

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112822\
 Data File : VN075448.D
 Acq On : 28 Nov 2022 15:00
 Operator : JC\MD
 Sample : N5757-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20221121

Quant Time: Nov 29 05:32:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

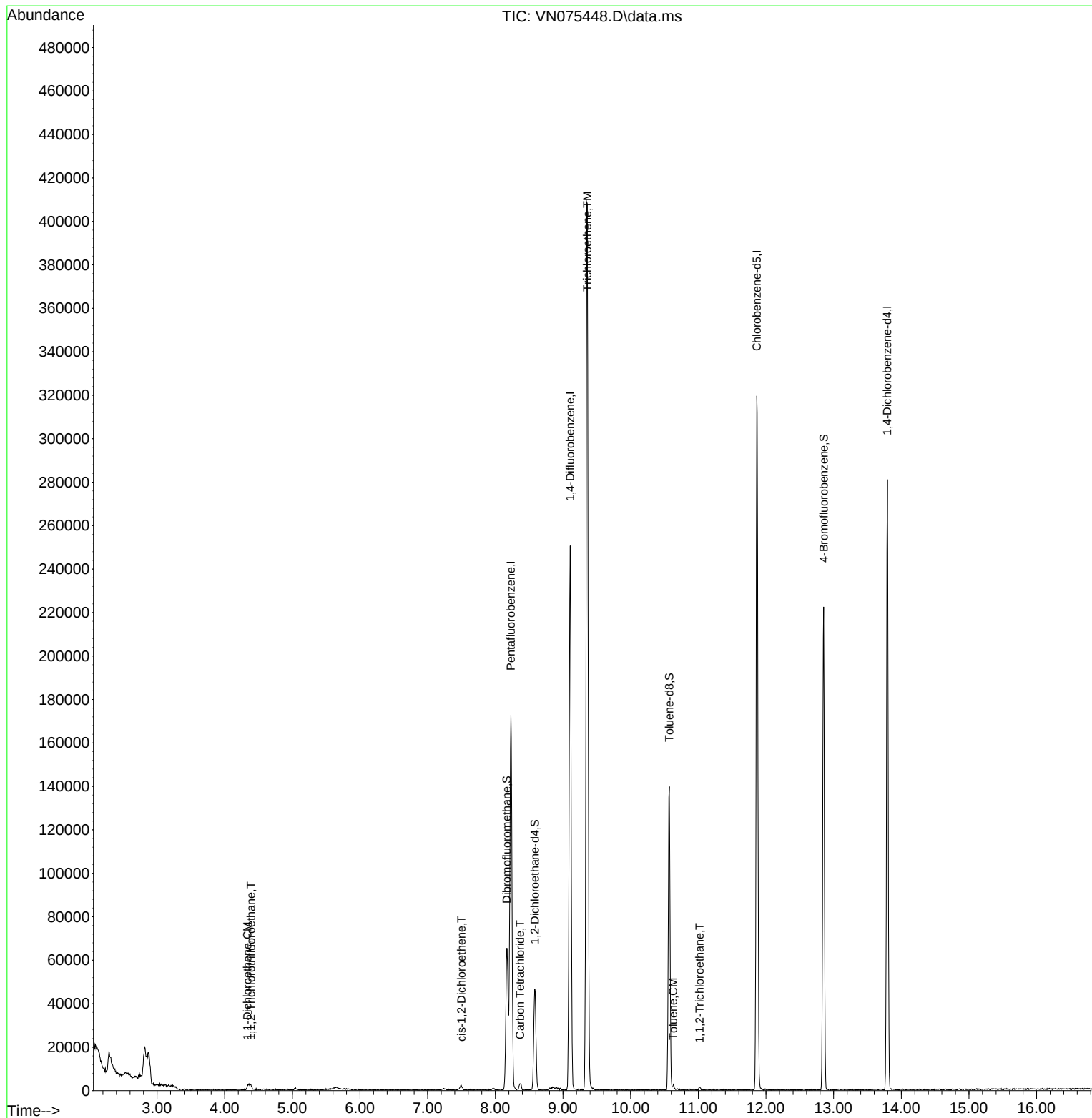
Internal Standards						
1) Pentafluorobenzene	8.229	168	130344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	229912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	200693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	39726	56.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.560%	
35) Dibromofluoromethane	8.171	113	47941	53.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.160%	
50) Toluene-d8	10.571	98	100733	49.520	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.040%	
62) 4-Bromofluorobenzene	12.853	95	77720	51.763	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.520%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.389	101	1403	1.138	ug/l #	75
12) 1,1-Dichloroethene	4.336	96	1301	1.078	ug/l #	46
27) cis-1,2-Dichloroethene	7.500	96	1742	1.120	ug/l	68
38) Carbon Tetrachloride	8.365	117	2397	1.108	ug/l #	79
44) Trichloroethene	9.359	130	154588	93.687	ug/l	92
52) Toluene	10.629	92	1314	0.338	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	573	0.362	ug/l #	82

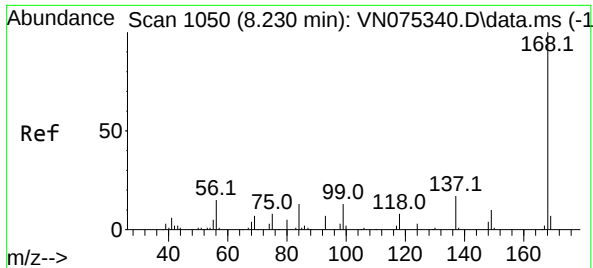
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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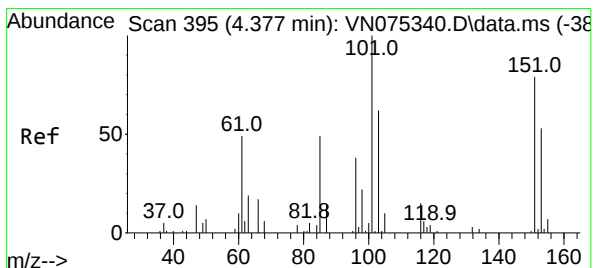
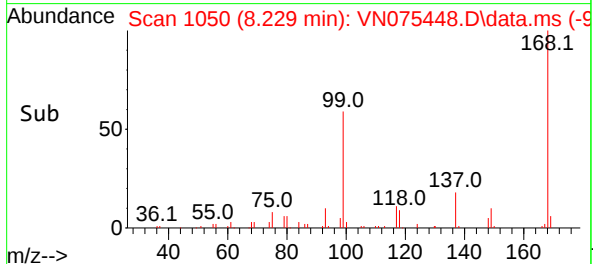
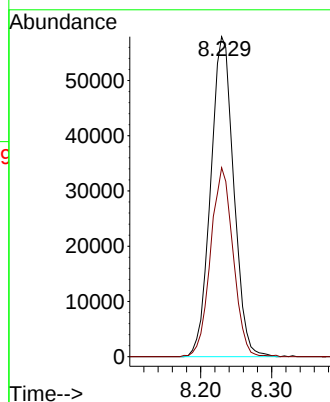
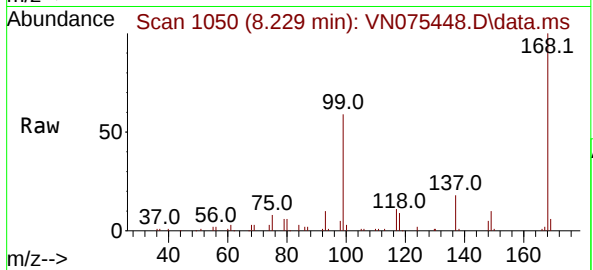




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

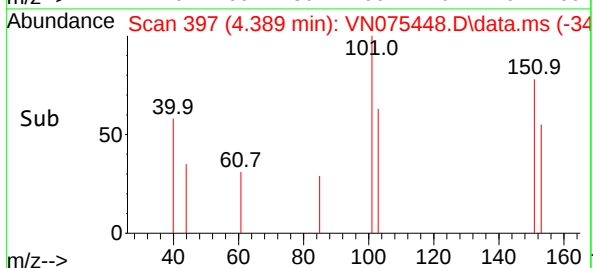
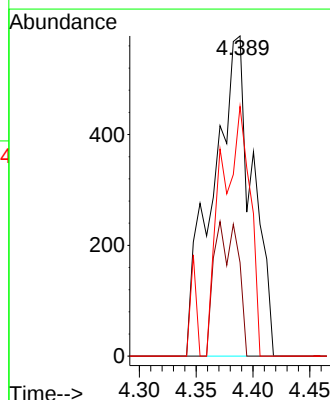
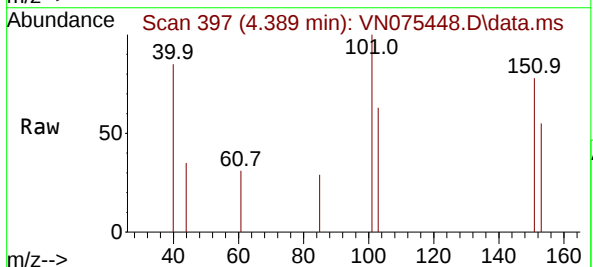
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

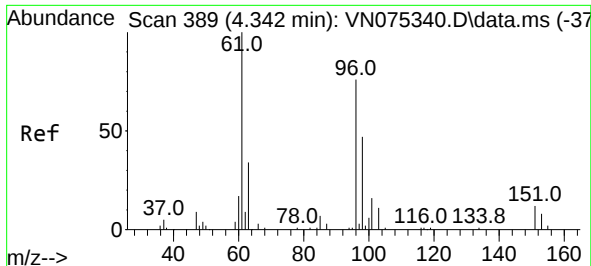
Tgt Ion:168 Resp: 130344
Ion Ratio Lower Upper
168 100
99 59.1 51.6 77.4



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.138 ug/l
RT: 4.389 min Scan# 397
Delta R.T. 0.012 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion:101 Resp: 1403
Ion Ratio Lower Upper
101 100
85 24.9 37.6 56.4#
151 56.4 58.3 87.5#

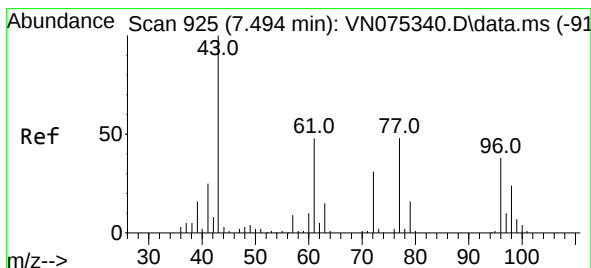
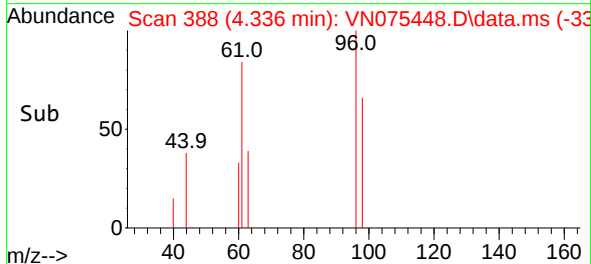
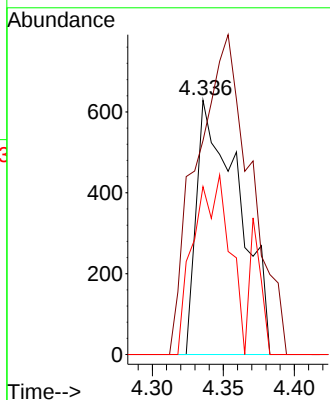
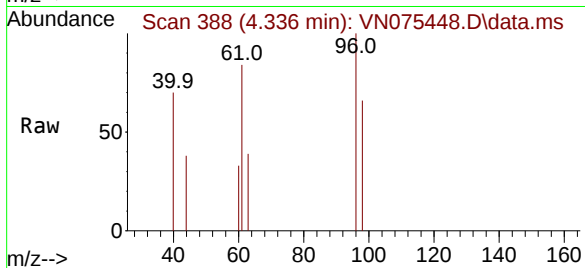




#12
1,1-Dichloroethene
Concen: 1.078 ug/l
RT: 4.336 min Scan# 389
Delta R.T. -0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

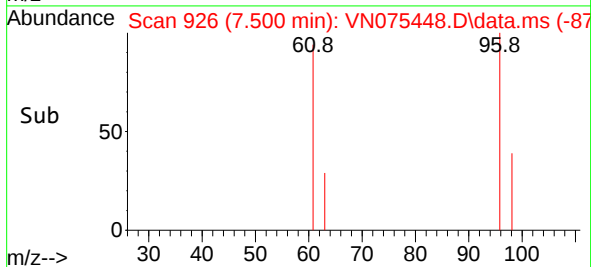
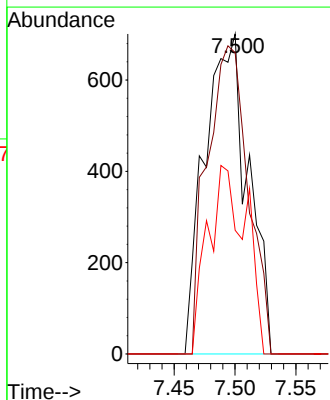
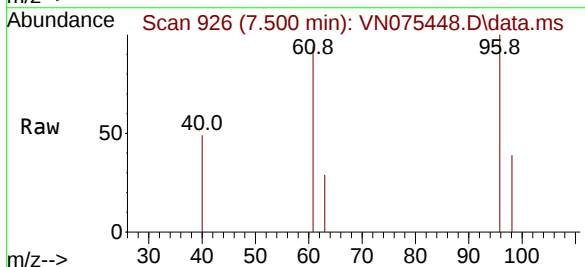
Instrument :
MSVOA_N
ClientSampleId :
DUP03-20221121

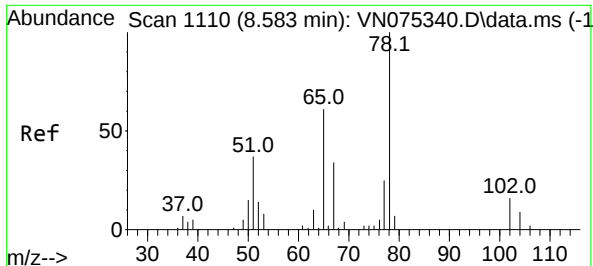
Tgt Ion: 96 Resp: 1301
Ion Ratio Lower Upper
96 100
61 59.5 126.2 189.4#
98 66.0 51.5 77.3



#27
cis-1,2-Dichloroethene
Concen: 1.120 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 96 Resp: 1742
Ion Ratio Lower Upper
96 100
61 91.0 0.0 278.8
98 51.8 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 56.778 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075448.D

Acq: 28 Nov 2022 15:00

Instrument :

MSVOA_N

ClientSampleId :

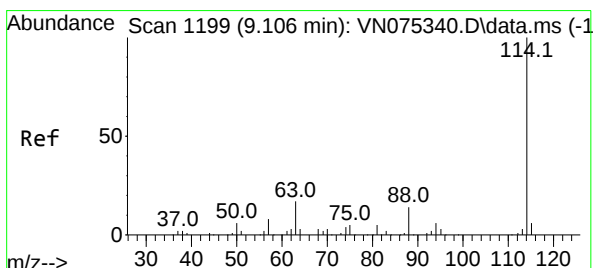
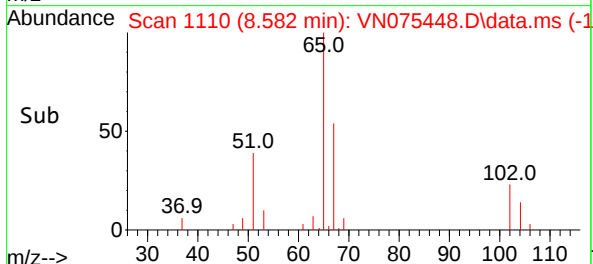
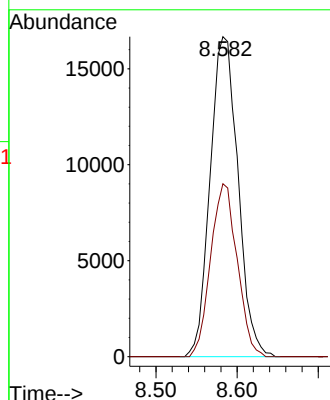
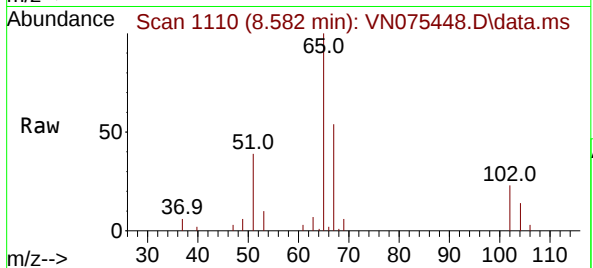
DUP03-20221121

Tgt Ion: 65 Resp: 39726

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075448.D

Acq: 28 Nov 2022 15:00

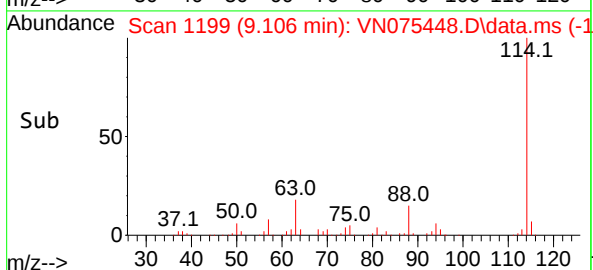
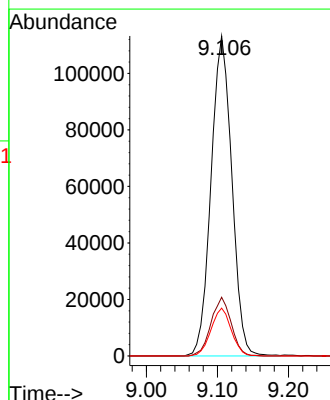
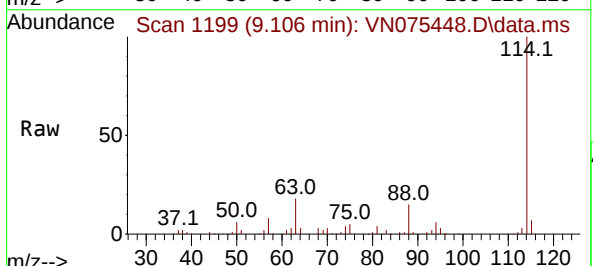
Tgt Ion: 114 Resp: 229912

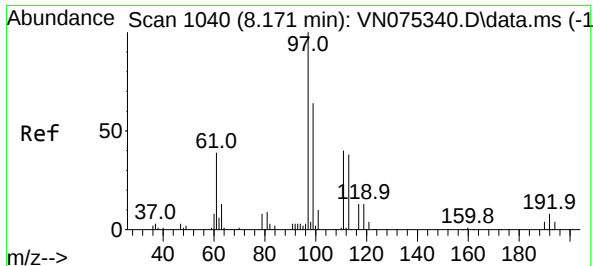
Ion Ratio Lower Upper

114 100

63 18.4 0.0 39.6

88 15.0 0.0 29.0

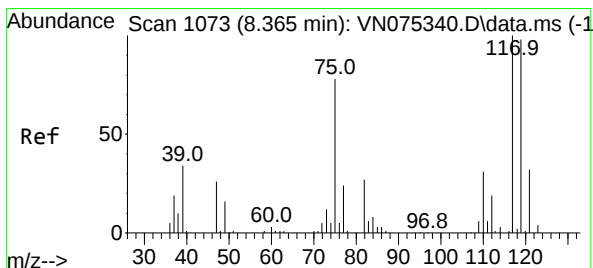
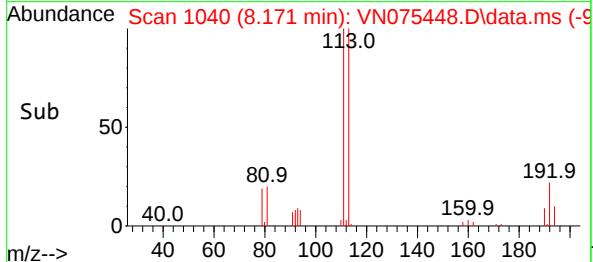
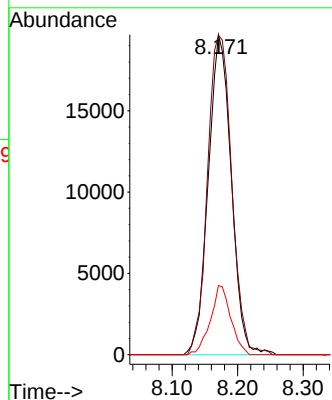
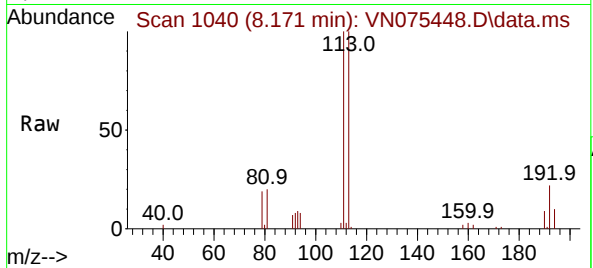




#35
Dibromofluoromethane
Concen: 53.081 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

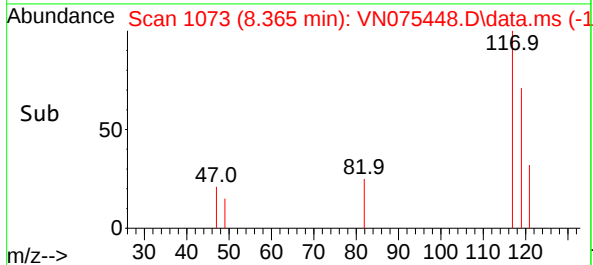
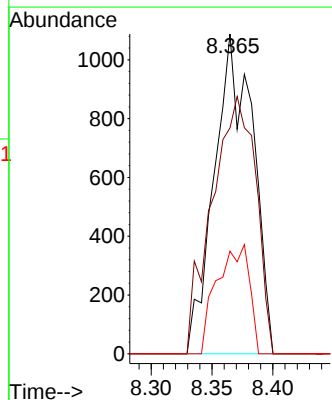
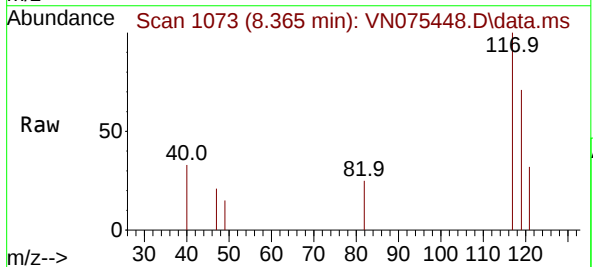
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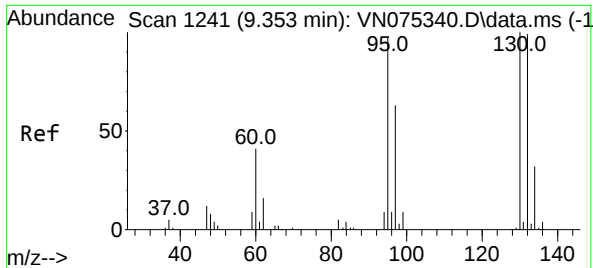
Tgt Ion:113 Resp: 47941
Ion Ratio Lower Upper
113 100
111 104.7 80.5 120.7
192 19.1 13.2 19.8



#38
Carbon Tetrachloride
Concen: 1.108 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion:117 Resp: 2397
Ion Ratio Lower Upper
117 100
119 70.6 76.7 115.1#
121 32.1 23.9 35.9

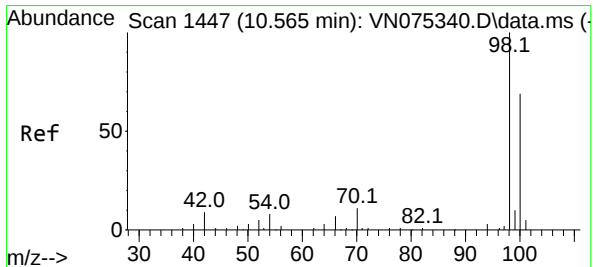
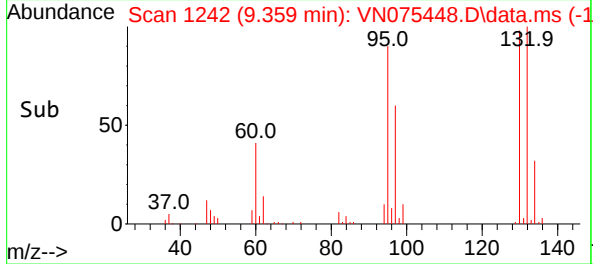
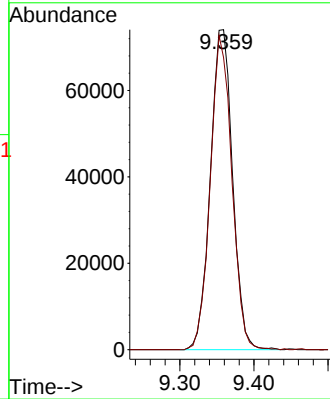
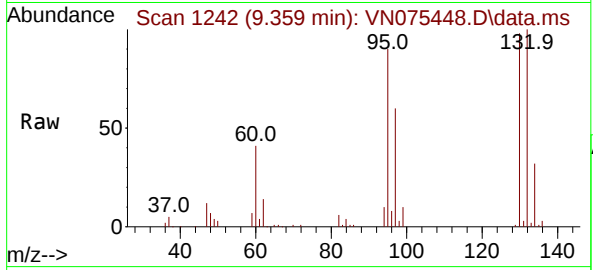




#44
Trichloroethene
Concen: 93.687 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

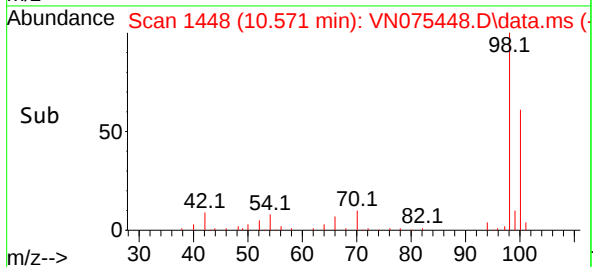
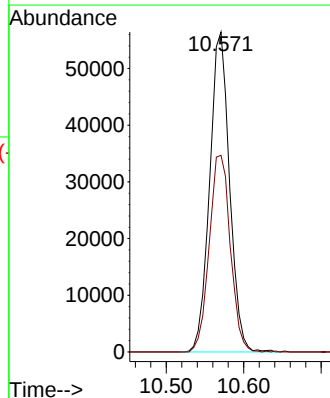
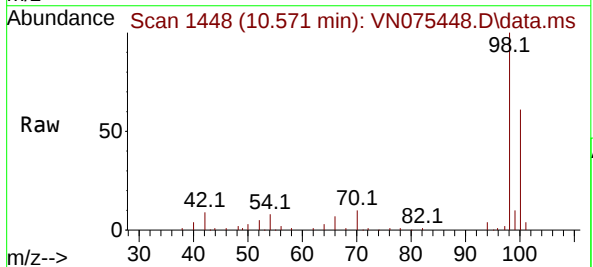
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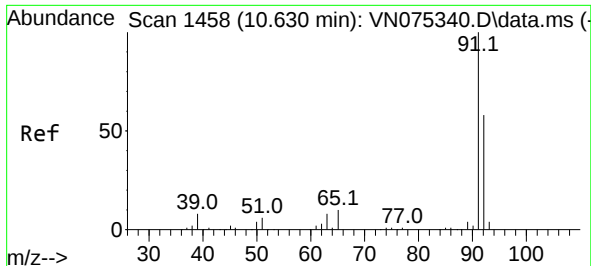
Tgt Ion:130 Resp: 154588
Ion Ratio Lower Upper
130 100
95 91.3 0.0 198.4



#50
Toluene-d8
Concen: 49.520 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 98 Resp: 100733
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.6

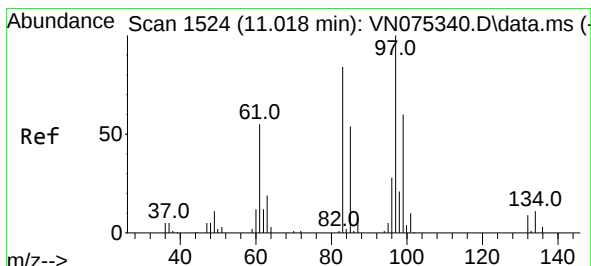
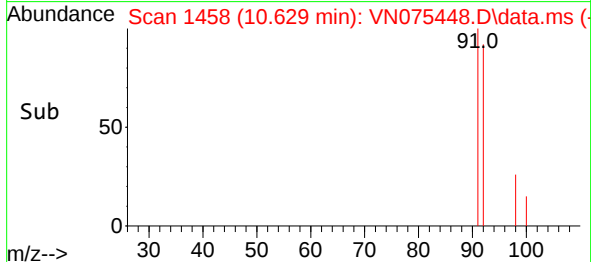
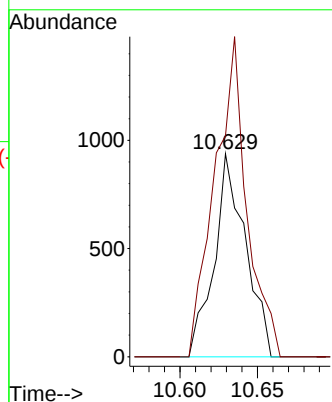
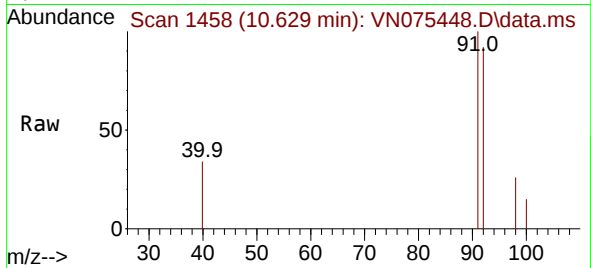




#52
Toluene
Concen: 0.338 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.001 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

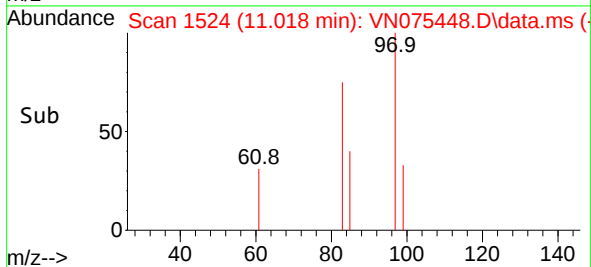
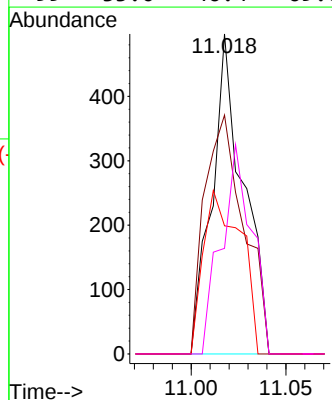
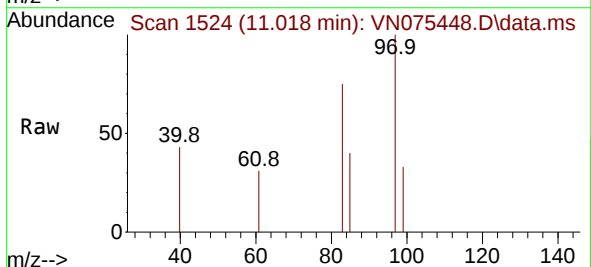
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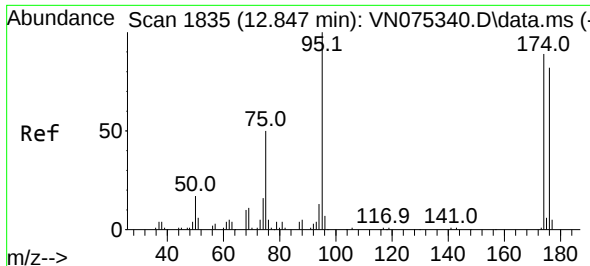
Tgt Ion: 92 Resp: 1314
Ion Ratio Lower Upper
92 100
91 161.8 135.4 203.2



#55
1,1,2-Trichloroethane
Concen: 0.362 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

Tgt Ion: 97 Resp: 573
Ion Ratio Lower Upper
97 100
83 74.6 65.9 98.9
85 40.0 40.4 60.6#
99 33.0 46.4 69.6#

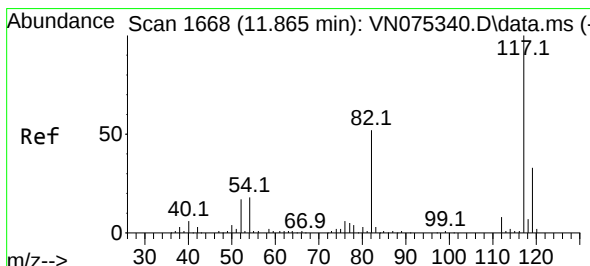
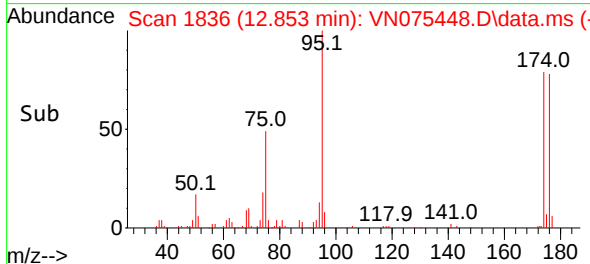
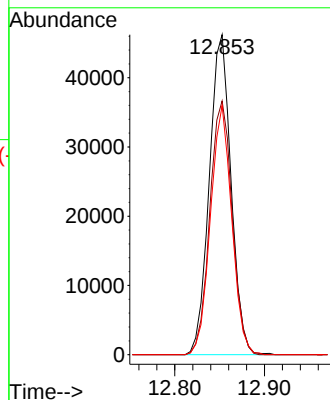
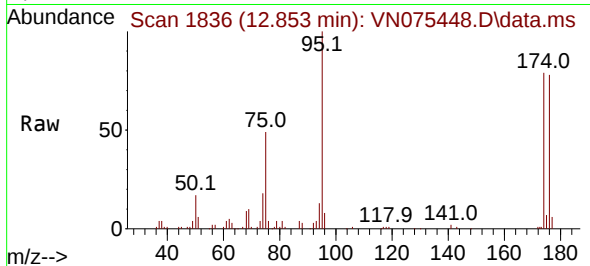




#62
4-Bromofluorobenzene
Concen: 51.763 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

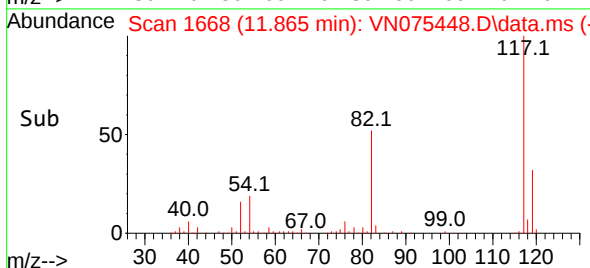
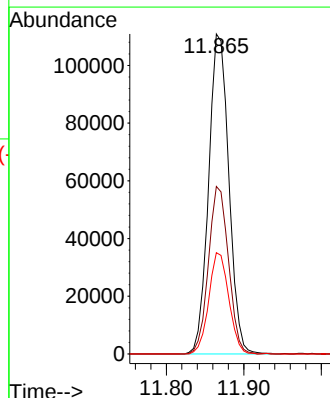
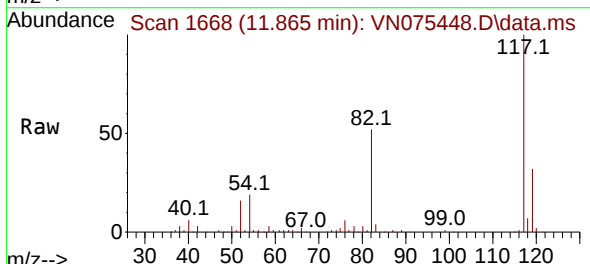
Instrument :
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DUP03-20221121

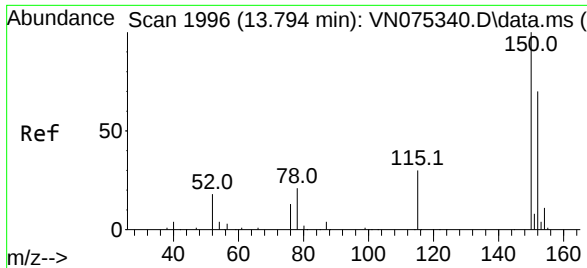
Tgt Ion: 95 Resp: 77720
Ion Ratio Lower Upper
95 100
174 81.6 0.0 147.4
176 76.1 0.0 142.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN075448.D
Acq: 28 Nov 2022 15:00

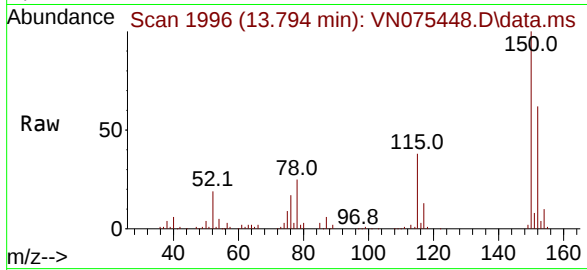
Tgt Ion: 117 Resp: 200693
Ion Ratio Lower Upper
117 100
82 52.3 43.1 64.7
119 31.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN075448.D
 Acq: 28 Nov 2022 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP03-20221121



Tgt Ion:	152	Resp:	78958
Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.2	90.6
150	158.0	0.0	348.4

