

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019679.D
 Acq On : 30 Nov 2020 14:47
 Operator : JC/MD
 Sample : L4899-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-2

Quant Time: Dec 01 03:11:45 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	293343	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493122	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	176964	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.02	65	187492	49.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.60%	
35) Dibromofluoromethane		5.46	113	150298	48.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.12%	
50) Toluene-d8		8.70	98	588066	48.89	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.78%	
62) 4-Bromofluorobenzene		11.12	95	197642	45.67	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.34%	

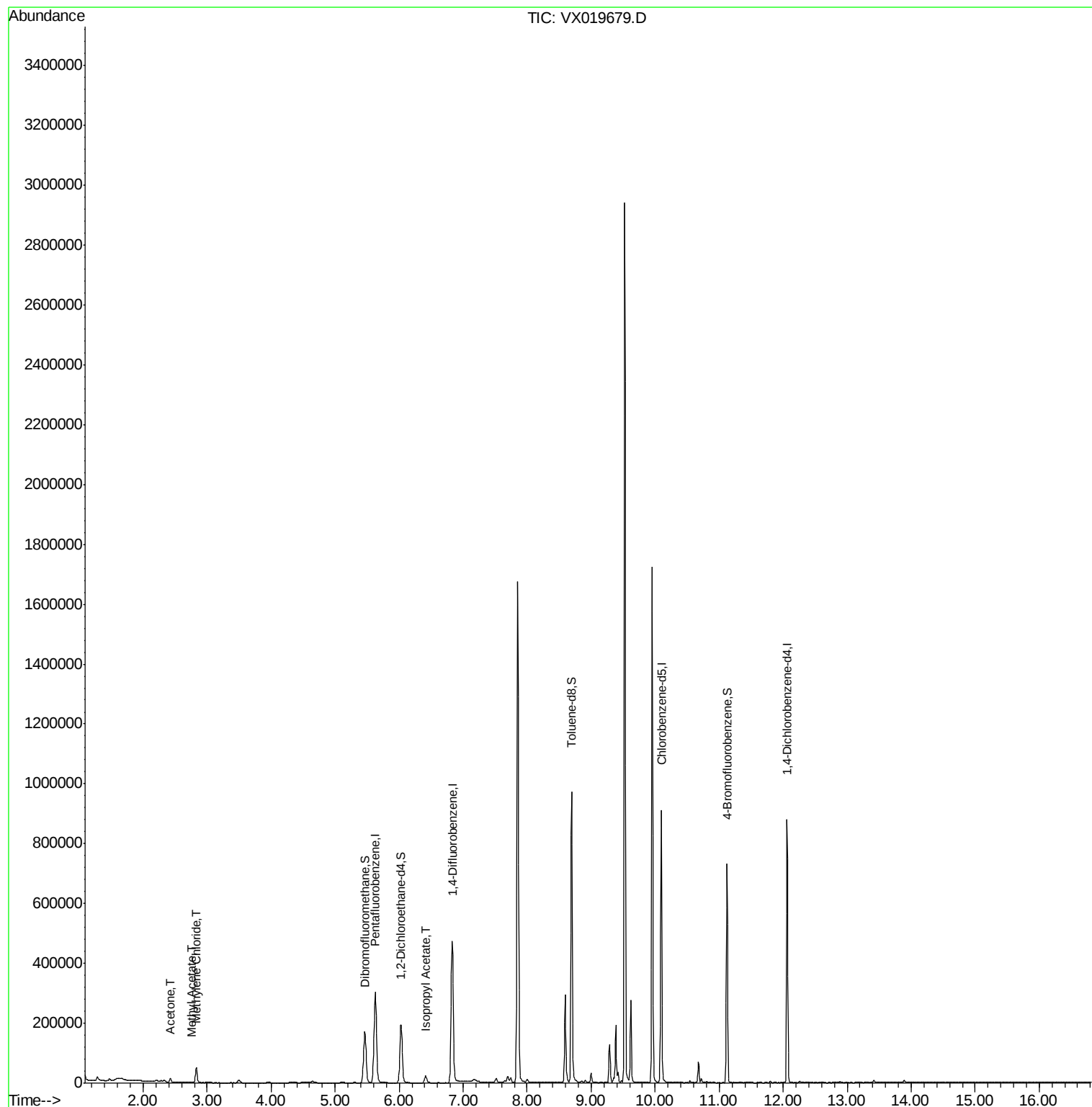
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.43	43	13834	9.405	ug/l	94
18) Methyl Acetate	2.75	43	3312	1.541	ug/l	96
20) Methylene Chloride	2.83	84	25524	6.943	ug/l	94
43) Isopropyl Acetate	6.42	43	32289	4.426	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019679.D

Acq: 30 Nov 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

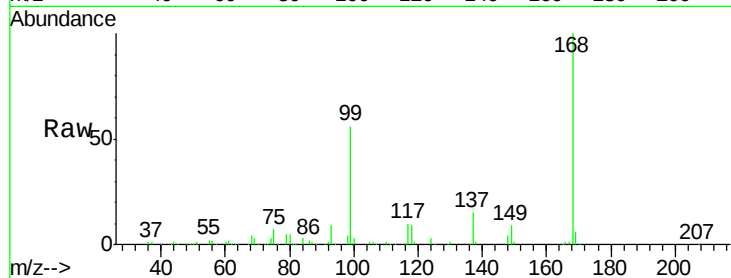
TP-1-2

Tot Ion:168 Resp: 293343

Ion Ratio Lower Upper

168 100

99 56.2 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

120000

100000

80000

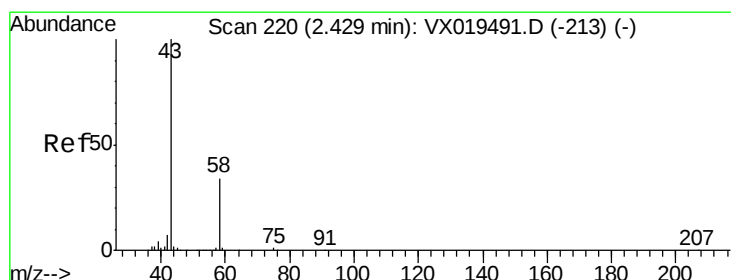
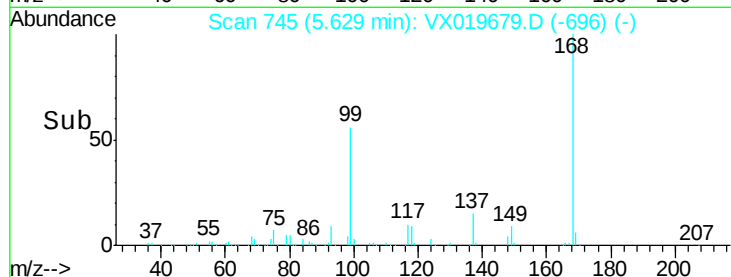
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 9.405 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019679.D

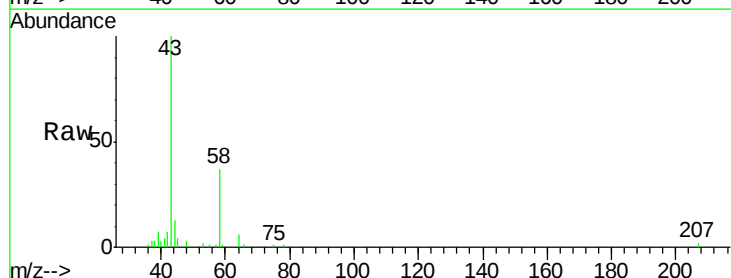
Acq: 30 Nov 2020 14:47

Tgt Ion: 43 Resp: 13834

Ion Ratio Lower Upper

43 100

58 37.9 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

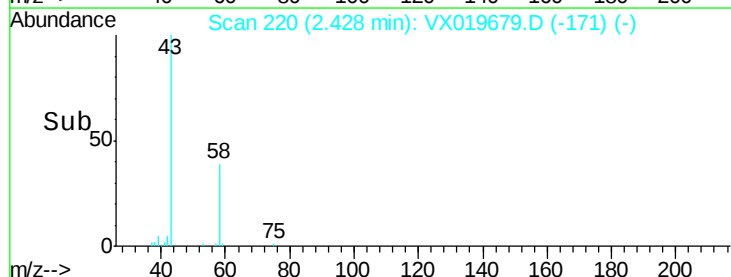
6000

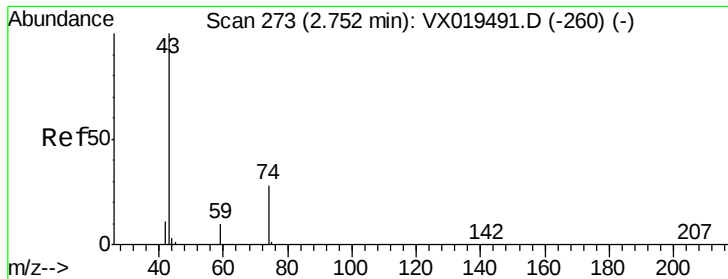
4000

2000

0

Time-->

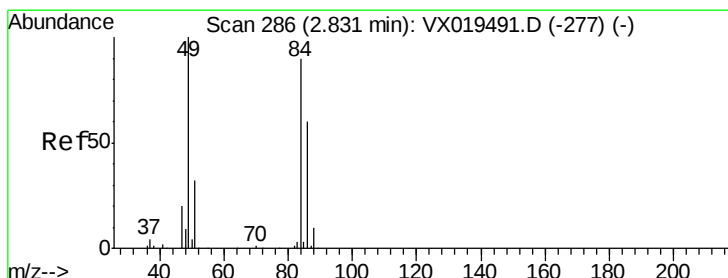
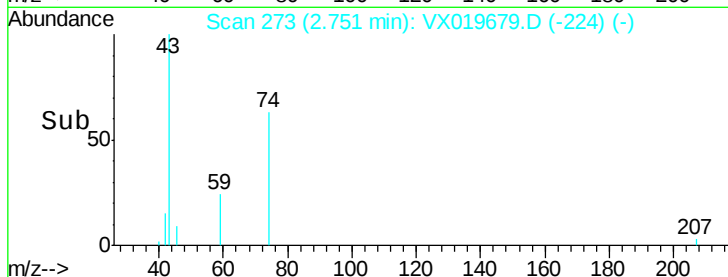
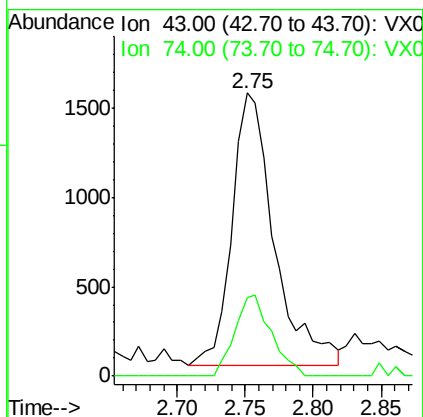
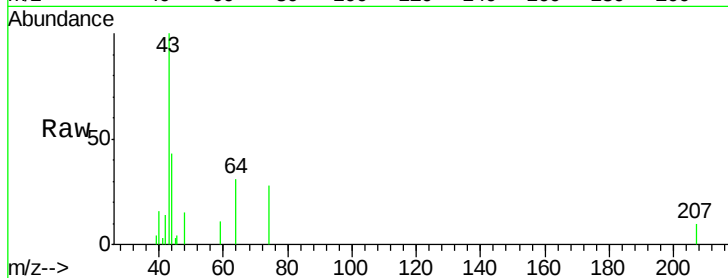




#18
Methyl Acetate
Concen: 1.541 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

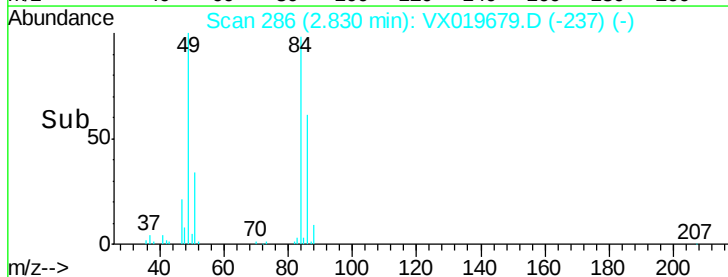
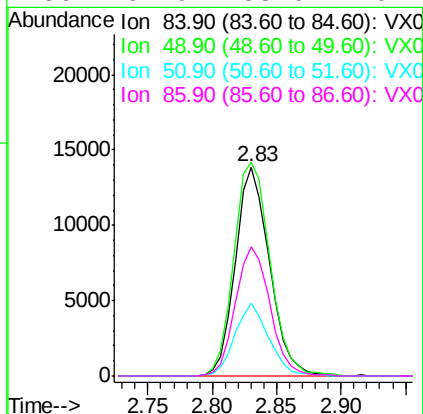
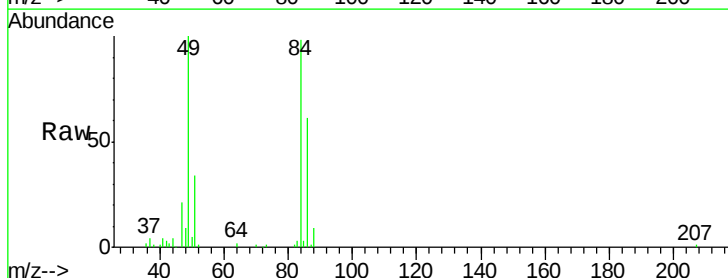
Instrument :
MSVOA_X
ClientSampled :
TP-1-2

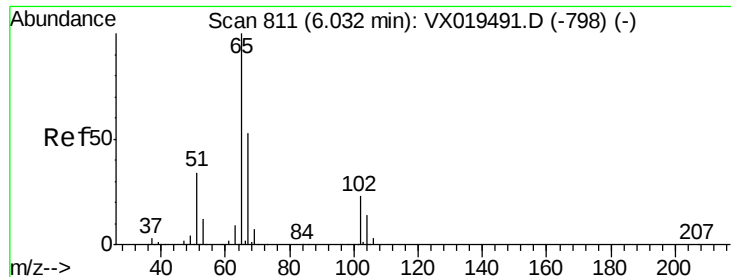
Tot Ion: 43 Resp: 3312
Ion Ratio Lower Upper
43 100
74 25.6 22.2 33.4



#20
Methylene Chloride
Concen: 6.943 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 84 Resp: 25524
Ion Ratio Lower Upper
84 100
49 102.2 88.5 132.7
51 35.1 28.0 42.0
86 61.9 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 49.295 ug/l

RT: 6.02 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019679.D

Acq: 30 Nov 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

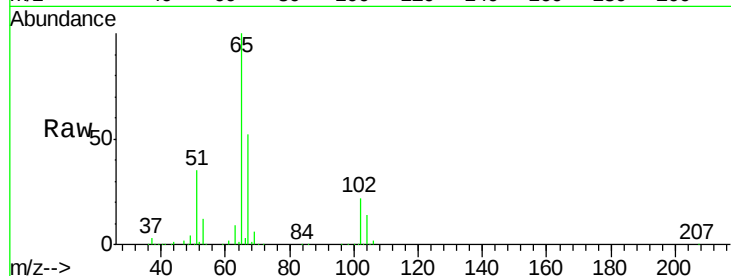
TP-1-2

Tot Ion: 65 Resp: 187492

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.02

80000

60000

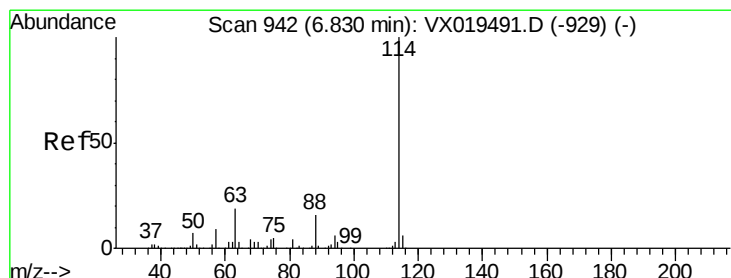
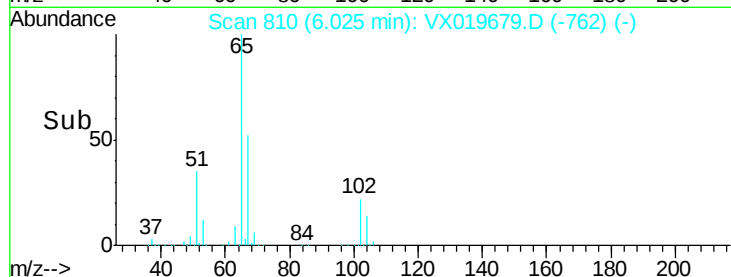
40000

20000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019679.D

Acq: 30 Nov 2020 14:47

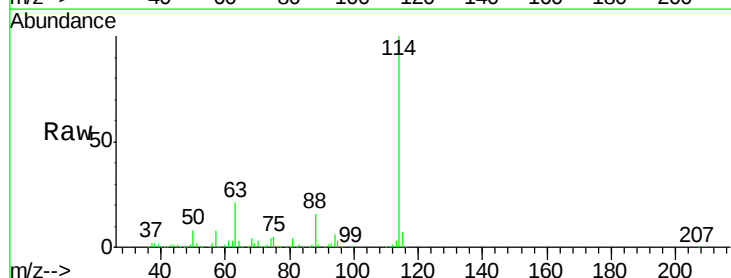
Tgt Ion: 114 Resp: 493122

Ion Ratio Lower Upper

114 100

63 20.6 0.0 38.8

88 16.3 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

6.83

250000

200000

150000

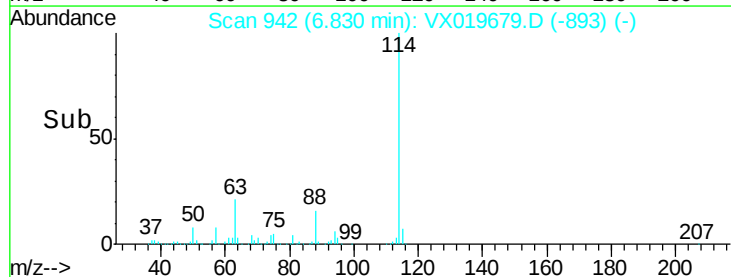
100000

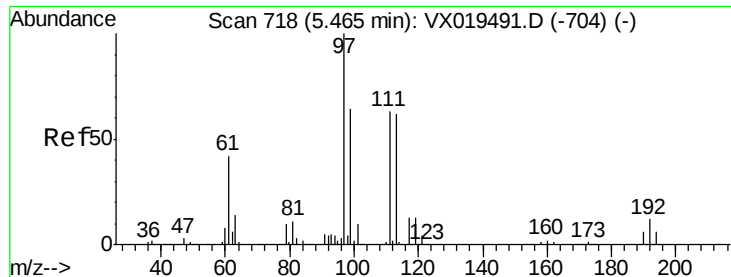
50000

0

6.80 7.00

Time-->





#35

Dibromofluoromethane

Concen: 48.556 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019679.D

Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampled :
TP-1-2

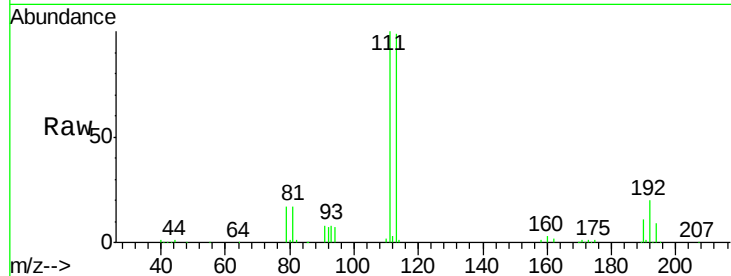
Tot Ion:113 Resp: 150298

Ion Ratio Lower Upper

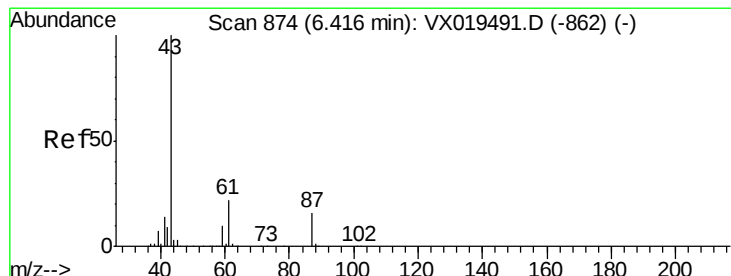
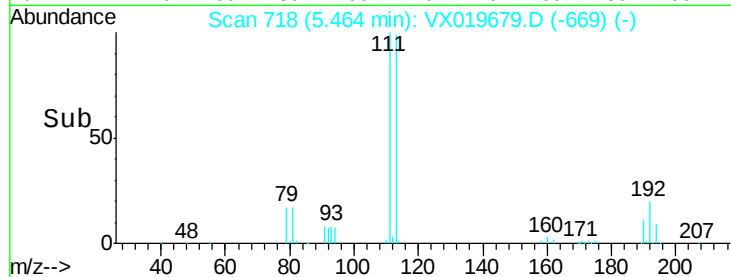
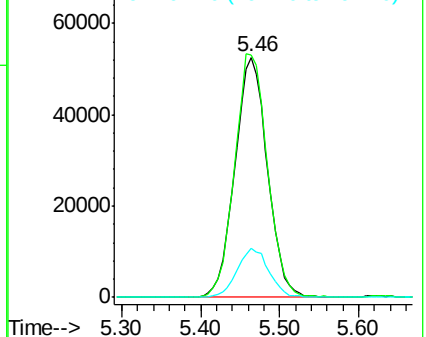
113 100

111 102.4 81.5 122.3

192 19.9 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: 4.426 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019679.D

Acq: 30 Nov 2020 14:47

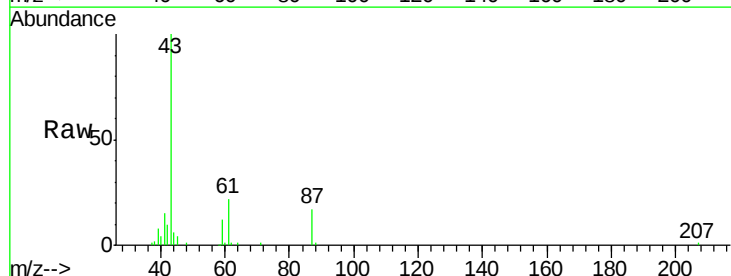
Tgt Ion: 43 Resp: 32289

Ion Ratio Lower Upper

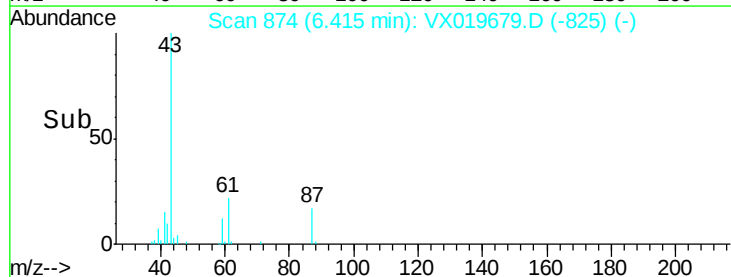
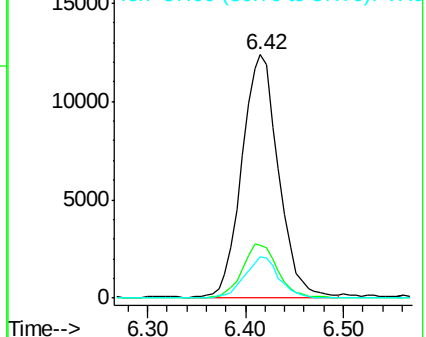
43 100

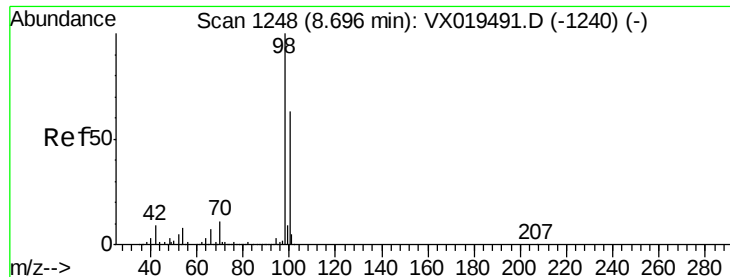
61 21.5 18.2 27.2

87 15.6 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

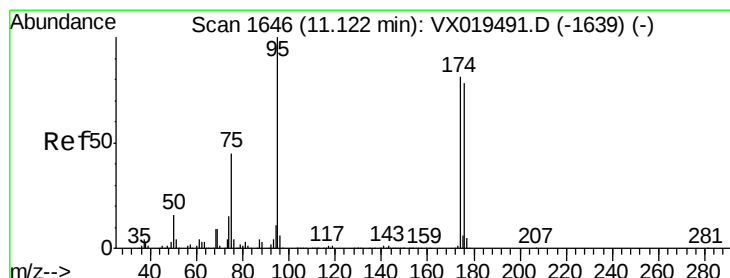
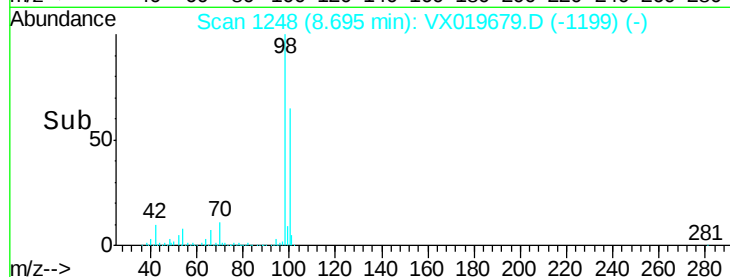
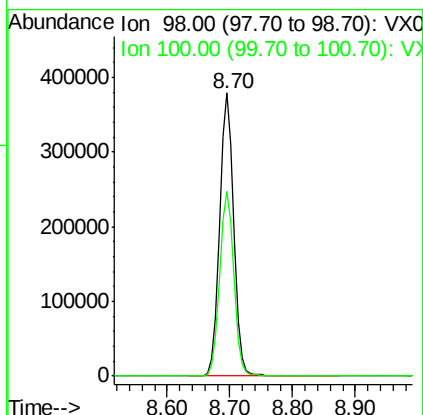
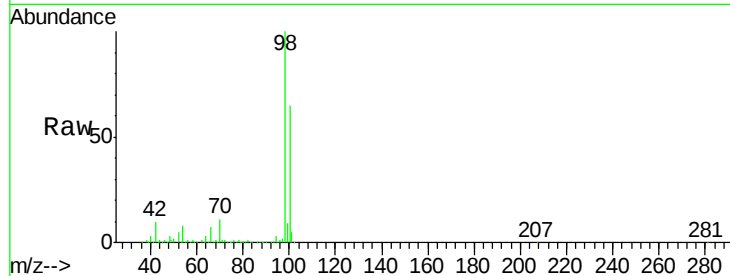




#50
Toluene-d8
Concen: 48.891 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

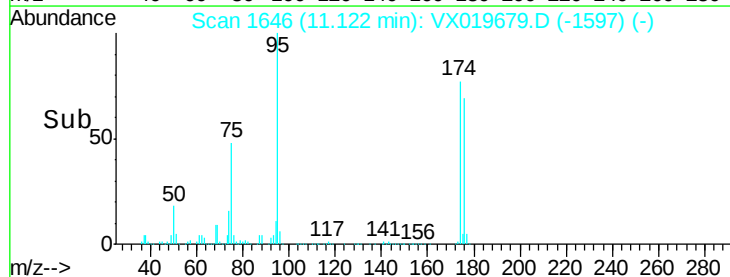
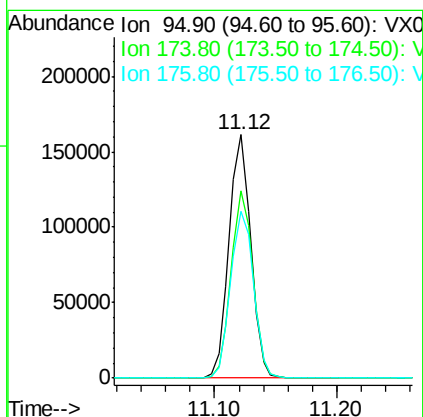
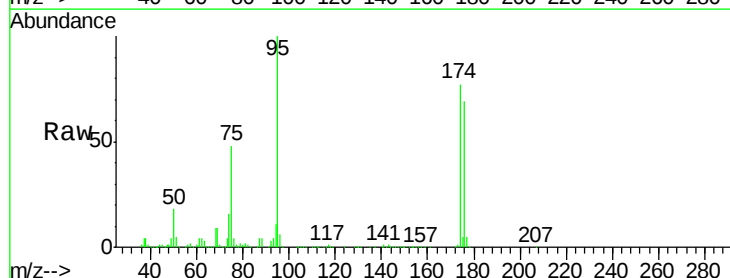
Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

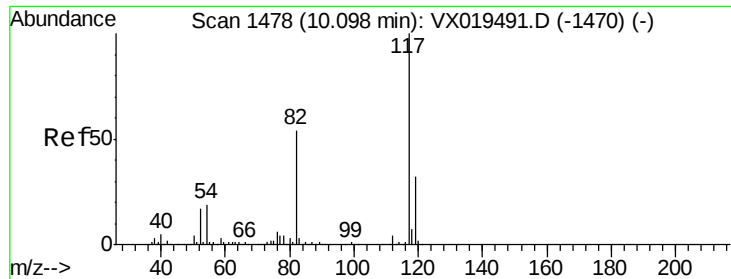
Tot Ion: 98 Resp: 588066
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.671 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion: 95 Resp: 197642
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.2
176 72.2 0.0 151.4

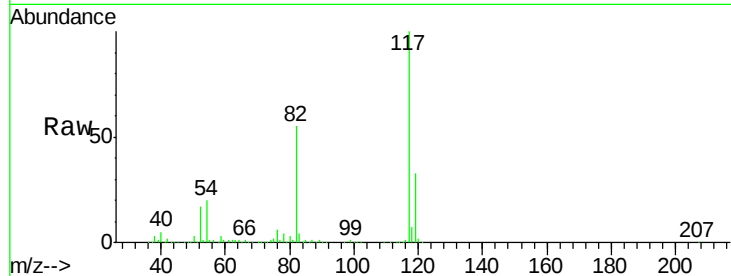




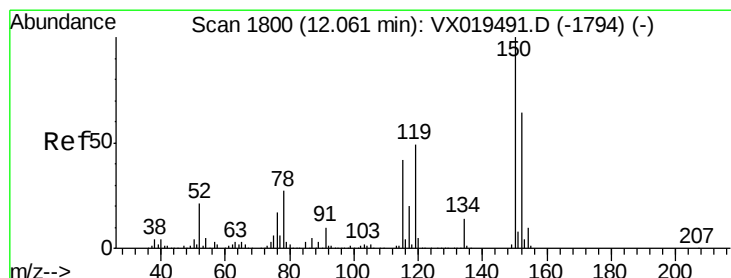
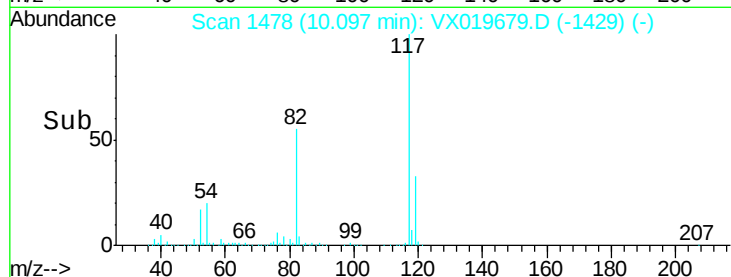
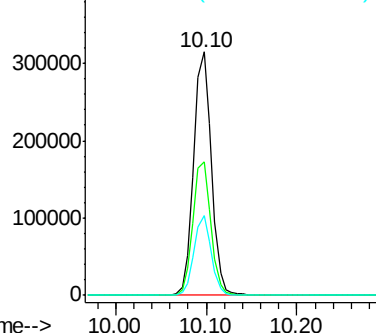
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Instrument :
MSVOA_X
ClientSampleId :
TP-1-2

Tot Ion:117 Resp: 430535
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.7 25.6 38.4

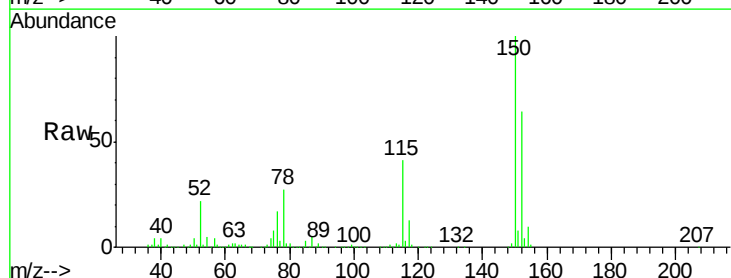


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019679.D
Acq: 30 Nov 2020 14:47

Tgt Ion:152 Resp: 176964
Ion Ratio Lower Upper
152 100
115 61.3 41.8 125.4
150 158.7 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

