

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019582.D
 Acq On : 24 Nov 2020 04:18
 Operator : JC/MD
 Sample : L4848-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR5-1-TOP

Quant Time: Nov 24 06:07:40 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	304889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	503080	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	458835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186007	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	190269	48.13	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.26%	
35) Dibromofluoromethane		5.46	113	150585	47.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.38%	
50) Toluene-d8		8.70	98	611030	49.79	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.58%	
62) 4-Bromofluorobenzene		11.12	95	209708	47.50	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	95.00%	

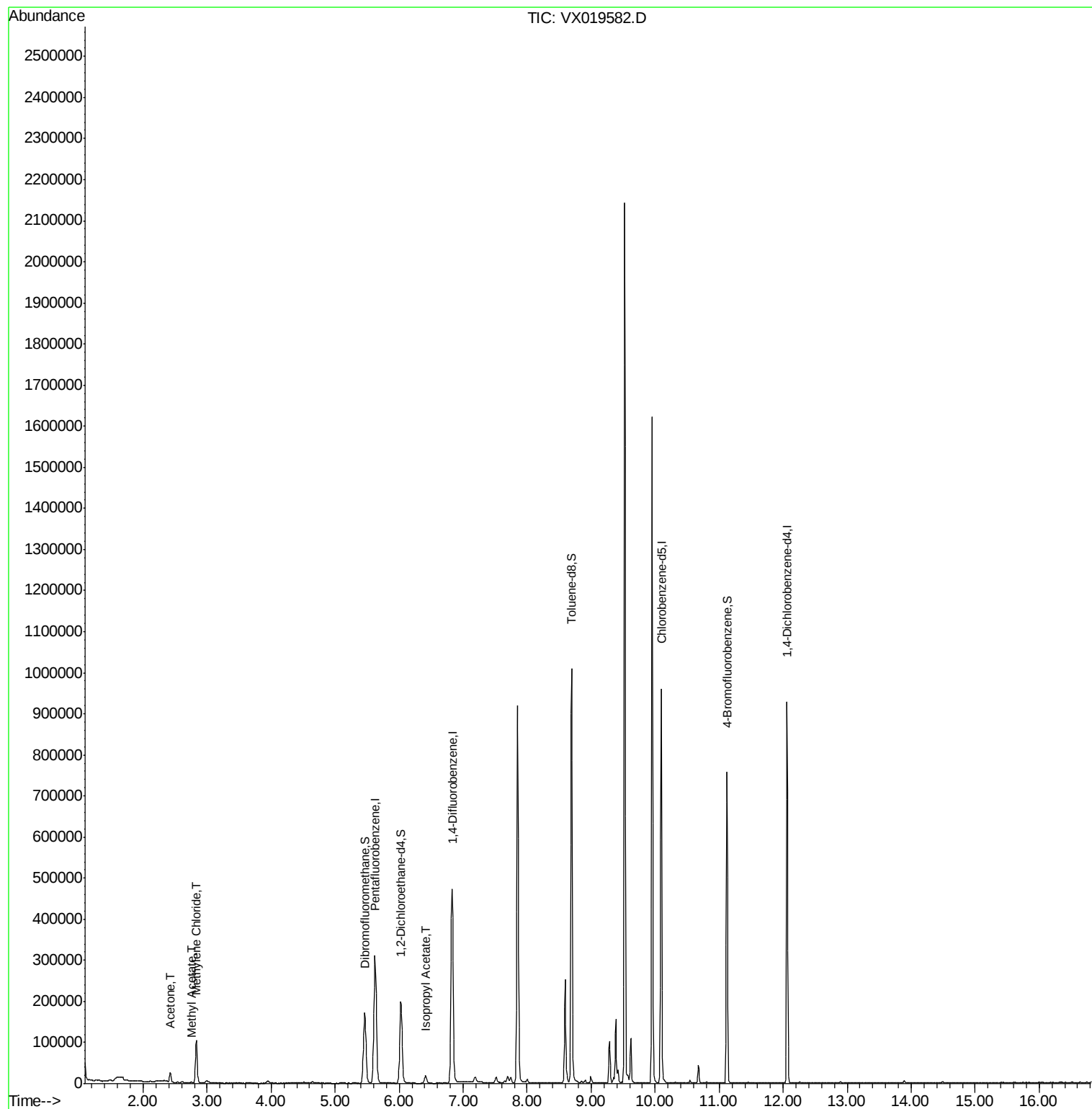
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.42	43	26274	17.187	ug/l	99
18) Methyl Acetate	2.75	43	2906	1.400	ug/l	99
20) Methylene Chloride	2.83	84	52355	13.702	ug/l	96
43) Isopropyl Acetate	6.42	43	23686	3.182	ug/l	99

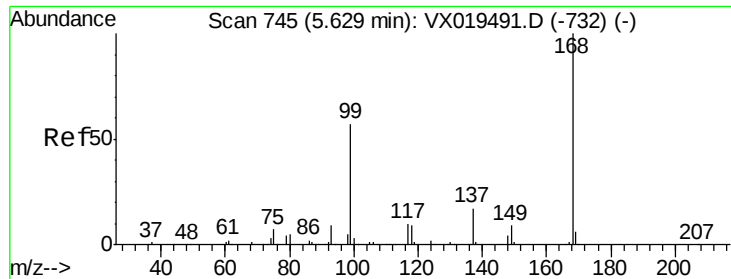
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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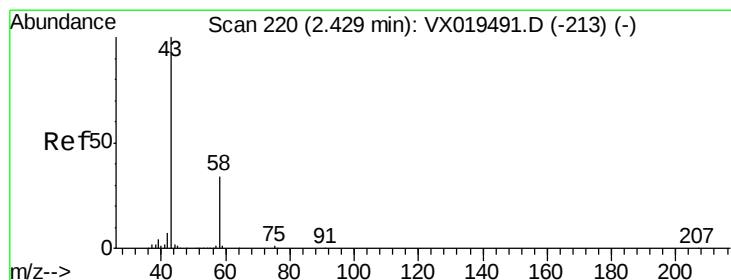
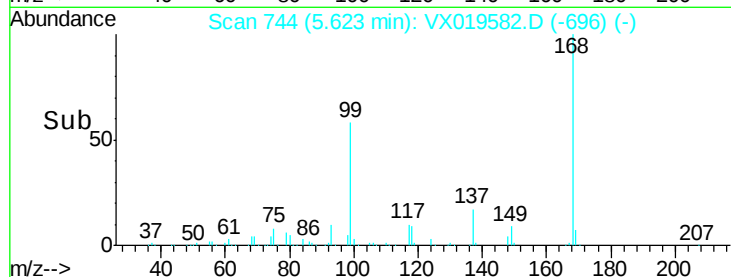
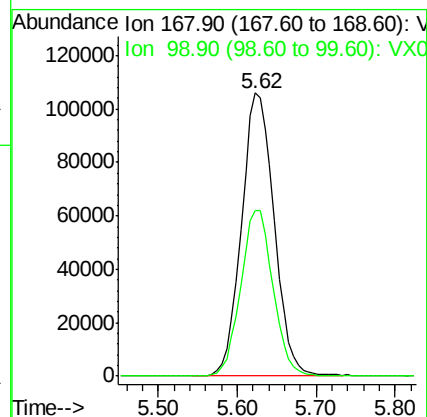
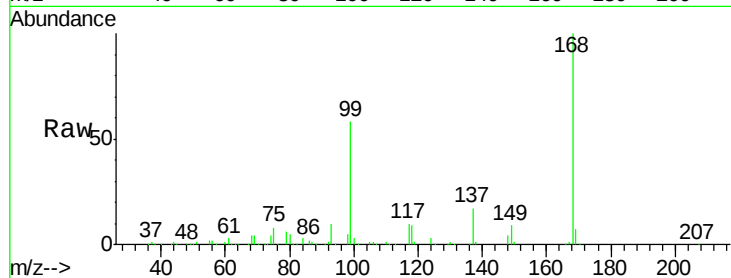




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.62 min Scan# 744
Delta R.T. -0.01 min
Lab File: VX019582.D
Acq: 24 Nov 2020 04:18

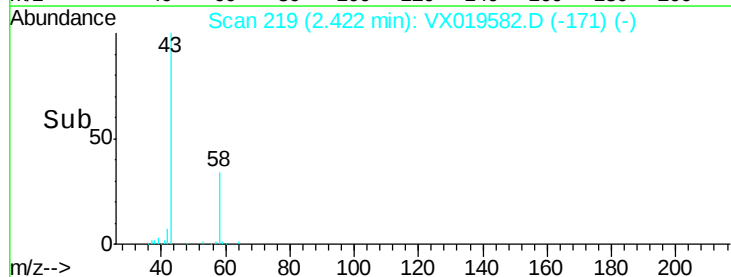
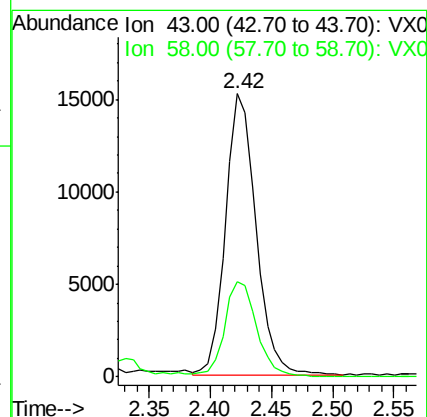
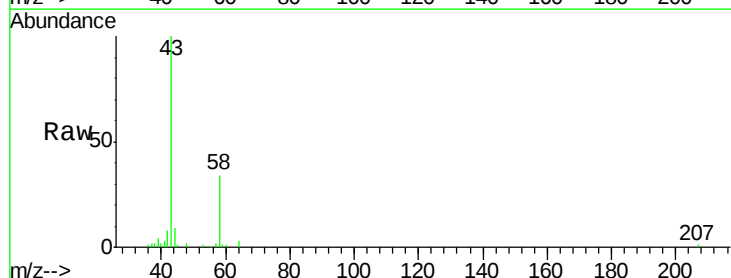
Instrument :
MSVOA_X
ClientSampleId :
TR5-1-TOP

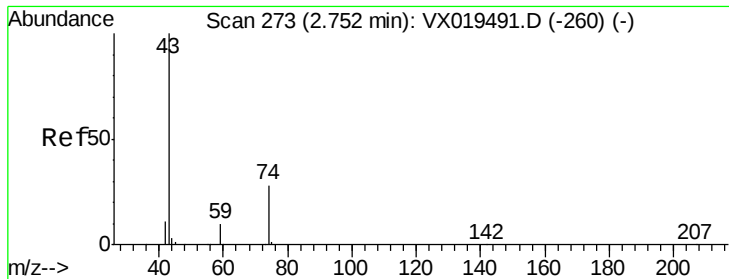
Tot Ion:168 Resp: 304889
Ion Ratio Lower Upper
168 100
99 58.3 45.8 68.6



#16
Acetone
Concen: 17.187 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX019582.D
Acq: 24 Nov 2020 04:18

Tgt Ion: 43 Resp: 26274
Ion Ratio Lower Upper
43 100
58 33.8 27.4 41.2

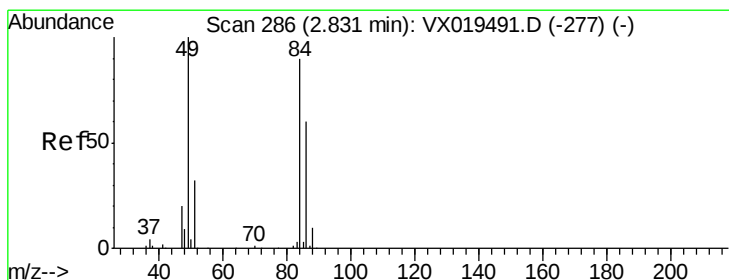
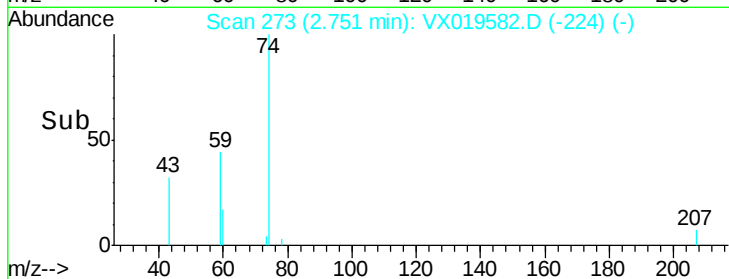
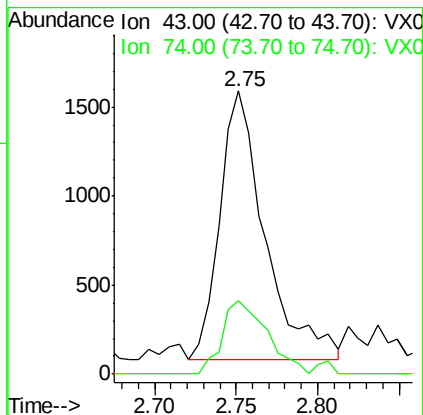
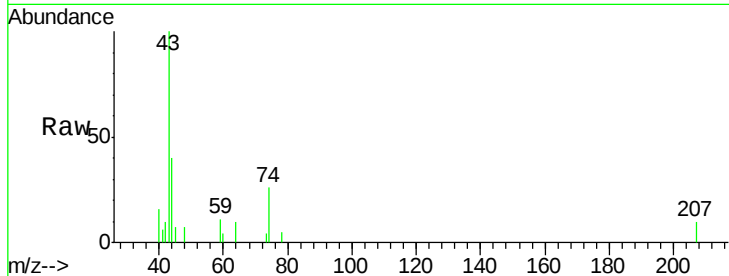




#18
Methyl Acetate
Concen: 1.400 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019582.D
Acq: 24 Nov 2020 04:18

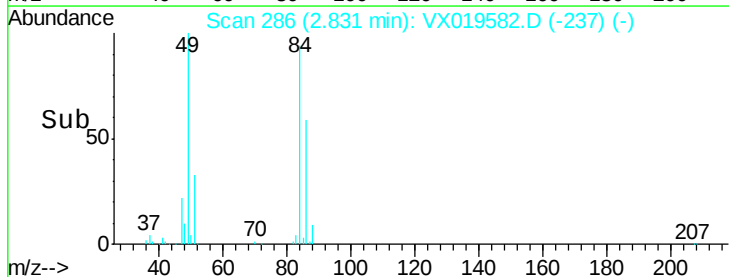
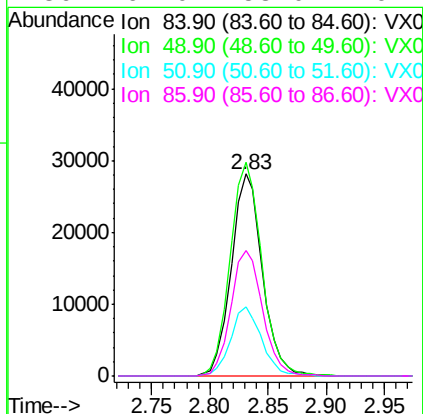
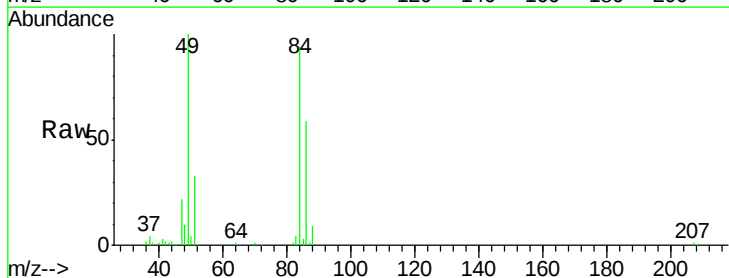
Instrument :
MSVOA_X
ClientSampleId :
TR5-1-TOP

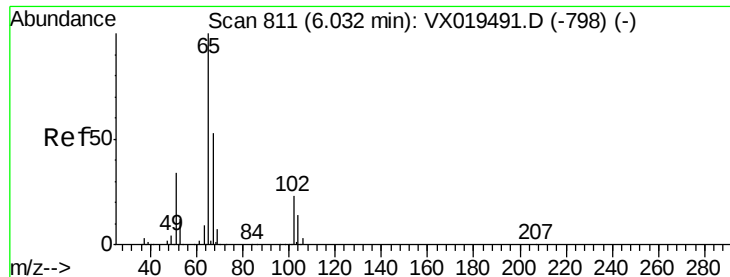
Tot Ion: 43 Resp: 2906
Ion Ratio Lower Upper
43 100
74 27.1 22.2 33.4



#20
Methylene Chloride
Concen: 13.702 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019582.D
Acq: 24 Nov 2020 04:18

Tgt Ion: 84 Resp: 52355
Ion Ratio Lower Upper
84 100
49 105.9 88.5 132.7
51 34.4 28.0 42.0
86 62.0 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.131 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX019582.D

Acq: 24 Nov 2020 04:18

Instrument :

MSVOA_X

ClientSampleId :

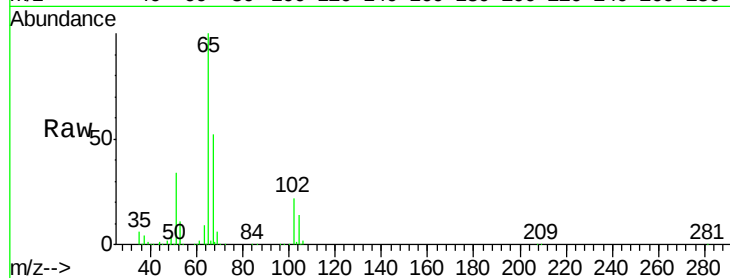
TR5-1-TOP

Tot Ion: 65 Resp: 190269

Ion Ratio Lower Upper

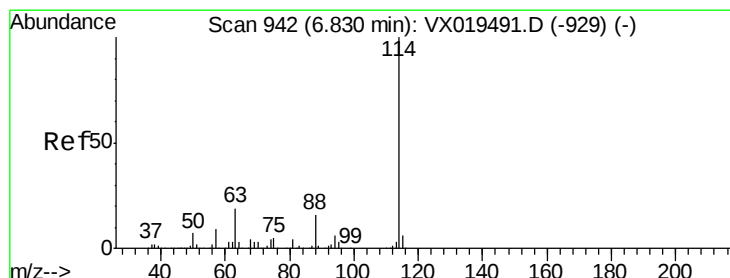
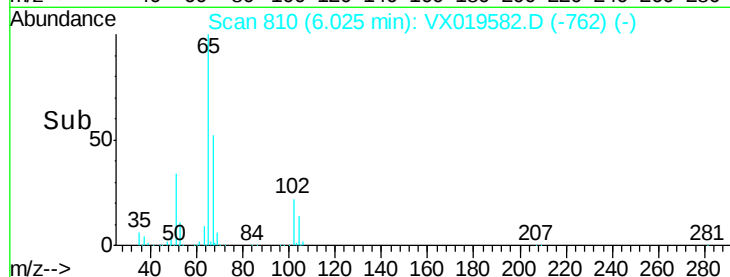
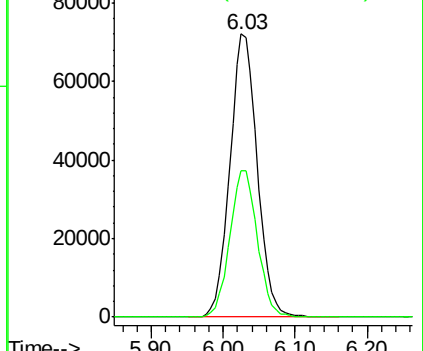
65 100

67 52.1 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: VX019582.D

Acq: 24 Nov 2020 04:18

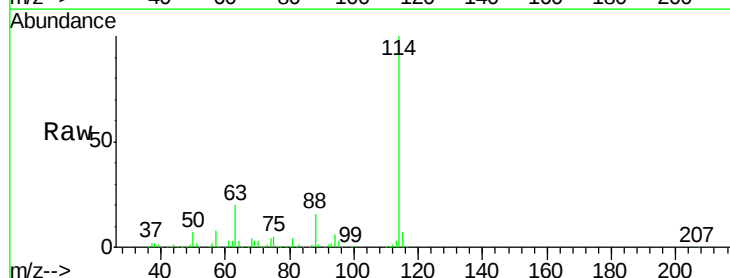
Tgt Ion: 114 Resp: 503080

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

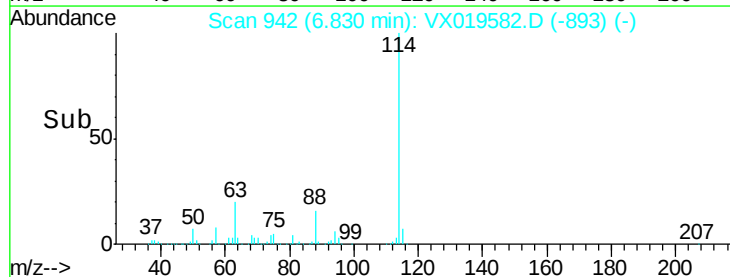
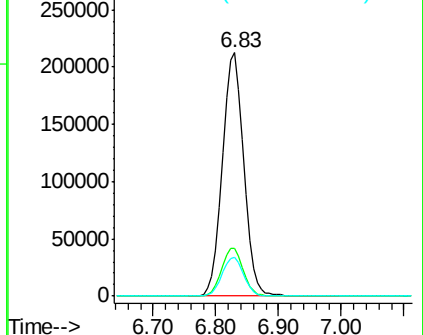
88 15.9 0.0 31.6

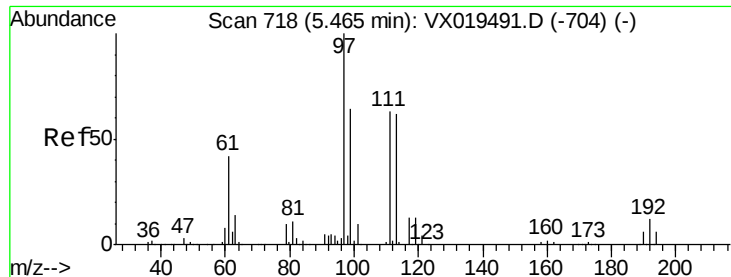


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.686 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019582.D

Acq: 24 Nov 2020 04:18

Instrument :

MSVOA_X

ClientSampleId :

TR5-1-TOP

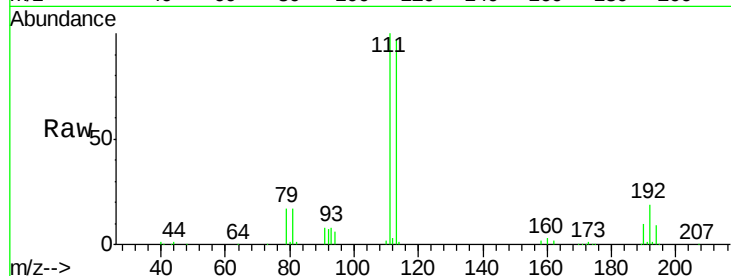
Tot Ion:113 Resp: 150585

Ion Ratio Lower Upper

113 100

111 101.8 81.5 122.3

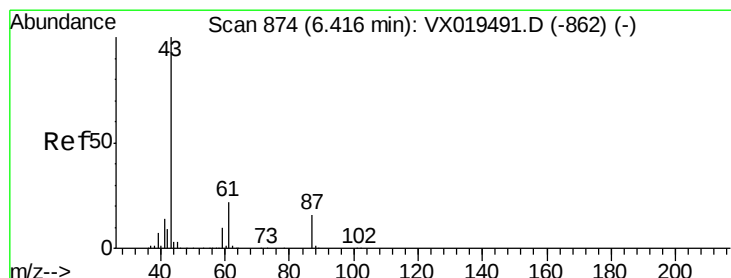
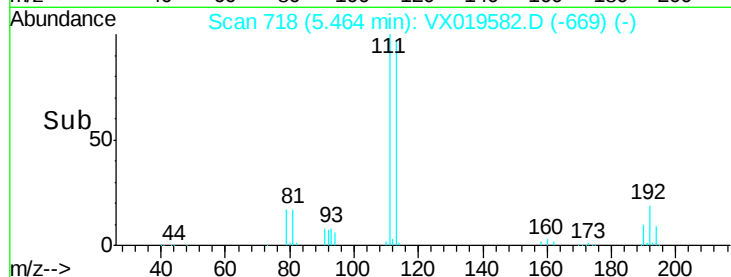
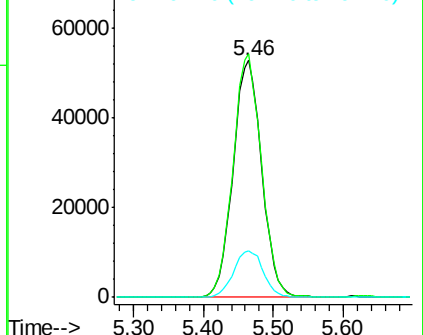
192 20.3 16.2 24.2



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: 3.182 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019582.D

Acq: 24 Nov 2020 04:18

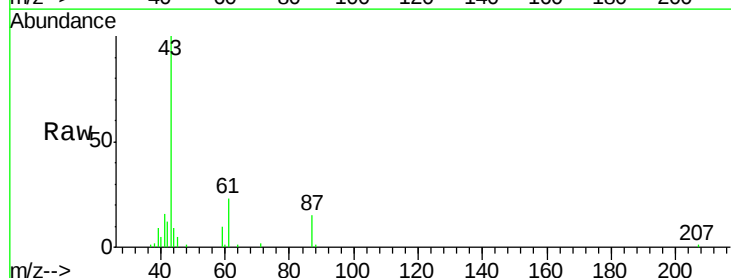
Tgt Ion: 43 Resp: 23686

Ion Ratio Lower Upper

43 100

61 22.0 18.2 27.2

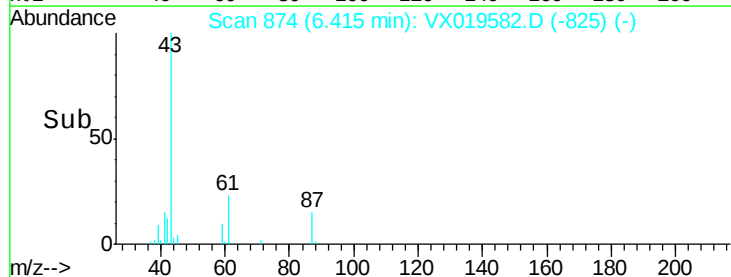
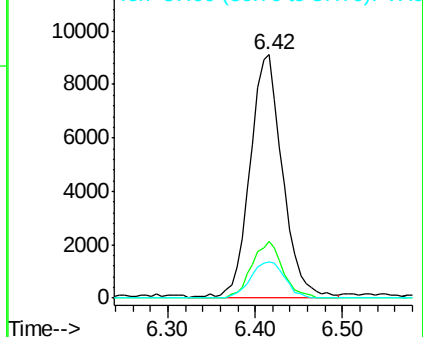
87 15.5 12.6 18.8

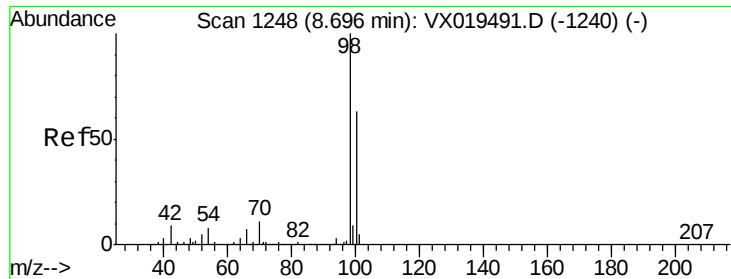


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 49.795 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019582.D

Acq: 24 Nov 2020 04:18

Instrument :

MSVOA_X

ClientSampleId :

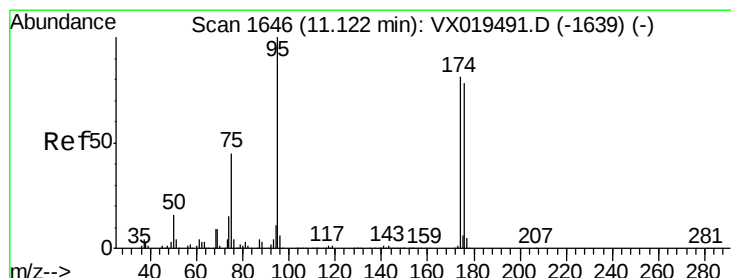
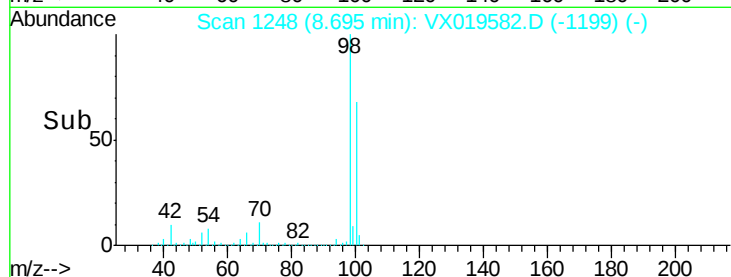
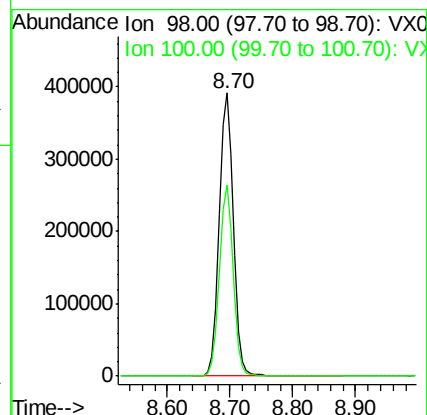
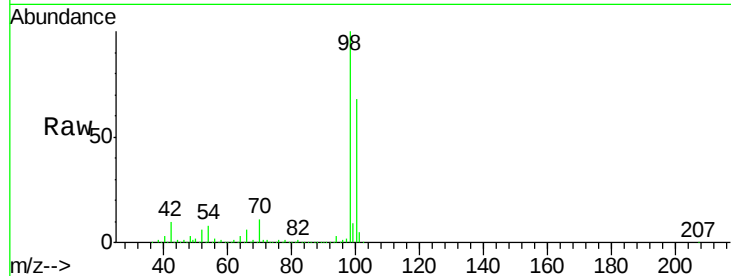
TR5-1-TOP

Tot Ion: 98 Resp: 611030

Ion Ratio Lower Upper

98 100

100 66.1 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 47.500 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019582.D

Acq: 24 Nov 2020 04:18

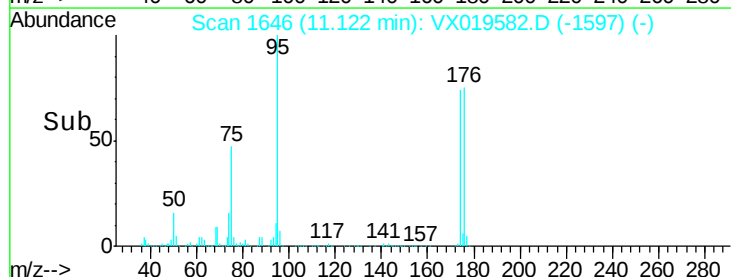
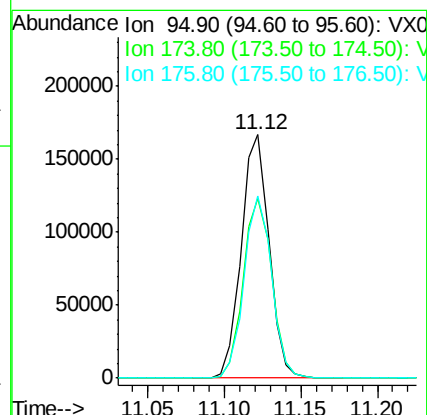
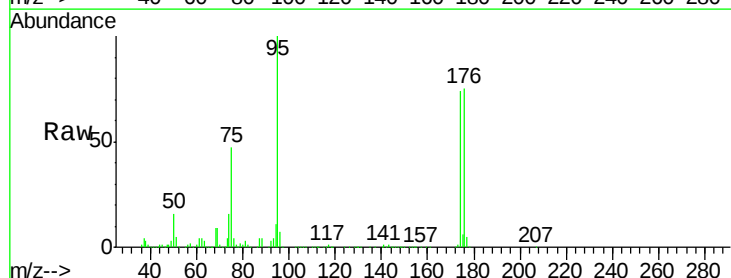
Tgt Ion: 95 Resp: 209708

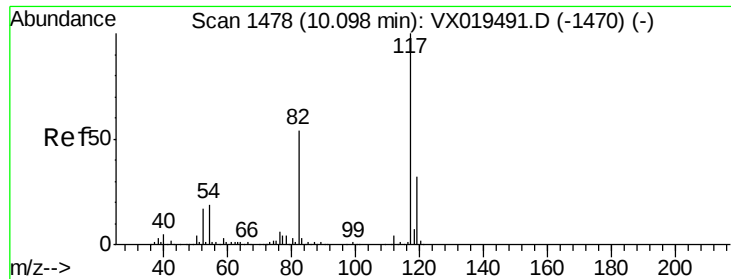
Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.2

176 74.5 0.0 151.4

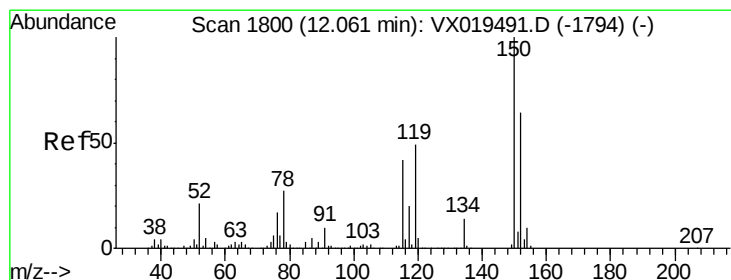
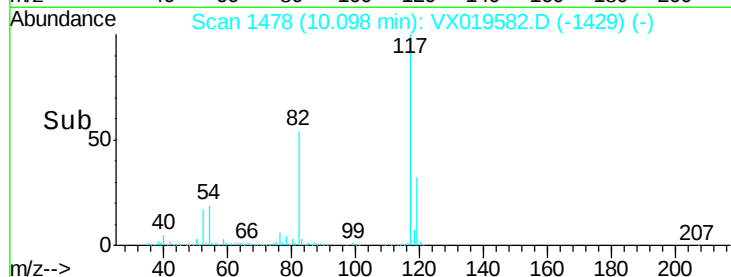
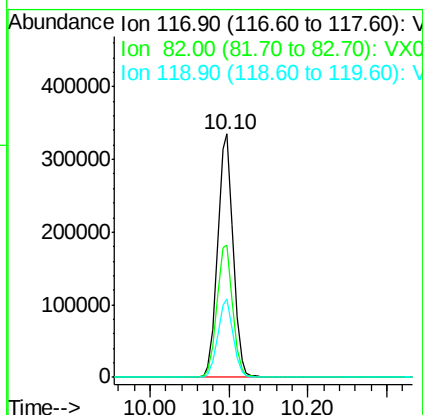
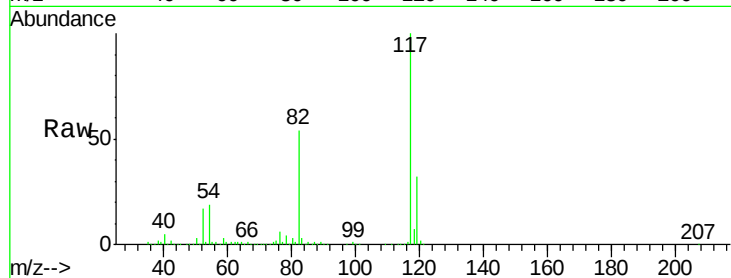




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019582.D
Acq: 24 Nov 2020 04:18

Instrument :
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ClientSampleId :
TR5-1-TOP

Tot Ion:117 Resp: 458835
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.2 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: VX019582.D
Acq: 24 Nov 2020 04:18

Tgt Ion:152 Resp: 186007
Ion Ratio Lower Upper
152 100
115 61.9 41.8 125.4
150 159.4 0.0 348.2

