

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121821\
 Data File : VX025894.D
 Acq On : 17 Dec 2021 18:38
 Operator : JC/MD
 Sample : PB141495ZHE#02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB141495ZHE#02

Quant Time: Dec 19 02:34:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 14 07:02:11 2021
 Response via : Initial Calibration

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

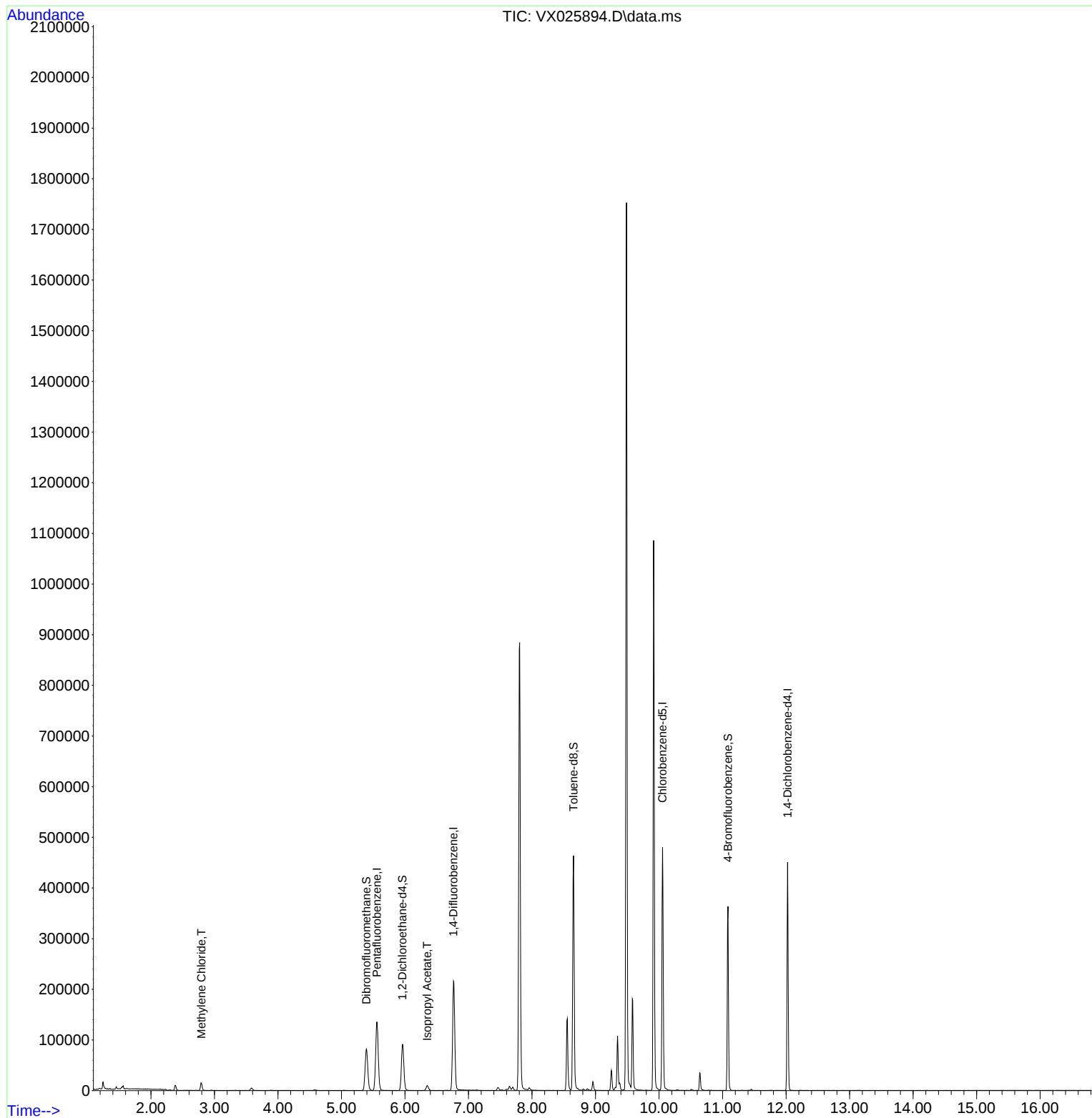
Internal Standards						
1) Pentafluorobenzene	5.556	168	122580	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	219135	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214778	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	88187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89267	50.613	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	101.220%	
35) Dibromofluoromethane	5.391	113	70684	46.251	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	92.500%	
50) Toluene-d8	8.653	98	273285	49.079	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.160%	
62) 4-Bromofluorobenzene	11.085	95	95163	44.990	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	89.980%	
Target Compounds						Qvalue
20) Methylene Chloride	2.794	84	6485	1.975	ug/l	97
43) Isopropyl Acetate	6.348	43	13223	3.564	ug/l #	94

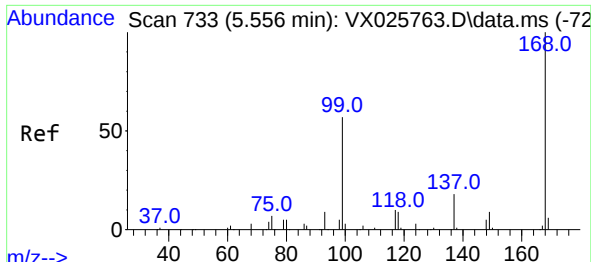
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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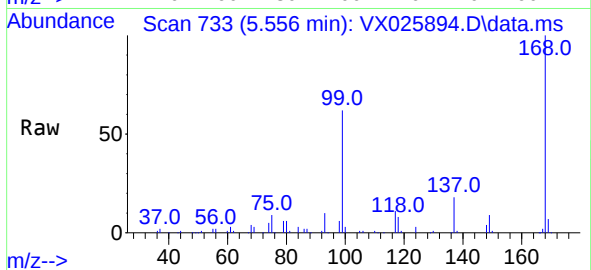
Quant Time: Dec 19 02:34:19 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121321W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 14 07:02:11 2021
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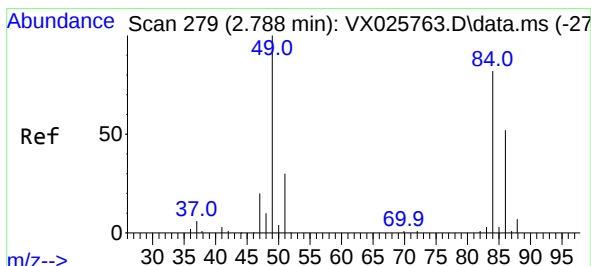
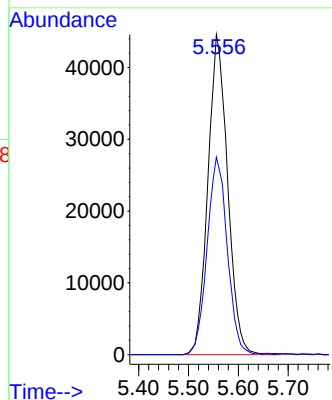
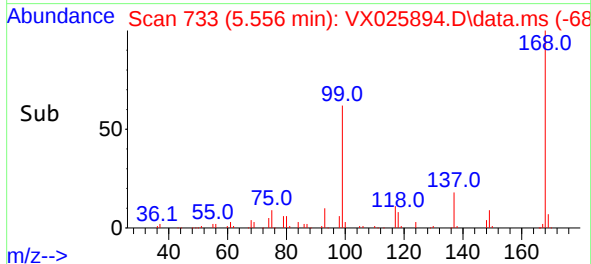


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :
PB141495ZHE#02

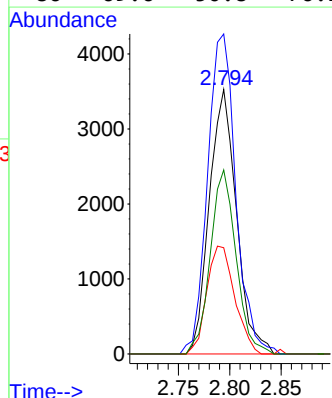
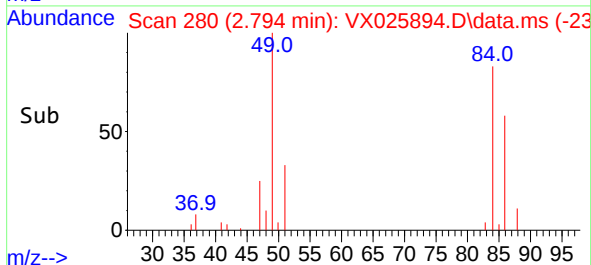
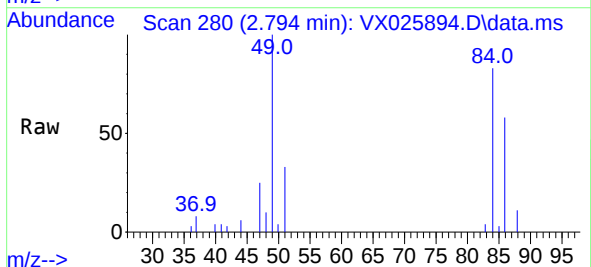


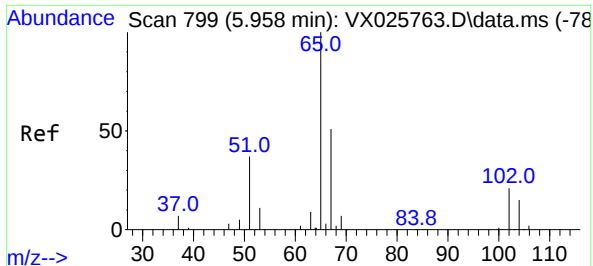
Tgt Ion:168 Resp: 122580
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.8



#20
Methylene Chloride
Concen: 1.975 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

Tgt Ion: 84 Resp: 6485
Ion Ratio Lower Upper
84 100
49 121.0 97.1 145.7
51 40.1 29.3 43.9
86 69.6 50.8 76.2

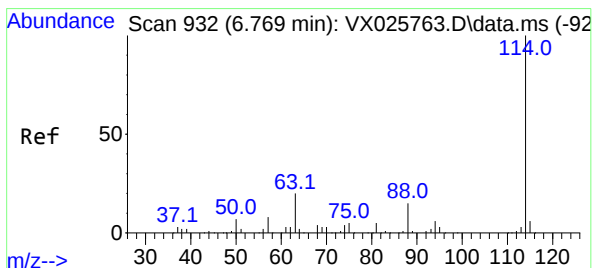
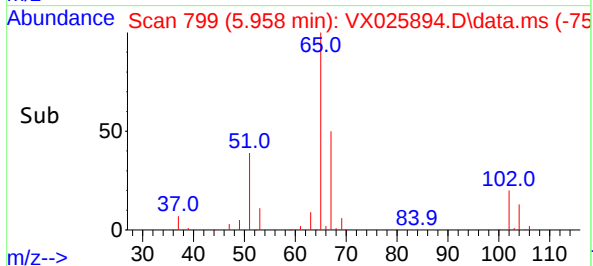
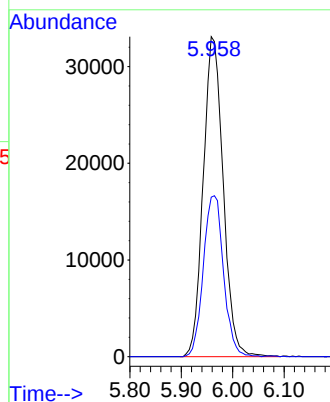
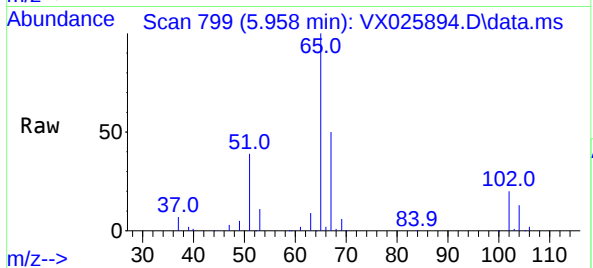




#33
 1,2-Dichloroethane-d4
 Concen: 50.613 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX025894.D
 Acq: 17 Dec 2021 18:38

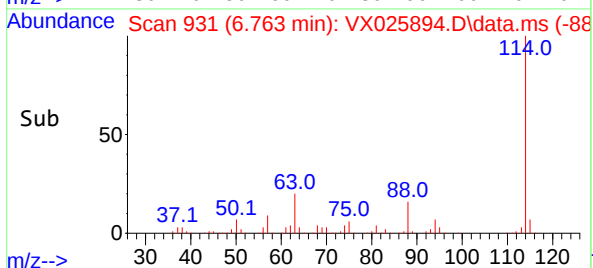
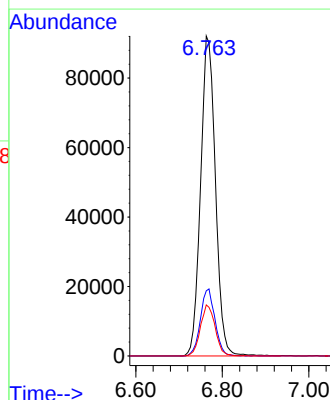
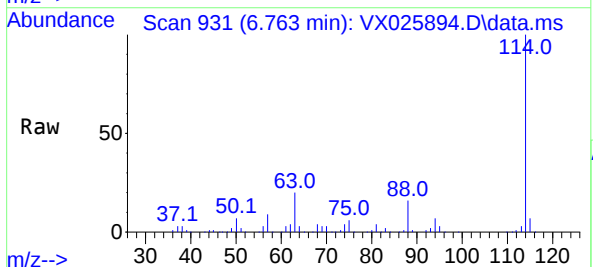
Instrument :
 MSVOA_X
 ClientSampleId :
 PB141495ZHE#02

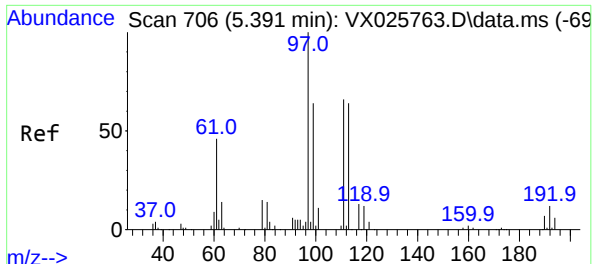
Tgt Ion: 65 Resp: 89267
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX025894.D
 Acq: 17 Dec 2021 18:38

Tgt Ion: 114 Resp: 219135
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 16.0 0.0 30.6

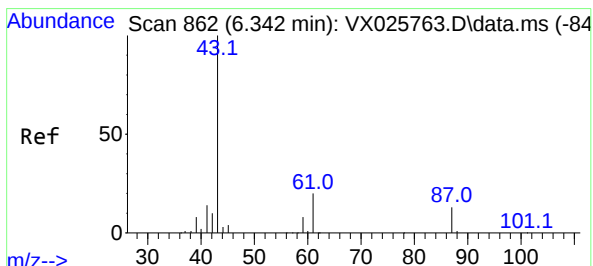
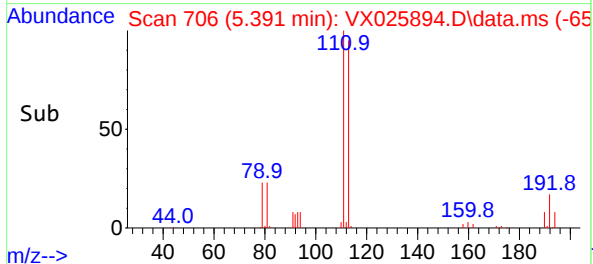
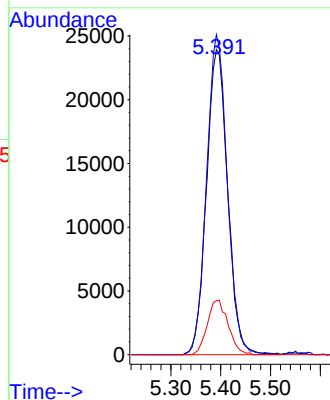
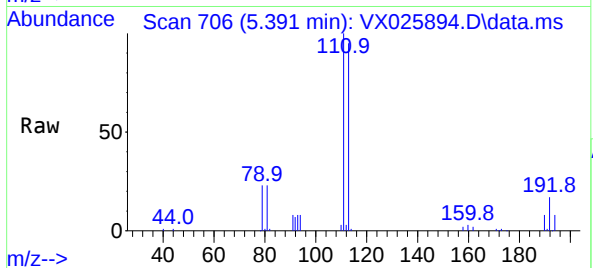




#35
Dibromofluoromethane
Concen: 46.251 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

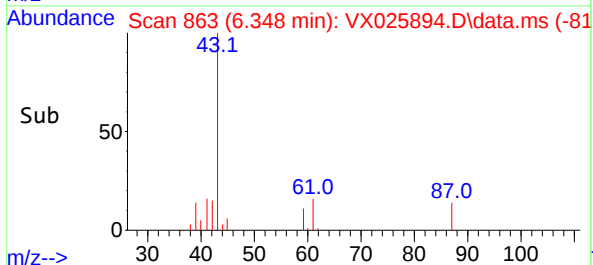
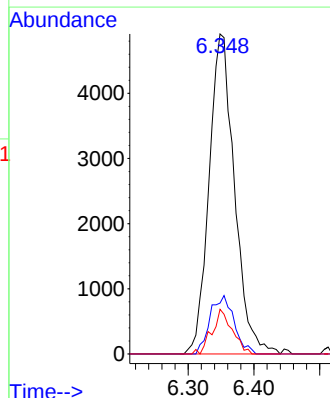
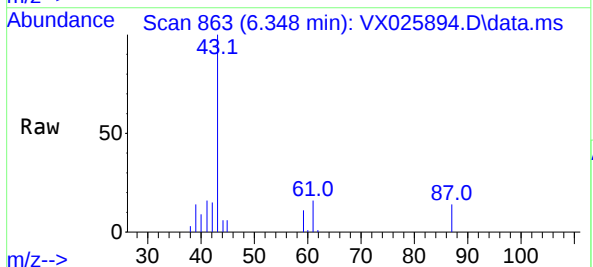
Instrument :
MSVOA_X
ClientSampleId :
PB141495ZHE#02

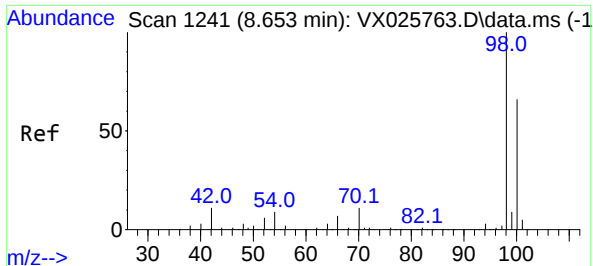
Tgt Ion:113 Resp: 70684
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.8
192 17.6 15.0 22.4



#43
Isopropyl Acetate
Concen: 3.564 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

Tgt Ion: 43 Resp: 13223
Ion Ratio Lower Upper
43 100
61 17.2 15.7 23.5
87 11.0 11.2 16.8#

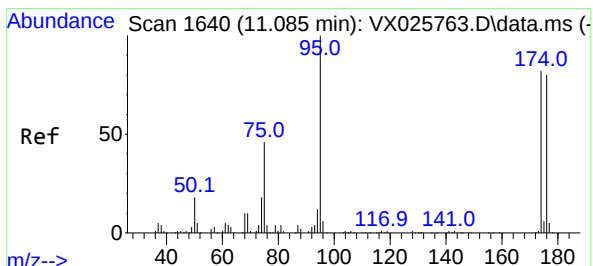
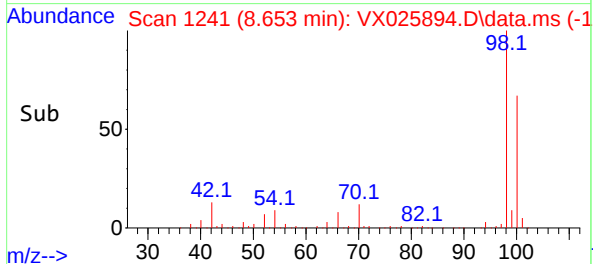
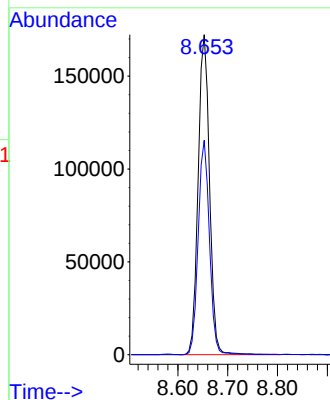
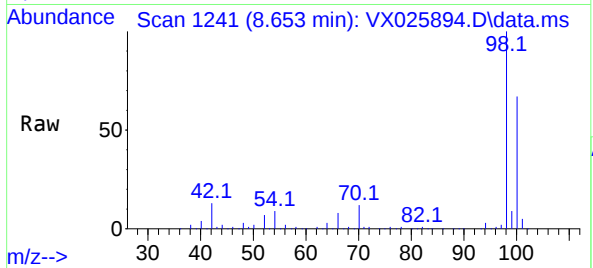




#50
Toluene-d8
Concen: 49.079 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

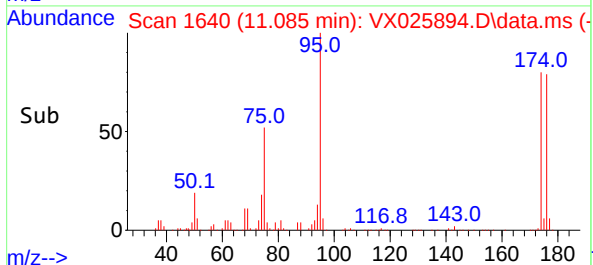
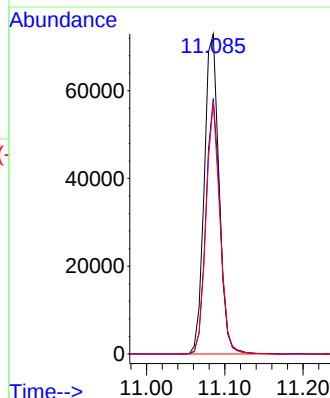
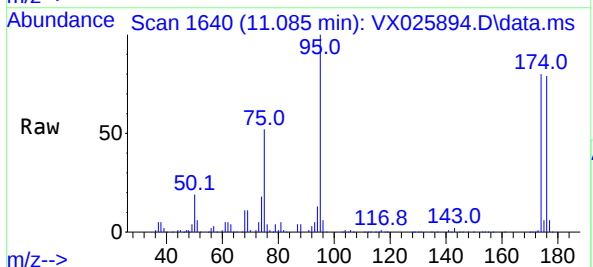
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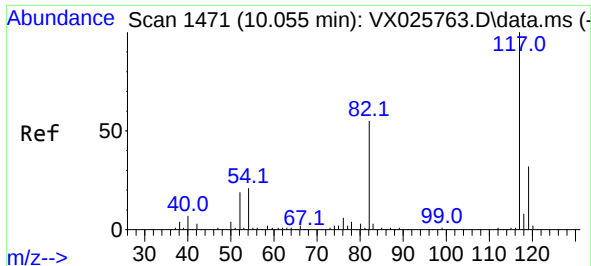
Tgt Ion: 98 Resp: 273285
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.990 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.000 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

Tgt Ion: 95 Resp: 95163
Ion Ratio Lower Upper
95 100
174 76.8 0.0 157.4
176 74.0 0.0 154.6

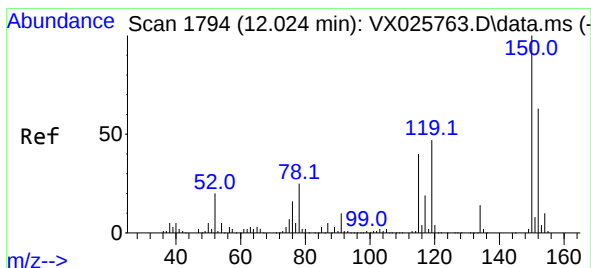
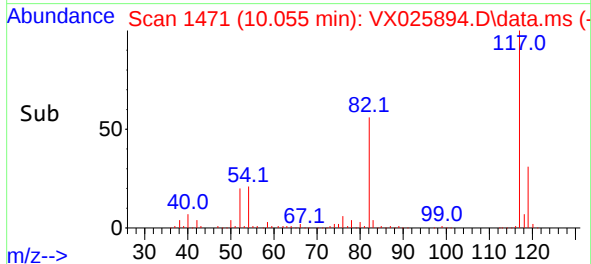
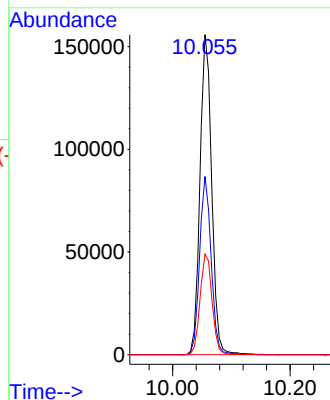
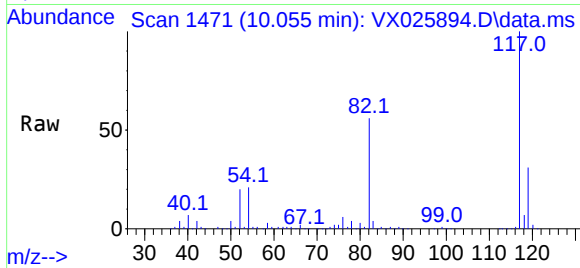




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

Instrument :
MSVOA_X
ClientSampleId :
PB141495ZHE#02

Tgt Ion:117 Resp: 214778
Ion Ratio Lower Upper
117 100
82 55.7 43.8 65.6
119 31.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX025894.D
Acq: 17 Dec 2021 18:38

Tgt Ion:152 Resp: 88187
Ion Ratio Lower Upper
152 100
115 60.4 41.3 123.9
150 156.6 0.0 351.8

