

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074815.D
 Acq On : 07 Oct 2022 16:44
 Operator : JC\MD
 Sample : N4894-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Quant Time: Oct 08 03:53:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 05:37:50 2022
 Response via : Initial Calibration

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

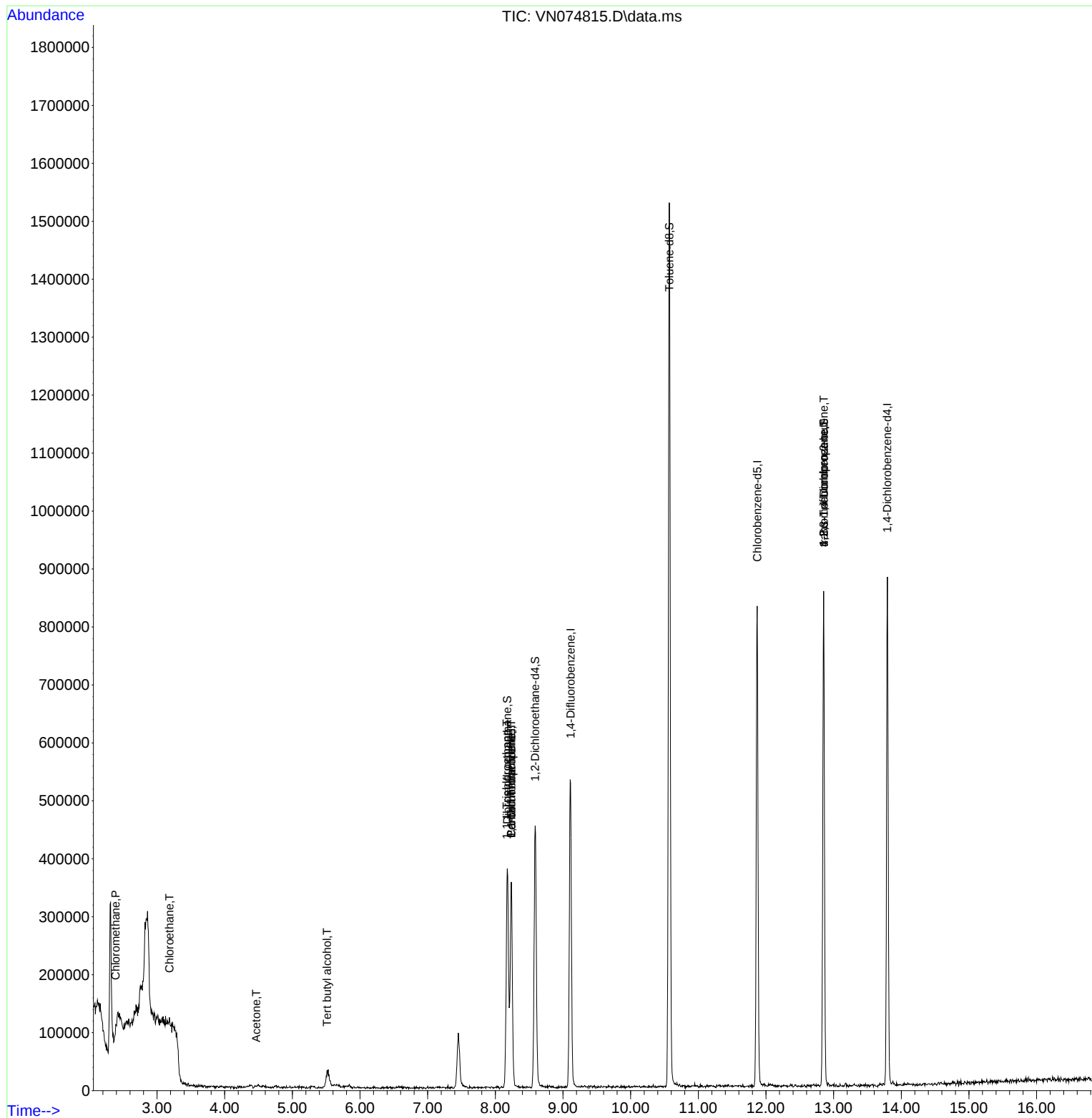
Internal Standards						
1) Pentafluorobenzene	8.236	168	244896	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	460748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	464578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	227585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	338041	58.257	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.520%			
35) Dibromofluoromethane	8.177	113	266238	57.192	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.380%			
50) Toluene-d8	10.571	98	1065050	53.319	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.640%			
62) 4-Bromofluorobenzene	12.853	95	259624	42.757	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.520%			
Target Compounds					Qvalue	
3) Chloromethane	2.389	50	3079	0.412	ug/l #	41
6) Chloroethane	3.183	64	5685	0.831	ug/l #	68
11) Tert butyl alcohol	5.512	59	13161	6.772	ug/l #	81
13) Acrolein	4.201	56	221	Below Cal	#	47
16) Acetone	4.465	43	2594	0.789	ug/l #	68
20) Methylene Chloride	5.312	84	678	Below Cal	#	59
32) 1,1,1-Trichloroethane	8.171	97	2447	0.293	ug/l #	48
36) 1,1-Dichloropropene	8.236	75	22727	3.016	ug/l #	46
38) Carbon Tetrachloride	8.236	117	24467	3.443	ug/l #	19
75) 1,1,2,2-Tetrachloroethane	12.994	83	59	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.853	75	153143	22.545	ug/l #	1
77) Bromobenzene	12.847	156	55	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	153143	43.926	ug/l #	14
96) 1,2,3-Trichlorobenzene	15.812	180	60	Below Cal	#	12

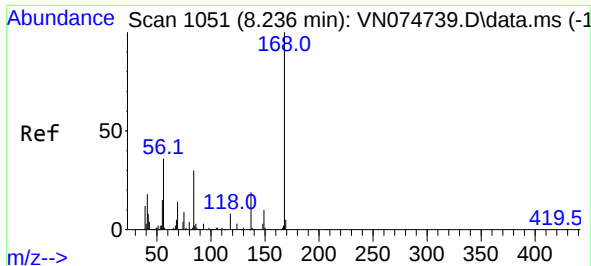
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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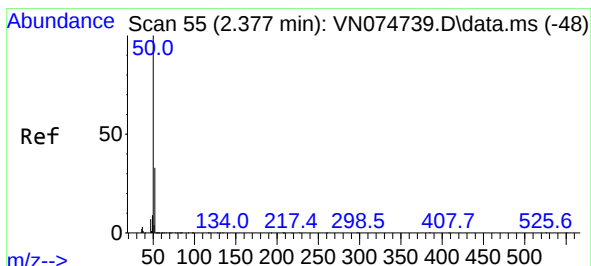
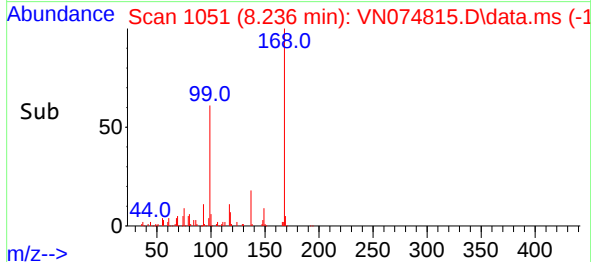
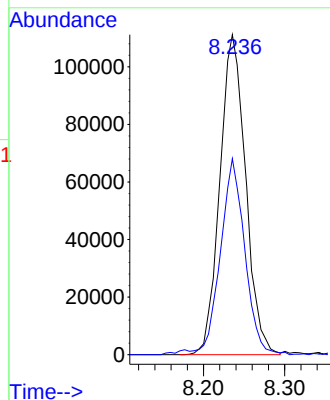
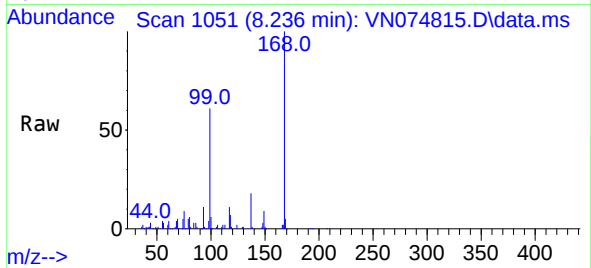




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

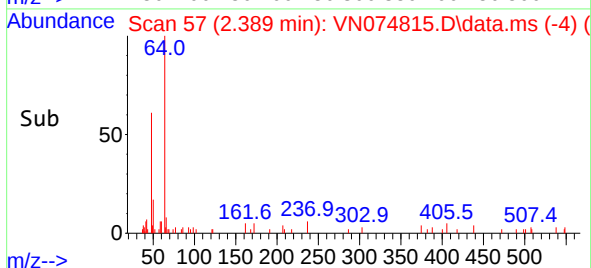
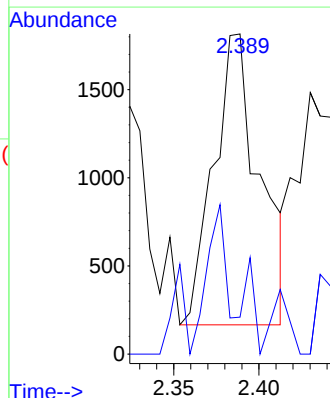
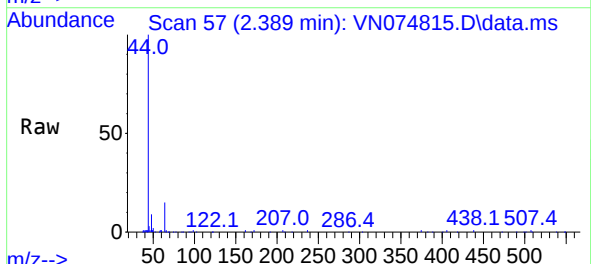
Instrument :
MSVOA_N
ClientSampleId :
MW-3

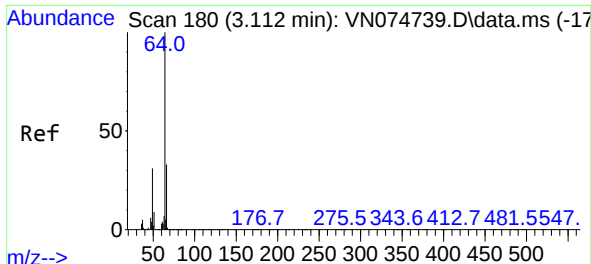
Tgt Ion:168 Resp: 244896
Ion Ratio Lower Upper
168 100
99 60.7 42.8 64.2



#3
Chloromethane
Concen: 0.412 ug/l
RT: 2.389 min Scan# 57
Delta R.T. 0.012 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 50 Resp: 3079
Ion Ratio Lower Upper
50 100
52 0.0 26.7 40.1#

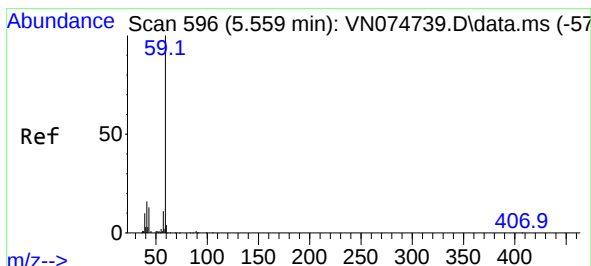
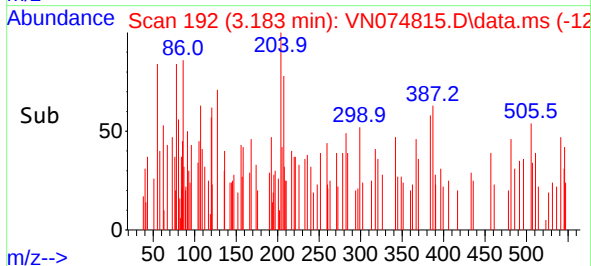
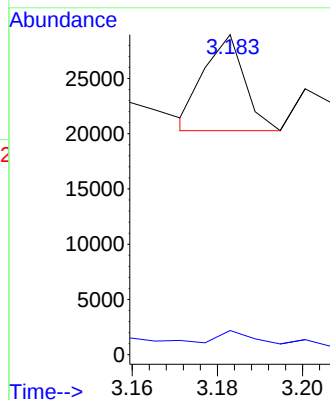
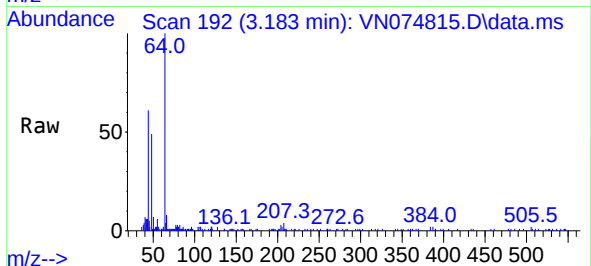




#6
Chloroethane
Concen: 0.831 ug/l
RT: 3.183 min Scan# 11
Delta R.T. 0.071 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

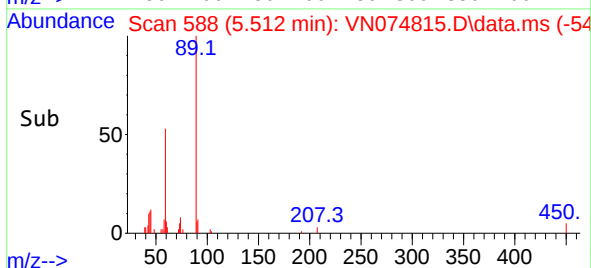
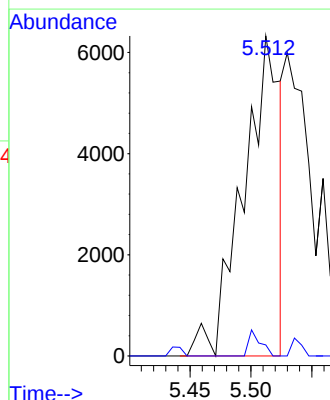
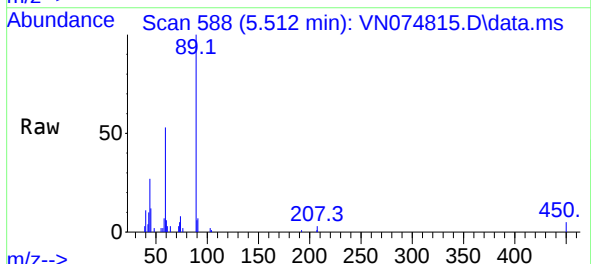
Instrument :
MSVOA_N
ClientSampleId :
MW-3

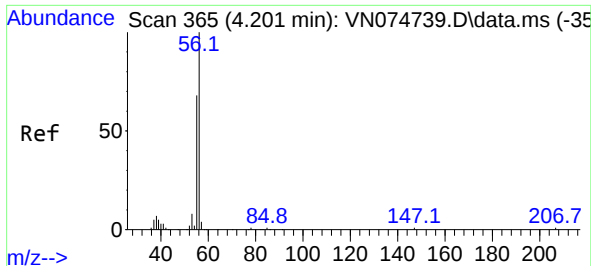
Tgt Ion: 64 Resp: 5685
Ion Ratio Lower Upper
64 100
66 14.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 6.772 ug/l
RT: 5.512 min Scan# 588
Delta R.T. -0.047 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 59 Resp: 13161
Ion Ratio Lower Upper
59 100
57 2.7 7.7 11.5#

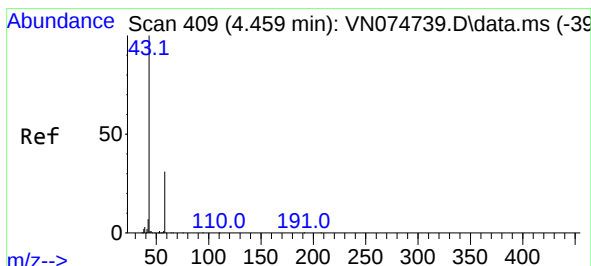
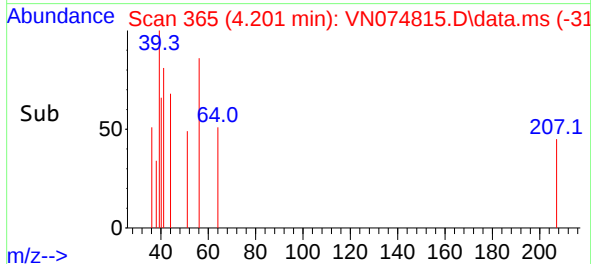
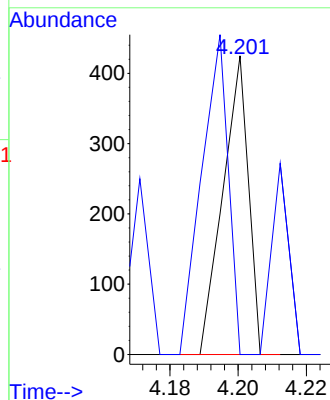
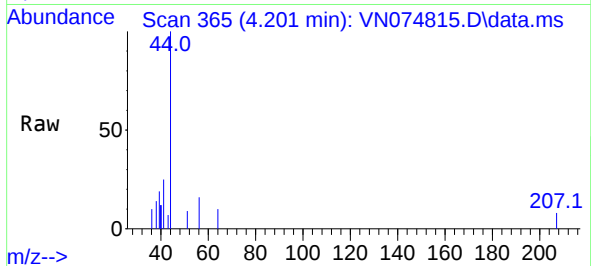




#13
Acrolein
Concen: Below Cal
RT: 4.201 min Scan# 301
Delta R.T. -0.000 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

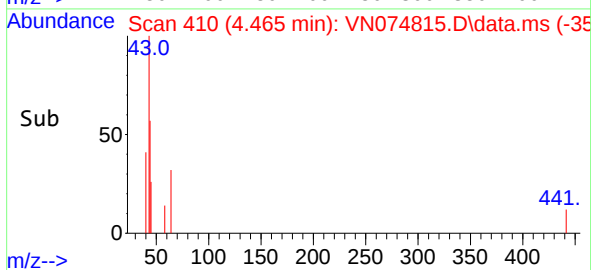
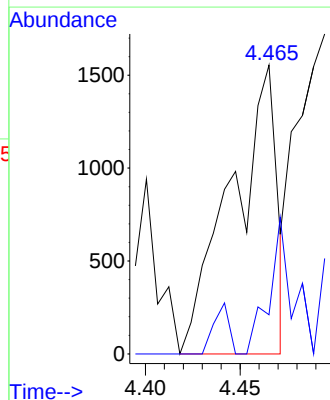
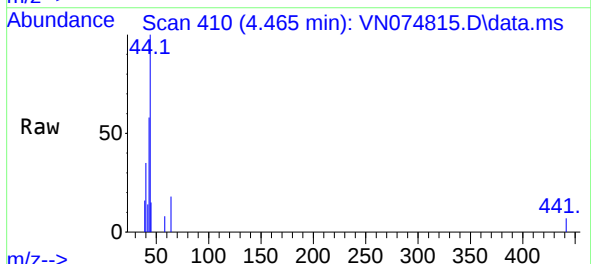
Instrument :
MSVOA_N
ClientSampleId :
MW-3

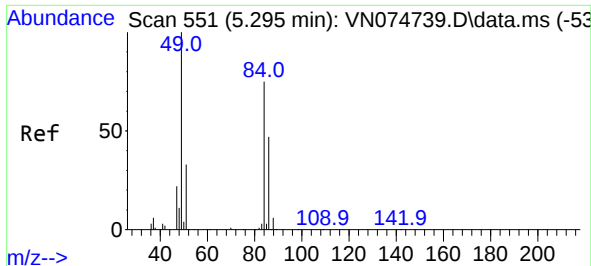
Tgt Ion: 56 Resp: 221
Ion Ratio Lower Upper
56 100
55 111.8 54.9 82.3#



#16
Acetone
Concen: 0.789 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 43 Resp: 2594
Ion Ratio Lower Upper
43 100
58 13.6 24.9 37.3#



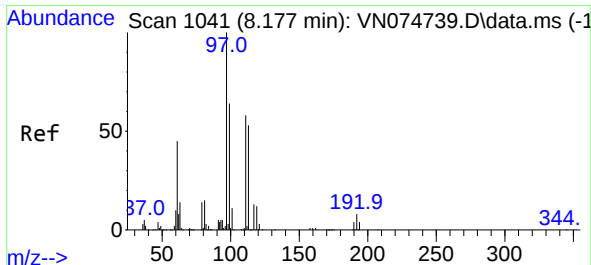
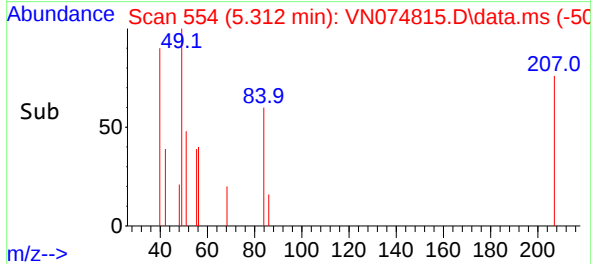
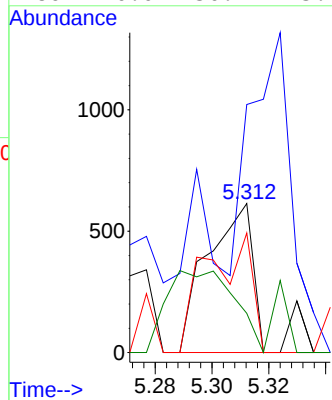
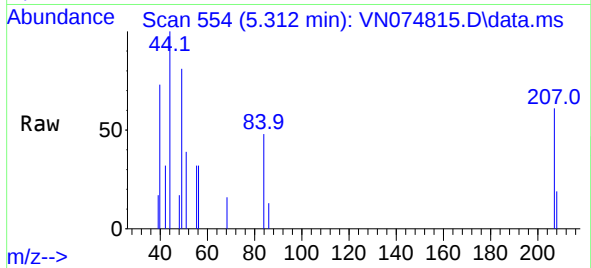


#20
Methylene Chloride
Concen: Below Cal
RT: 5.312 min Scan# 51
Delta R.T. 0.017 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 84 Resp: 678

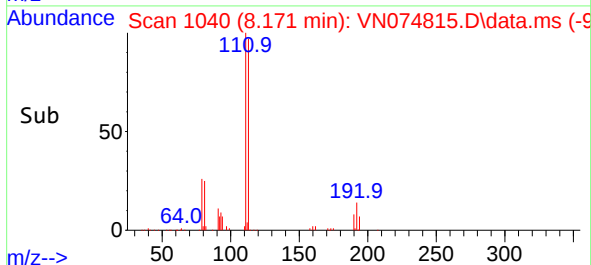
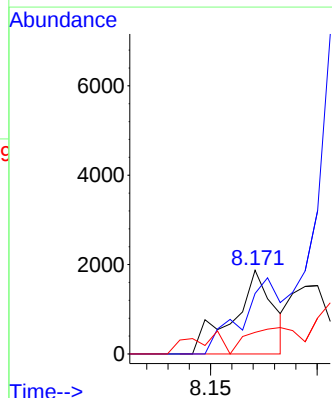
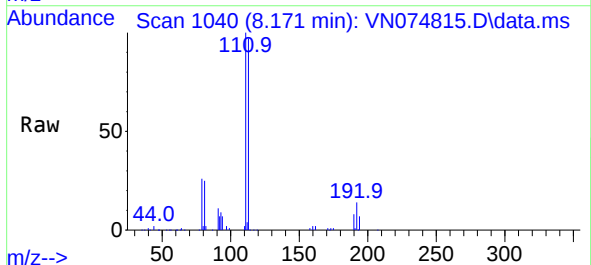
Ion	Ratio	Lower	Upper
84	100		
49	113.4	107.4	161.0
51	80.3	35.1	52.7#
86	0.0	50.4	75.6#

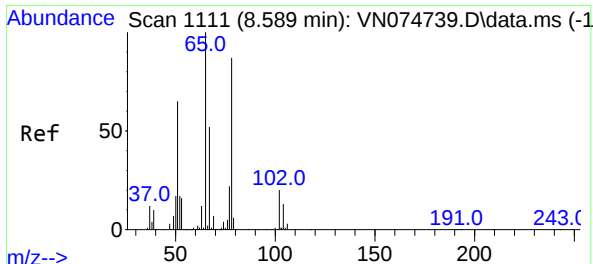


#32
1,1,1-Trichloroethane
Concen: 0.293 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 97 Resp: 2447

Ion	Ratio	Lower	Upper
97	100		
99	0.0	50.7	76.1#
61	40.6	39.9	59.9

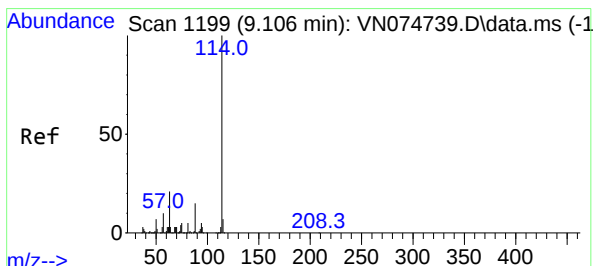
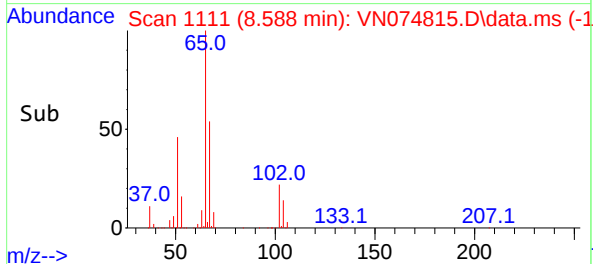
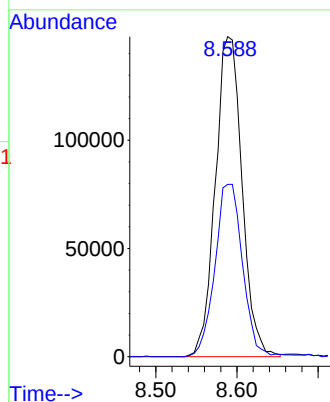
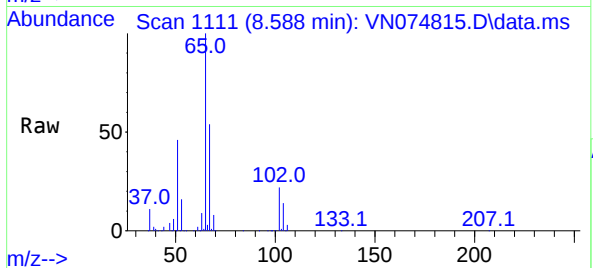




#33
1,2-Dichloroethane-d4
Concen: 58.257 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

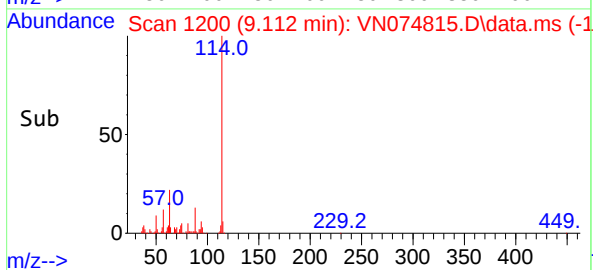
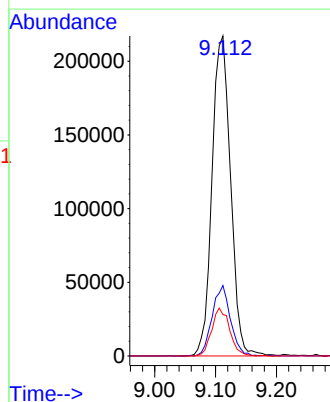
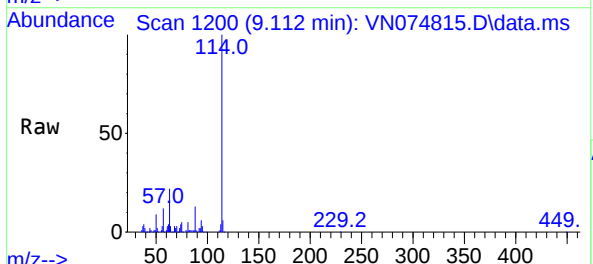
Instrument :
MSVOA_N
ClientSampleId :
MW-3

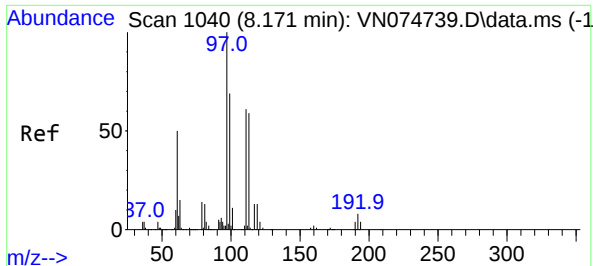
Tgt Ion: 65 Resp: 338041
Ion Ratio Lower Upper
65 100
67 55.8 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion:114 Resp: 460748
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.2
88 13.0 0.0 30.2

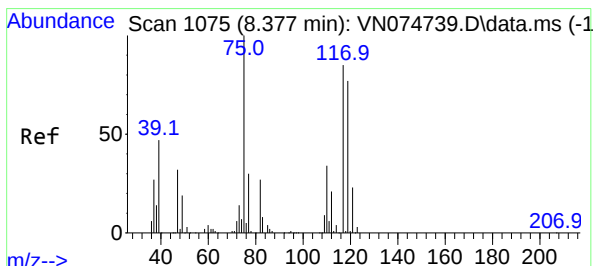
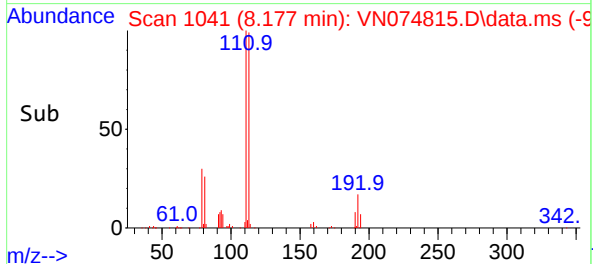
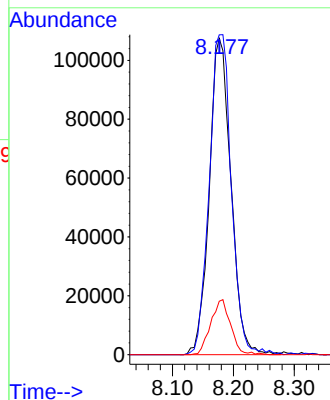
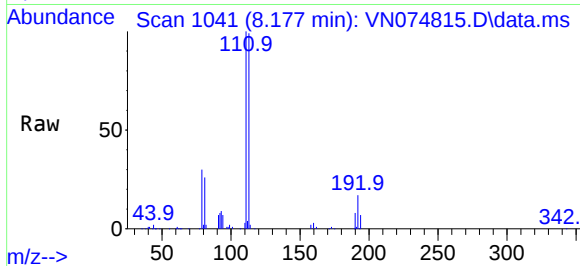




#35
Dibromofluoromethane
Concen: 57.192 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

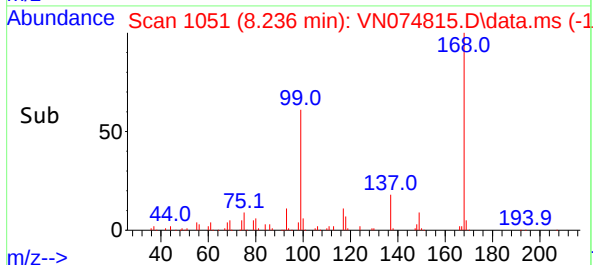
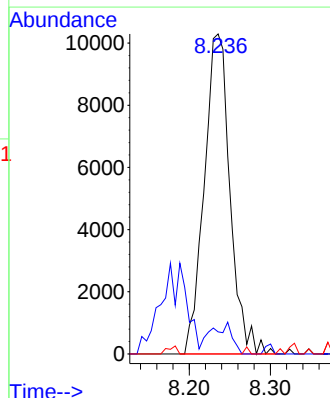
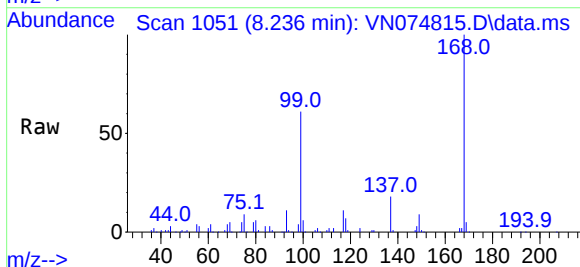
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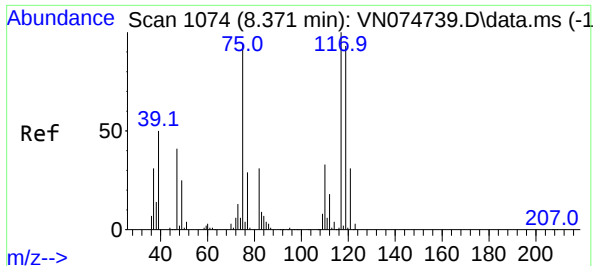
Tgt Ion:113 Resp: 266238
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 16.0 12.6 18.8



#36
1,1-Dichloropropene
Concen: 3.016 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.141 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 75 Resp: 22727
Ion Ratio Lower Upper
75 100
110 4.1 17.2 51.5#
77 0.0 24.3 36.5#

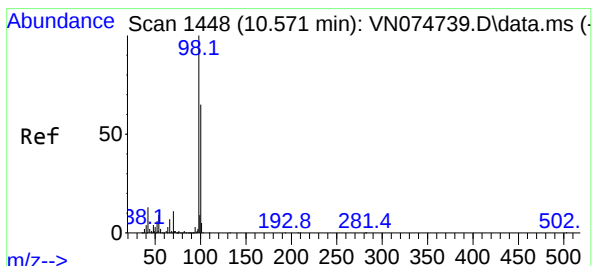
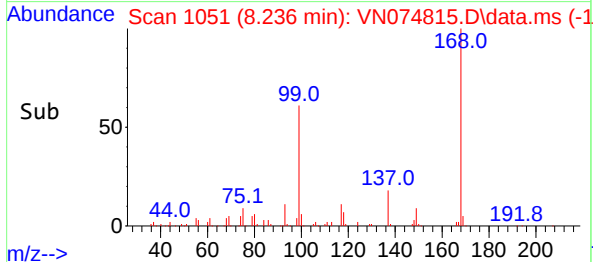
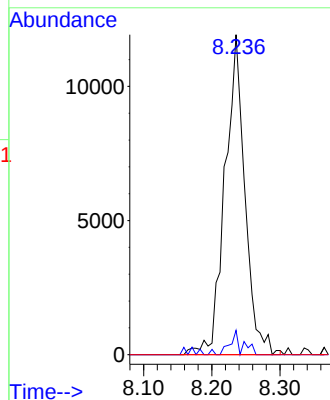
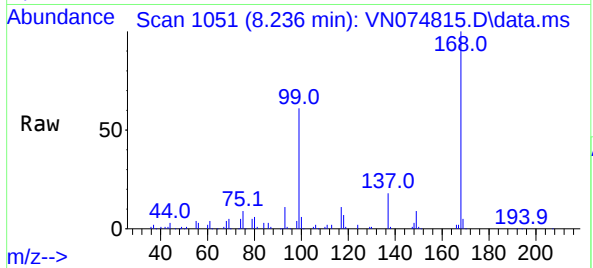




#38
Carbon Tetrachloride
Concen: 3.443 ug/l
RT: 8.236 min Scan# 1074
Delta R.T. -0.135 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

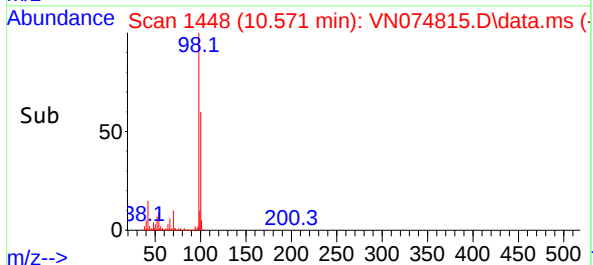
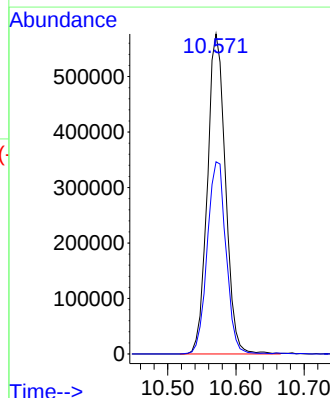
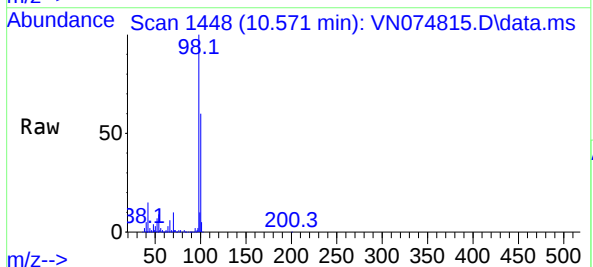
Instrument :
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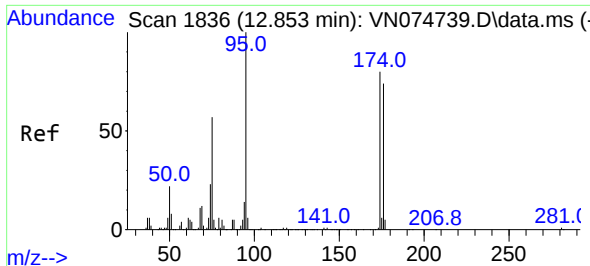
Tgt Ion:117 Resp: 24467
Ion Ratio Lower Upper
117 100
119 7.6 74.3 111.5#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 53.319 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 98 Resp: 1065050
Ion Ratio Lower Upper
98 100
100 62.3 50.7 76.1

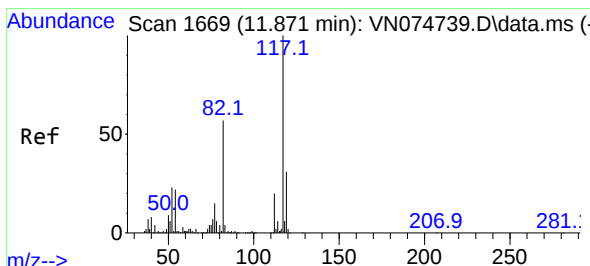
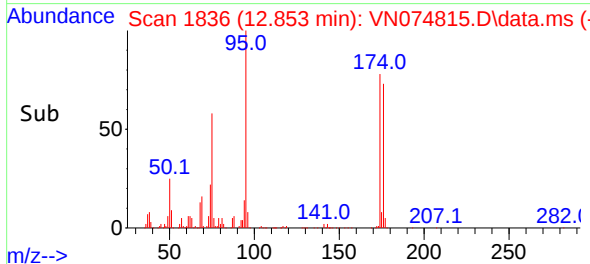
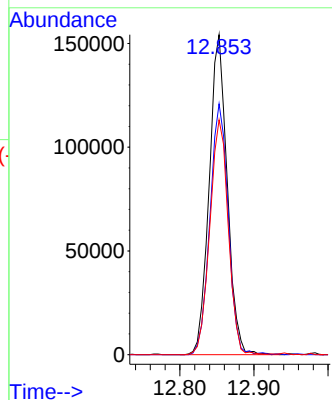
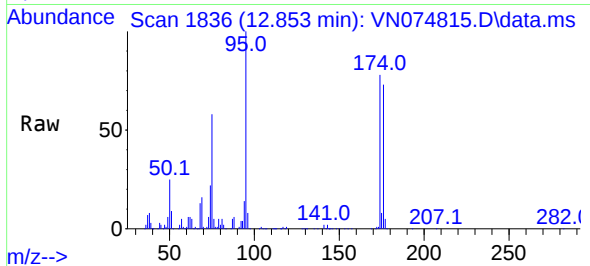




#62
4-Bromofluorobenzene
Concen: 42.757 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

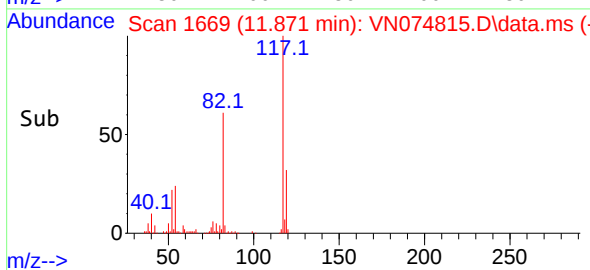
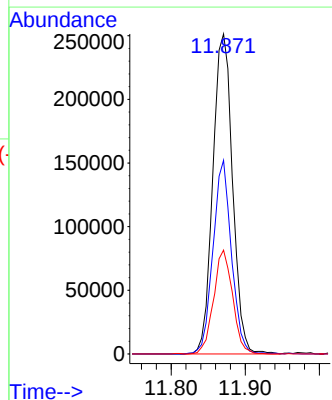
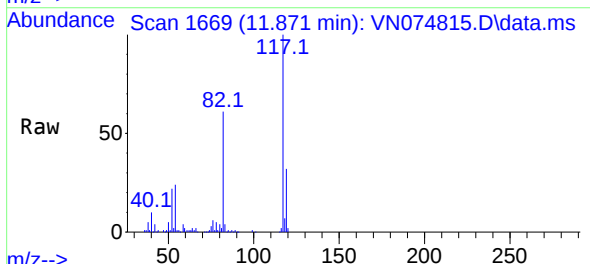
Instrument :
MSVOA_N
ClientSampleId :
MW-3

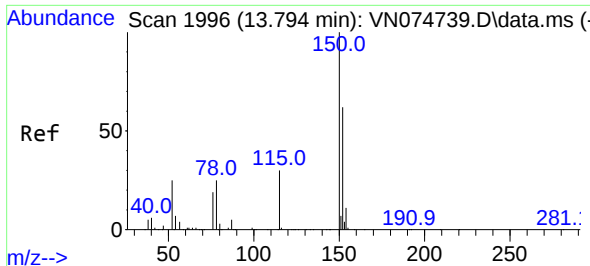
Tgt Ion: 95 Resp: 259624
Ion Ratio Lower Upper
95 100
174 79.8 0.0 149.4
176 75.1 0.0 142.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion: 117 Resp: 464578
Ion Ratio Lower Upper
117 100
82 60.5 45.4 68.2
119 32.4 25.1 37.7

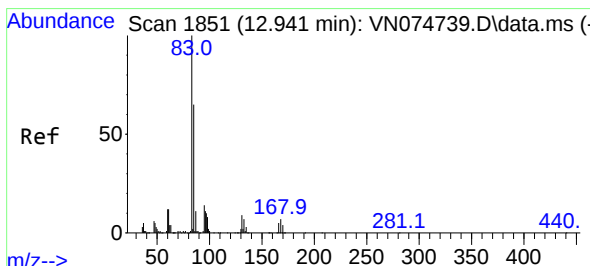
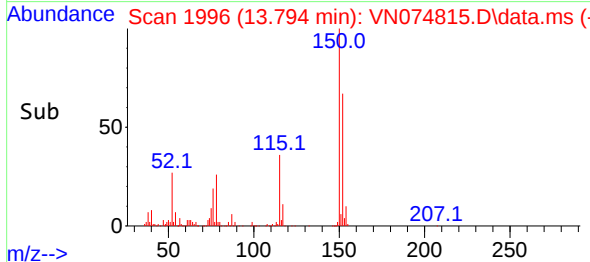
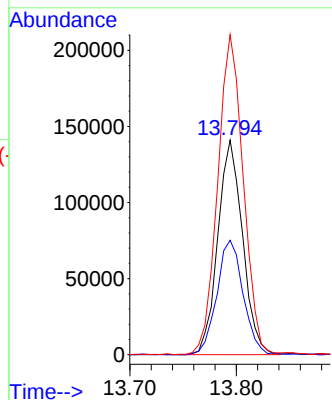
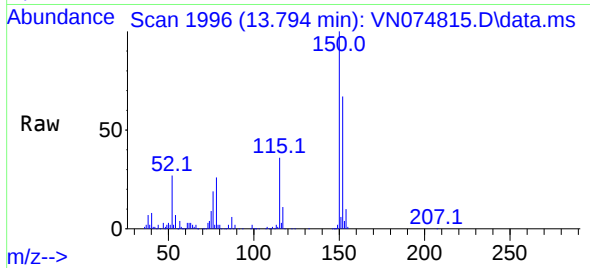




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074815.D
 Acq: 07 Oct 2022 16:44

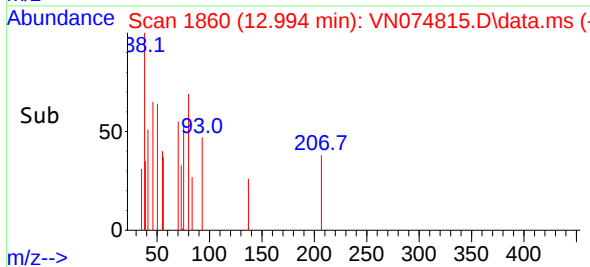
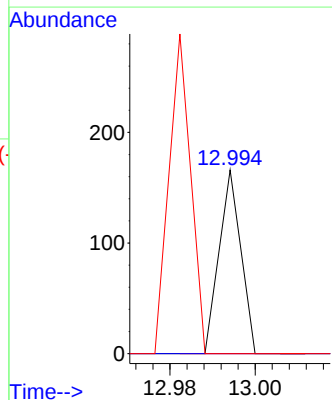
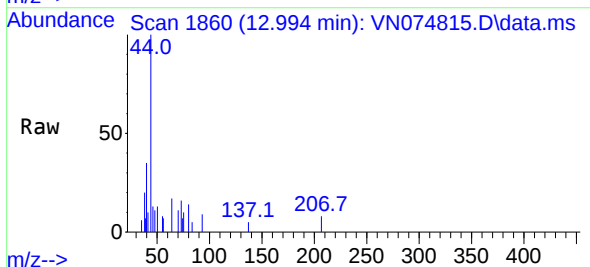
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

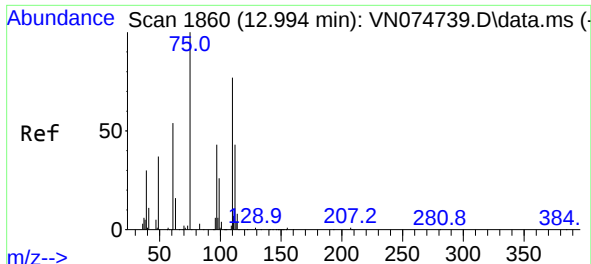
Tgt Ion:152 Resp: 227585
 Ion Ratio Lower Upper
 152 100
 115 56.8 30.0 90.0
 150 153.9 0.0 356.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.994 min Scan# 1860
 Delta R.T. 0.053 min
 Lab File: VN074815.D
 Acq: 07 Oct 2022 16:44

Tgt Ion: 83 Resp: 59
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.3 12.8#
 85 172.9 32.9 98.6#

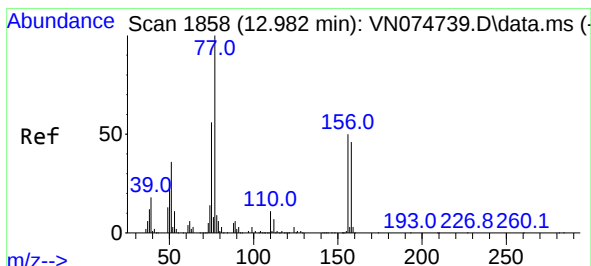
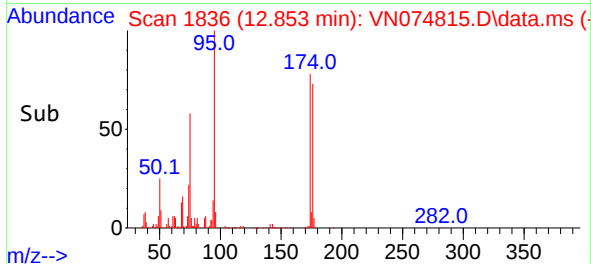
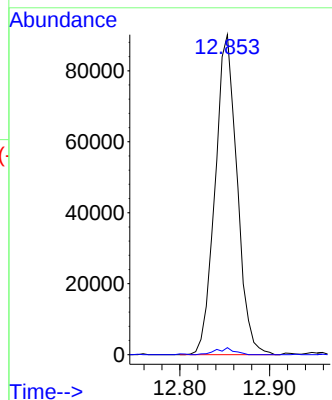
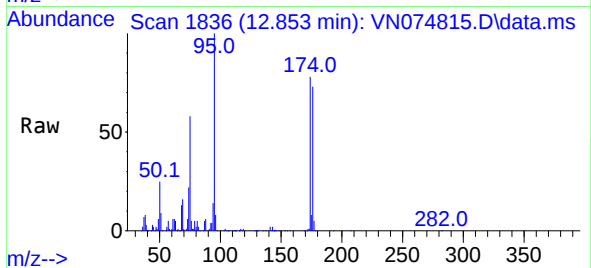




#76
1,2,3-Trichloropropane
Concen: 22.545 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

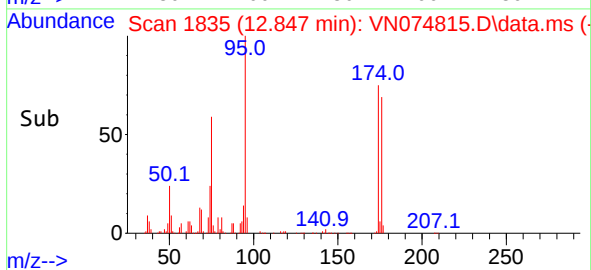
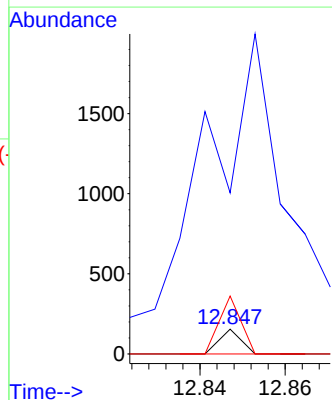
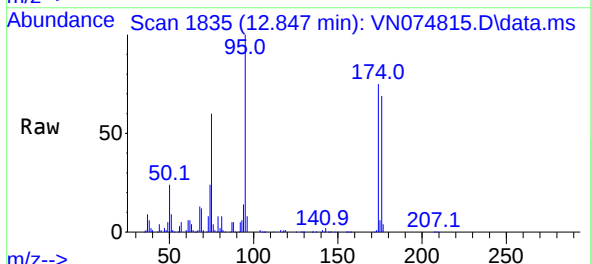
Instrument :
MSVOA_N
ClientSampleId :
MW-3

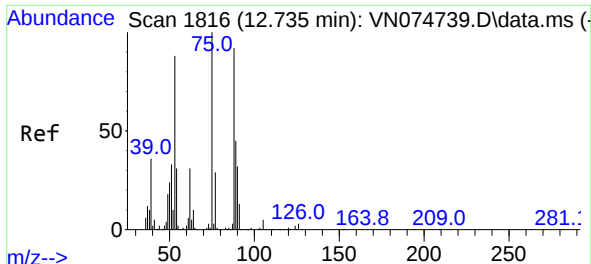
Tgt Ion: 75 Resp: 153143
Ion Ratio Lower Upper
75 100
77 1.8 76.9 230.7#



#77
Bromobenzene
Concen: Below Cal
RT: 12.847 min Scan# 1835
Delta R.T. -0.135 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion:156 Resp: 55
Ion Ratio Lower Upper
156 100
77 5034.5 124.7 374.1#
158 230.9 48.3 144.9#

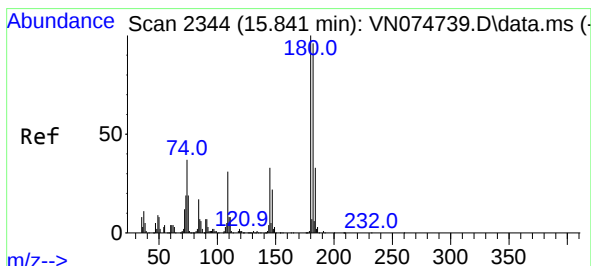
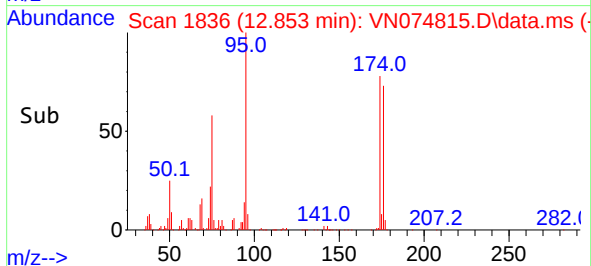
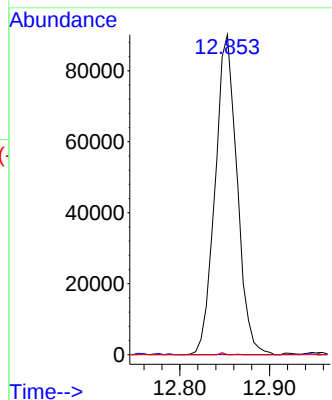
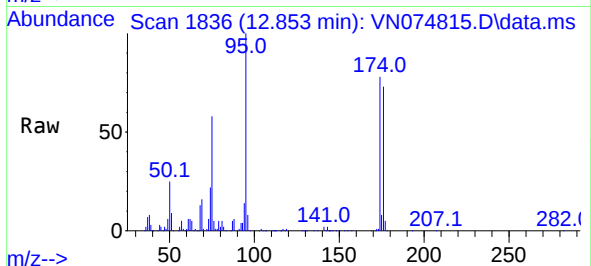




#81
trans-1,4-Dichloro-2-butene
Concen: 43.926 ug/l
RT: 12.853 min Scan# 1816
Delta R.T. 0.118 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tgt Ion: 75 Resp: 153143
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.0#
89 0.1 32.1 48.1#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 15.812 min Scan# 2339
Delta R.T. -0.029 min
Lab File: VN074815.D
Acq: 07 Oct 2022 16:44

Tgt Ion:180 Resp: 60
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 17.1 51.2#

