

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077064.D
 Acq On : 20 Mar 2023 13:28
 Operator : JC\MD
 Sample : 01904-08DL 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20230313DL

Quant Time: Mar 21 05:35:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

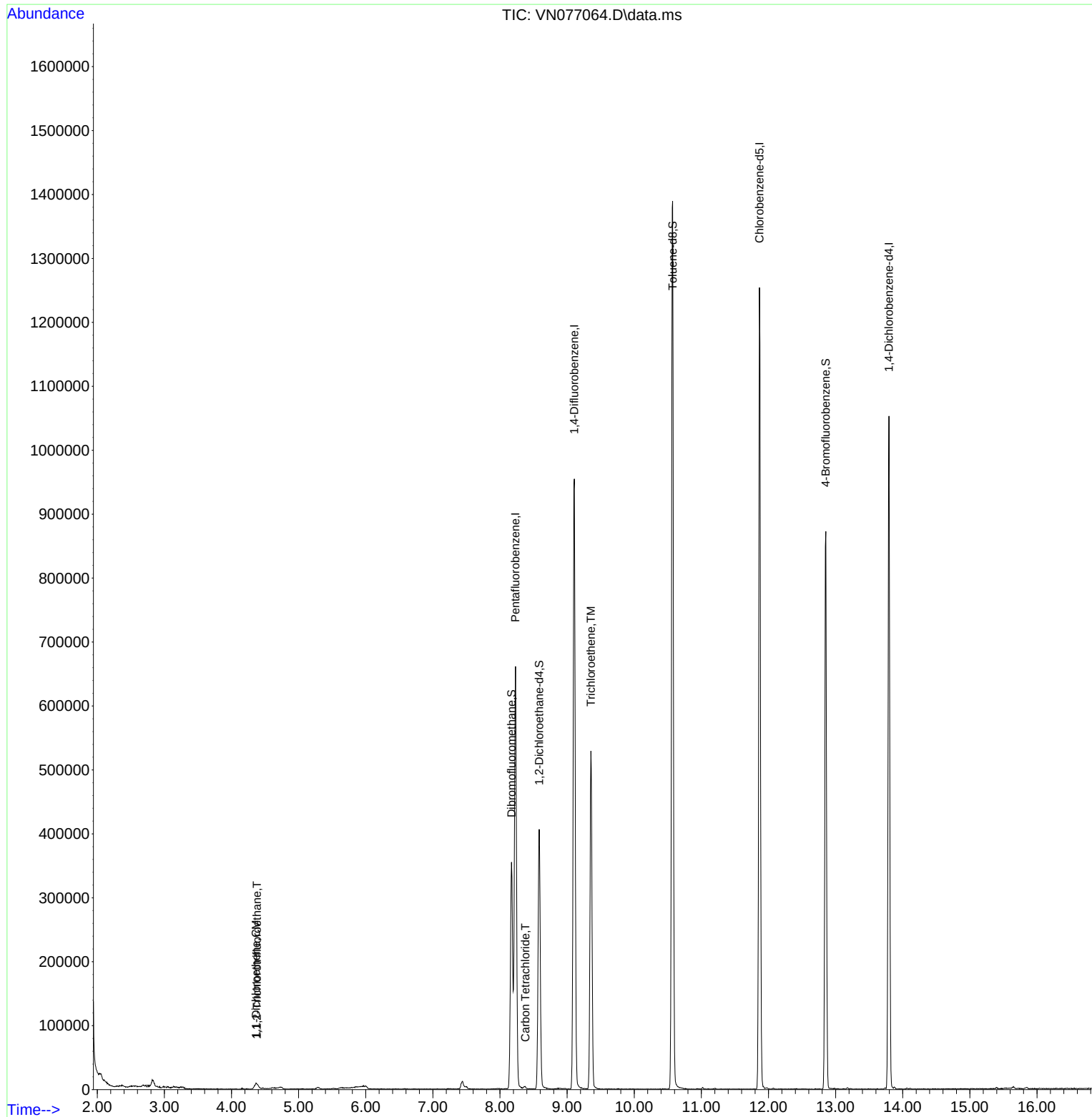
Internal Standards						
1) Pentafluorobenzene	8.231	168	452879	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	813794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	710836	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	269637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	332865	46.014	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.020%
35) Dibromofluoromethane	8.172	113	255280	44.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.580%
50) Toluene-d8	10.572	98	977335	48.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.020%
62) 4-Bromofluorobenzene	12.854	95	316719	44.027	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.060%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.378	101	4157	0.692	ug/l #	74
12) 1,1-Dichloroethene	4.366	96	4027	0.732	ug/l	98
38) Carbon Tetrachloride	8.378	117	2291	0.264	ug/l #	83
44) Trichloroethene	9.354	130	188344	30.374	ug/l	95

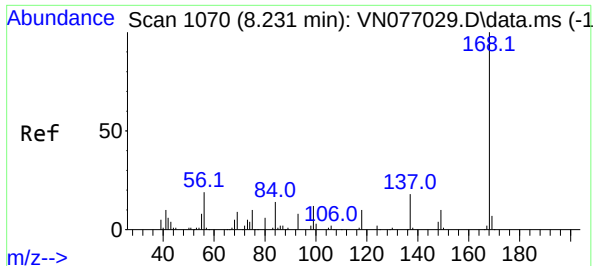
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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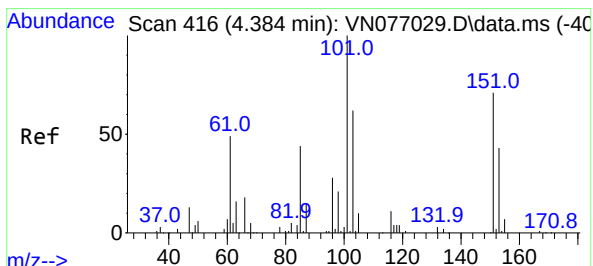
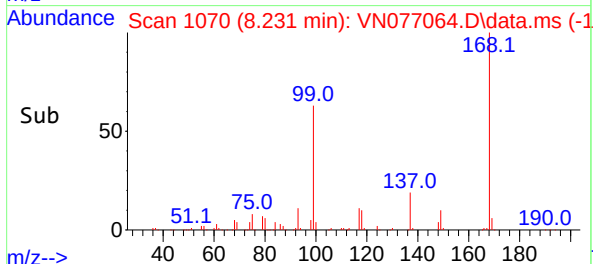
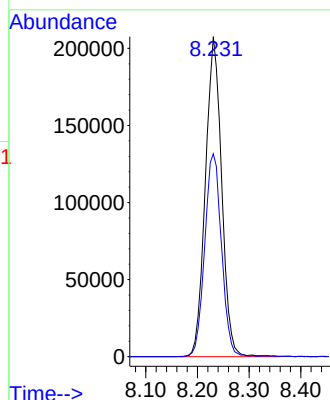
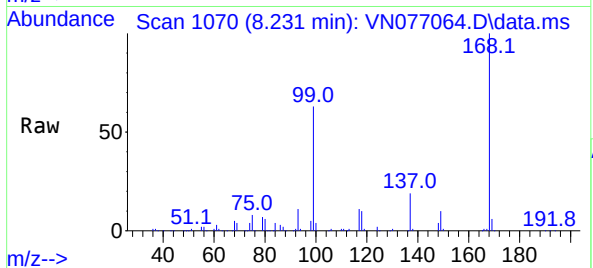




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

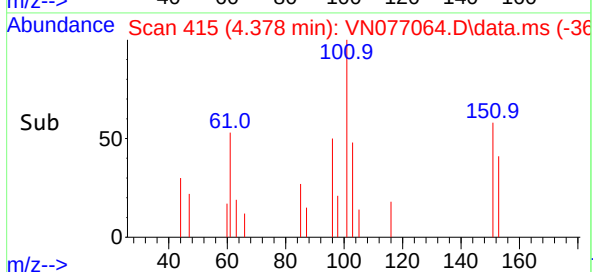
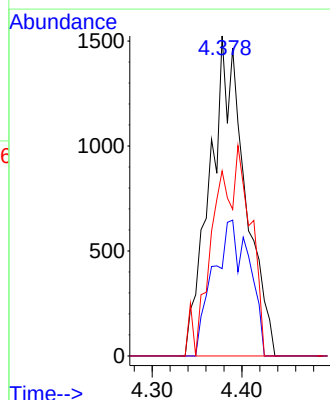
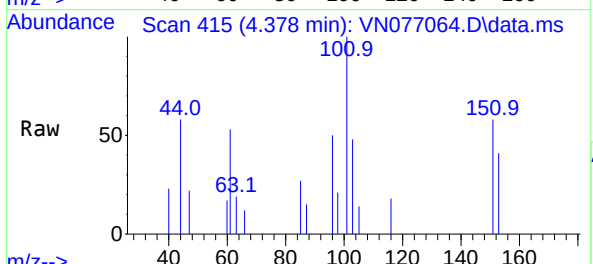
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20230313DL

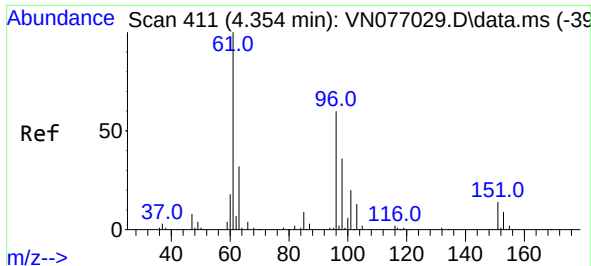
Tgt Ion:168 Resp: 452879
Ion Ratio Lower Upper
168 100
99 63.3 53.9 80.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.692 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Tgt Ion:101 Resp: 4157
Ion Ratio Lower Upper
101 100
85 43.1 36.6 55.0
151 38.3 56.9 85.3#

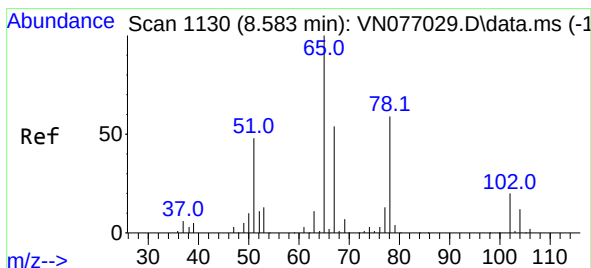
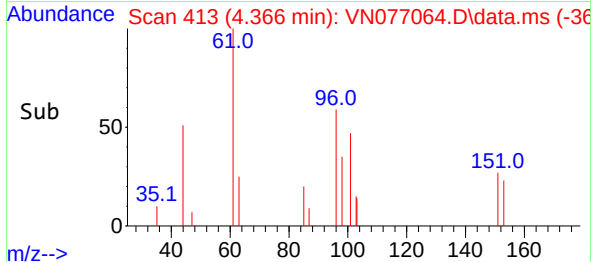
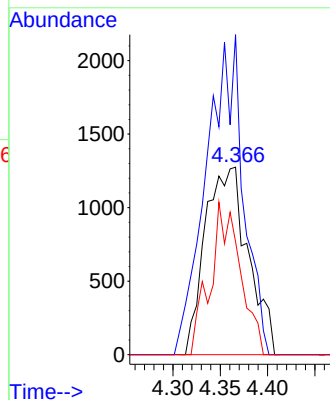
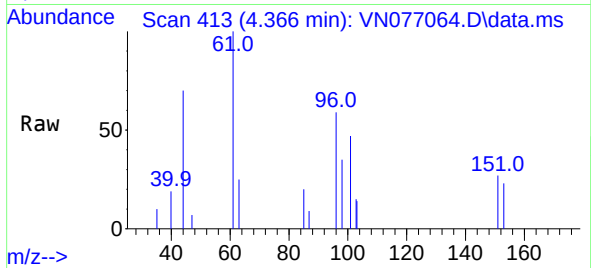




#12
1,1-Dichloroethene
Concen: 0.732 ug/l
RT: 4.366 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

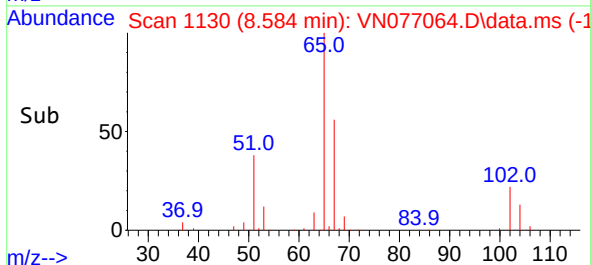
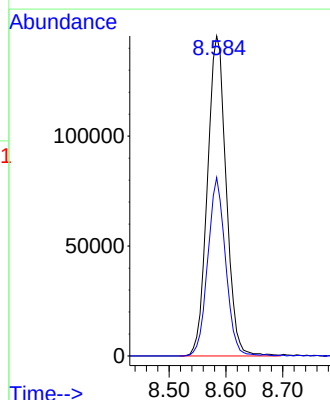
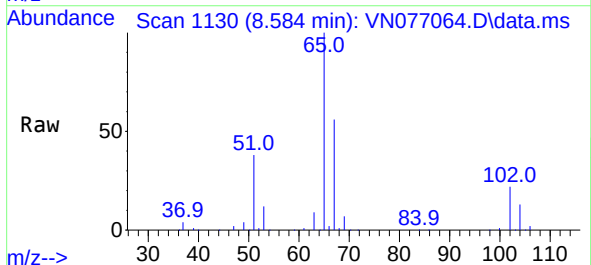
Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20230313DL

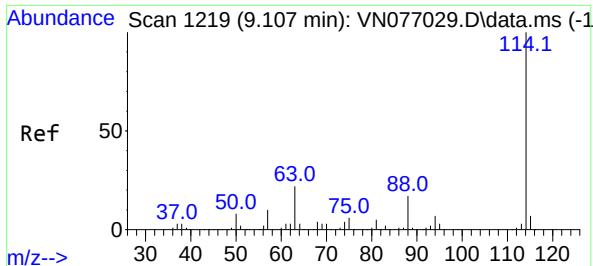
Tgt Ion: 96 Resp: 4027
Ion Ratio Lower Upper
96 100
61 170.7 133.8 200.8
98 60.2 48.6 72.8



#33
1,2-Dichloroethane-d4
Concen: 46.014 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Tgt Ion: 65 Resp: 332865
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2



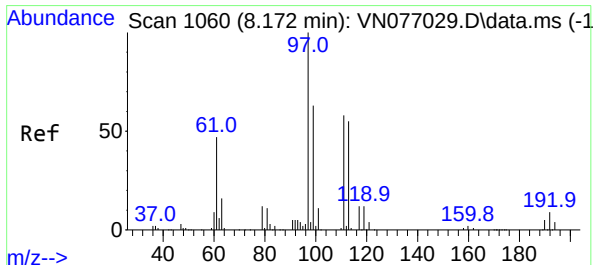
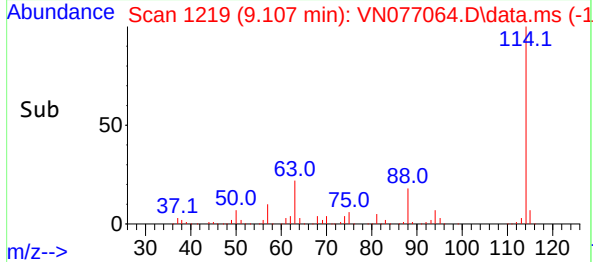
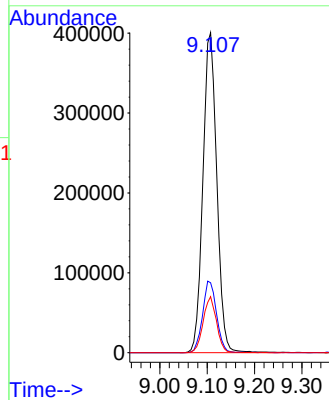
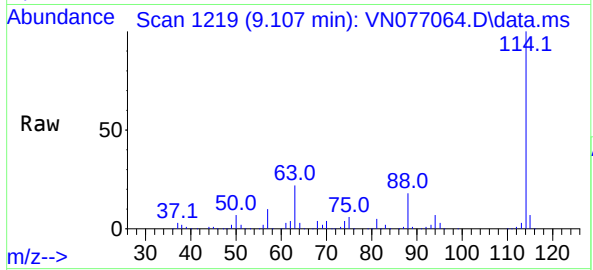


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20230313DL

Tgt Ion:114 Resp: 813794

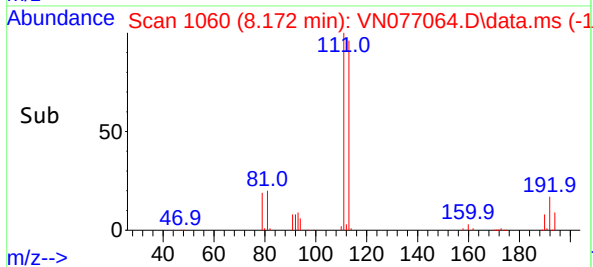
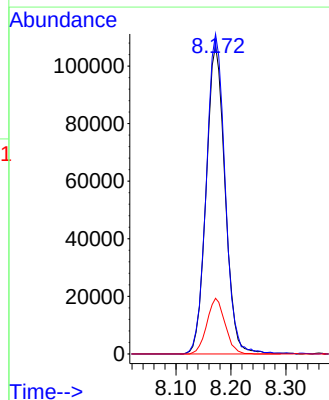
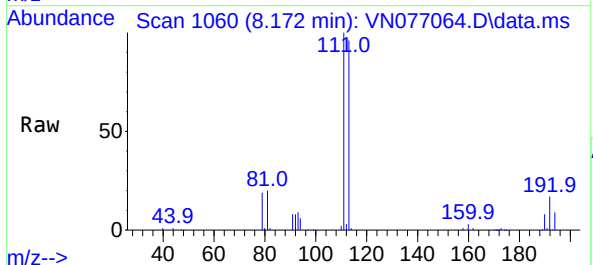
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	44.6
88	17.5	0.0	33.8

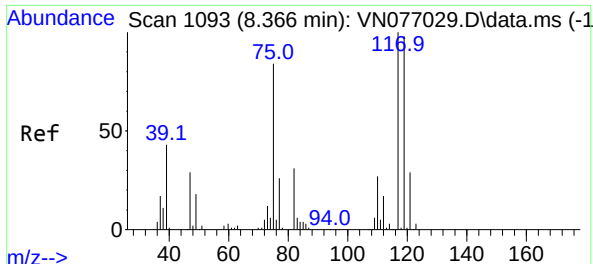


#35
Dibromofluoromethane
Concen: 44.793 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Tgt Ion:113 Resp: 255280

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.2
192	17.4	13.0	19.6

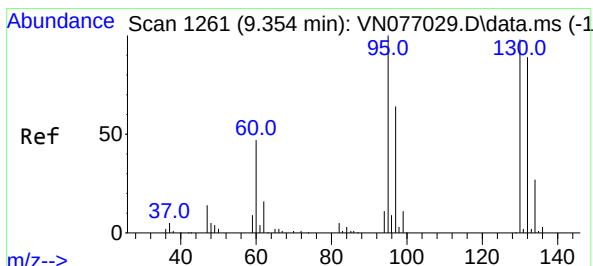
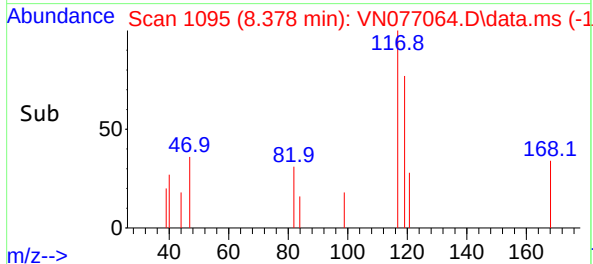
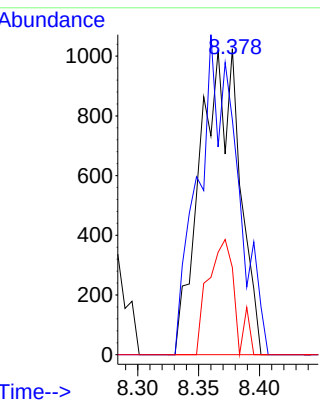
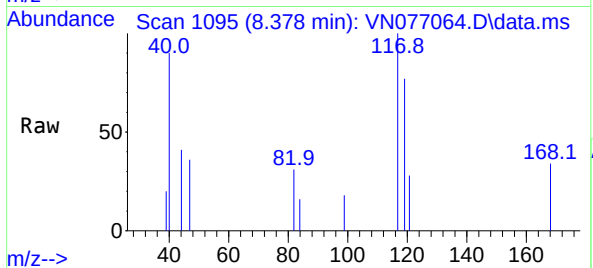




#38
Carbon Tetrachloride
Concen: 0.264 ug/l
RT: 8.378 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

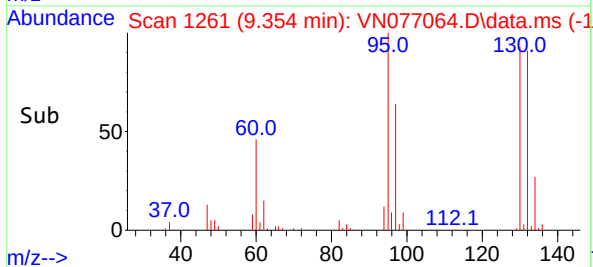
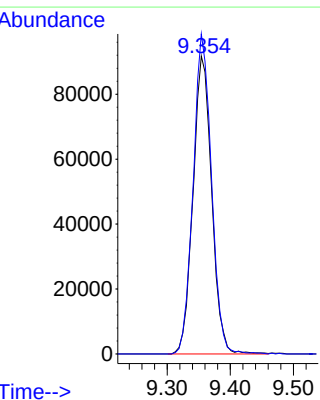
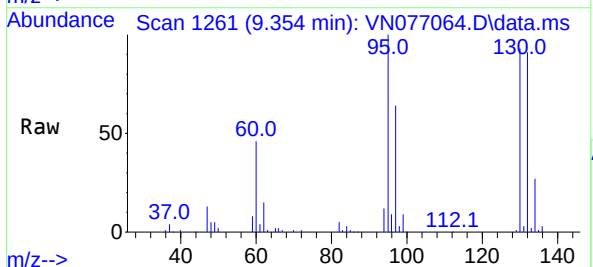
Instrument :
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ClientSampleId :
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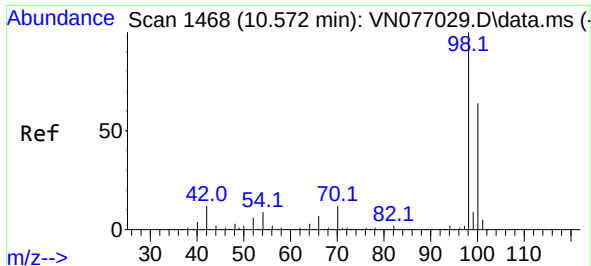
Tgt Ion:117 Resp: 2291
Ion Ratio Lower Upper
117 100
119 76.8 78.2 117.2#
121 28.5 23.2 34.8



#44
Trichloroethene
Concen: 30.374 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Tgt Ion:130 Resp: 188344
Ion Ratio Lower Upper
130 100
95 107.4 0.0 204.4

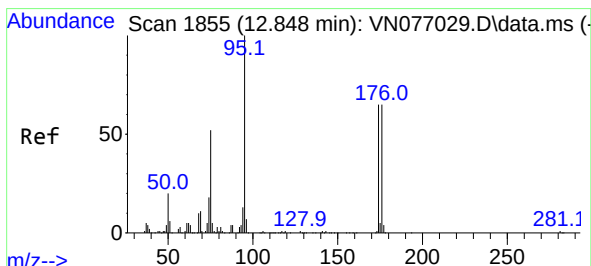
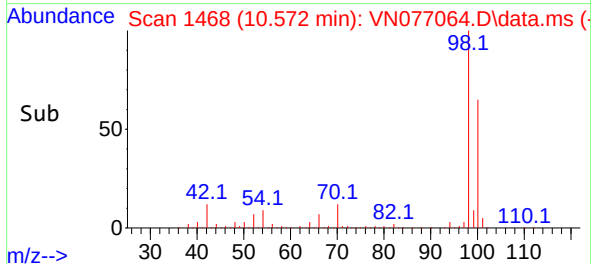
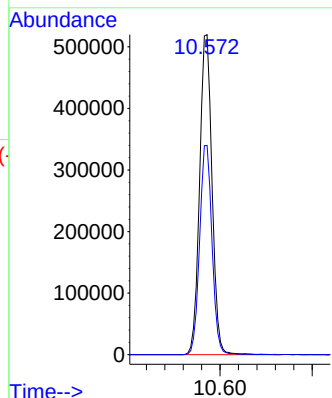
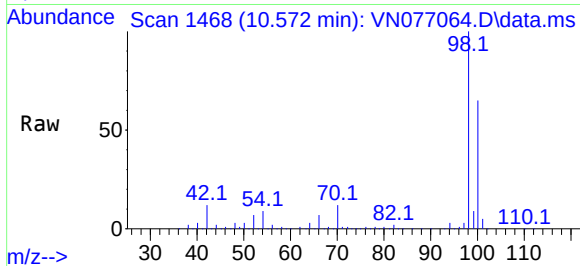




#50
Toluene-d8
Concen: 48.008 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

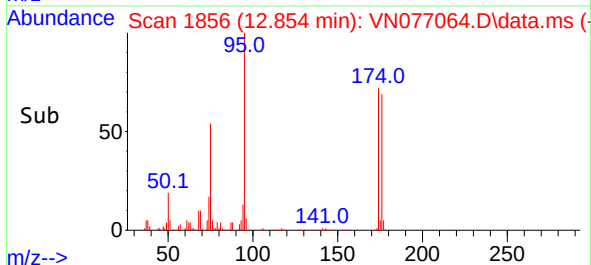
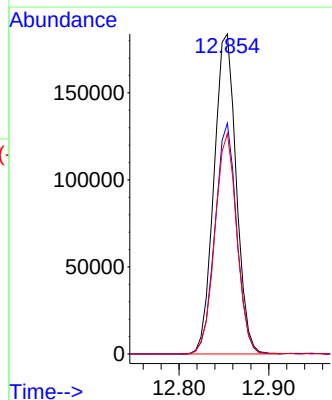
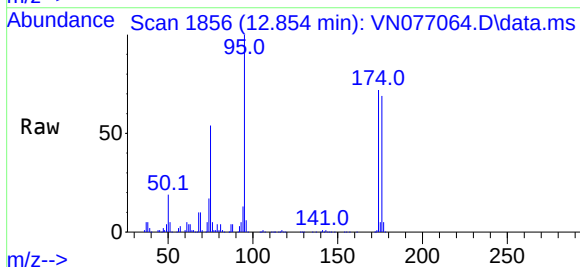
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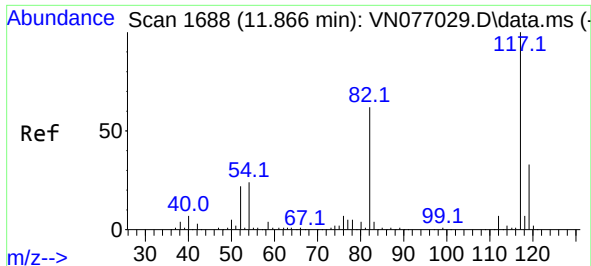
Tgt Ion: 98 Resp: 977335
Ion Ratio Lower Upper
98 100
100 65.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 44.027 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Tgt Ion: 95 Resp: 316719
Ion Ratio Lower Upper
95 100
174 70.3 0.0 136.6
176 68.0 0.0 130.0

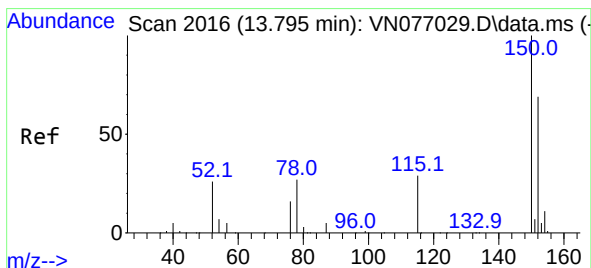
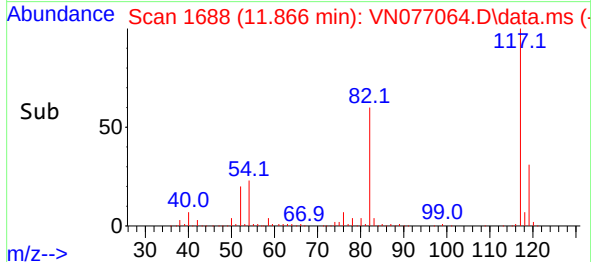
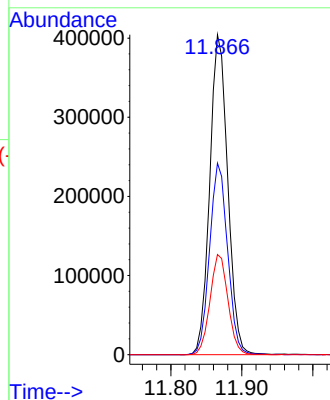
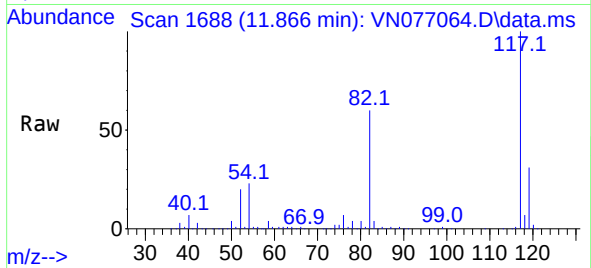




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Instrument :
MSVOA_N
ClientSampleId :
RE139D2-20230313DL

Tgt Ion:117 Resp: 710836
Ion Ratio Lower Upper
117 100
82 59.9 49.4 74.0
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077064.D
Acq: 20 Mar 2023 13:28

Tgt Ion:152 Resp: 269637
Ion Ratio Lower Upper
152 100
115 63.0 31.9 95.7
150 157.1 0.0 348.0

