

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072621\
 Data File : VX023461.D
 Acq On : 26 Jul 2021 19:10
 Operator : JC/MD
 Sample : M3146-15 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 152140-DDC-4-PS

Quant Time: Jul 27 03:29:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

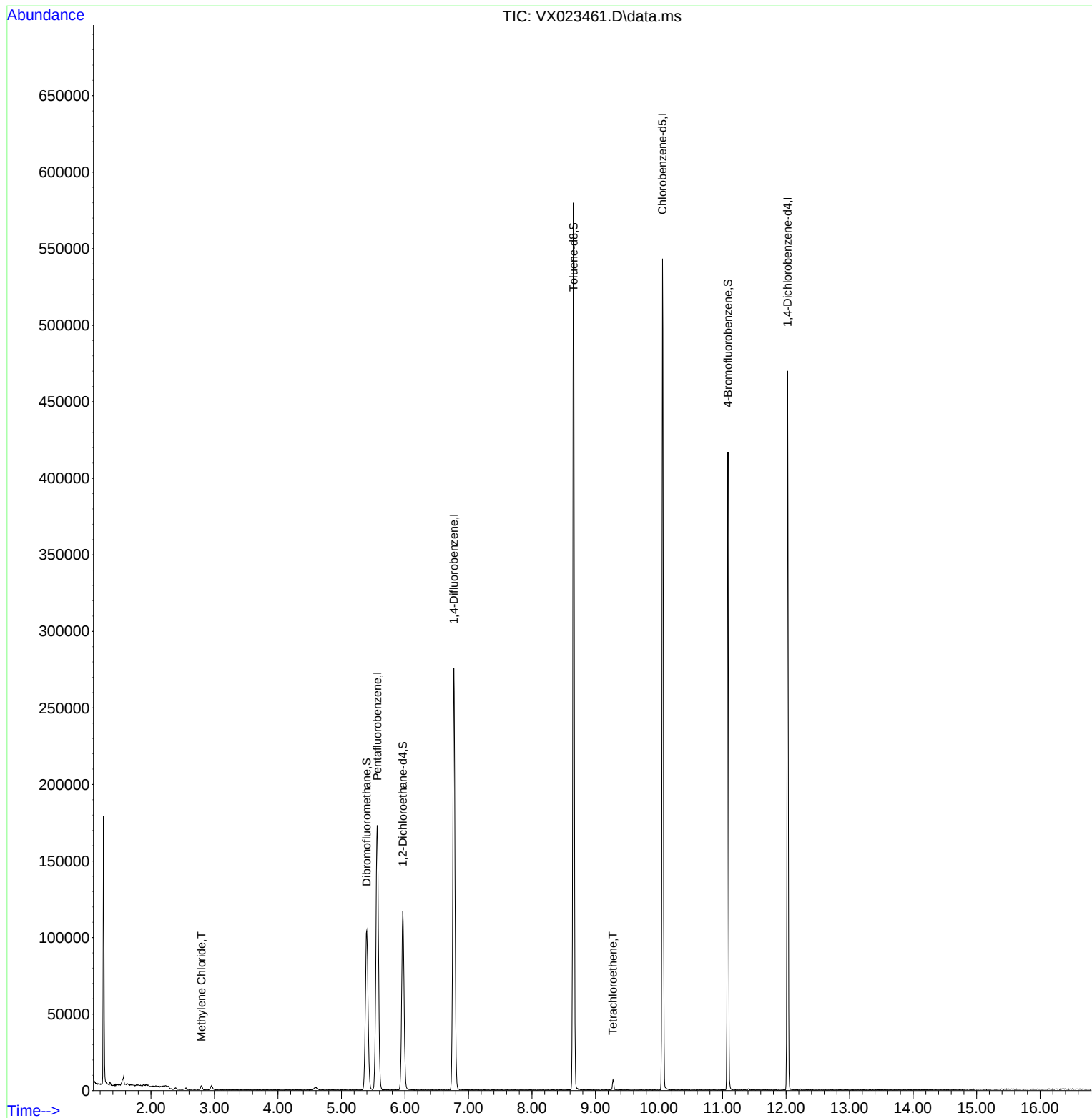
Internal Standards						
1) Pentafluorobenzene	5.562	168	166230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	278557	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242696	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109539	52.826	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.660%	
35) Dibromofluoromethane	5.397	113	91350	52.450	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.900%	
50) Toluene-d8	8.653	98	333341	52.093	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.180%	
62) 4-Bromofluorobenzene	11.085	95	102593	47.150	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.300%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	2.794	84	1238	0.626	ug/l #	85
64) Tetrachloroethene	9.275	164	1230	0.637	ug/l	88

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

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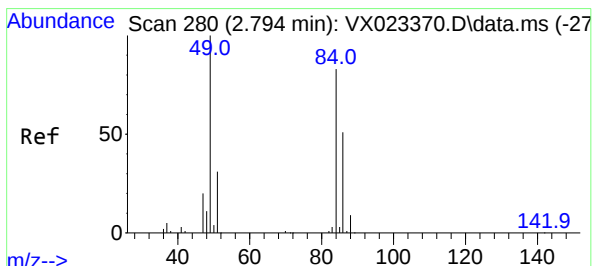
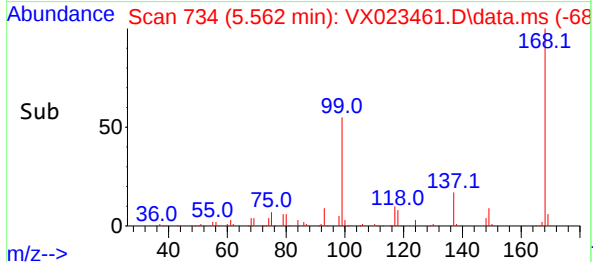
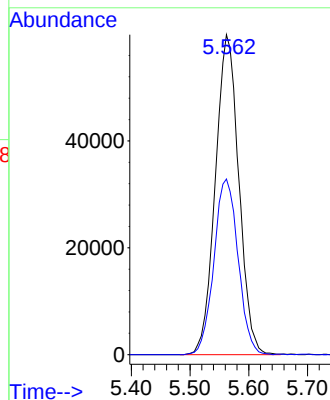
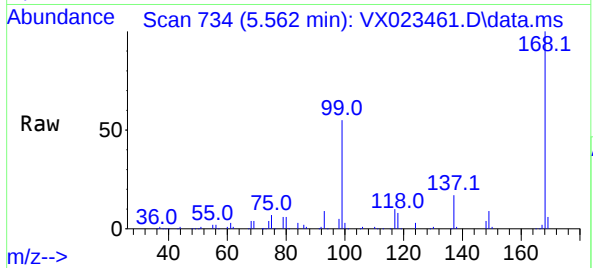




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

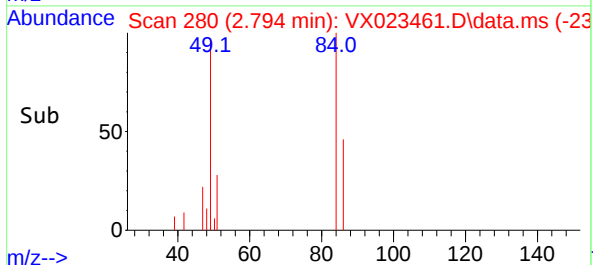
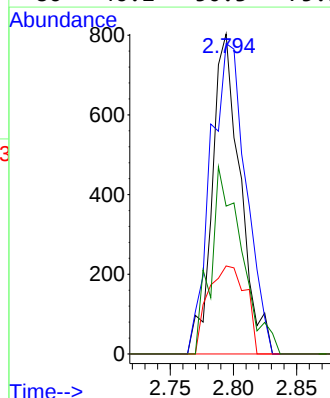
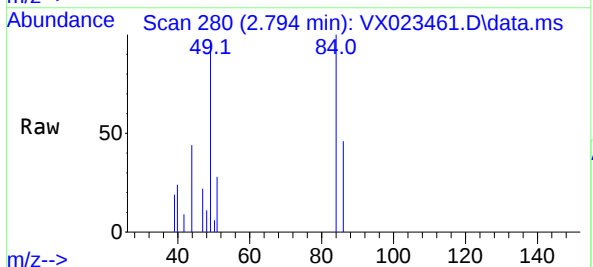
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PS

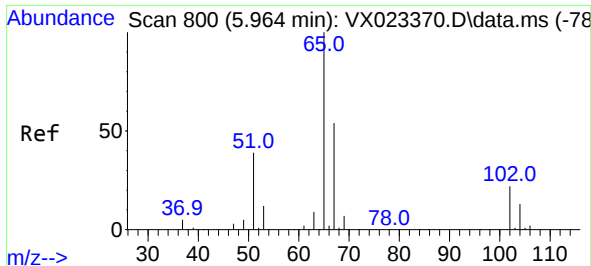
Tgt Ion:168 Resp: 166230
Ion Ratio Lower Upper
168 100
99 54.9 45.8 68.6



#20
Methylene Chloride
Concen: 0.626 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

Tgt Ion: 84 Resp: 1238
Ion Ratio Lower Upper
84 100
49 97.0 88.6 132.8
51 27.5 27.0 40.6
86 46.2 50.3 75.5#



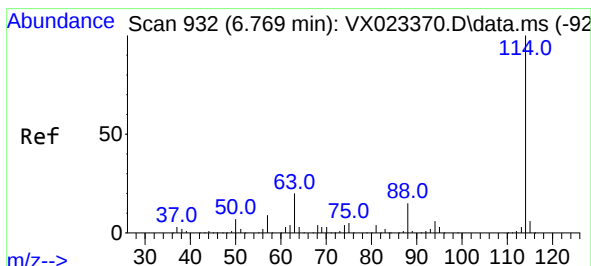
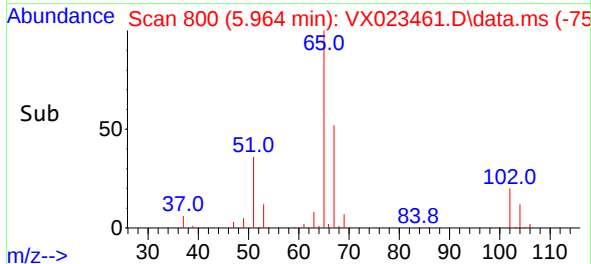
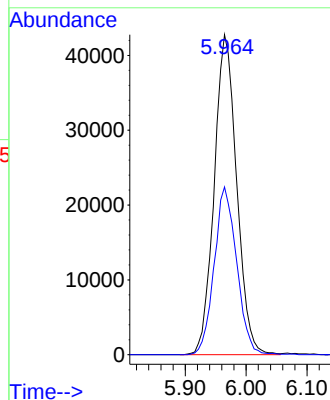
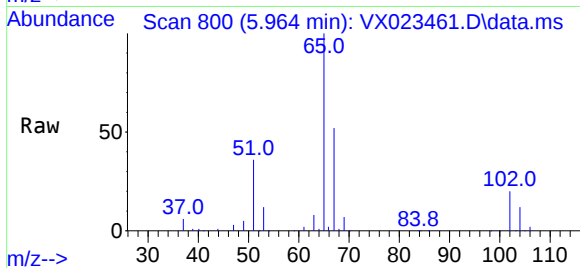


#33

1,2-Dichloroethane-d4
Concen: 52.826 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PS

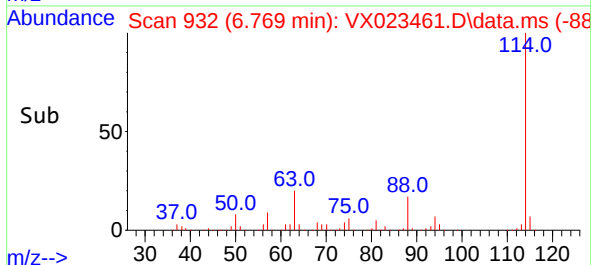
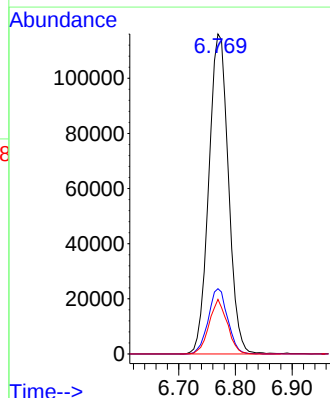
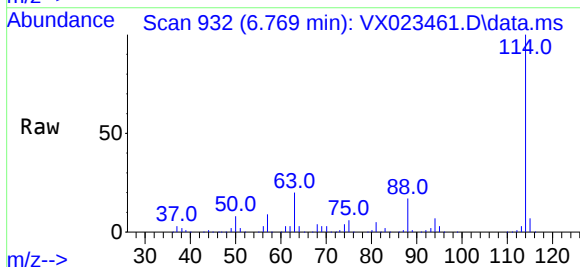
Tgt Ion: 65 Resp: 109539
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.4

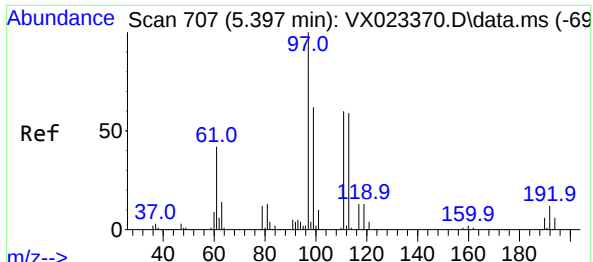


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

Tgt Ion: 114 Resp: 278557
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 17.1 0.0 32.8

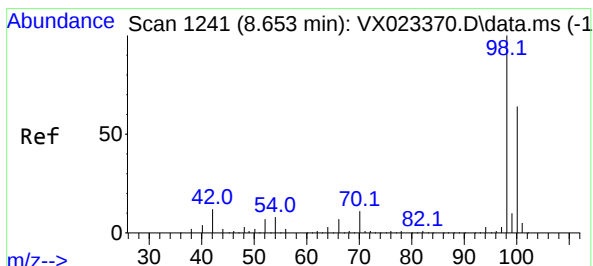
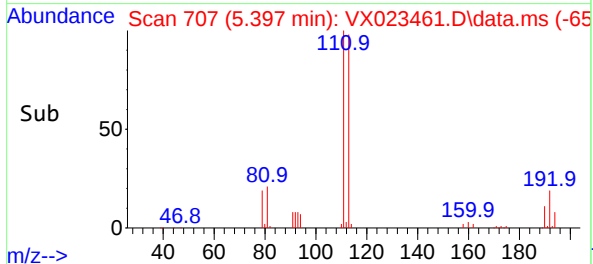
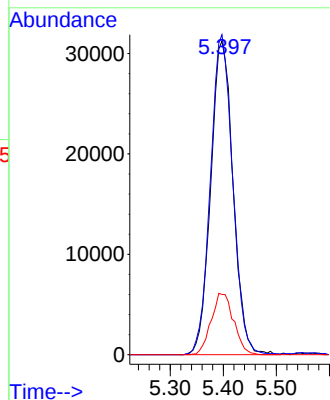
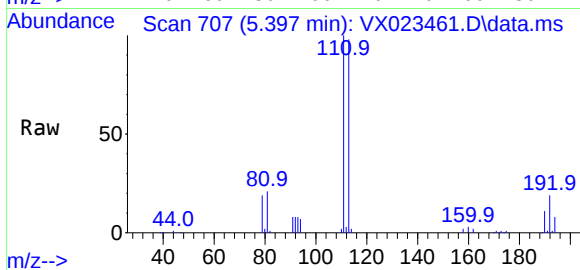




#35
Dibromofluoromethane
Concen: 52.450 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

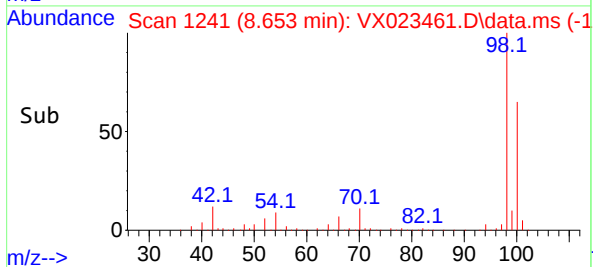
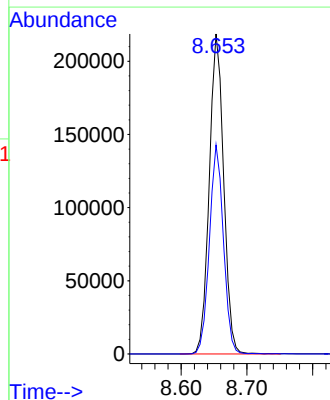
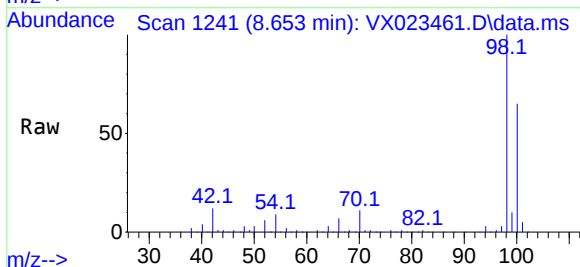
Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PS

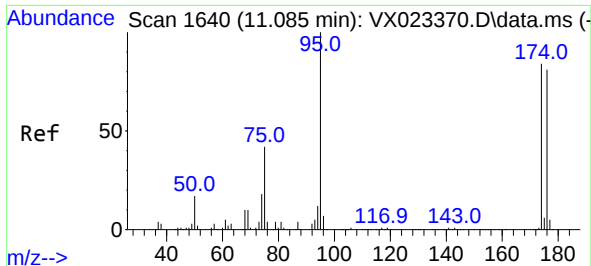
Tgt Ion:113 Resp: 91350
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.7 16.7 25.1



#50
Toluene-d8
Concen: 52.093 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

Tgt Ion: 98 Resp: 333341
Ion Ratio Lower Upper
98 100
100 63.6 51.9 77.9

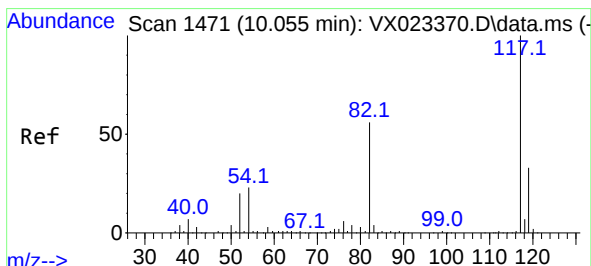
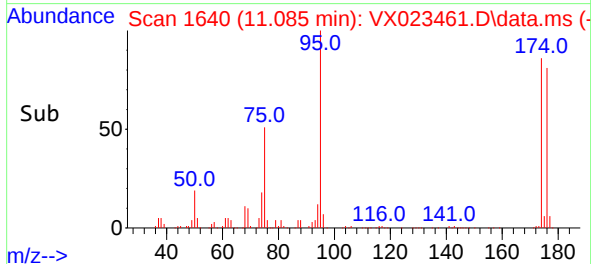
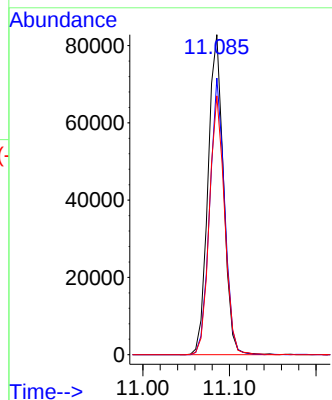
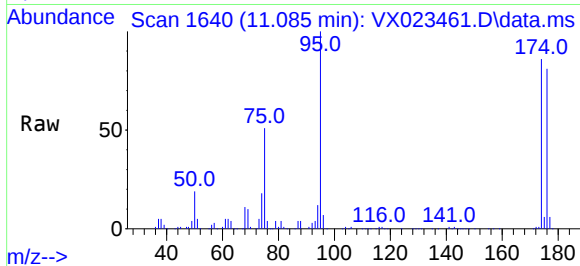




#62
4-Bromofluorobenzene
Concen: 47.150 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

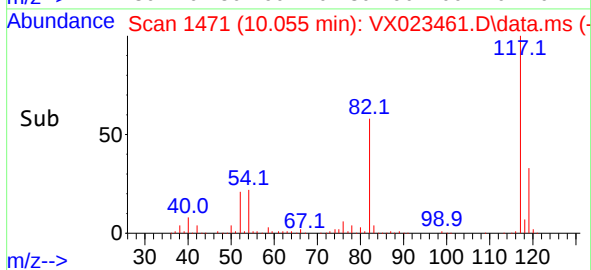
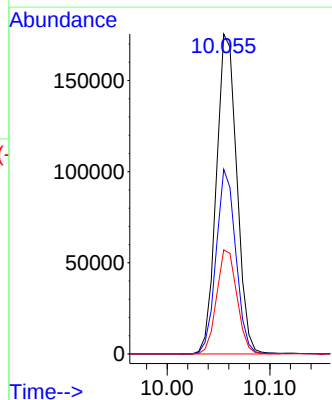
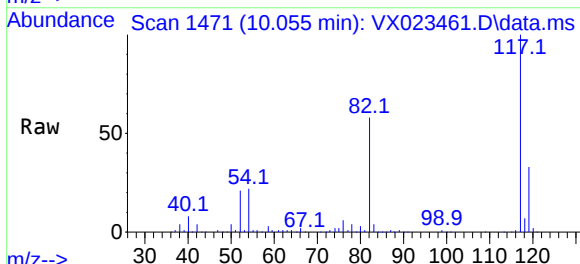
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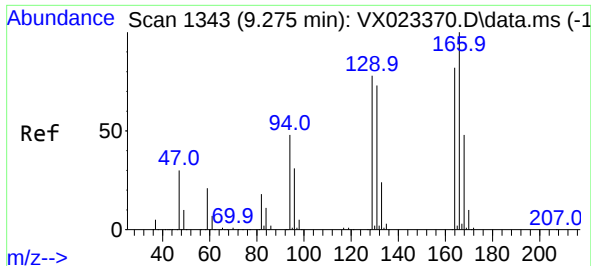
Tgt Ion: 95 Resp: 102593
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

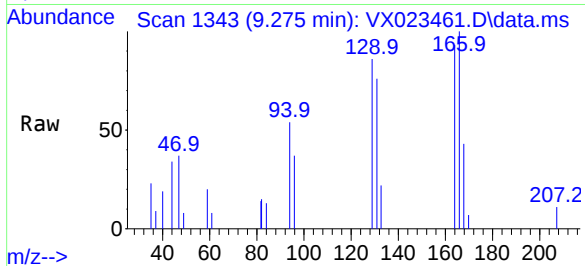
Tgt Ion: 117 Resp: 242696
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.6 26.6 39.8





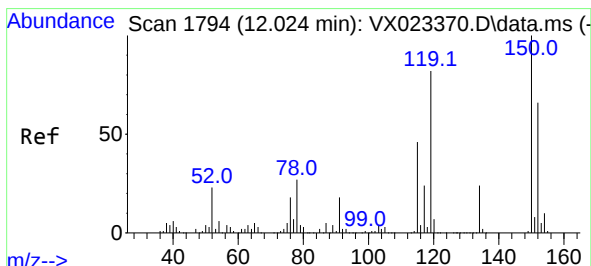
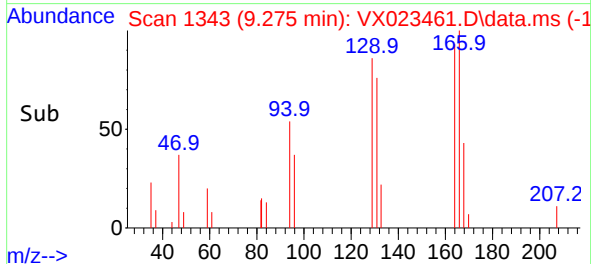
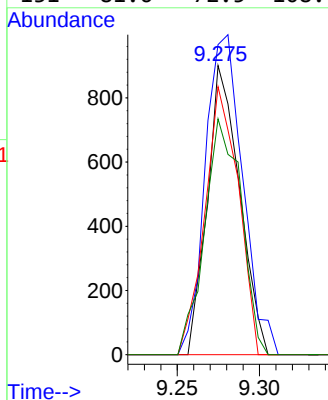
#64
Tetrachloroethene
Concen: 0.637 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023461.D
Acq: 26 Jul 2021 19:10

Instrument :
MSVOA_X
ClientSampleId :
152140-DDC-4-PS



Tgt Ion:164 Resp: 1230

Ion	Ratio	Lower	Upper
164	100		
166	107.2	103.4	155.2
129	92.7	70.8	106.2
131	81.6	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: VX023461.D
Acq: 26 Jul 2021 19:10

Tgt Ion:152 Resp: 95746

Ion	Ratio	Lower	Upper
152	100		
115	56.9	41.1	123.3
150	156.3	0.0	349.0

