

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024549.D
 Acq On : 05 Oct 2021 03:42
 Operator : JC/MD
 Sample : M3989-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Oct 05 08:34:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

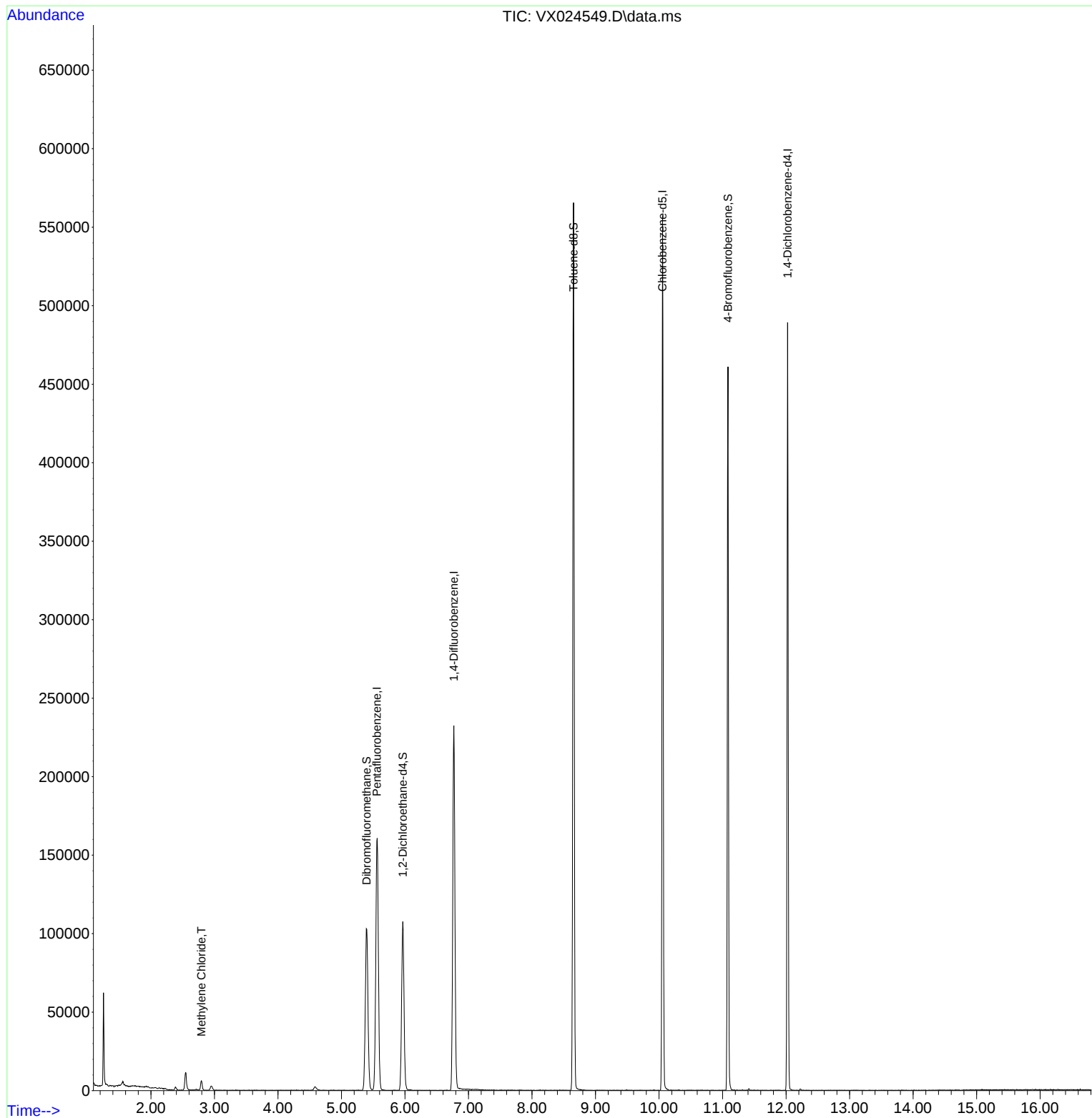
Internal Standards						
1) Pentafluorobenzene	5.556	168	152845	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	229388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241017	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106363	49.38	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.76%
35) Dibromofluoromethane	5.397	113	91491	60.04	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.08%
50) Toluene-d8	8.653	98	328497	58.57	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	117.14%#
62) 4-Bromofluorobenzene	11.085	95	121012	54.87	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.74%
Target Compounds						
20) Methylene Chloride	2.794	84	2781	0.59	ug/l	Qvalue # 82

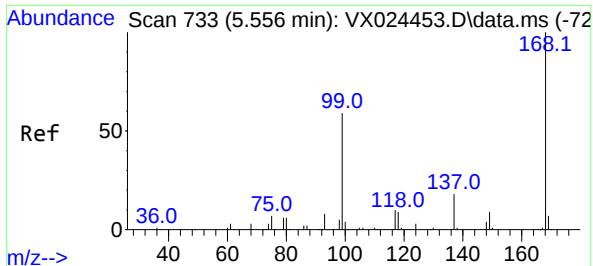
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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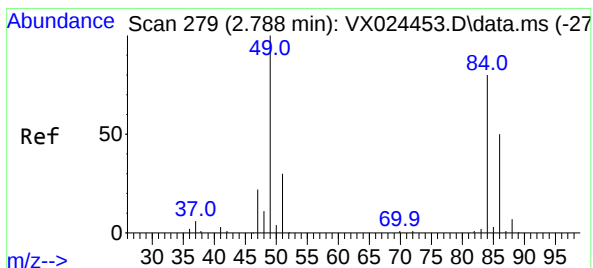
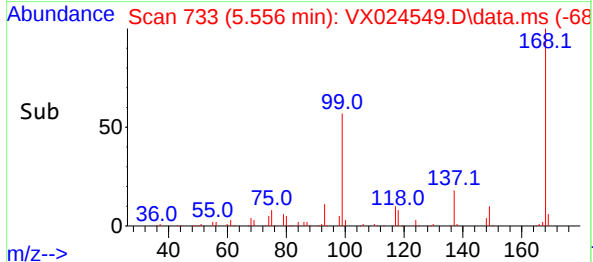
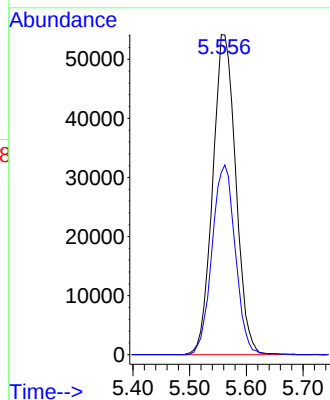
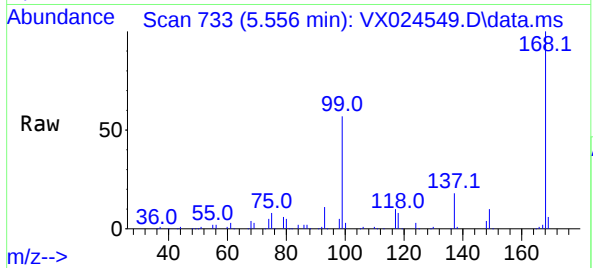




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

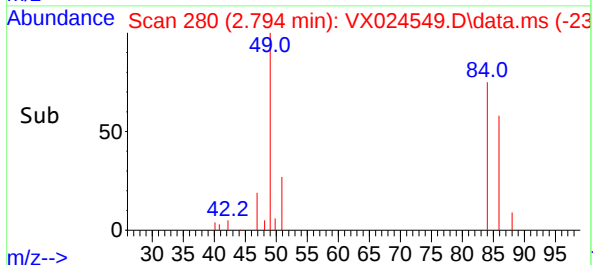
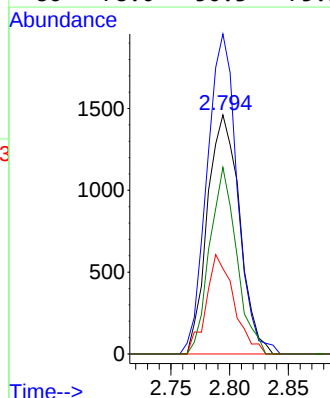
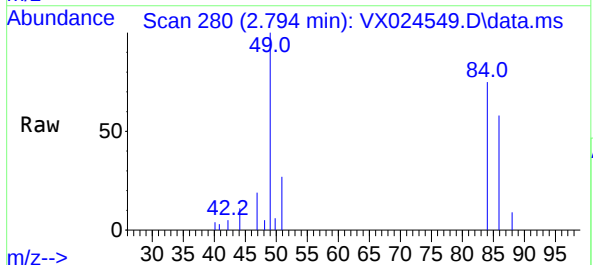
Instrument :
MSVOA_X
ClientSampleId :
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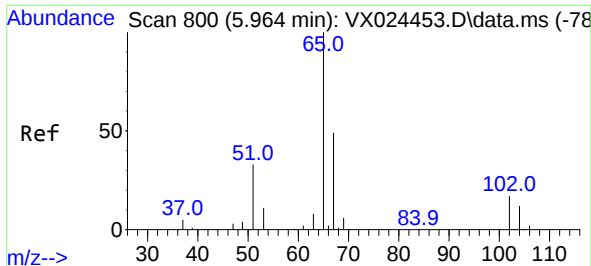
Tgt Ion:168 Resp: 152845
Ion Ratio Lower Upper
168 100
99 56.9 45.8 68.6



#20
Methylene Chloride
Concen: 0.59 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 84 Resp: 2781
Ion Ratio Lower Upper
84 100
49 133.9 88.6 132.8#
51 35.7 27.0 40.6
86 78.0 50.3 75.5#



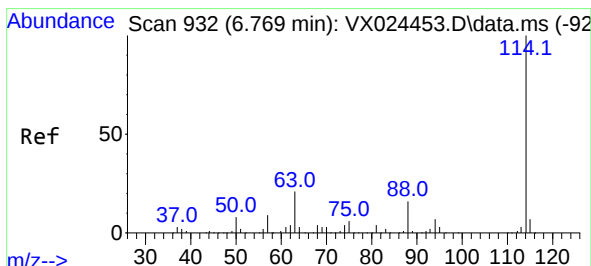
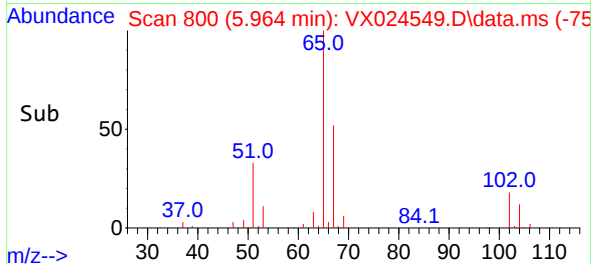
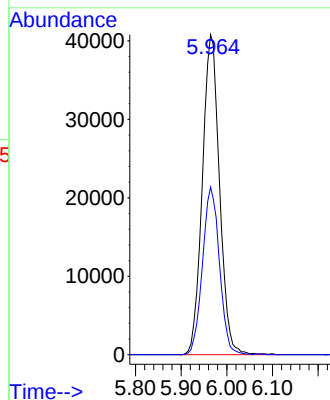
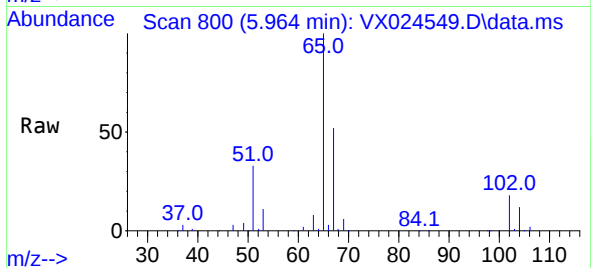


#33

1,2-Dichloroethane-d4
Concen: 49.38 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

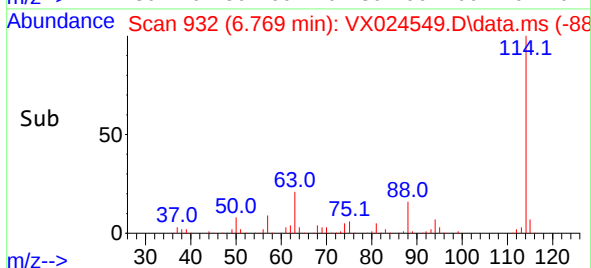
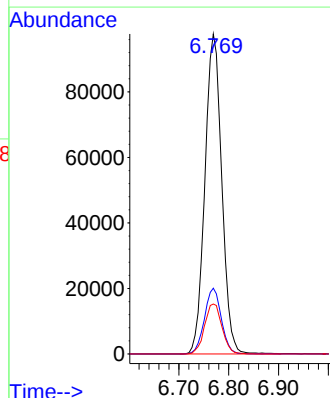
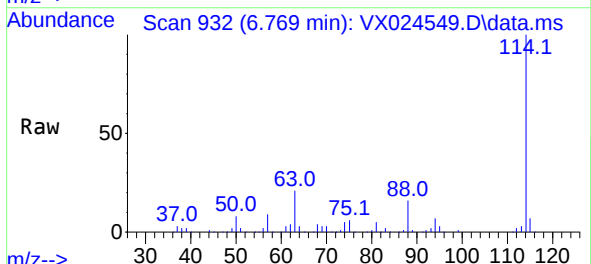
Tgt Ion: 65 Resp: 106363
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

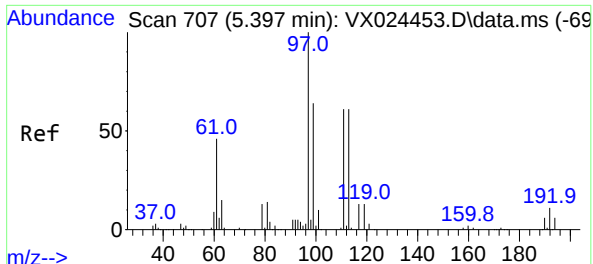


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 114 Resp: 229388
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 60.04 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024549.D

Acq: 05 Oct 2021 03:42

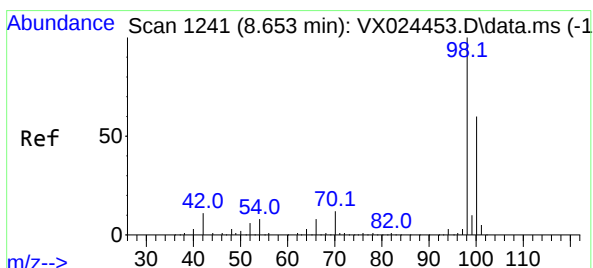
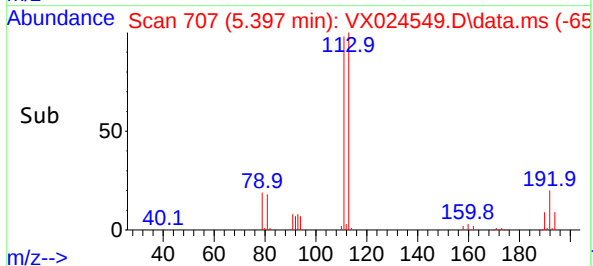
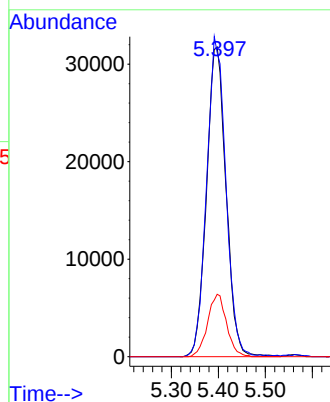
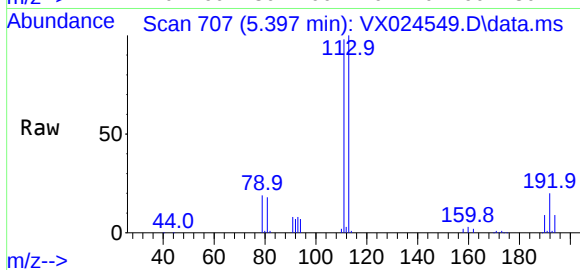
Tgt Ion:113 Resp: 91491

Ion Ratio Lower Upper

113 100

111 101.4 81.9 122.9

192 19.6 16.7 25.1



#50

Toluene-d8

Concen: 58.57 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024549.D

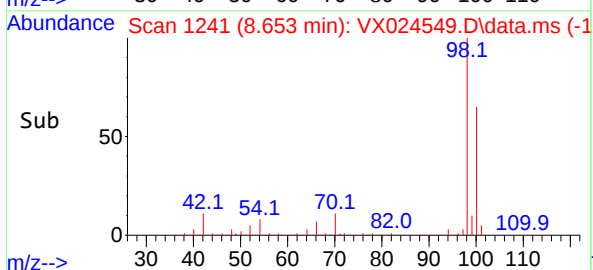
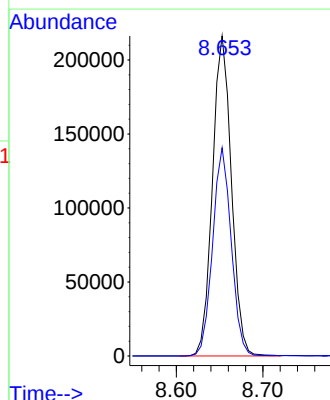
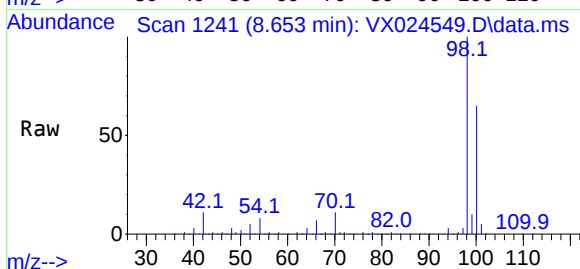
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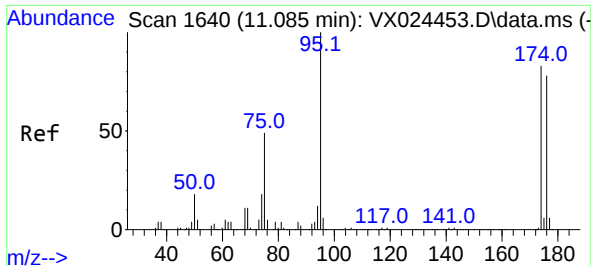
Tgt Ion: 98 Resp: 328497

Ion Ratio Lower Upper

98 100

100 63.9 51.9 77.9

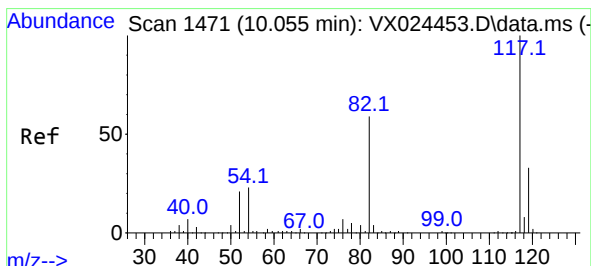
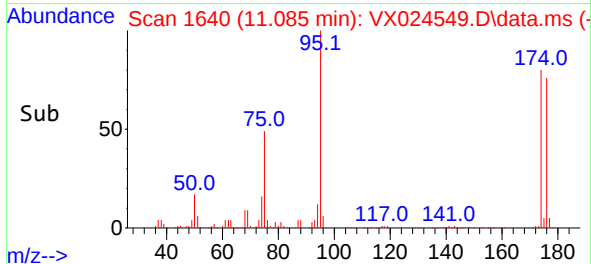
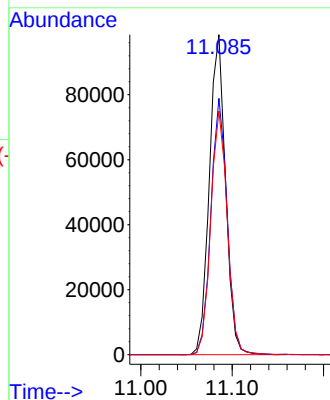
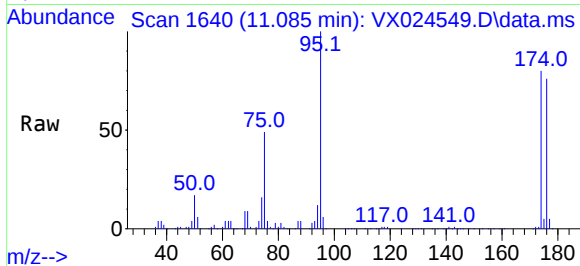




#62
4-Bromofluorobenzene
Concen: 54.87 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

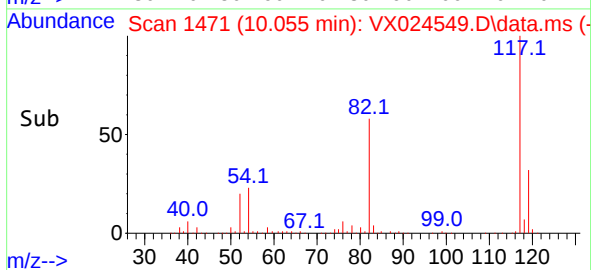
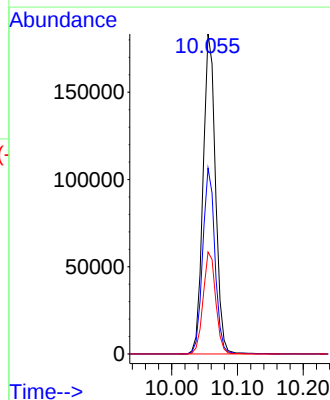
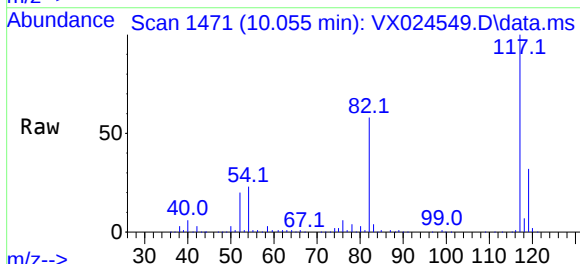
Instrument :
MSVOA_X
ClientSampleId :
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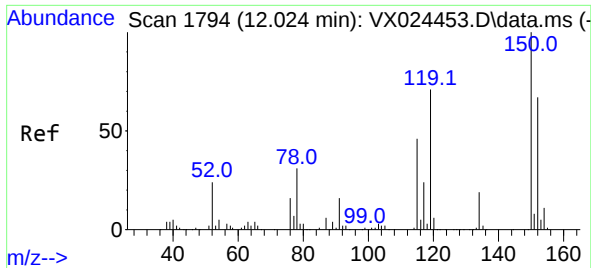
Tgt Ion: 95 Resp: 121012
Ion Ratio Lower Upper
95 100
174 80.5 0.0 154.6
176 77.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024549.D
Acq: 05 Oct 2021 03:42

Tgt Ion: 117 Resp: 241017
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.9 26.6 39.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024549.D
 Acq: 05 Oct 2021 03:42

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion:152 Resp: 98607
 Ion Ratio Lower Upper
 152 100
 115 61.6 41.1 123.3
 150 155.4 0.0 349.0

