

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100722\
 Data File : VN074819.D
 Acq On : 07 Oct 2022 18:21
 Operator : JC\MD
 Sample : N5014-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-1

Quant Time: Oct 08 03:55:23 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)

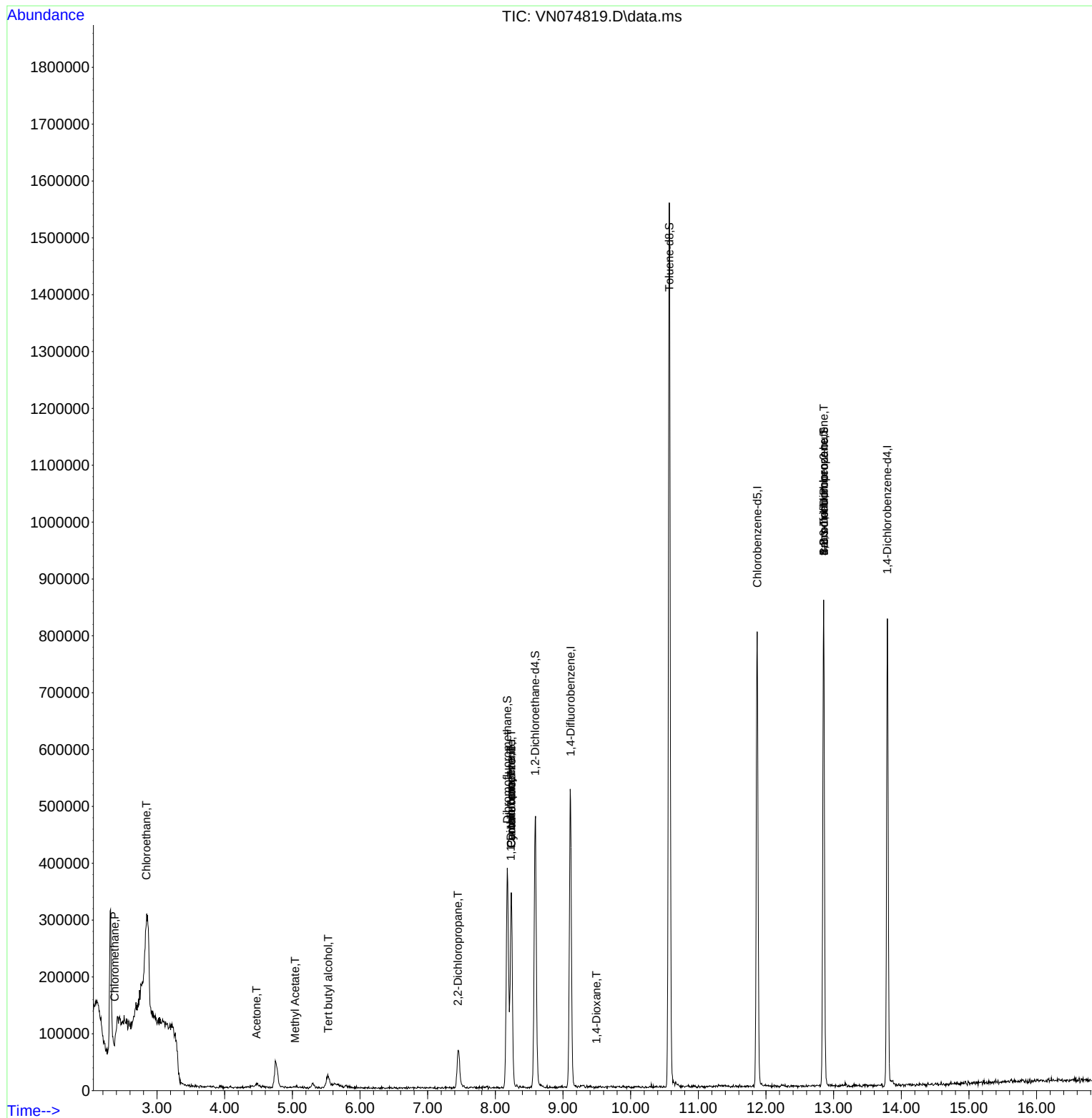
Internal Standards						
1) Pentafluorobenzene	8.236	168	239850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	441590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	451887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	204447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	344792	60.670	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.340%			
35) Dibromofluoromethane	8.177	113	263239	59.001	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.000%			
50) Toluene-d8	10.571	98	1062638	55.507	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.020%			
62) 4-Bromofluorobenzene	12.853	95	271508	46.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.300%			
Target Compounds					Qvalue	
3) Chloromethane	2.371	50	2435	0.333	ug/l #	67
6) Chloroethane	2.842	64	239119	35.683	ug/l #	50
11) Tert butyl alcohol	5.530	59	18824	9.890	ug/l #	75
13) Acrolein	4.200	56	115	Below Cal	#	74
16) Acetone	4.471	43	11038	3.427	ug/l #	84
18) Methyl Acetate	5.042	43	2422	0.203	ug/l #	70
20) Methylene Chloride	5.300	84	1362	Below Cal	#	38
26) 2,2-Dichloropropane	7.447	77	4125	0.477	ug/l #	52
31) Cyclohexane	8.236	56	5058	0.515	ug/l #	52
36) 1,1-Dichloropropene	8.230	75	24128	3.341	ug/l #	43
38) Carbon Tetrachloride	8.236	117	25202	3.701	ug/l #	21
49) 1,4-Dioxane	9.494	88	81	0.509	ug/l #	1
71) Bromoform	12.853	173	3154	0.818	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.859	83	432	Below Cal	#	11
76) 1,2,3-Trichloropropane	12.853	75	154749	25.360	ug/l #	1
77) Bromobenzene	12.847	156	102	Below Cal	#	1
81) trans-1,4-Dichloro-2-b...	12.853	75	154749	49.410	ug/l #	14
96) 1,2,3-Trichlorobenzene	16.029	180	245	Below Cal	#	12

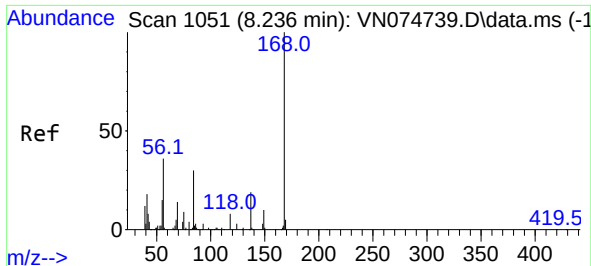
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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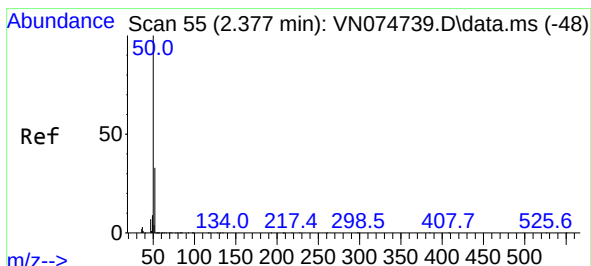
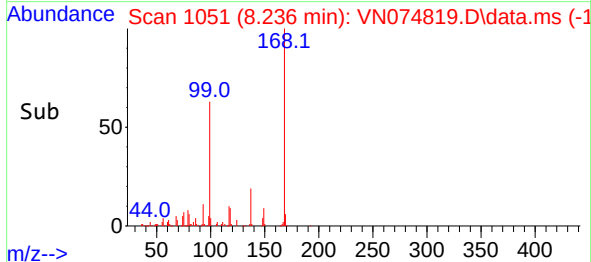
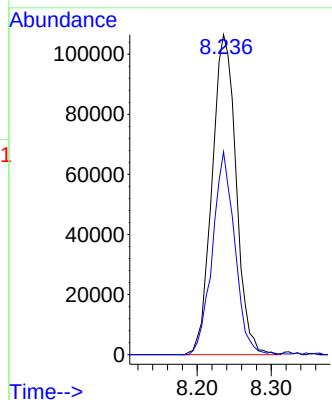
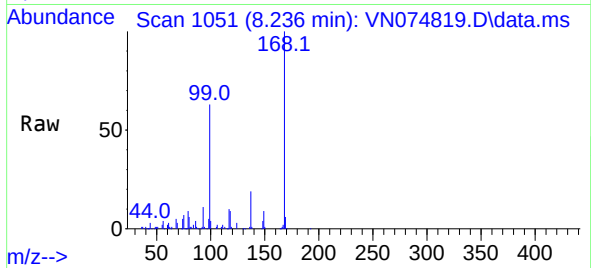




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

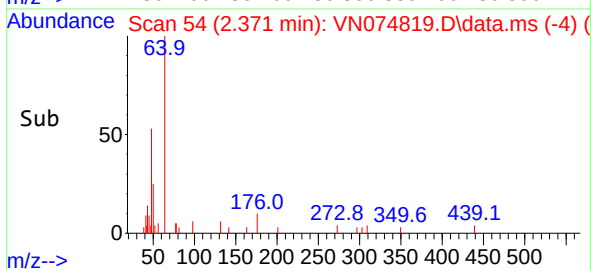
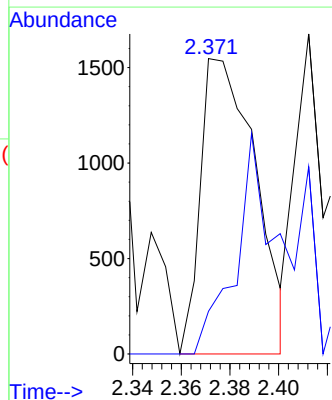
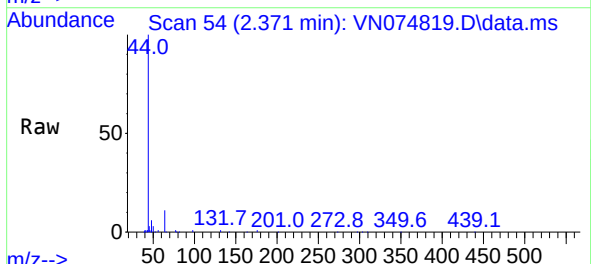
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

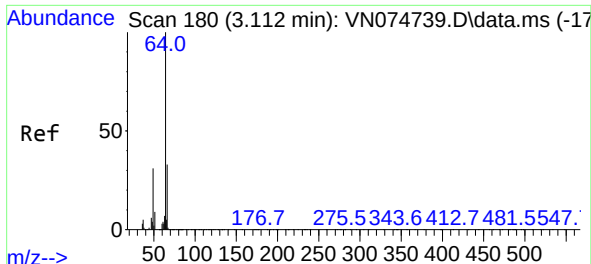
Tgt Ion:168 Resp: 239850
Ion Ratio Lower Upper
168 100
99 63.4 42.8 64.2



#3
Chloromethane
Concen: 0.333 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.006 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 50 Resp: 2435
Ion Ratio Lower Upper
50 100
52 14.5 26.7 40.1#

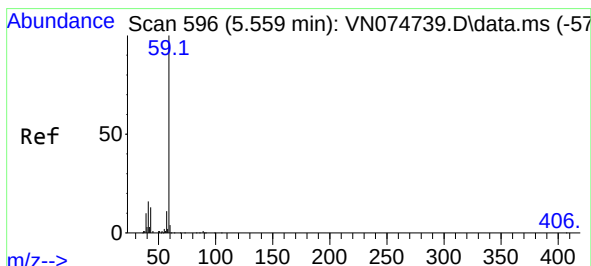
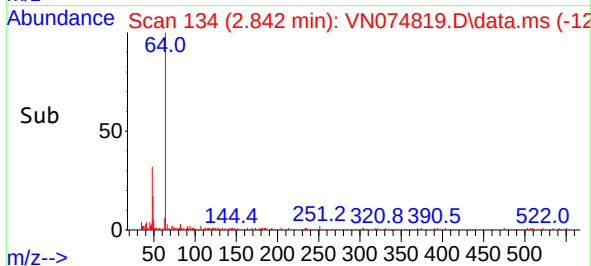
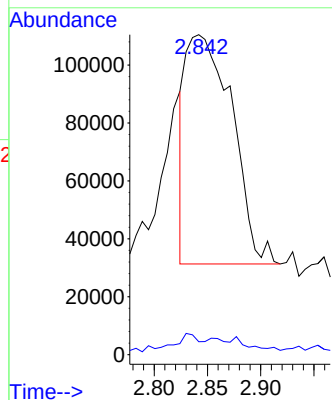
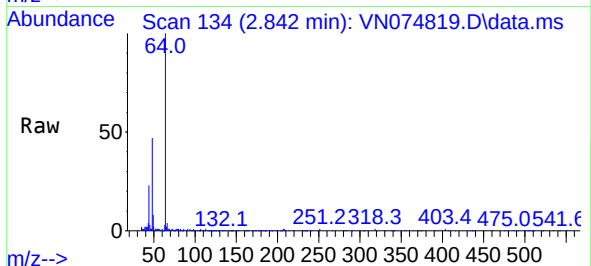




#6
Chloroethane
Concen: 35.683 ug/l
RT: 2.842 min Scan# 11
Delta R.T. -0.271 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

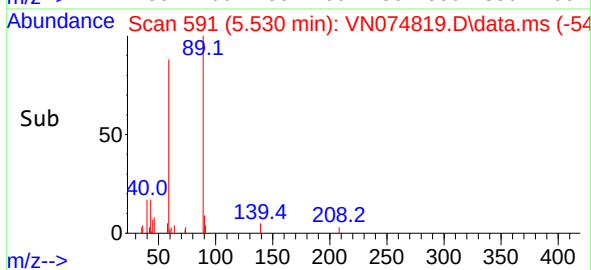
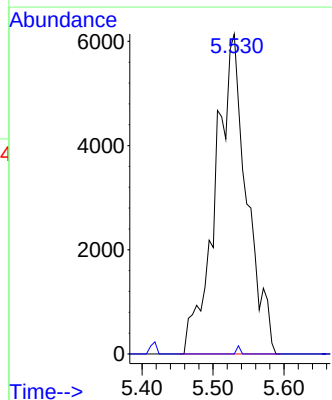
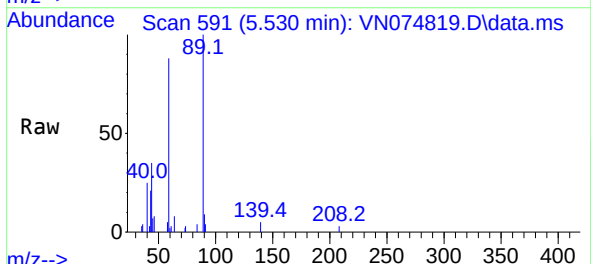
Instrument :
MSVOA_N
ClientSampleId :
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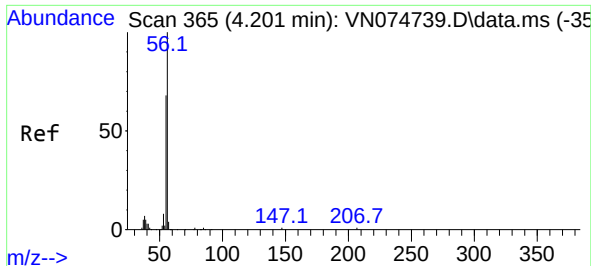
Tgt Ion: 64 Resp: 239119
Ion Ratio Lower Upper
64 100
66 3.7 25.1 37.7#



#11
Tert butyl alcohol
Concen: 9.890 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.029 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 59 Resp: 18824
Ion Ratio Lower Upper
59 100
57 0.3 7.7 11.5#

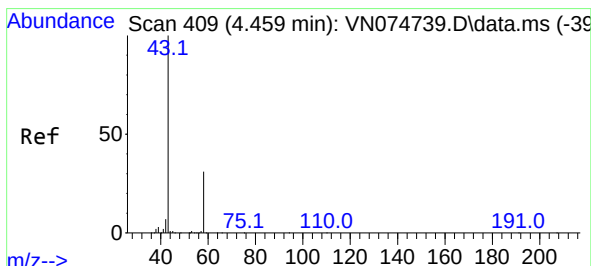
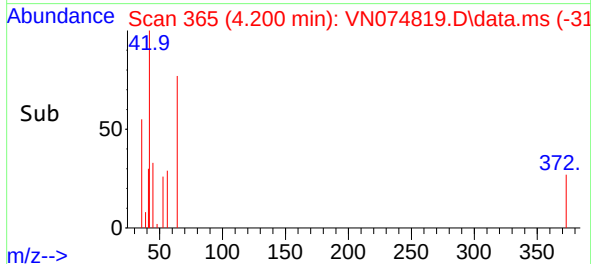
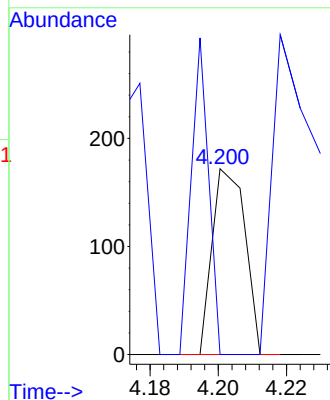
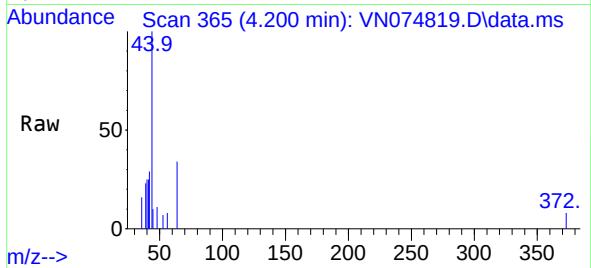




#13
Acrolein
Concen: Below Cal
RT: 4.200 min Scan# 30
Delta R.T. -0.001 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

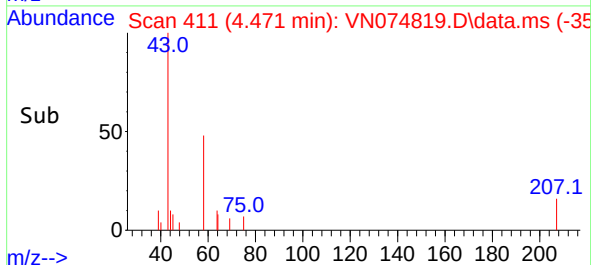
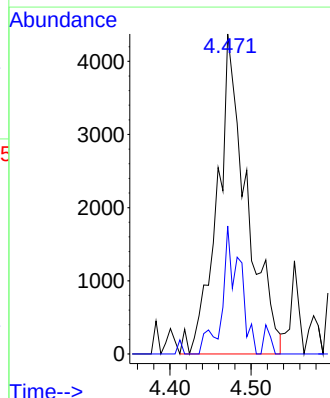
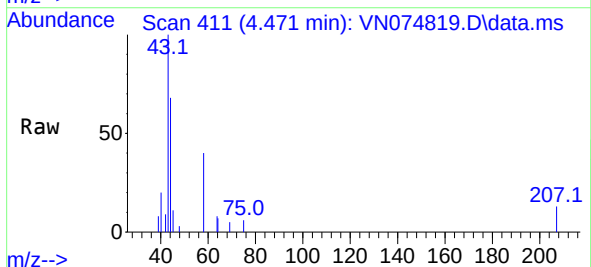
Instrument :
MSVOA_N
ClientSampleId :
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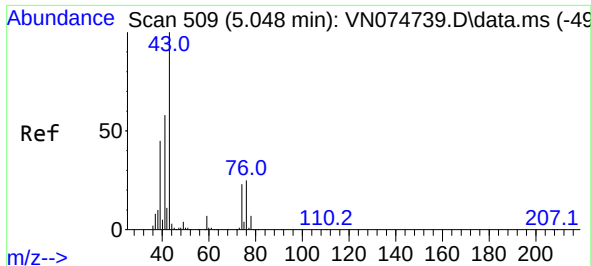
Tgt Ion: 56 Resp: 115
Ion Ratio Lower Upper
56 100
55 89.6 54.9 82.3#



#16
Acetone
Concen: 3.427 ug/l
RT: 4.471 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 43 Resp: 11038
Ion Ratio Lower Upper
43 100
58 40.0 24.9 37.3#

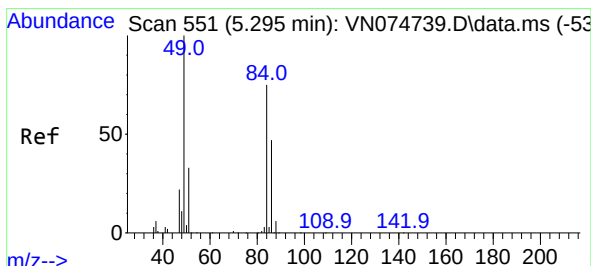
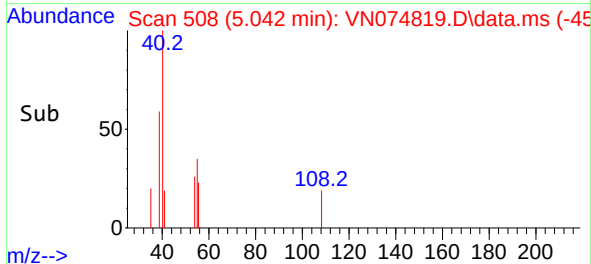
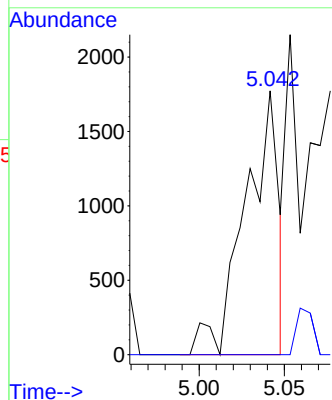
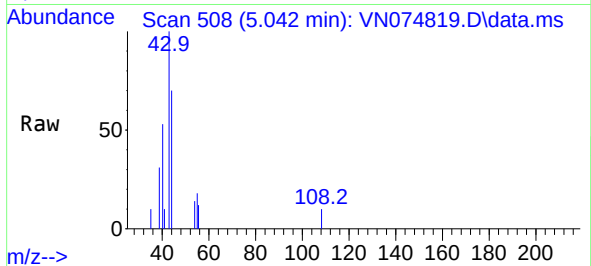




#18
Methyl Acetate
Concen: 0.203 ug/l
RT: 5.042 min Scan# 509
Delta R.T. -0.006 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

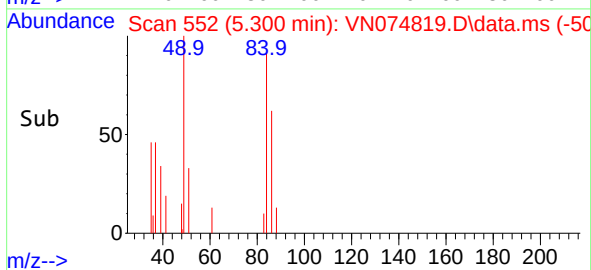
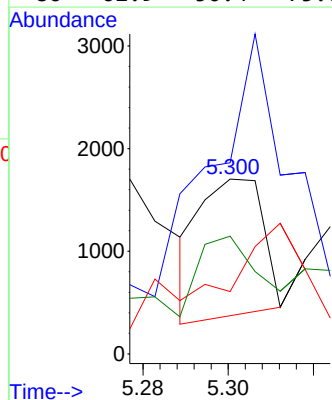
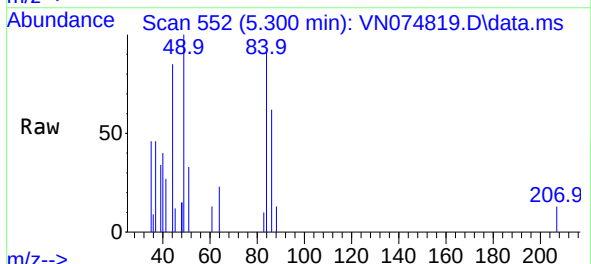
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

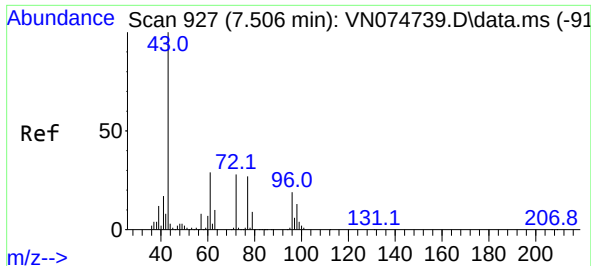
Tgt Ion: 43 Resp: 2422
Ion Ratio Lower Upper
43 100
74 8.6 18.5 27.7#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.300 min Scan# 552
Delta R.T. 0.005 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 84 Resp: 1362
Ion Ratio Lower Upper
84 100
49 24.3 107.4 161.0#
51 7.2 35.1 52.7#
86 62.9 50.4 75.6

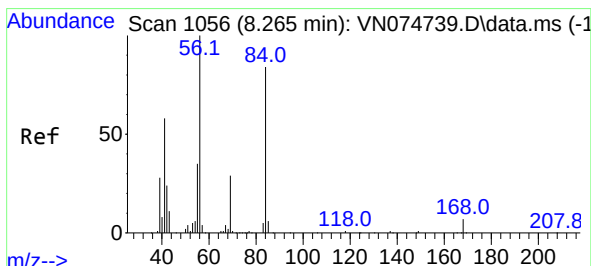
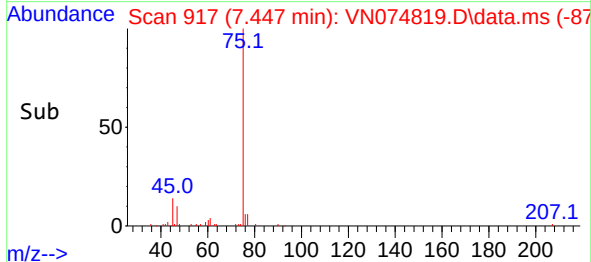
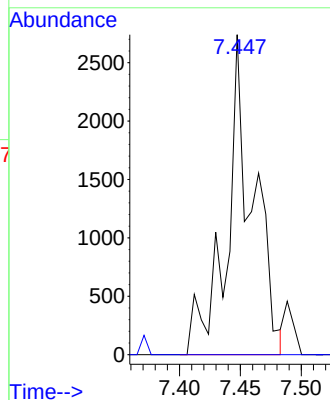
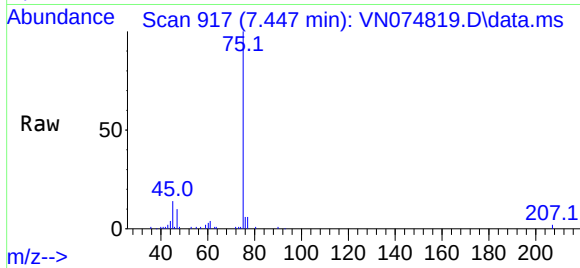




#26
2,2-Dichloropropane
Concen: 0.477 ug/l
RT: 7.447 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

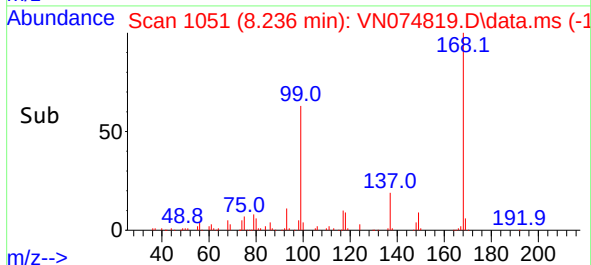
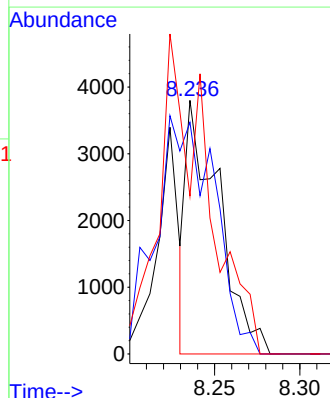
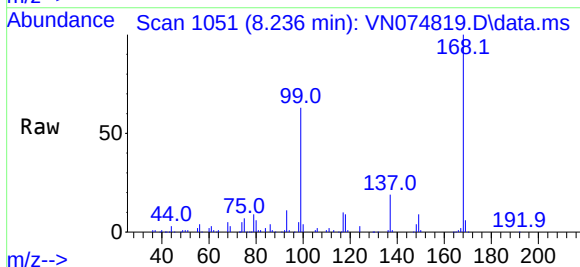
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ClientSampleId :
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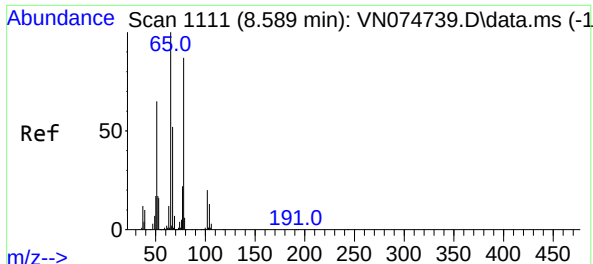
Tgt Ion: 77 Resp: 4125
Ion Ratio Lower Upper
77 100
97 0.0 11.8 35.3#



#31
Cyclohexane
Concen: 0.515 ug/l
RT: 8.236 min Scan# 1051
Delta R.T. -0.030 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 56 Resp: 5058
Ion Ratio Lower Upper
56 100
69 91.3 23.1 34.7#
84 62.3 67.1 100.7#

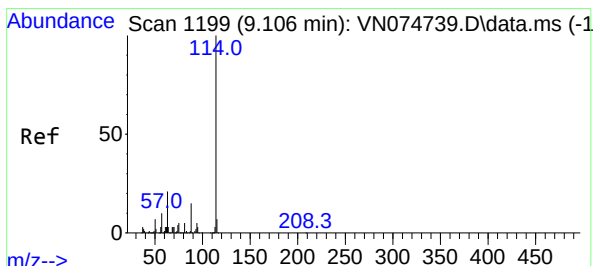
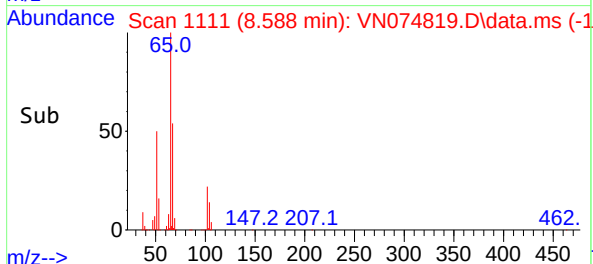
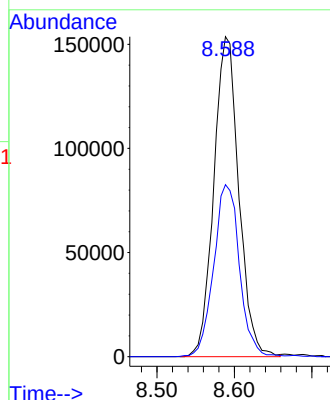
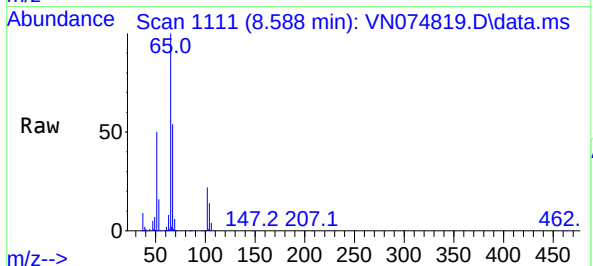




#33
1,2-Dichloroethane-d4
Concen: 60.670 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

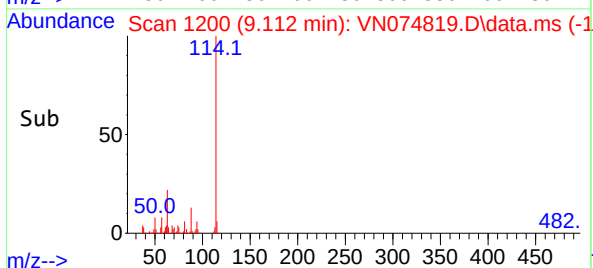
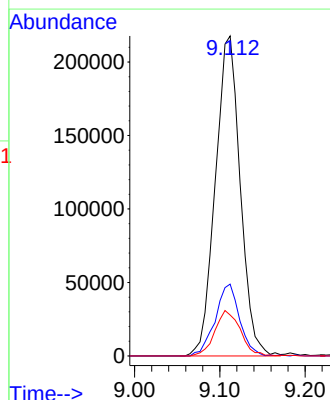
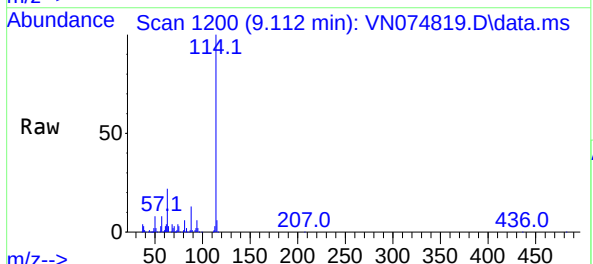
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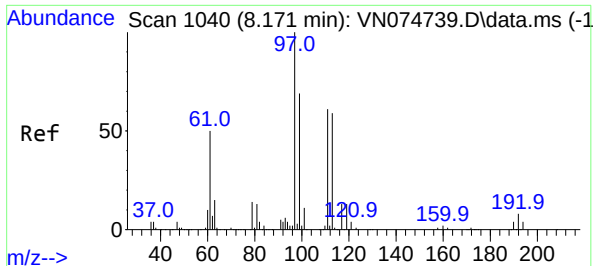
Tgt Ion: 65 Resp: 344792
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.112 min Scan# 1200
Delta R.T. 0.006 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion:114 Resp: 441590
Ion Ratio Lower Upper
114 100
63 22.5 0.0 41.2
88 12.8 0.0 30.2

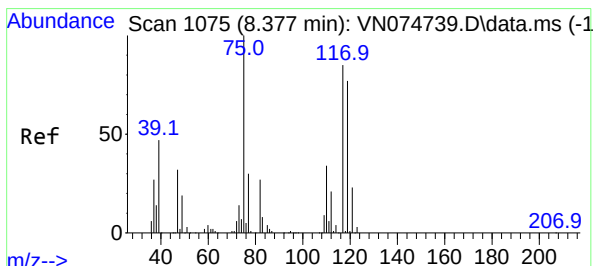
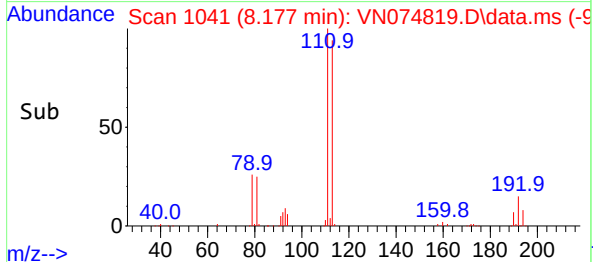
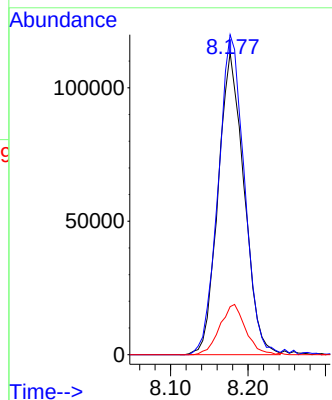
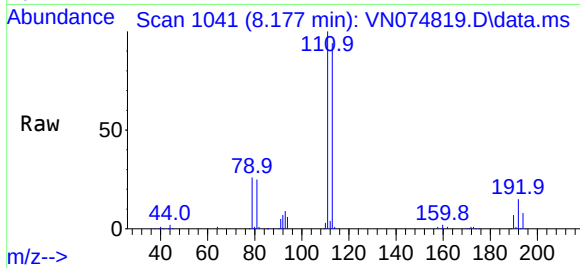




#35
Dibromofluoromethane
Concen: 59.001 ug/l
RT: 8.177 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

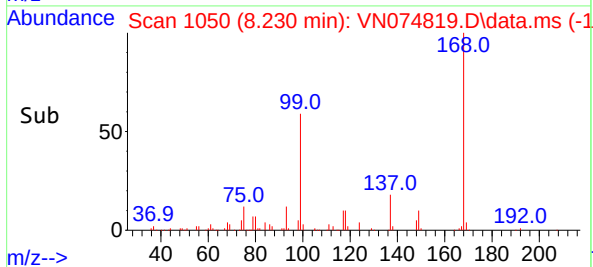
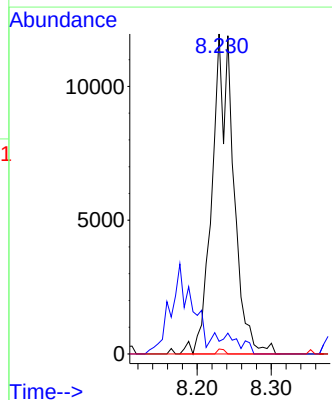
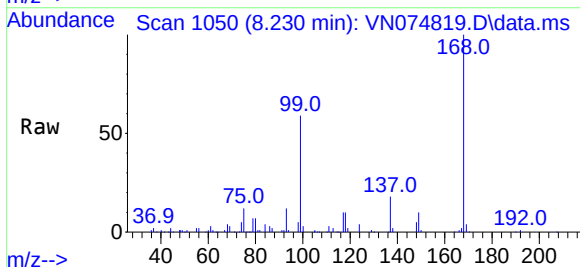
Instrument :
MSVOA_N
ClientSampleId :
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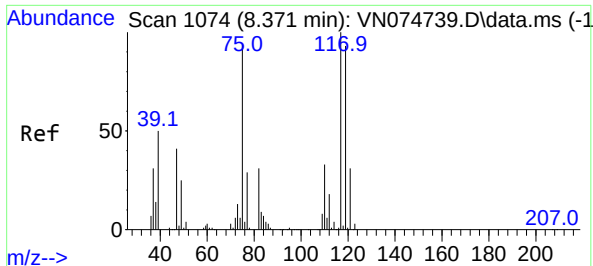
Tgt Ion:113 Resp: 263239
Ion Ratio Lower Upper
113 100
111 106.5 83.0 124.6
192 16.6 12.6 18.8



#36
1,1-Dichloropropene
Concen: 3.341 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 75 Resp: 24128
Ion Ratio Lower Upper
75 100
110 0.0 17.2 51.5#
77 0.5 24.3 36.5#

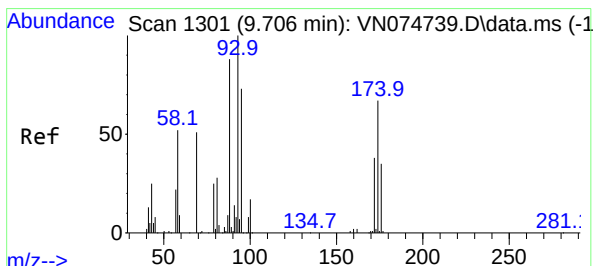
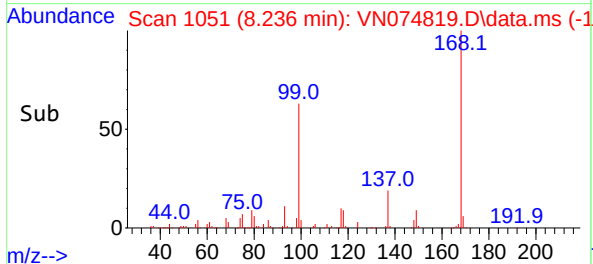
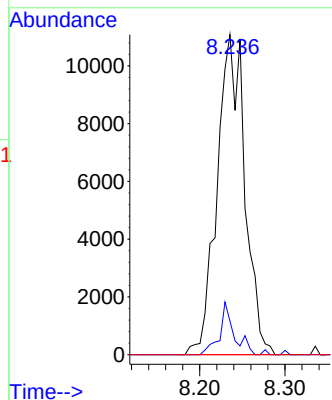
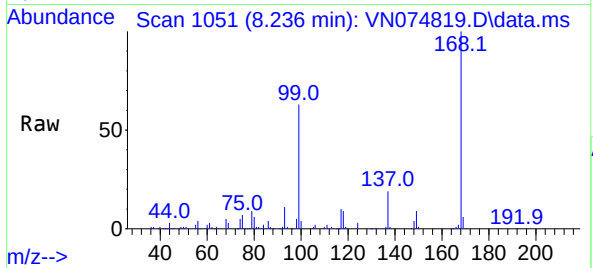




#38
Carbon Tetrachloride
Concen: 3.701 ug/l
RT: 8.236 min Scan# 11
Delta R.T. -0.135 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

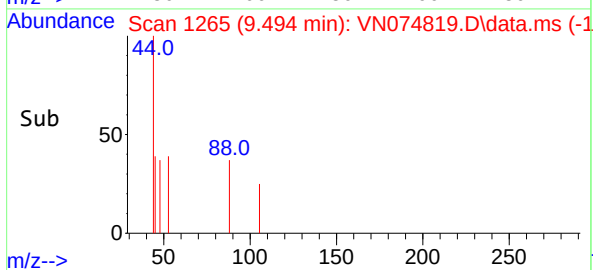
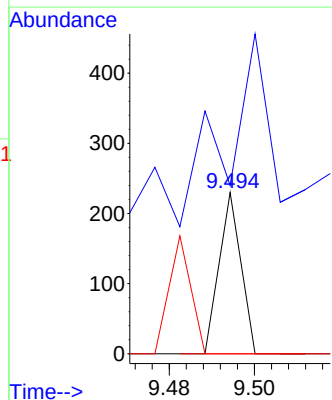
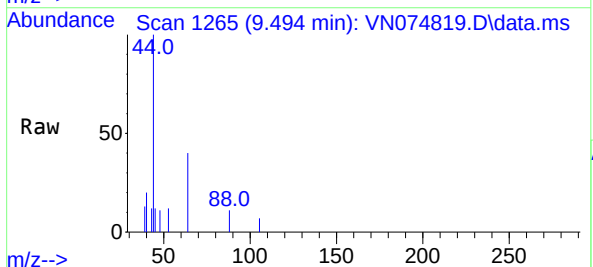
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

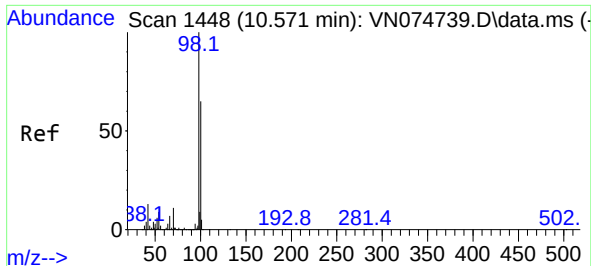
Tgt Ion:117 Resp: 25202
Ion Ratio Lower Upper
117 100
119 10.5 74.3 111.5#
121 0.0 25.0 37.4#



#49
1,4-Dioxane
Concen: 0.509 ug/l
RT: 9.494 min Scan# 1265
Delta R.T. -0.212 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 88 Resp: 81
Ion Ratio Lower Upper
88 100
43 1048.1 23.4 35.2#
58 72.8 54.9 82.3

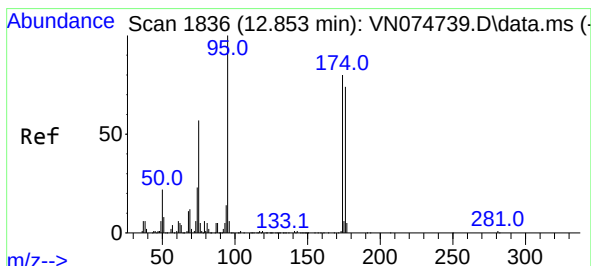
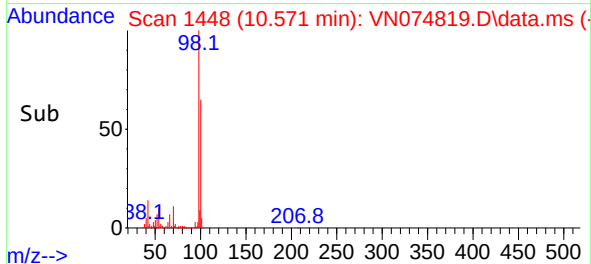
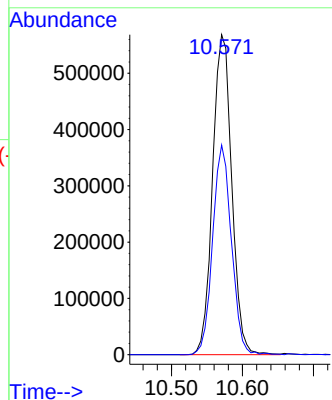
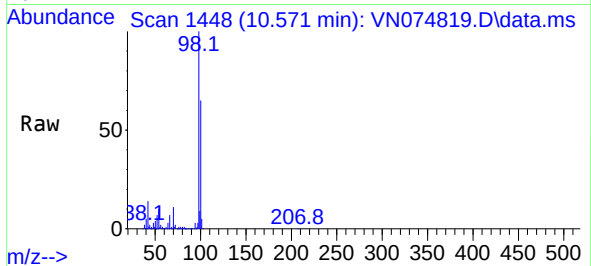




#50
Toluene-d8
Concen: 55.507 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

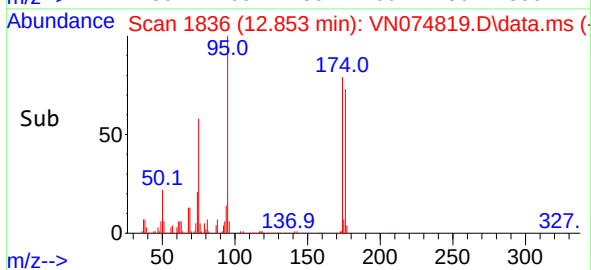
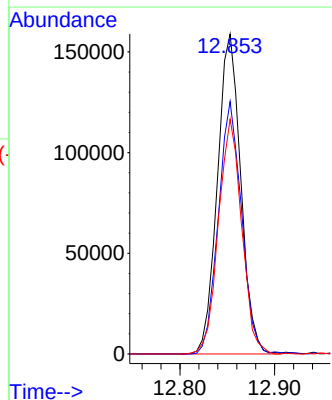
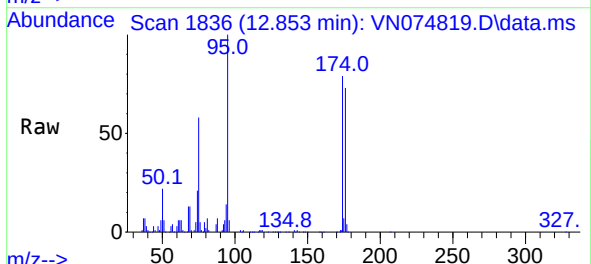
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

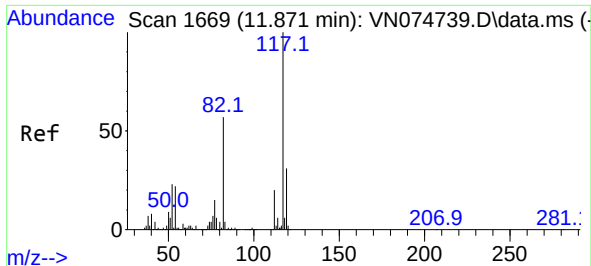
Tgt Ion: 98 Resp: 1062638
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 46.654 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion: 95 Resp: 271508
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.4
176 73.1 0.0 142.0

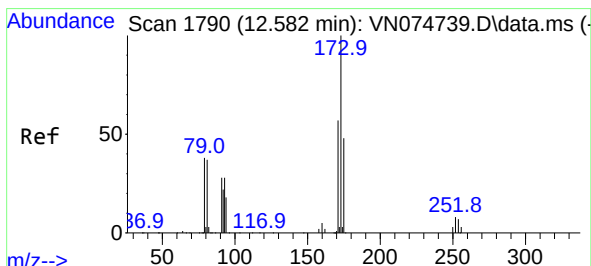
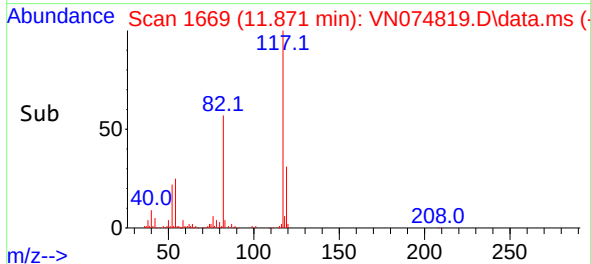
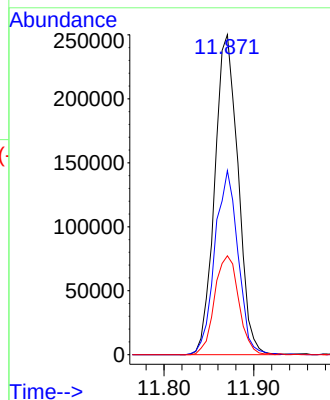
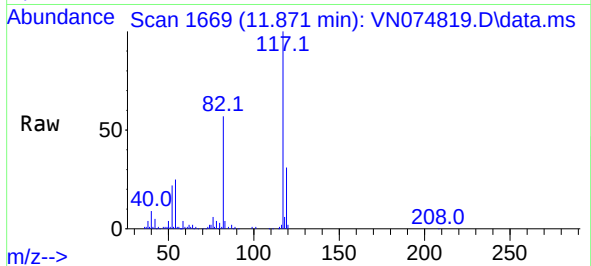




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

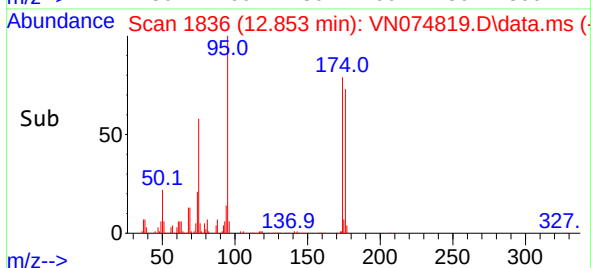
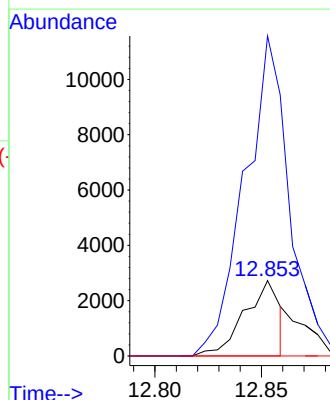
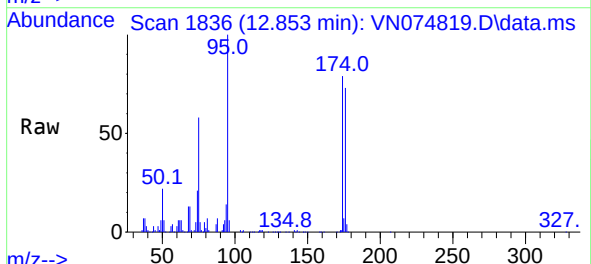
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

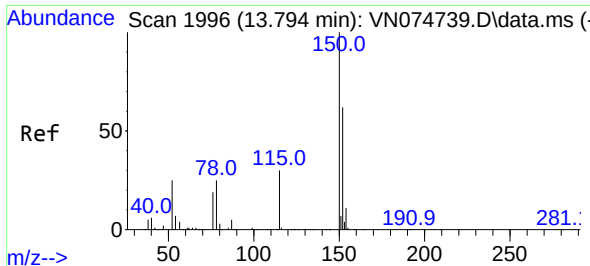
Tgt Ion:117 Resp: 451887
Ion Ratio Lower Upper
117 100
82 57.5 45.4 68.2
119 30.9 25.1 37.7



#71
Bromoform
Concen: 0.818 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.270 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion:173 Resp: 3154
Ion Ratio Lower Upper
173 100
175 442.5 23.9 71.7#
254 0.0 0.1 0.1#

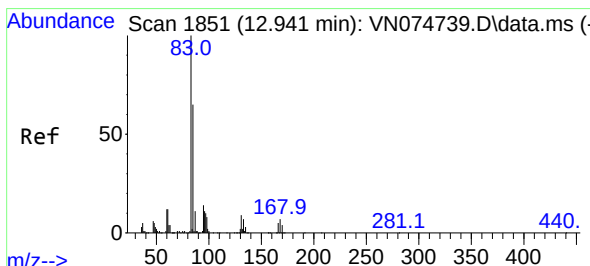
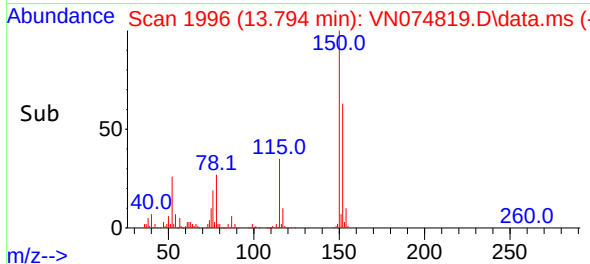
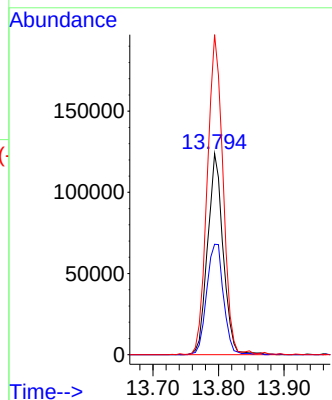
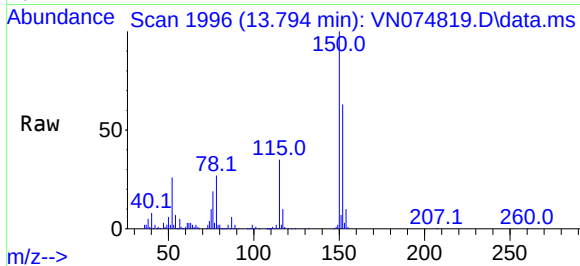




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN074819.D
 Acq: 07 Oct 2022 18:21

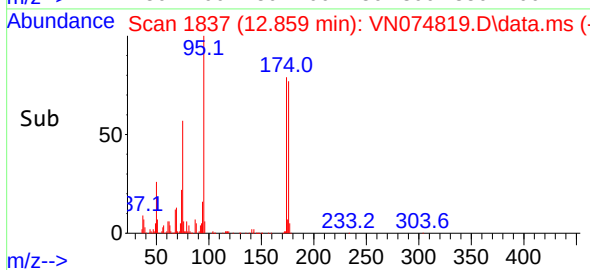
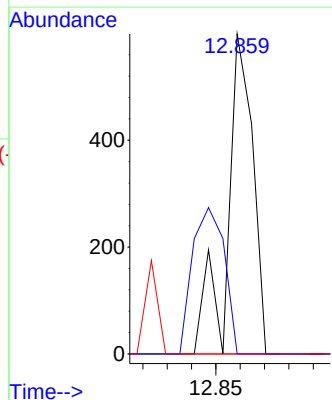
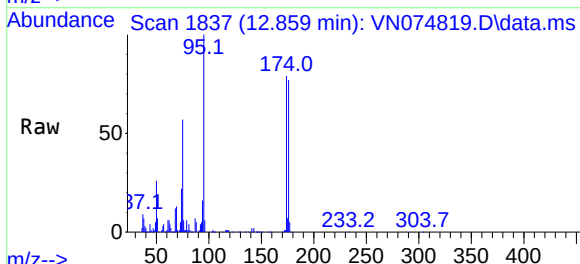
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK-1

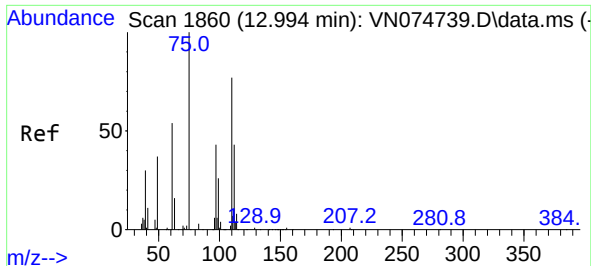
Tgt Ion:152 Resp: 204447
 Ion Ratio Lower Upper
 152 100
 115 59.7 30.0 90.0
 150 159.4 0.0 356.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.859 min Scan# 1837
 Delta R.T. -0.082 min
 Lab File: VN074819.D
 Acq: 07 Oct 2022 18:21

Tgt Ion: 83 Resp: 432
 Ion Ratio Lower Upper
 83 100
 131 57.6 4.3 12.8#
 85 0.0 32.9 98.6#

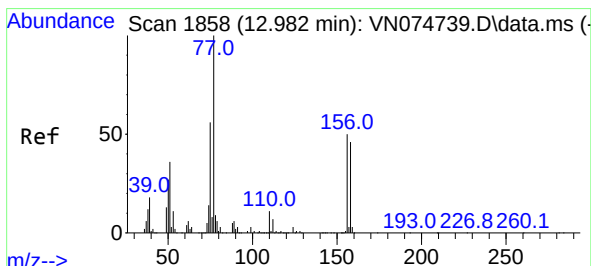
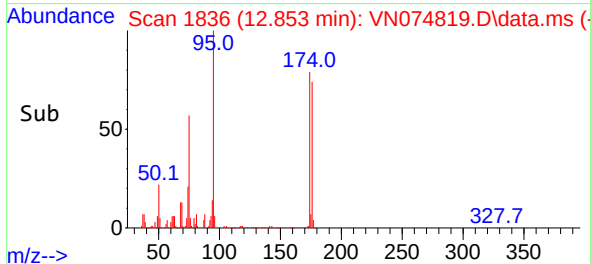
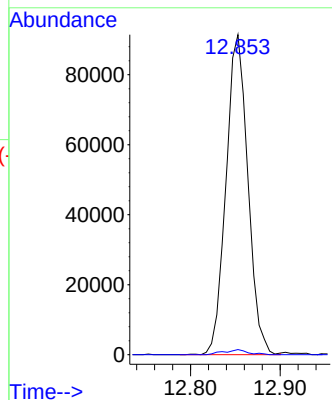
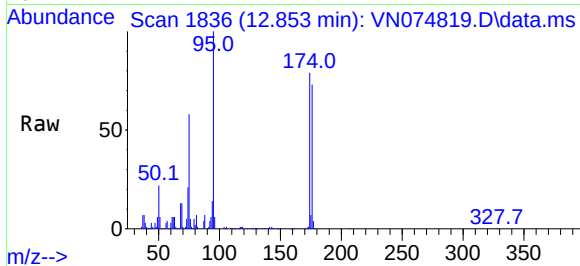




#76
1,2,3-Trichloropropane
Concen: 25.360 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

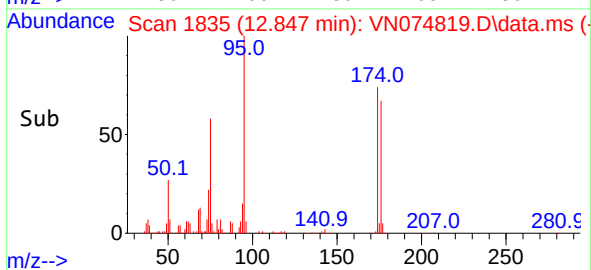
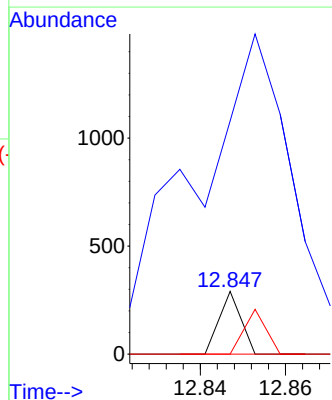
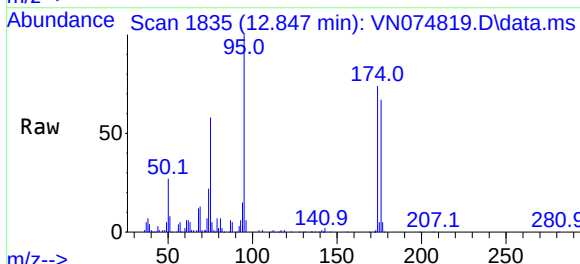
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

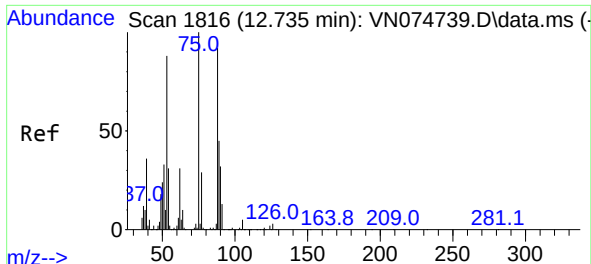
Tgt Ion: 75 Resp: 154749
Ion Ratio Lower Upper
75 100
77 1.7 76.9 230.7#



#77
Bromobenzene
Concen: Below Cal
RT: 12.847 min Scan# 1835
Delta R.T. -0.135 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion:156 Resp: 102
Ion Ratio Lower Upper
156 100
77 2610.8 124.7 374.1#
158 71.6 48.3 144.9

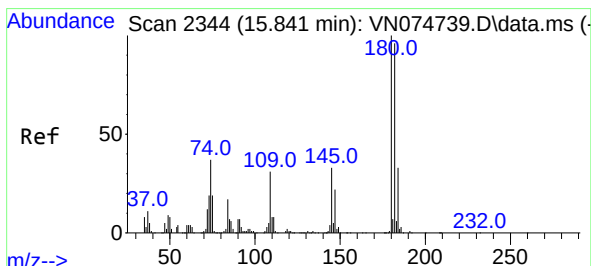
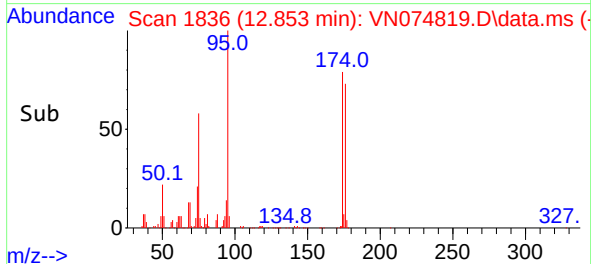
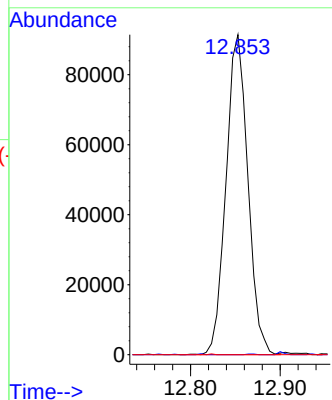
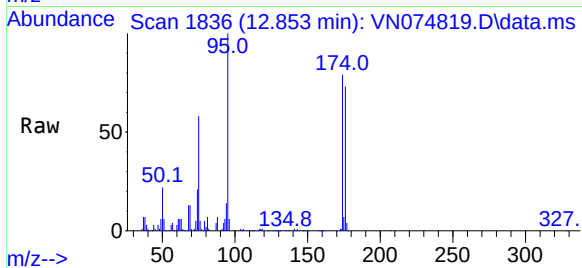




#81
trans-1,4-Dichloro-2-butene
Concen: 49.410 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK-1

Tgt Ion: 75 Resp: 154749
Ion Ratio Lower Upper
75 100
53 0.1 71.4 107.0#
89 0.0 32.1 48.1#



#96
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 16.029 min Scan# 2376
Delta R.T. 0.188 min
Lab File: VN074819.D
Acq: 07 Oct 2022 18:21

Tgt Ion:180 Resp: 245
Ion Ratio Lower Upper
180 100
182 0.0 47.3 142.0#
145 0.0 17.1 51.2#

