

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100421\
 Data File : VX024515.D
 Acq On : 04 Oct 2021 13:14
 Operator : JC/MD
 Sample : M3911-01RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SW-RR-02-(1.0)RE

Quant Time: Oct 05 03:19:32 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)

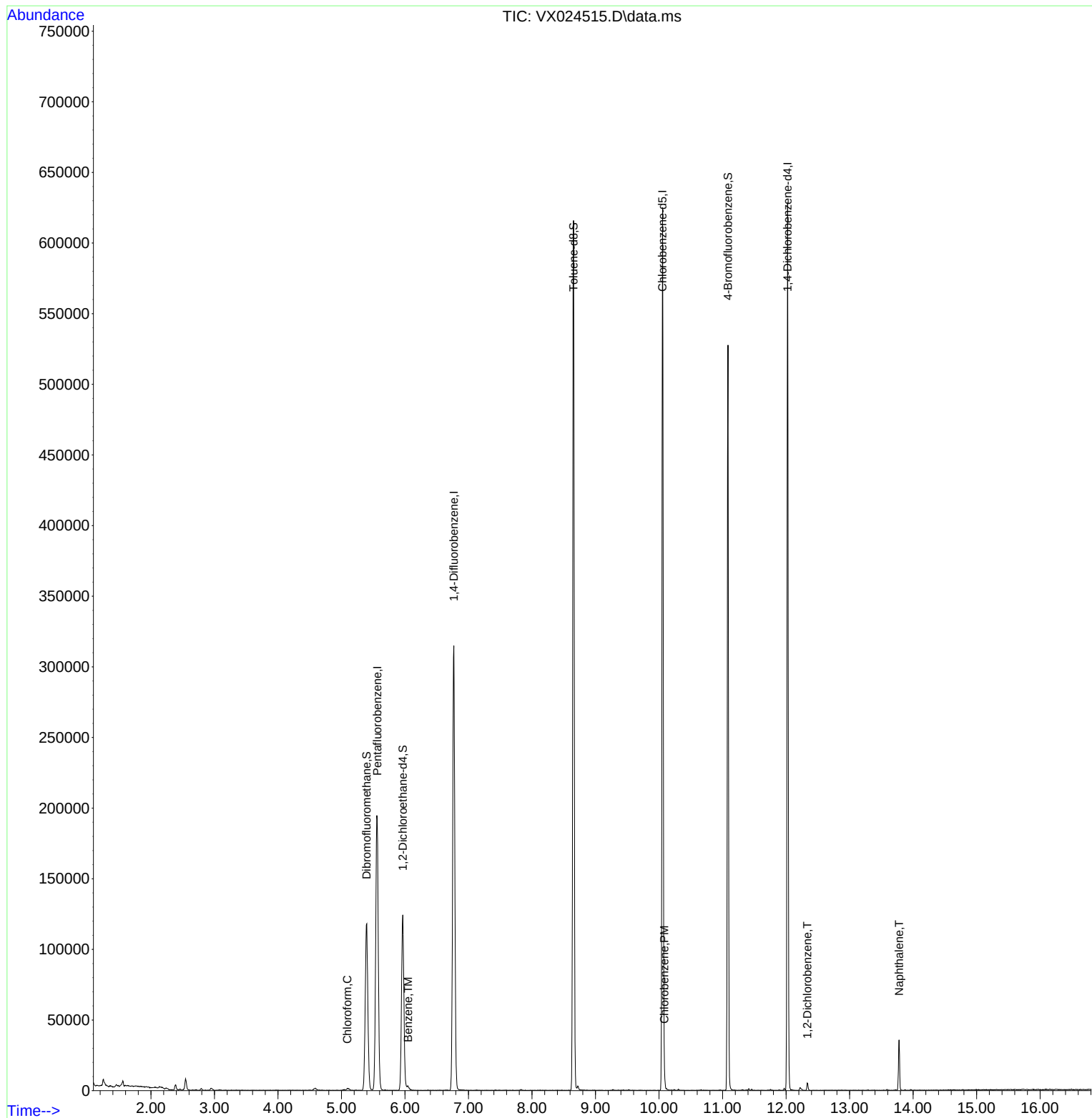
Internal Standards						
1) Pentafluorobenzene	5.562	168	181443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	323845	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272058	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	124298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	123843	48.43	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.86%		
35) Dibromofluoromethane	5.397	113	100443	46.69	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.38%		
50) Toluene-d8	8.653	98	374277	47.27	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	94.54%		
62) 4-Bromofluorobenzene	11.085	95	133588	42.91	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.82%		
Target Compounds						Qvalue
30) Chloroform	5.093	83	2018	0.53	ug/l	99
40) Benzene	6.050	78	2810	0.32	ug/l	91
65) Chlorobenzene	10.086	112	3960	0.70	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	1782	0.42	ug/l	87
95) Naphthalene	13.780	128	22482	2.59	ug/l	98

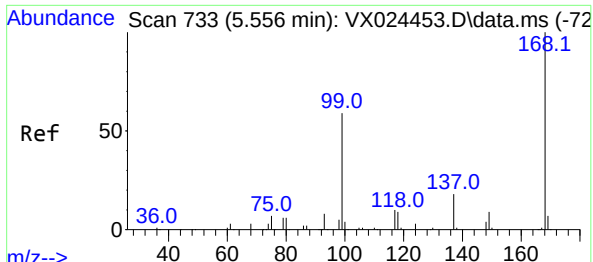
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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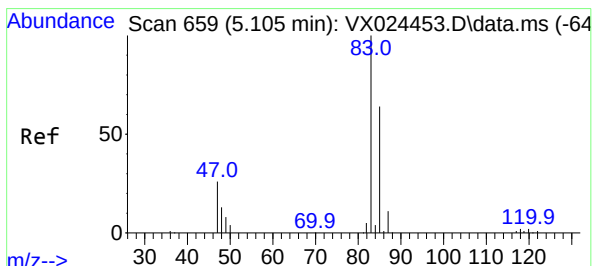
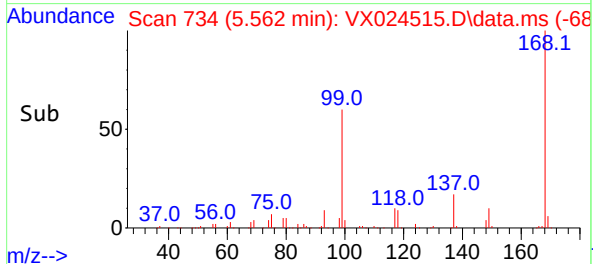
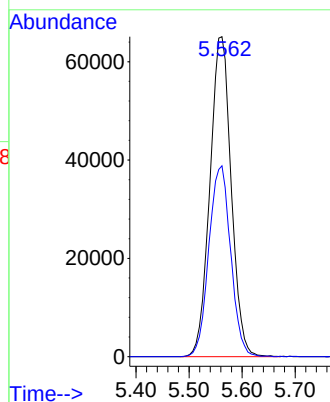
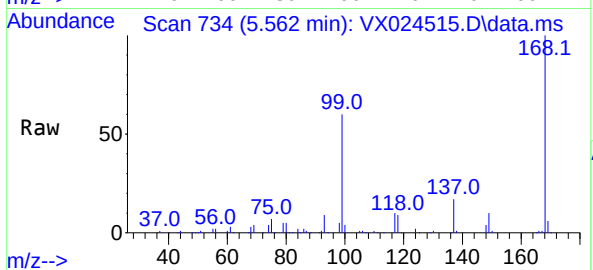




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

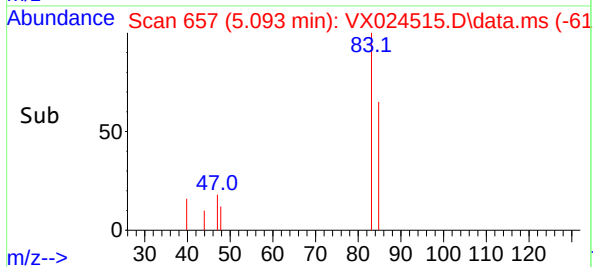
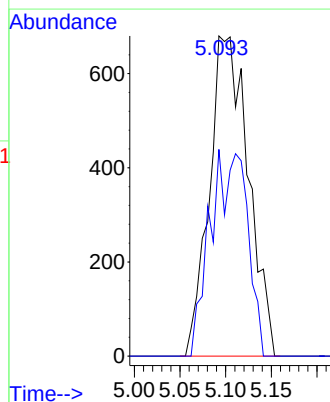
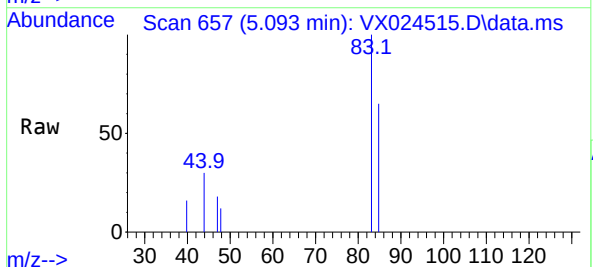
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

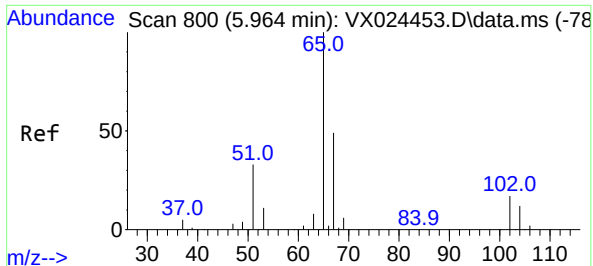
Tgt Ion:168 Resp: 181443
Ion Ratio Lower Upper
168 100
99 59.7 45.8 68.6



#30
Chloroform
Concen: 0.53 ug/l
RT: 5.093 min Scan# 657
Delta R.T. -0.012 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 83 Resp: 2018
Ion Ratio Lower Upper
83 100
85 64.6 52.0 78.0



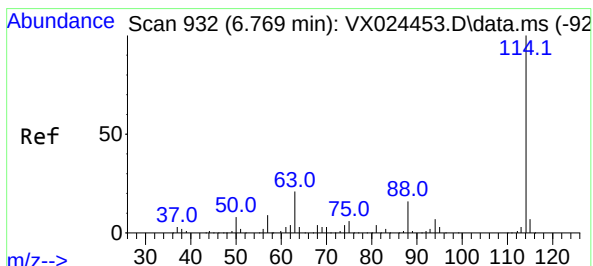
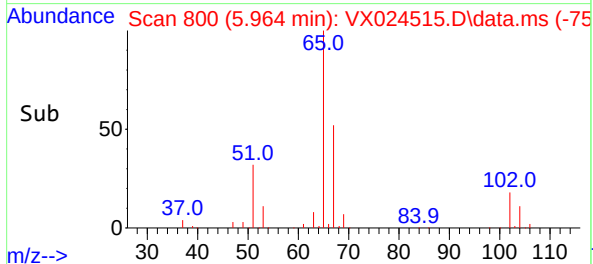
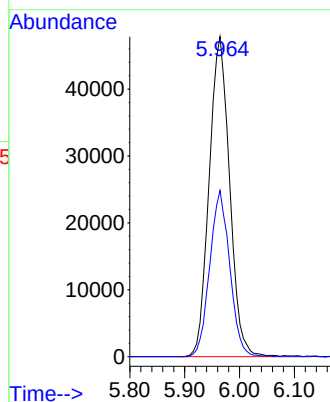
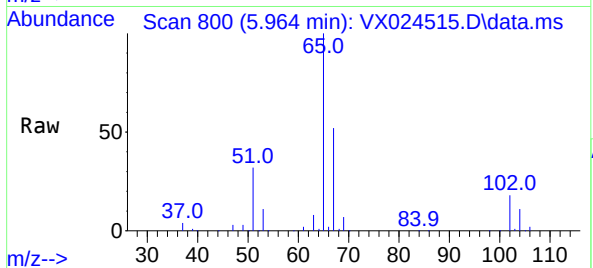


#33

1,2-Dichloroethane-d4
Concen: 48.43 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

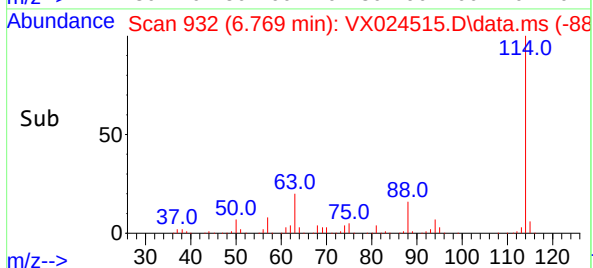
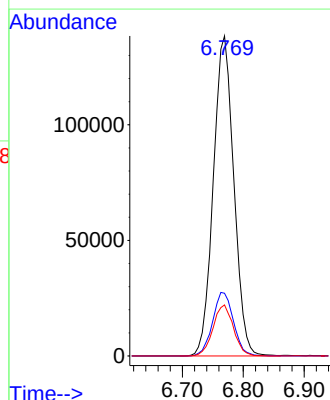
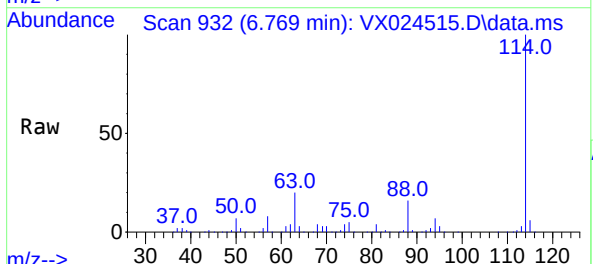
Tgt Ion: 65 Resp: 123843
Ion Ratio Lower Upper
65 100
67 50.8 0.0 105.4

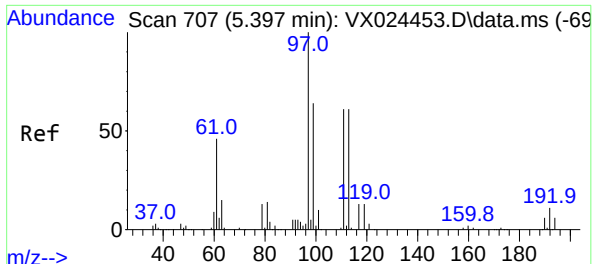


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 114 Resp: 323845
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 16.0 0.0 32.8

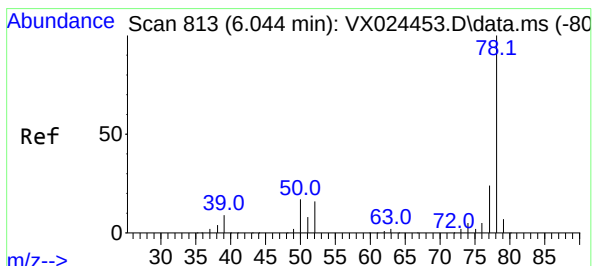
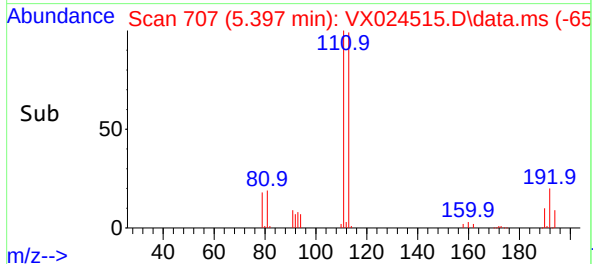
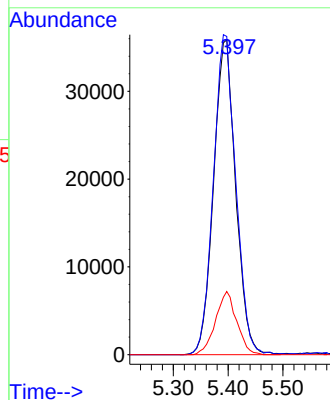
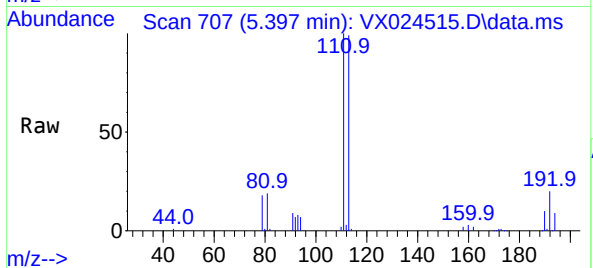




#35
Dibromofluoromethane
Concen: 46.69 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

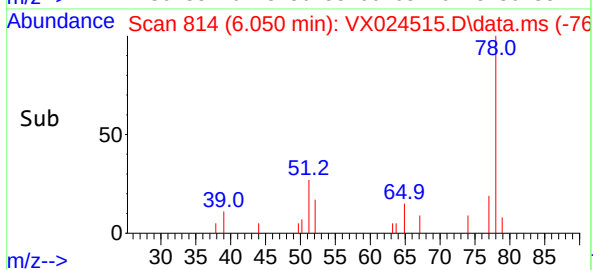
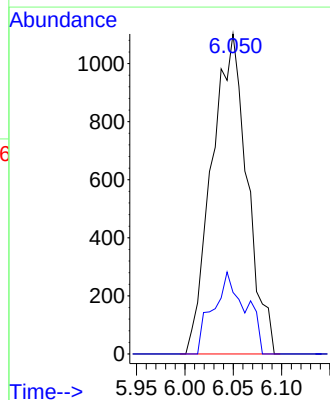
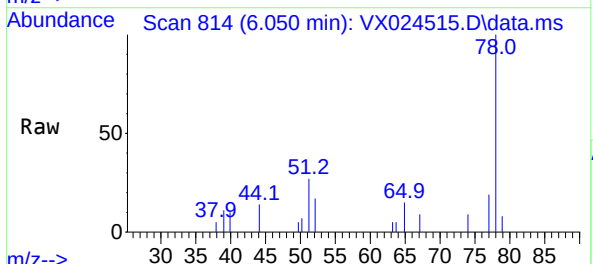
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

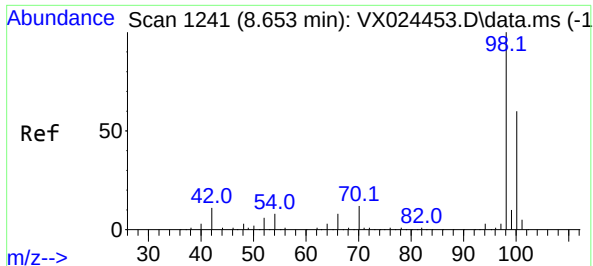
Tgt Ion:113 Resp: 100443
Ion Ratio Lower Upper
113 100
111 102.7 81.9 122.9
192 19.2 16.7 25.1



#40
Benzene
Concen: 0.32 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 78 Resp: 2810
Ion Ratio Lower Upper
78 100
77 19.2 18.9 28.3

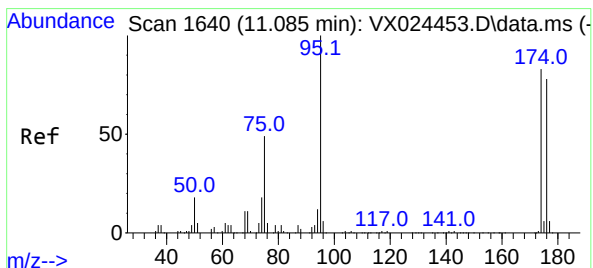
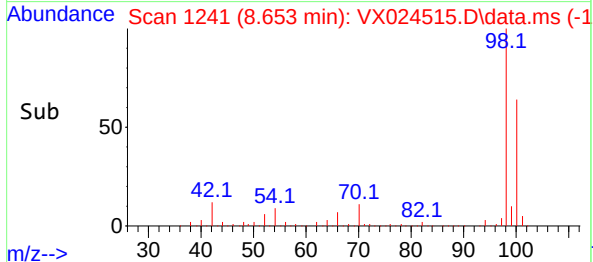
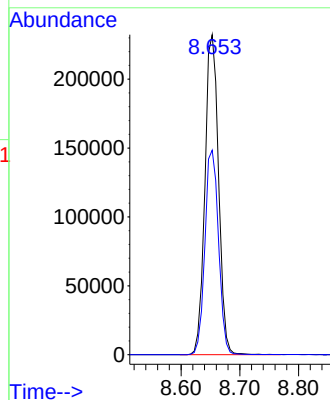
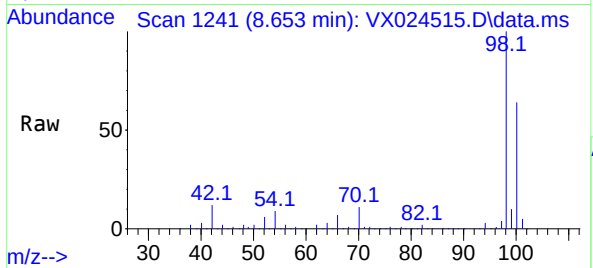




#50
Toluene-d8
Concen: 47.27 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

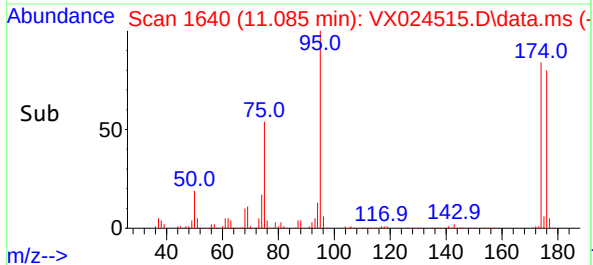
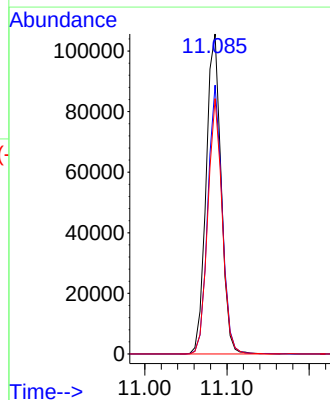
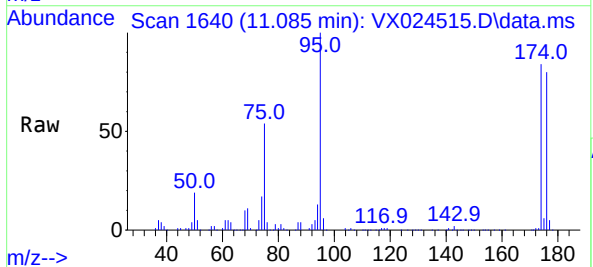
Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

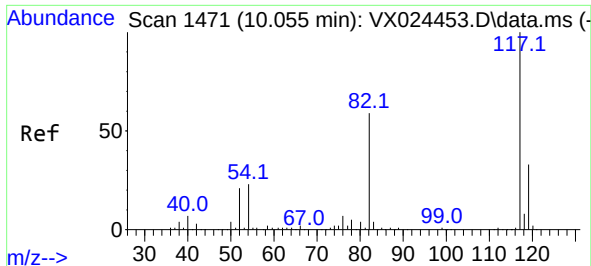
Tgt Ion: 98 Resp: 374277
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 42.91 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion: 95 Resp: 133588
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 76.6 0.0 155.8

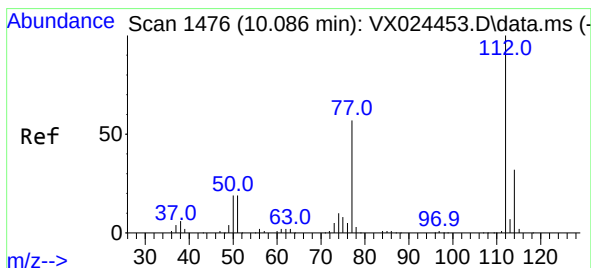
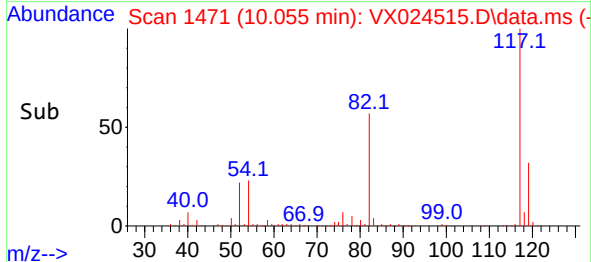
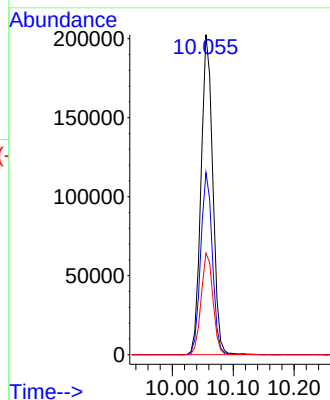
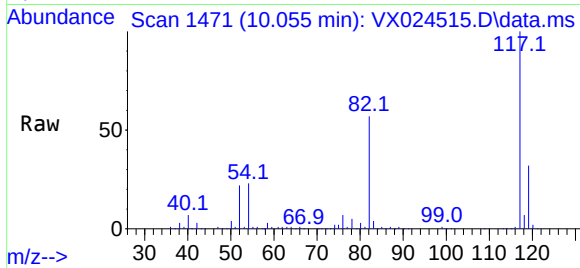




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

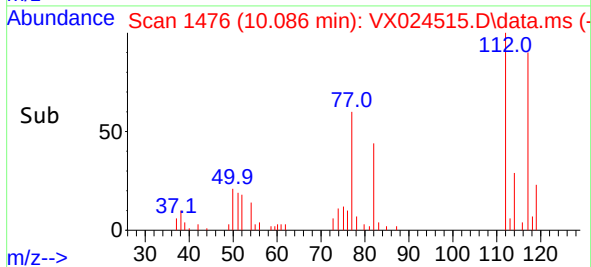
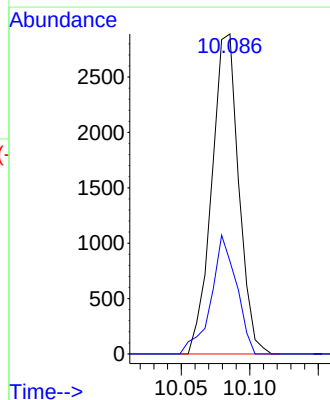
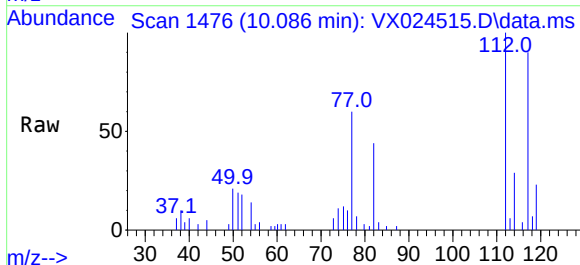
Instrument :
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ClientSampleId :
SW-RR-02-(1.0)RE

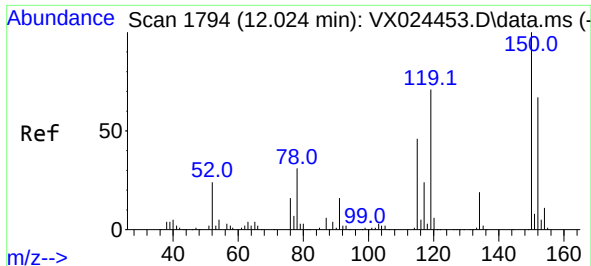
Tgt Ion:117 Resp: 272058
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.7 26.6 39.8



#65
Chlorobenzene
Concen: 0.70 ug/l
RT: 10.086 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion:112 Resp: 3960
Ion Ratio Lower Upper
112 100
114 28.9 25.8 38.6

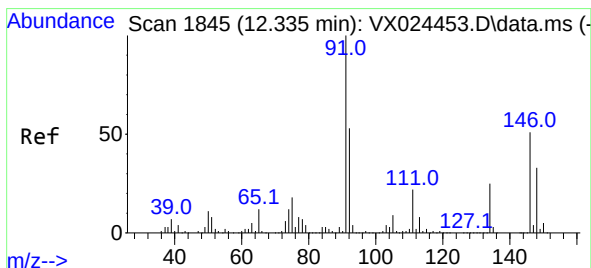
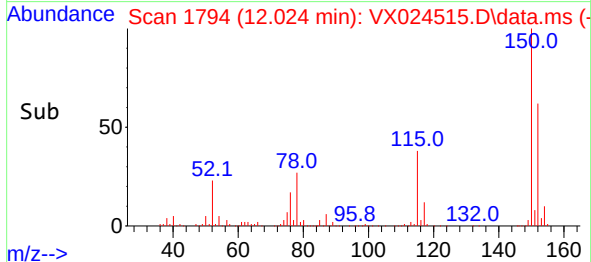
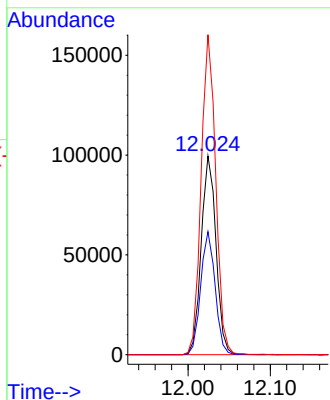
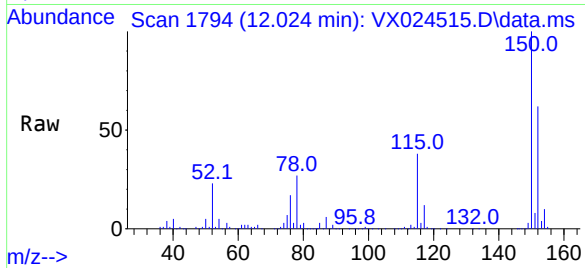




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

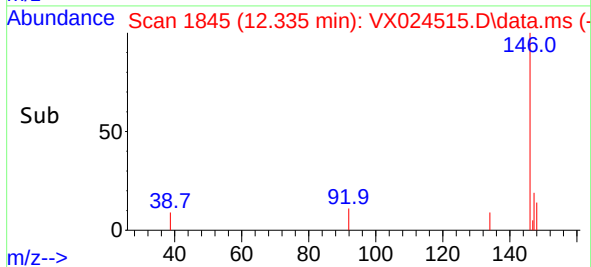
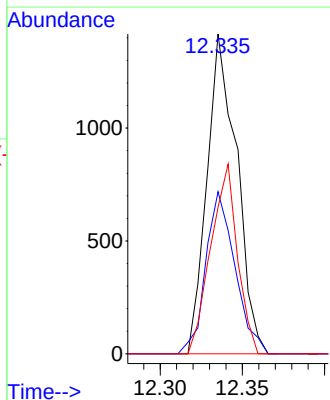
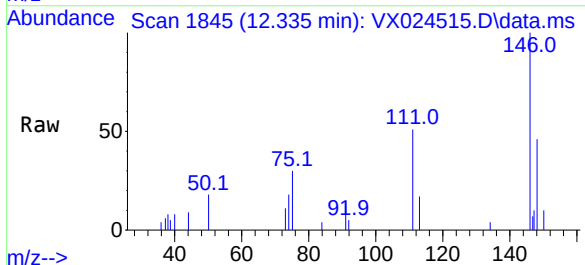
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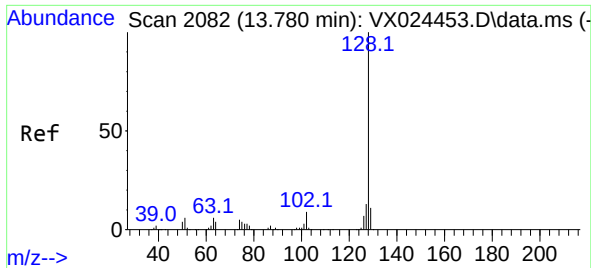
Tgt Ion:152 Resp: 124298
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.8 0.0 349.0



#91
1,2-Dichlorobenzene
Concen: 0.42 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Tgt Ion:146 Resp: 1782
Ion Ratio Lower Upper
146 100
111 49.8 20.8 62.2
148 53.0 31.9 95.5





#95
Naphthalene
Concen: 2.59 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX024515.D
Acq: 04 Oct 2021 13:14

Instrument :
MSVOA_X
ClientSampleId :
SW-RR-02-(1.0)RE

Tgt Ion:	128	Resp:	22482
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.3	15.5
129	12.4	8.8	13.2

