sample : L4848-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR5-4-TOP

Quant Time: Nov 24 07:13:37 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	5.63	168	317433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	455702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	193421	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195012	47.38	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.76%		
35) Dibromofluoromethane	5.46	113	153351	47.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.42%		
50) Toluene-d8	8.70	98	617596	48.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.84%		
62) 4-Bromofluorobenzene	11.12	95	209578	46.15	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.30%		

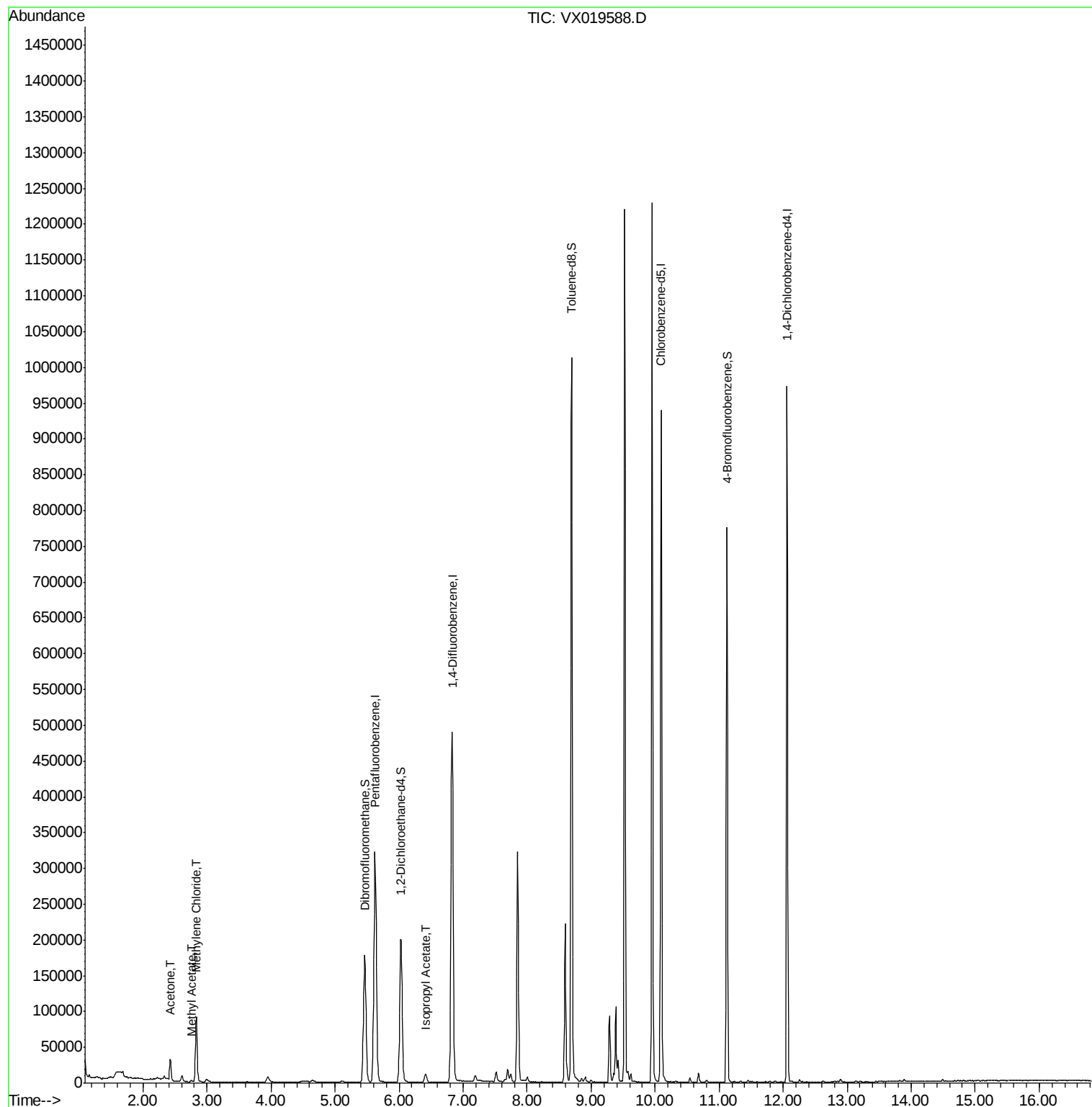
Target Compounds					Qvalue
16) Acetone	2.42	43	32478	20.405	ug/l 95
18) Methyl Acetate	2.75	43	2141	1.176	ug/l 97
20) Methylene Chloride	2.83	84	45172	11.355	ug/l 96
43) Isopropyl Acetate	6.41	43	15765	2.059	ug/l 99

(#) = 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. -0.00 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

Instrument :

MSVOA_X

ClientSampled :

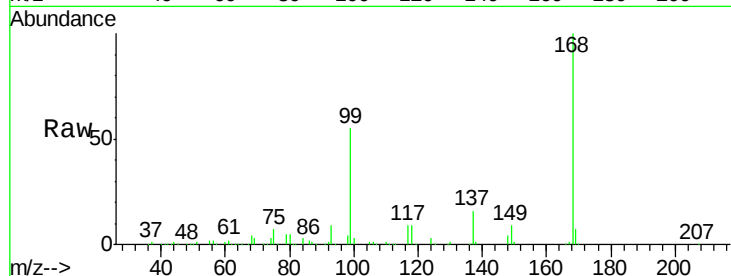
TR5-4-TOP

Tot Ion:168 Resp: 317433

Ion Ratio Lower Upper

168 100

99 54.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

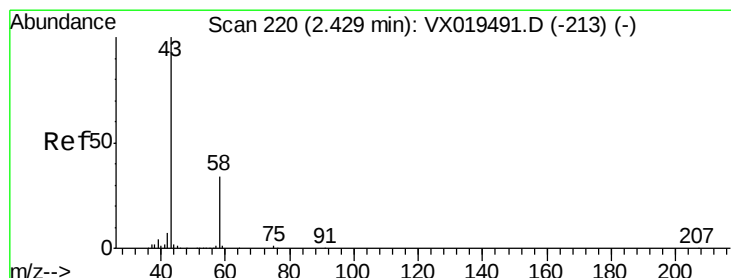
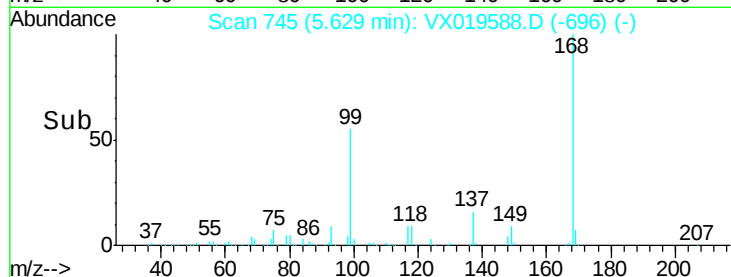
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 20.405 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019588.D

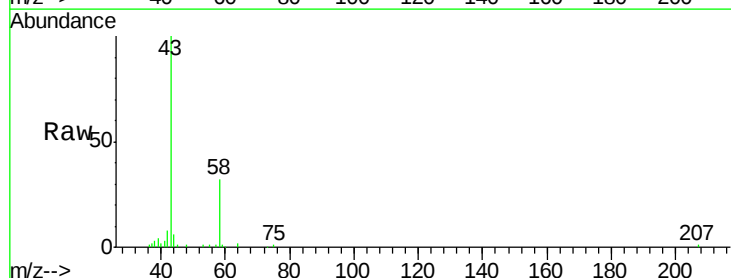
Acq: 24 Nov 2020 06:38

Tgt Ion: 43 Resp: 32478

Ion Ratio Lower Upper

43 100

58 31.7 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

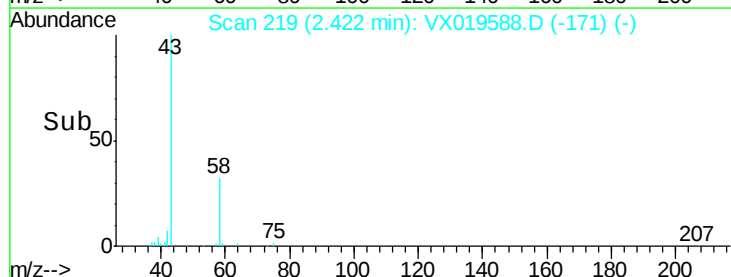
15000

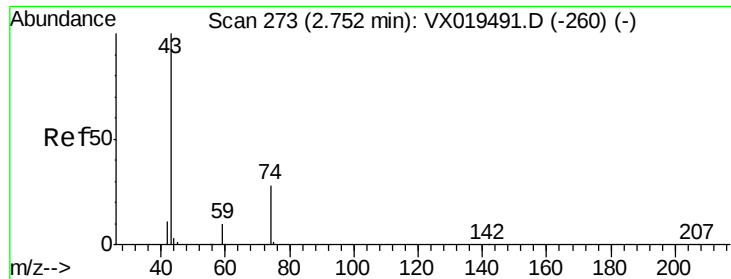
10000

5000

0

Time-->

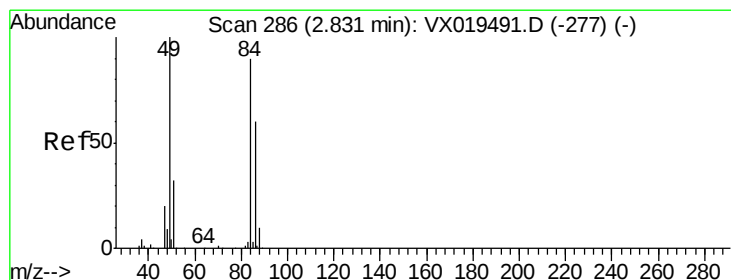
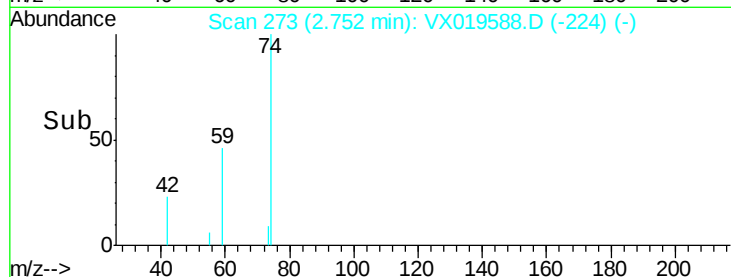
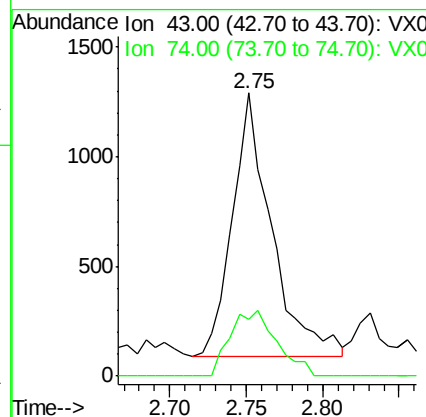
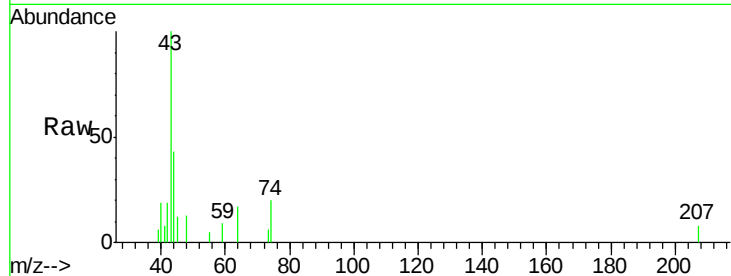




#18
Methvl Acetate
Concen: 1.176 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019588.D
Acq: 24 Nov 2020 06:38

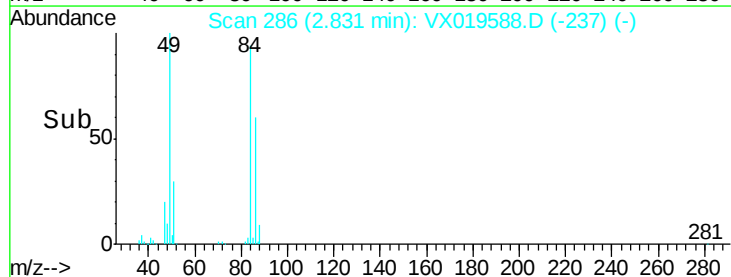
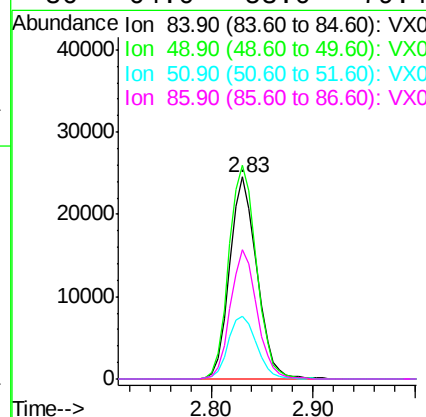
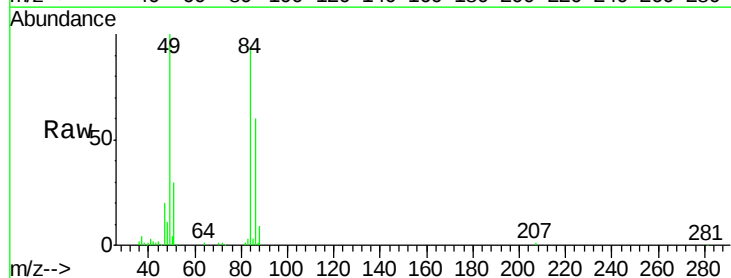
Instrument :
MSVOA_X
ClientSampled :
TR5-4-TOP

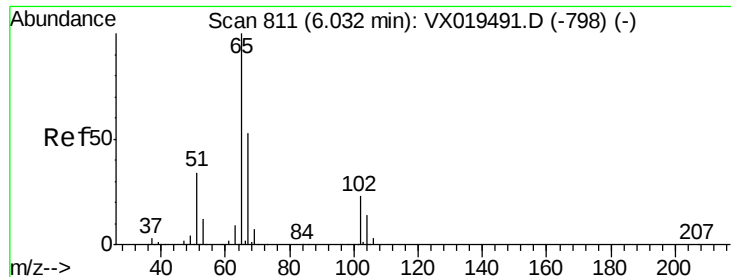
Tot Ion: 43 Resp: 2141
Ion Ratio Lower Upper
43 100
74 29.5 22.2 33.4



#20
Methylene Chloride
Concen: 11.355 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019588.D
Acq: 24 Nov 2020 06:38

Tgt Ion: 84 Resp: 45172
Ion Ratio Lower Upper
84 100
49 105.9 88.5 132.7
51 31.3 28.0 42.0
86 64.0 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 47.381 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

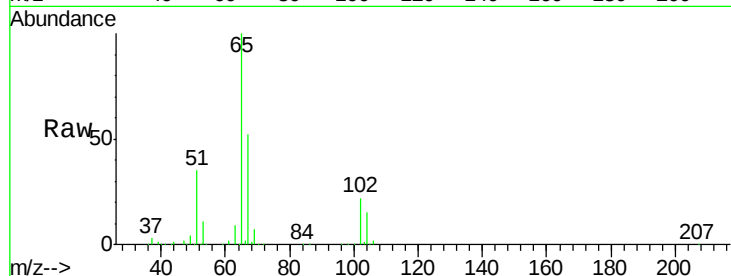
TR5-4-TOP

Tot Ion: 65 Resp: 195012

Ion Ratio Lower Upper

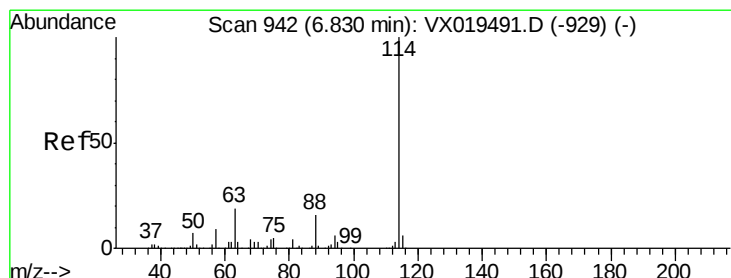
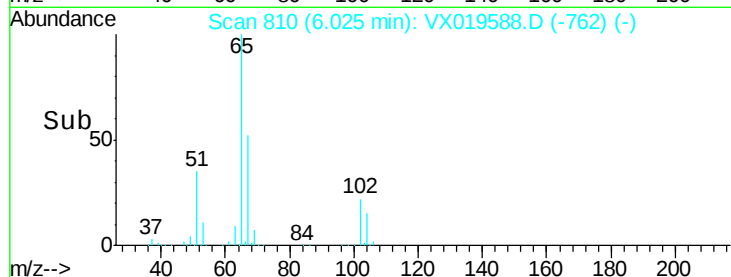
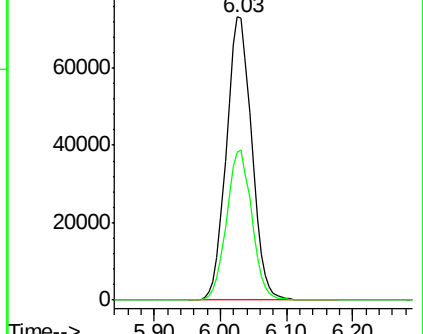
65 100

67 52.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

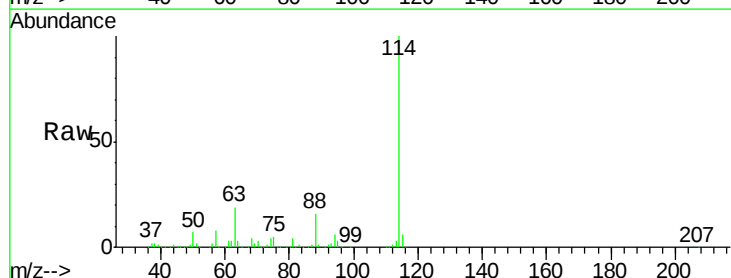
Tgt Ion: 114 Resp: 517524

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

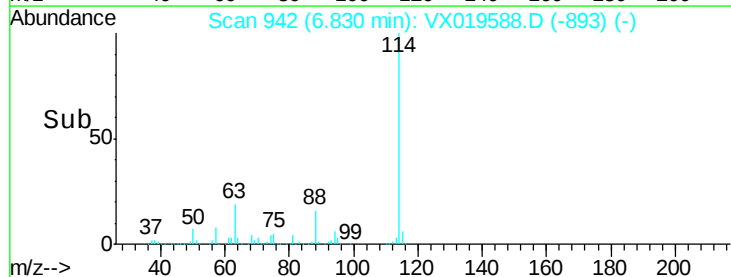
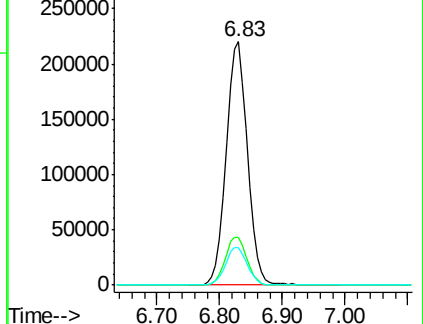
88 15.6 0.0 31.6

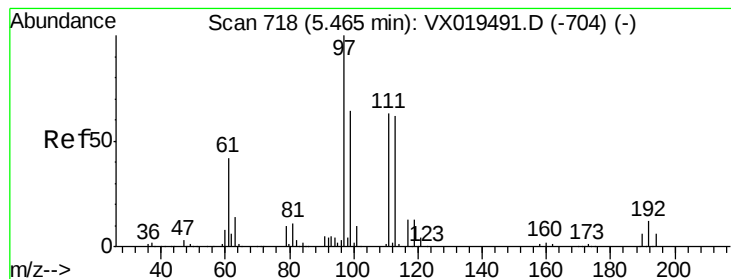


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.207 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

TR5-4-TOP

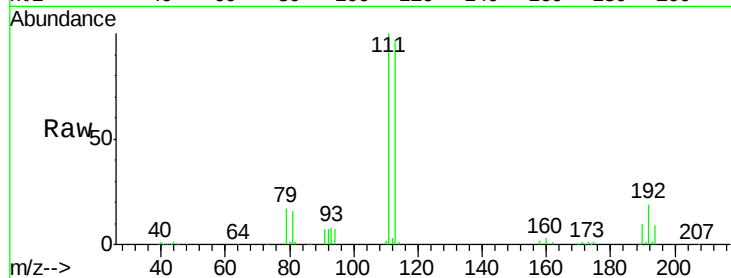
Tot Ion:113 Resp: 153351

Ion Ratio Lower Upper

113 100

111 103.0 81.5 122.3

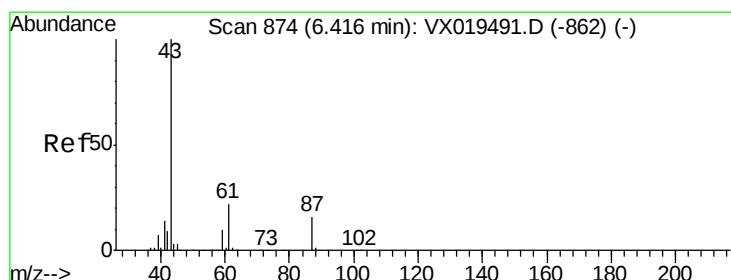
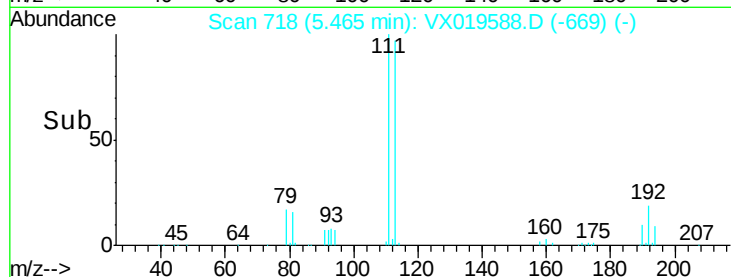
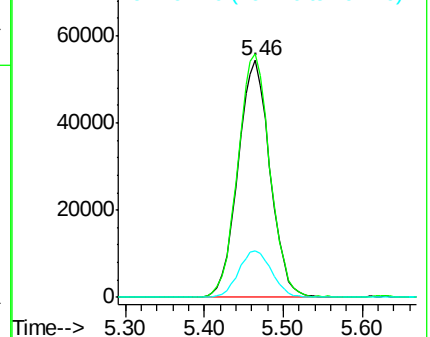
192 20.3 16.2 24.2



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



#43

Isopropyl Acetate

Concen: 2.059 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

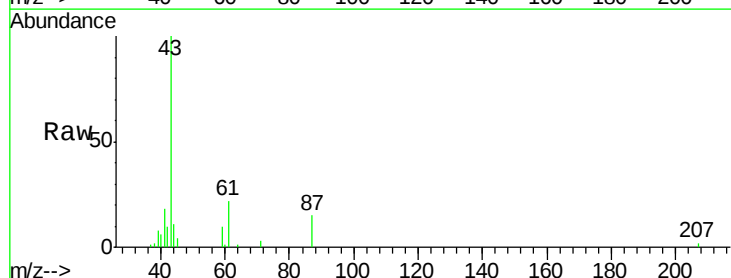
Tgt Ion: 43 Resp: 15765

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.2

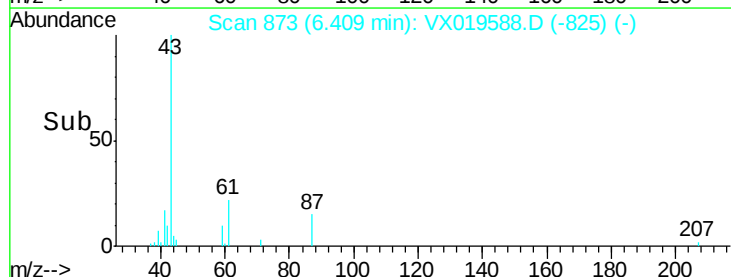
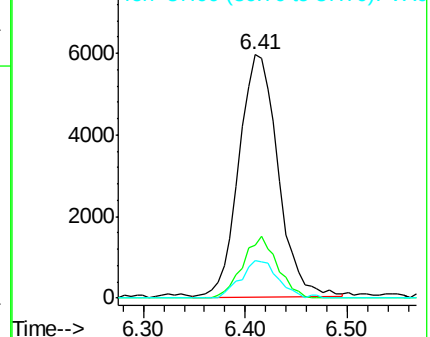
87 14.7 12.6 18.8

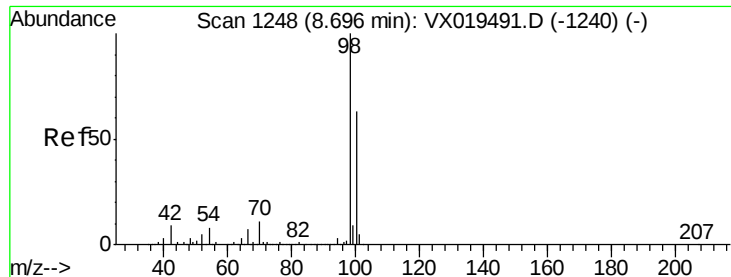


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 48.925 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

Instrument :

MSVOA_X

ClientSampleId :

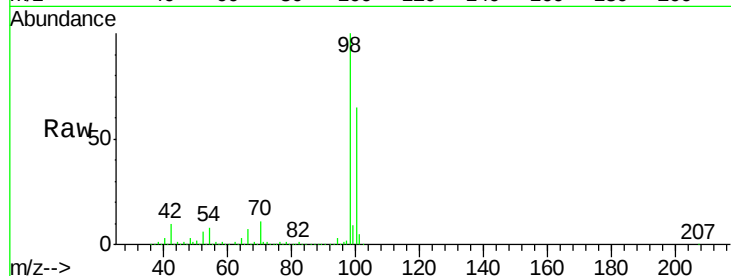
TR5-4-TOP

Tot Ion: 98 Resp: 617596

Ion Ratio Lower Upper

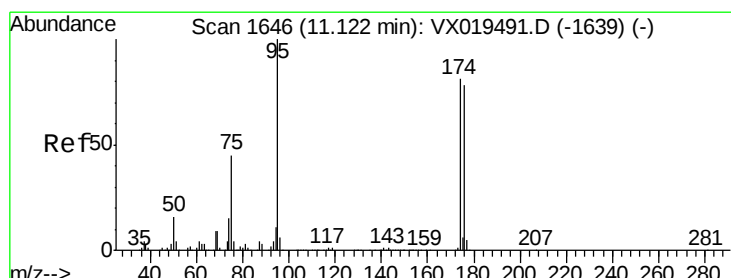
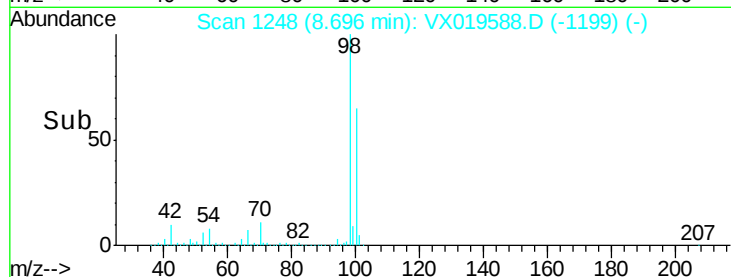
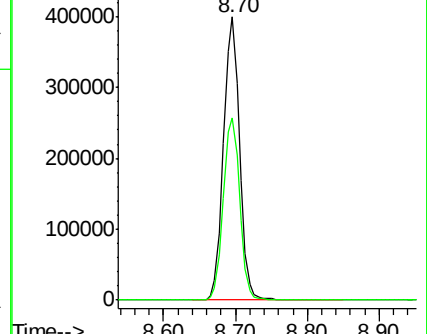
98 100

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): VX



#62

4-Bromofluorobenzene

Concen: 46.145 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019588.D

Acq: 24 Nov 2020 06:38

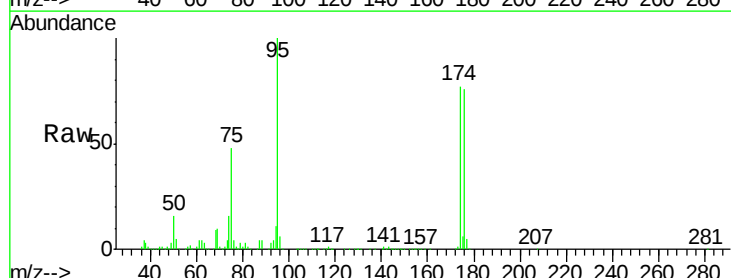
Tgt Ion: 95 Resp: 209578

Ion Ratio Lower Upper

95 100

174 77.1 0.0 156.2

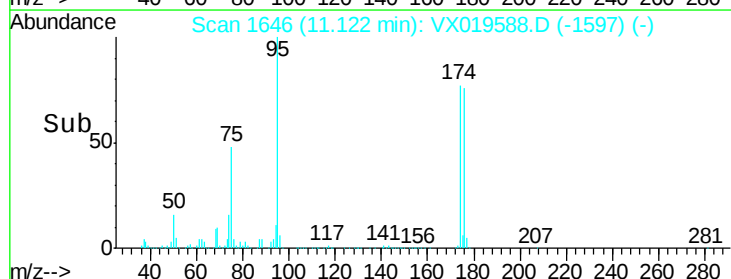
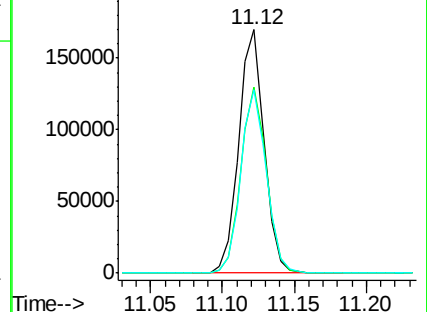
176 75.7 0.0 151.4

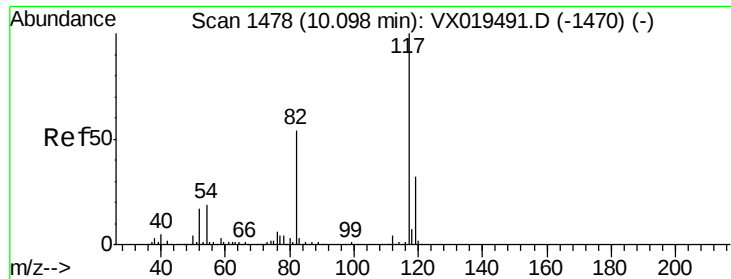


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

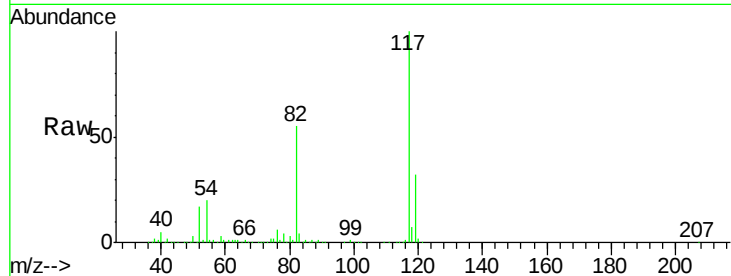




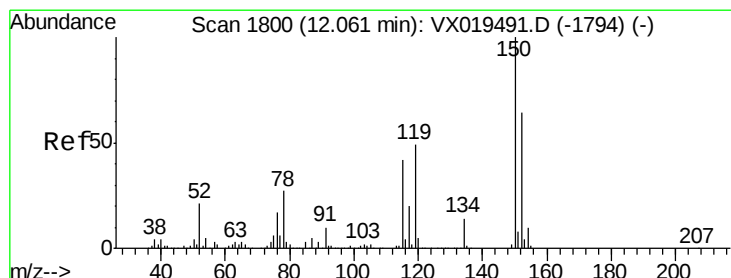
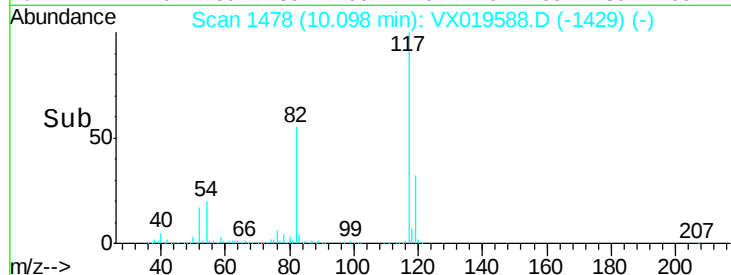
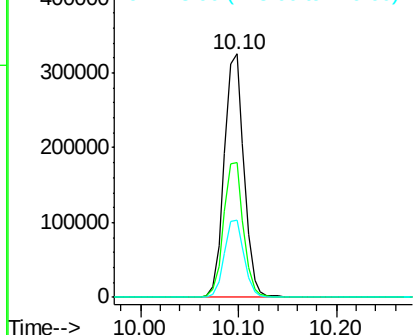
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019588.D
Acq: 24 Nov 2020 06:38

Instrument :
MSVOA_X
ClientSampleId :
TR5-4-TOP

Tot Ion:117 Resp: 455702
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 31.8 25.6 38.4

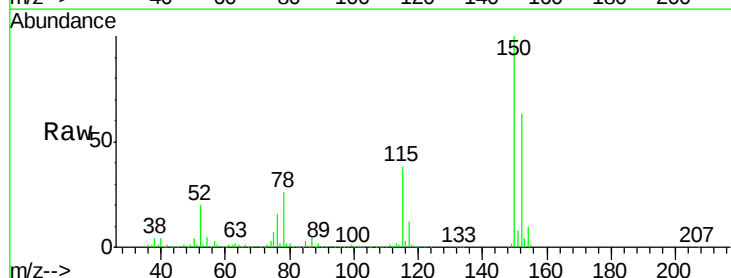


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019588.D
Acq: 24 Nov 2020 06:38

Tgt Ion:152 Resp: 193421
Ion Ratio Lower Upper
152 100
115 59.9 41.8 125.4
150 156.1 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

