

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092321\
 Data File : VX024485.D
 Acq On : 24 Sep 2021 06:12
 Operator : JC/MD
 Sample : M3829-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20210918

Quant Time: Sep 24 07:45:10 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)

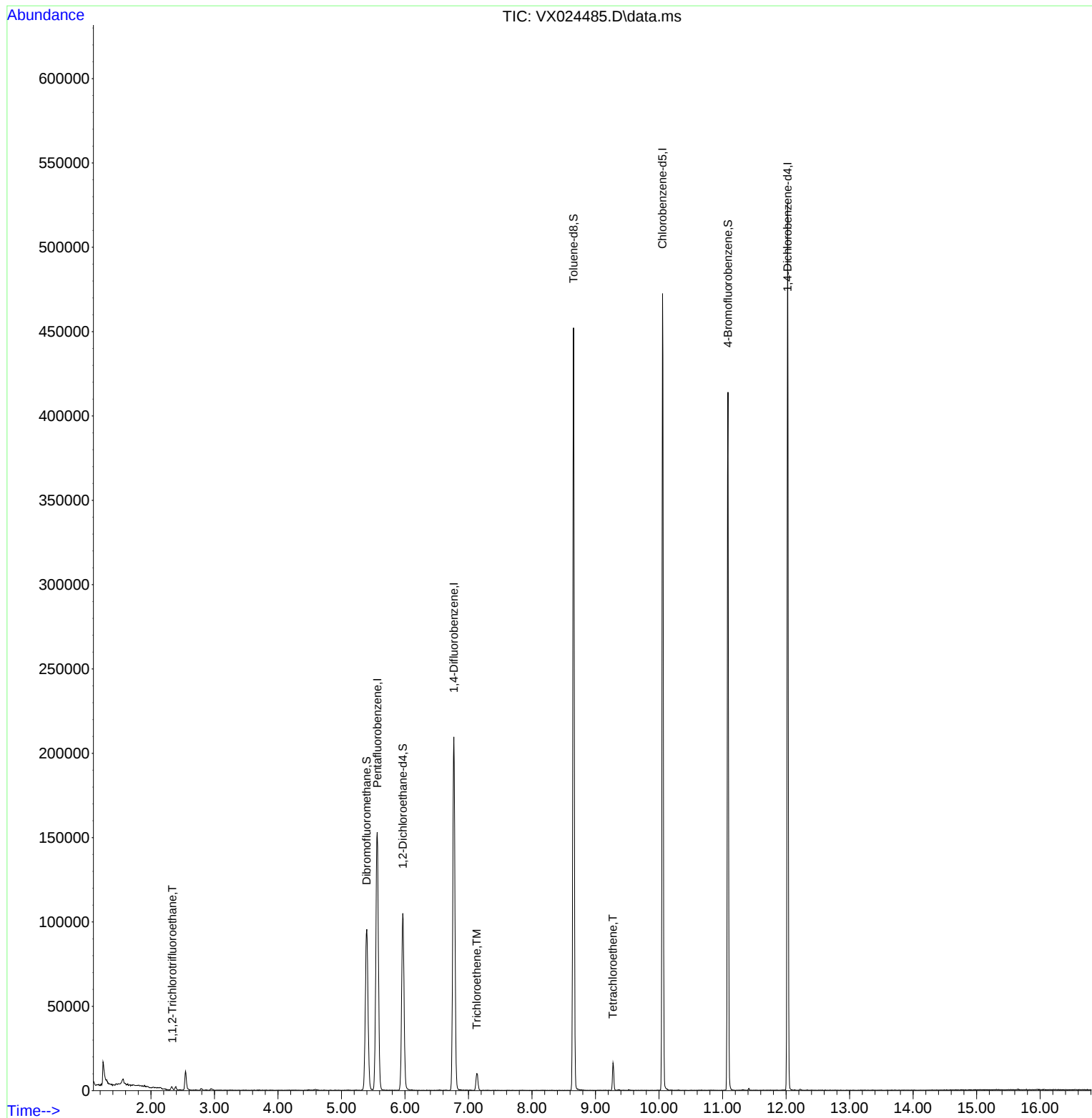
Internal Standards						
1) Pentafluorobenzene	5.562	168	144016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	207785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	104396	51.433	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.860%	
35) Dibromofluoromethane	5.397	113	84066	60.901	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.800%	
50) Toluene-d8	8.653	98	254304	50.055	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.120%	
62) 4-Bromofluorobenzene	11.085	95	107267	53.699	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.400%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	519	0.365	ug/l	91
44) Trichloroethene	7.129	130	4277	2.729	ug/l	88
64) Tetrachloroethene	9.275	164	2861	2.003	ug/l	92

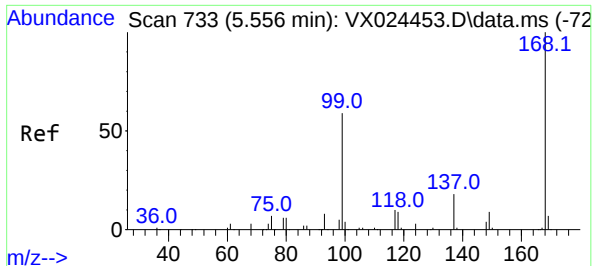
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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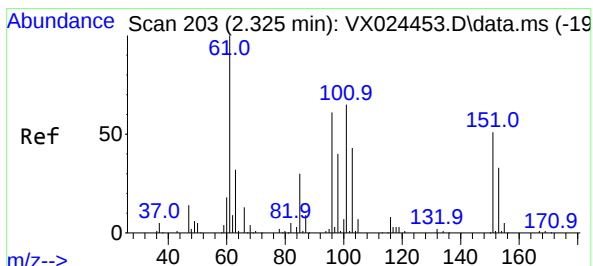
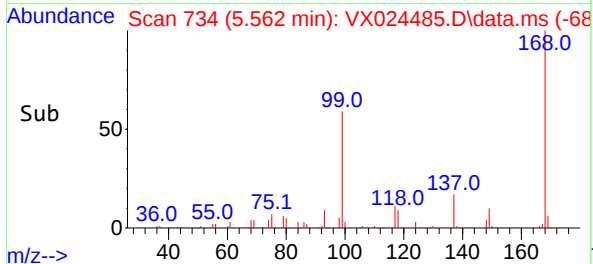
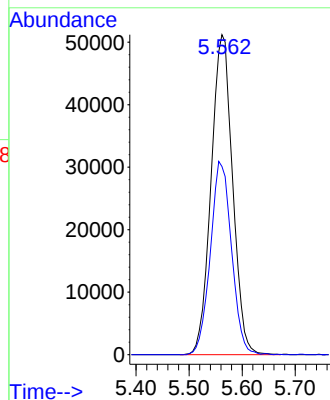
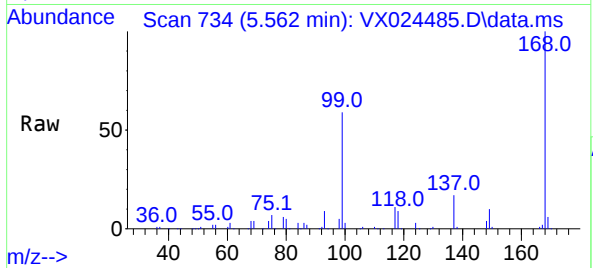




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

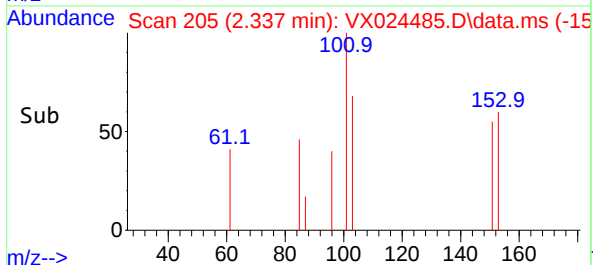
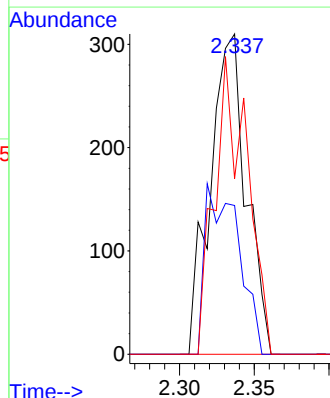
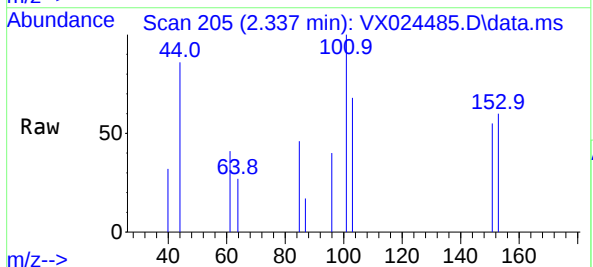
Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210918

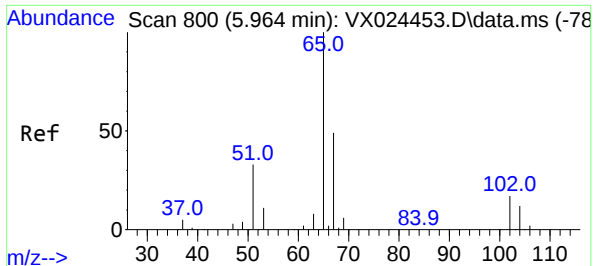
Tgt Ion:168 Resp: 144016
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.365 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

Tgt Ion:101 Resp: 519
Ion Ratio Lower Upper
101 100
85 49.7 34.9 52.3
151 84.2 61.4 92.2



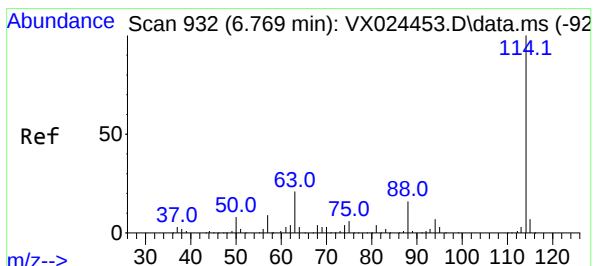
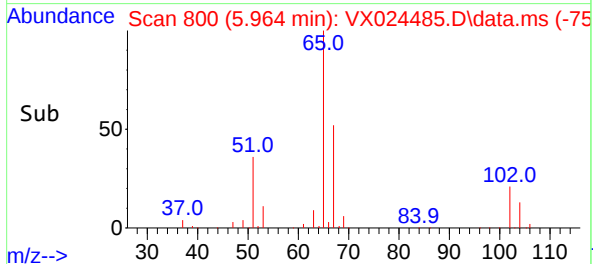
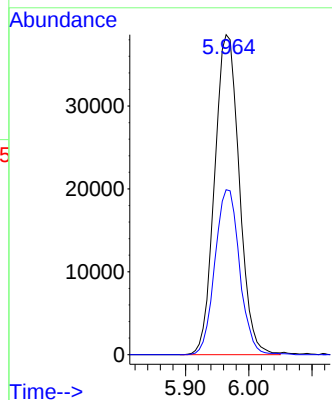
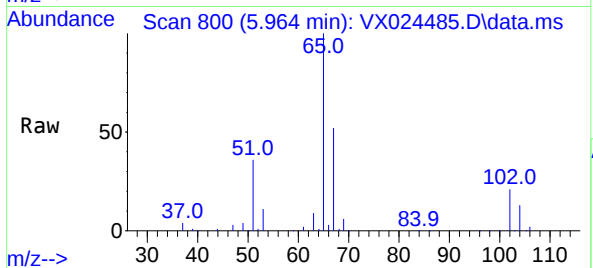


#33

1,2-Dichloroethane-d4
Concen: 51.433 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

Instrument :
MSVOA_X
ClientSampleId :
RE123D2-20210918

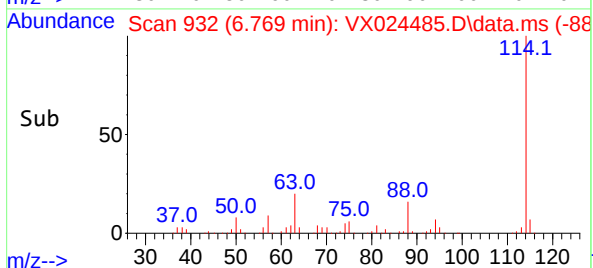
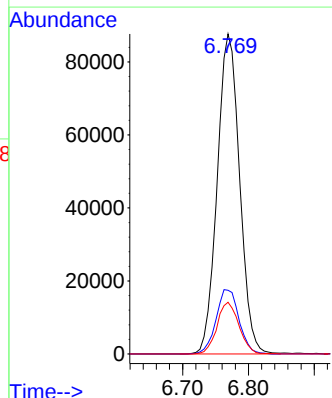
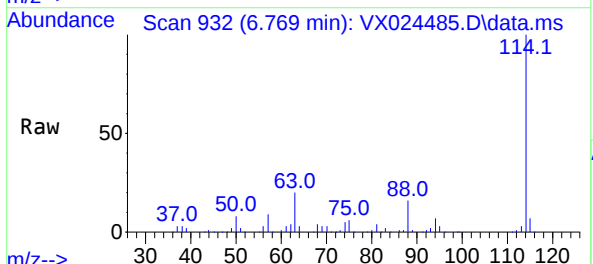
Tgt Ion: 65 Resp: 104396
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

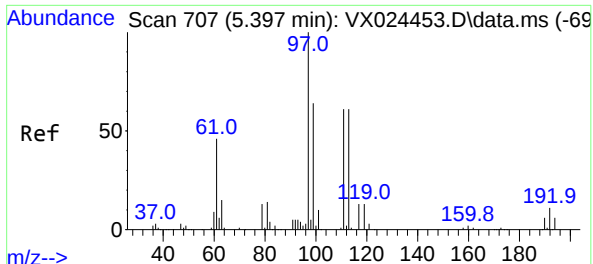


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

Tgt Ion: 114 Resp: 207785
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.8
88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 60.901 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024485.D

Acq: 24 Sep 2021 06:12

Instrument :

MSVOA_X

ClientSampleId :

RE123D2-20210918

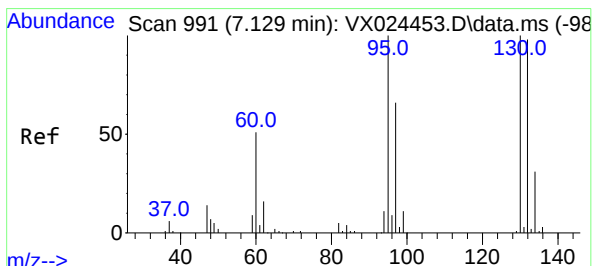
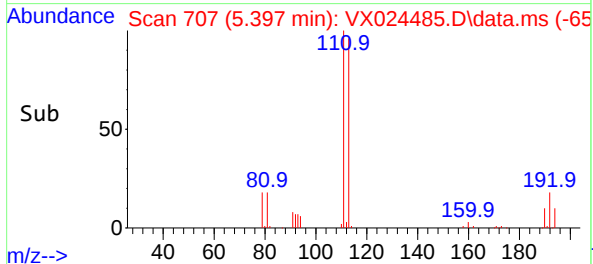
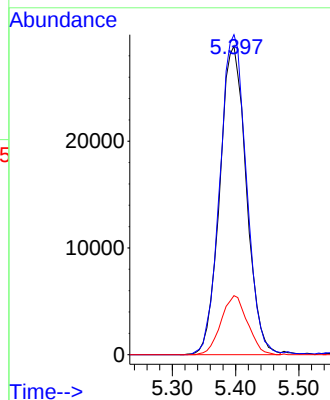
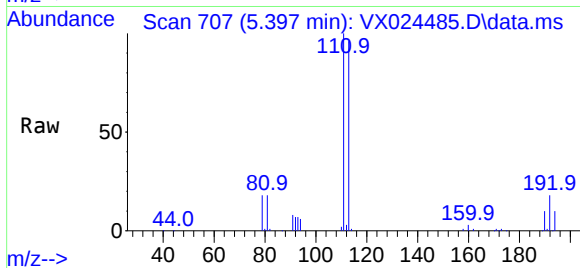
Tgt Ion:113 Resp: 84066

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 19.0 16.7 25.1



#44

Trichloroethene

Concen: 2.729 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX024485.D

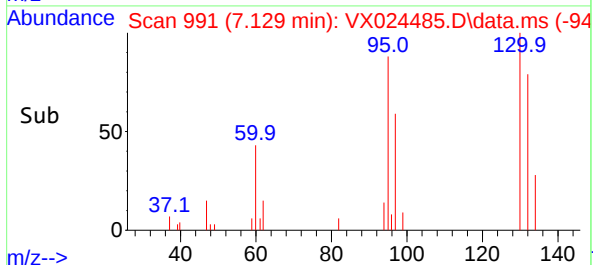
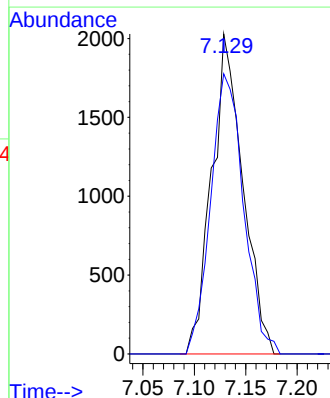
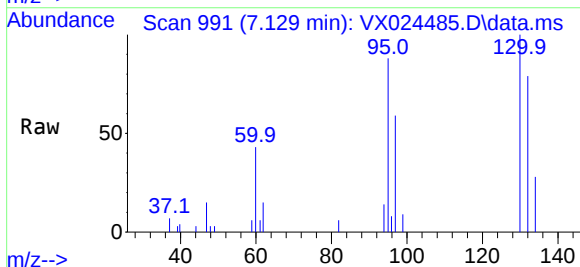
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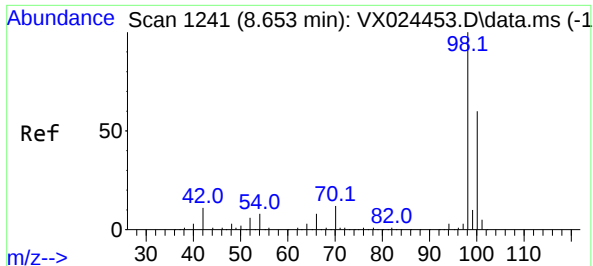
Tgt Ion:130 Resp: 4277

Ion Ratio Lower Upper

130 100

95 87.5 0.0 198.0

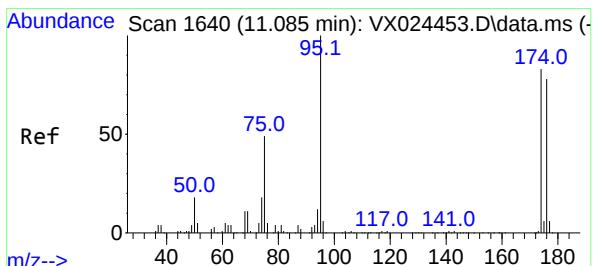
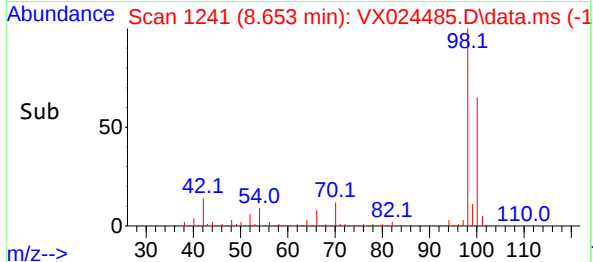
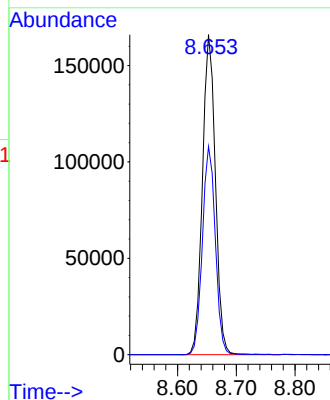
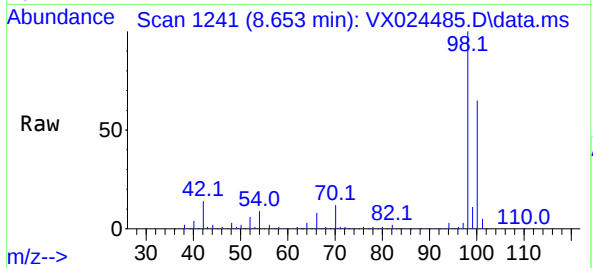




#50
Toluene-d8
Concen: 50.055 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

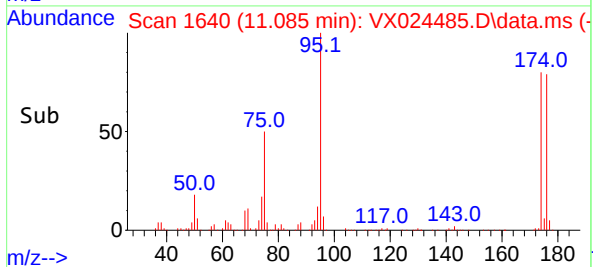
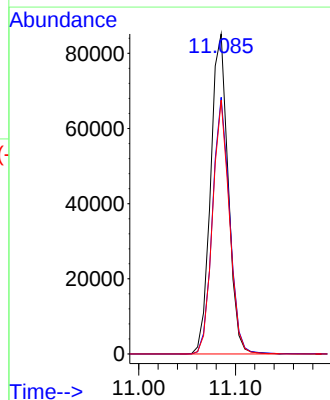
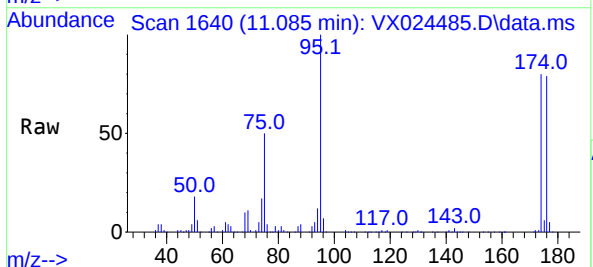
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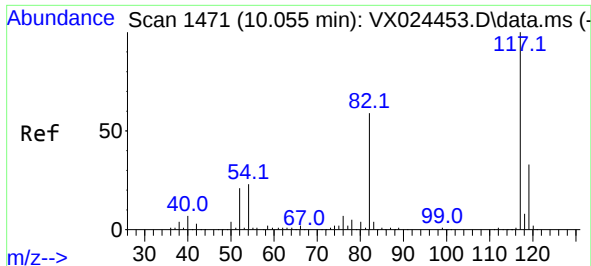
Tgt Ion: 98 Resp: 254304
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.699 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

Tgt Ion: 95 Resp: 107267
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 76.1 0.0 155.8

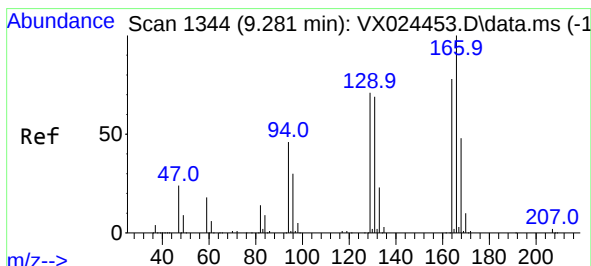
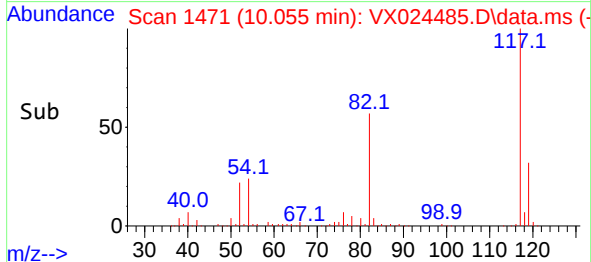
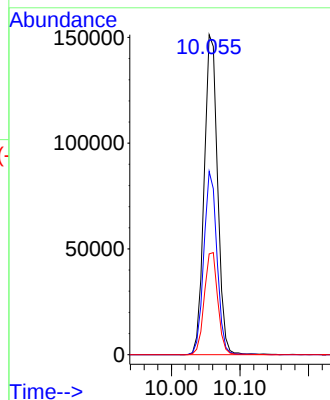
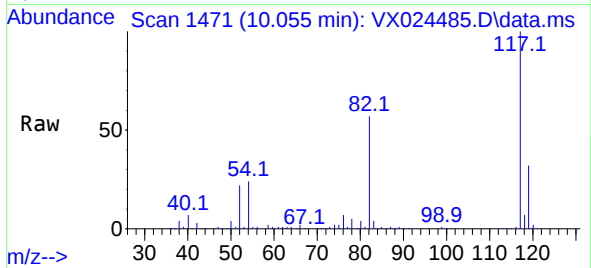




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

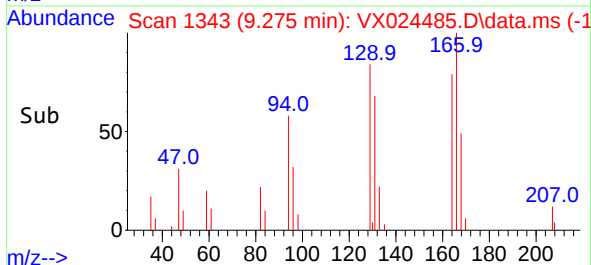
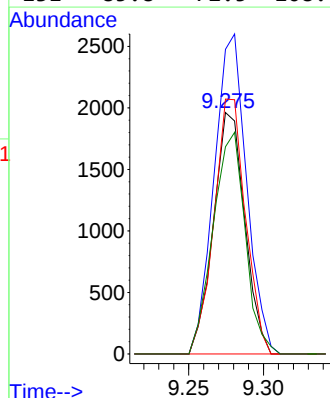
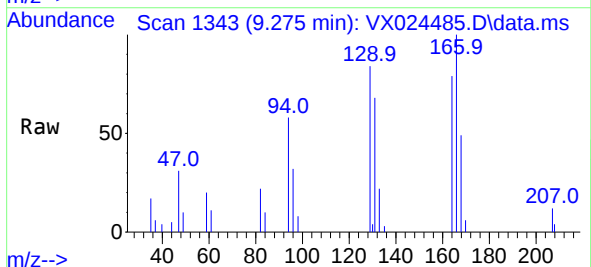
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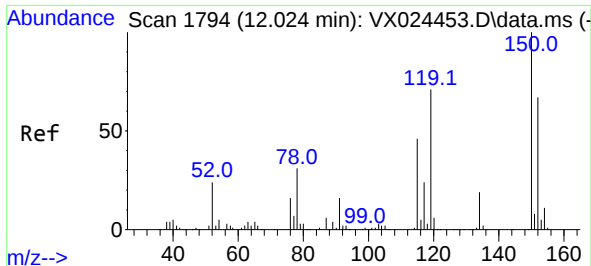
Tgt Ion:117 Resp: 206396
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.5 26.6 39.8



#64
Tetrachloroethene
Concen: 2.003 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024485.D
Acq: 24 Sep 2021 06:12

Tgt Ion:164 Resp: 2861
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.2
129 105.6 70.8 106.2
131 85.8 72.5 108.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024485.D
 Acq: 24 Sep 2021 06:12

Instrument :
 MSVOA_X
 ClientSampleId :
 RE123D2-20210918

Tgt Ion:152 Resp: 104901
 Ion Ratio Lower Upper
 152 100
 115 60.5 41.1 123.3
 150 156.1 0.0 349.0

