

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073823.D
 Acq On : 11 Aug 2022 14:24
 Operator : JC\MD
 Sample : N4169-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20220809

Quant Time: Aug 12 06:01:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

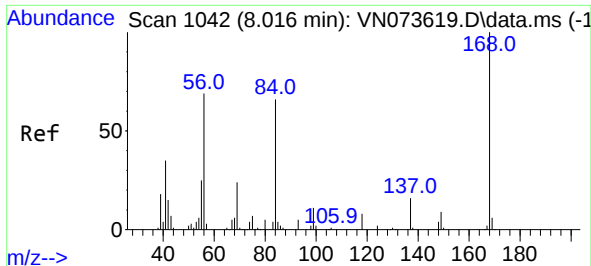
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.022	168	381633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	596166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	554425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	257878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	236838	50.924	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 101.840%		
35) Dibromofluoromethane	7.957	113	222223	59.362	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 118.720%		
50) Toluene-d8	10.380	98	693444	47.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 94.140%		
62) 4-Bromofluorobenzene	12.674	95	248074	48.082	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 96.160%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	967	Below Cal	#	51
6) Chloroethane	2.975	64	120	Below Cal	#	42
16) Acetone	4.246	43	1671	0.669	ug/l #	42
18) Methyl Acetate	4.798	43	2462	0.396	ug/l #	58
20) Methylene Chloride	5.010	84	853	Below Cal	#	56
31) Cyclohexane	8.022	56	7389	1.067	ug/l #	30
36) 1,1-Dichloropropene	8.016	75	26691	5.003	ug/l #	48
38) Carbon Tetrachloride	8.016	117	35779	6.603	ug/l #	18
43) Isopropyl Acetate	8.757	43	3637	0.383	ug/l #	53
51) 4-Methyl-2-Pentanone	10.380	43	2740	0.403	ug/l #	1
71) Bromoform	12.669	173	1618	0.464	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	126651	25.211	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	126651	63.647	ug/l #	10

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

Quant Time: Aug 12 06:01:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

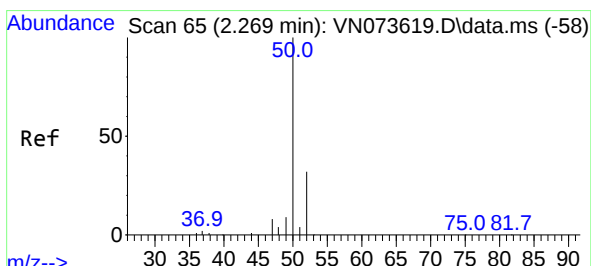
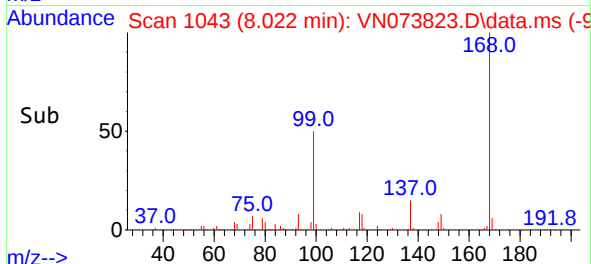
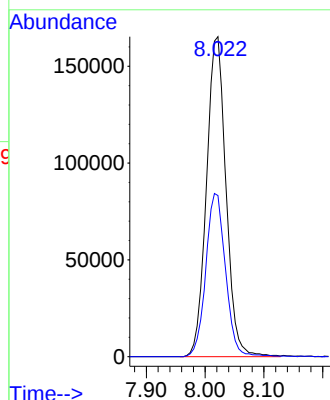
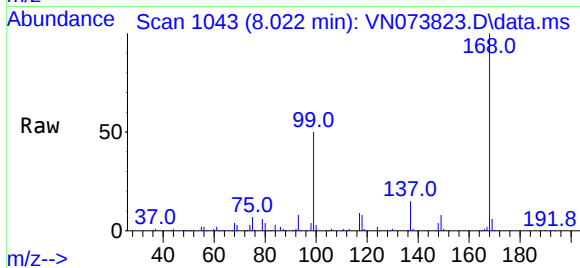




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

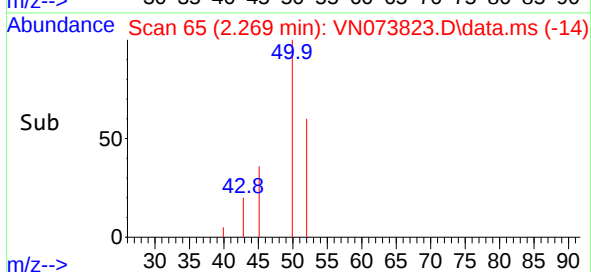
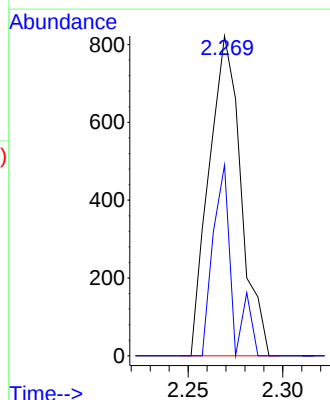
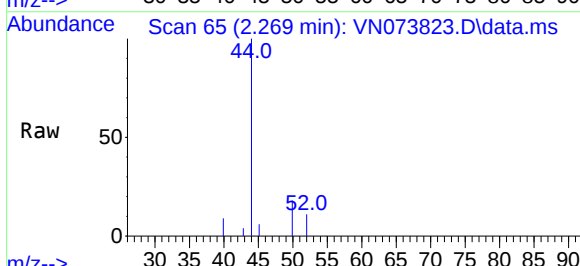
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220809

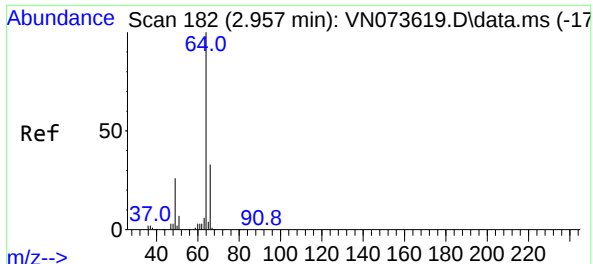
Tgt Ion:168 Resp: 381633
Ion Ratio Lower Upper
168 100
99 50.3 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 50 Resp: 967
Ion Ratio Lower Upper
50 100
52 59.6 25.7 38.5#

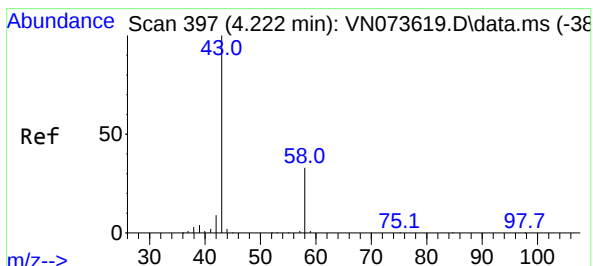
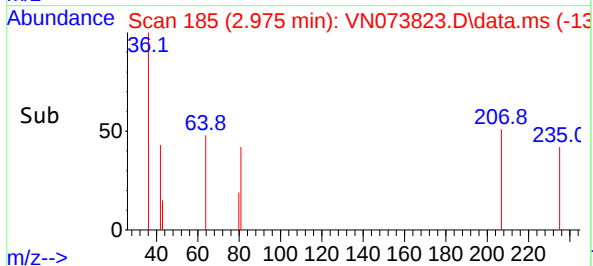
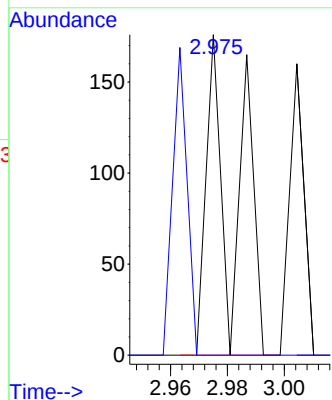
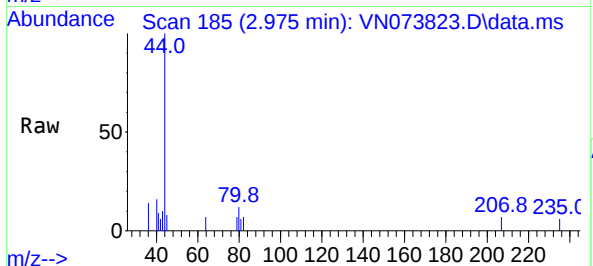




#6
Chloroethane
Concen: Below Cal
RT: 2.975 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

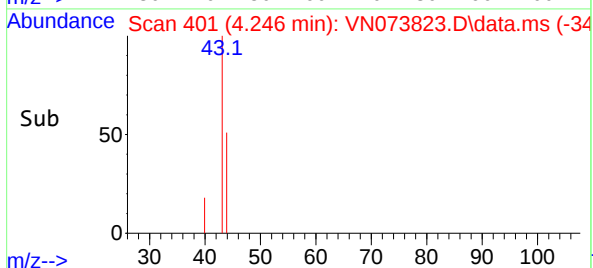
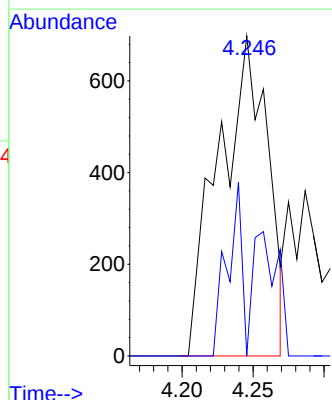
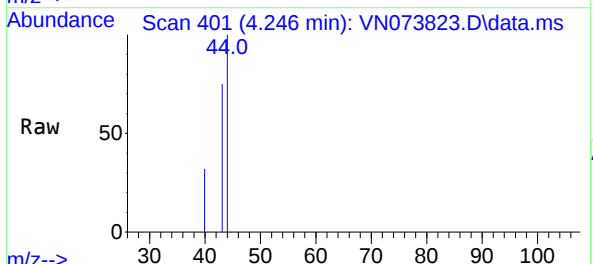
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220809

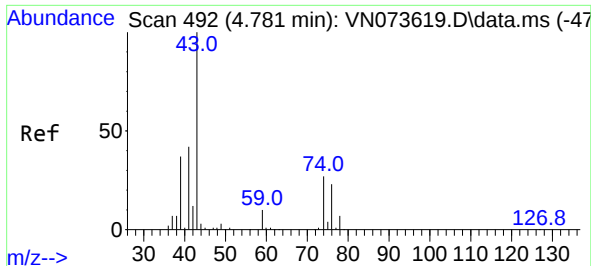
Tgt Ion: 64 Resp: 120
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#16
Acetone
Concen: 0.669 ug/l
RT: 4.246 min Scan# 401
Delta R.T. 0.024 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 43 Resp: 1671
Ion Ratio Lower Upper
43 100
58 0.0 26.0 39.0#

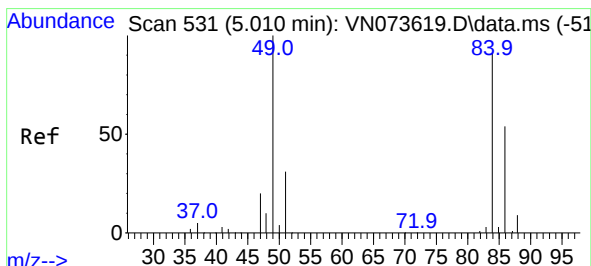
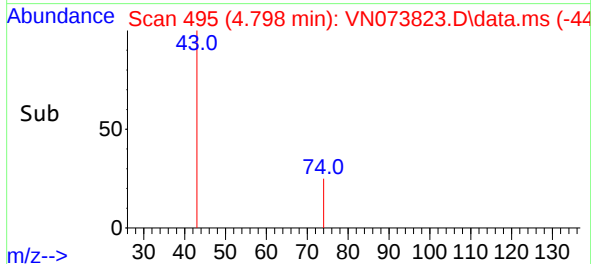
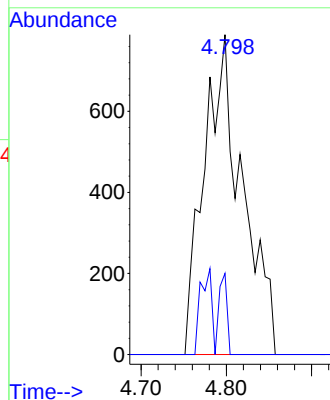
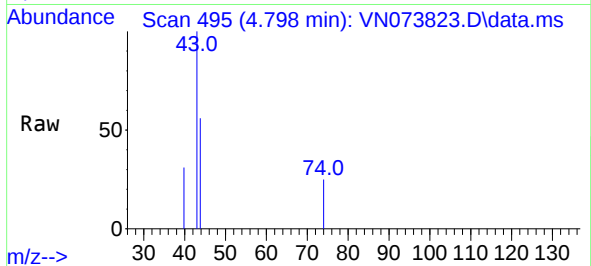




#18
Methyl Acetate
Concen: 0.396 ug/l
RT: 4.798 min Scan# 492
Delta R.T. 0.018 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

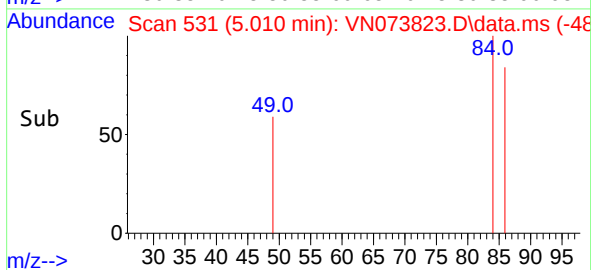
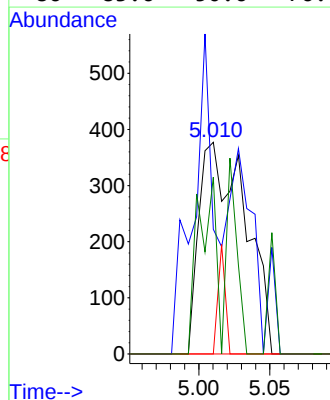
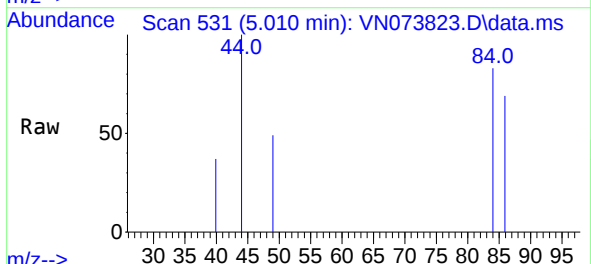
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220809

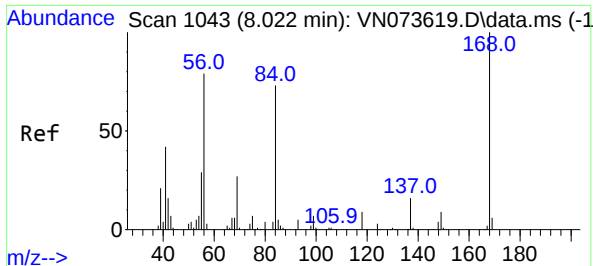
Tgt Ion: 43 Resp: 2462
Ion Ratio Lower Upper
43 100
74 5.3 21.6 32.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 84 Resp: 853
Ion Ratio Lower Upper
84 100
49 58.9 88.3 132.5#
51 0.0 28.2 42.2#
86 83.6 50.6 76.0#

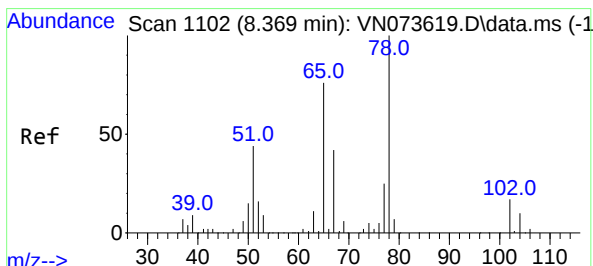
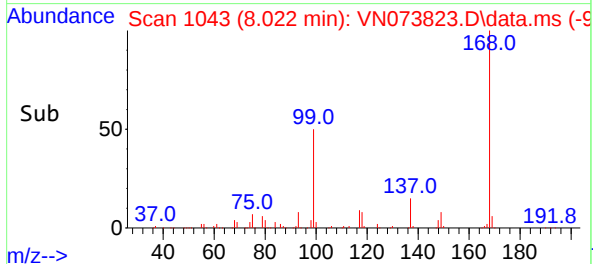
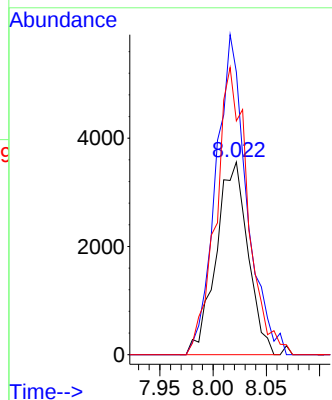
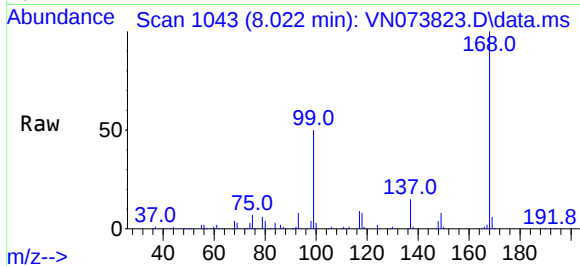




#31
Cyclohexane
Concen: 1.067 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

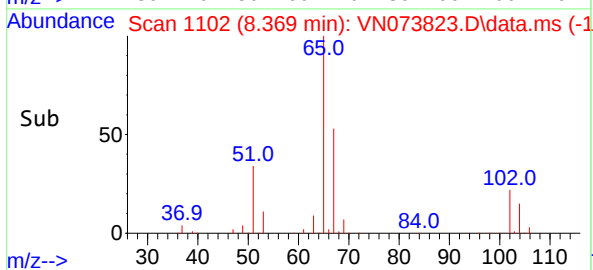
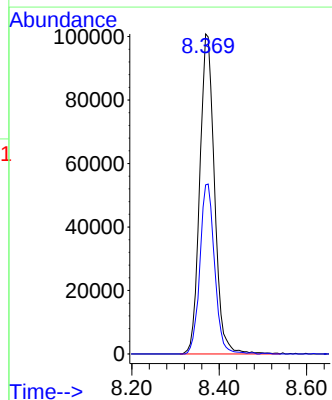
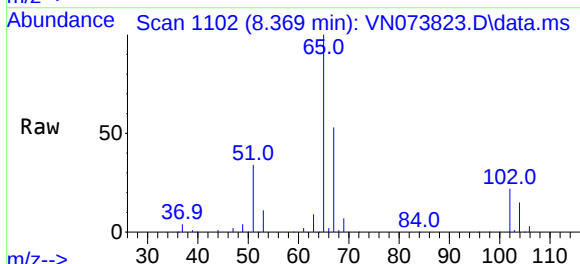
Instrument :
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ClientSampleId :
DUP01-20220809

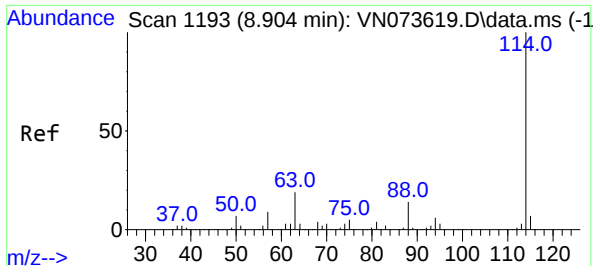
Tgt Ion: 56 Resp: 7389
Ion Ratio Lower Upper
56 100
69 146.7 27.8 41.8#
84 121.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.924 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 65 Resp: 236838
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.8

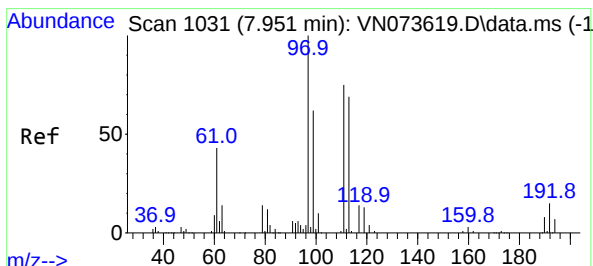
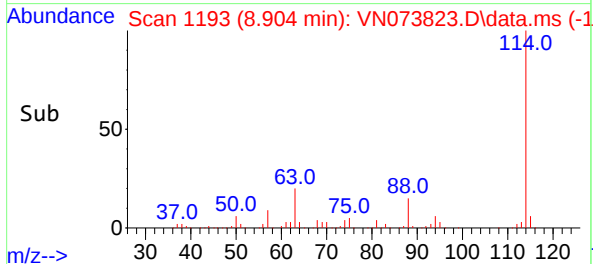
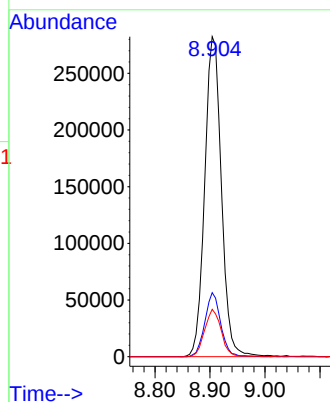
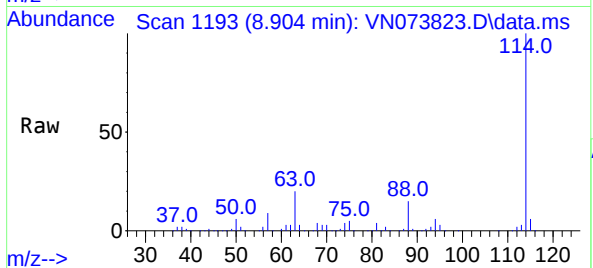




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

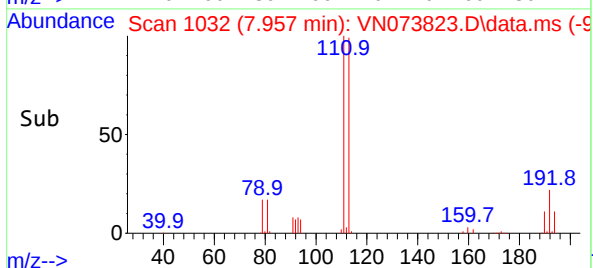
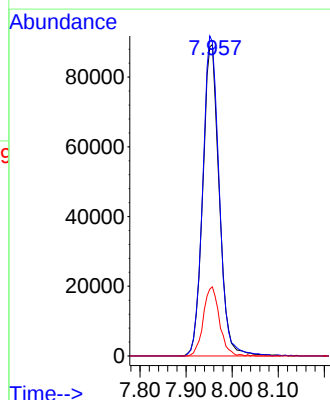
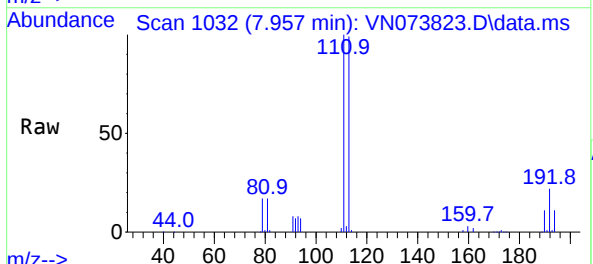
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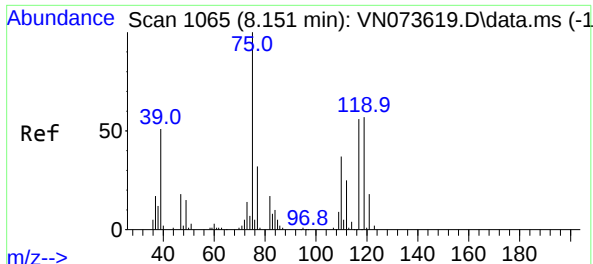
Tgt Ion:114 Resp: 596166
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.0
88 14.8 0.0 32.6



#35
Dibromofluoromethane
Concen: 59.362 ug/l
RT: 7.957 min Scan# 1032
Delta R.T. 0.006 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion:113 Resp: 222223
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 21.7 17.0 25.6

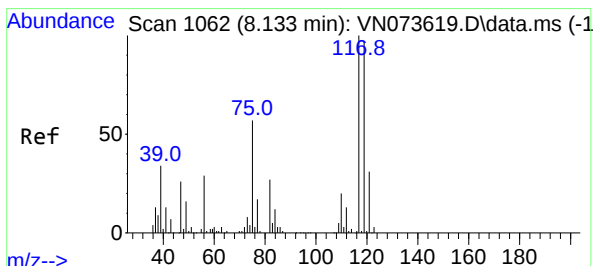
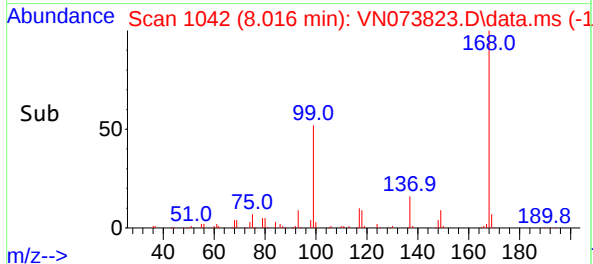
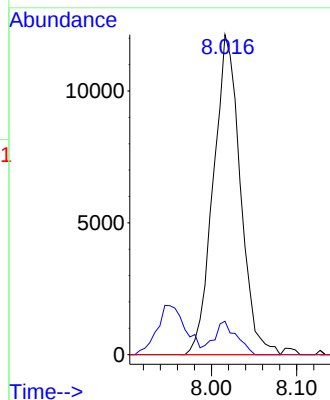
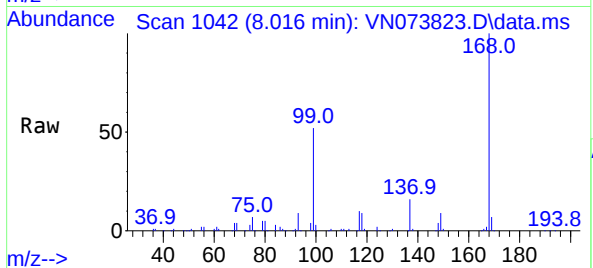




#36
1,1-Dichloropropene
Concen: 5.003 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.135 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

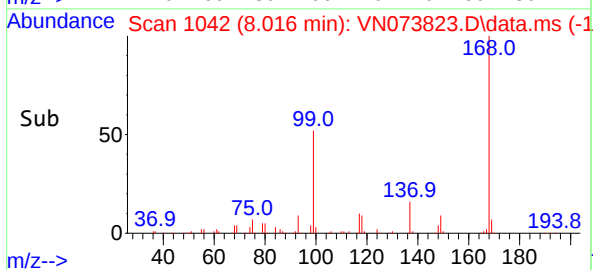
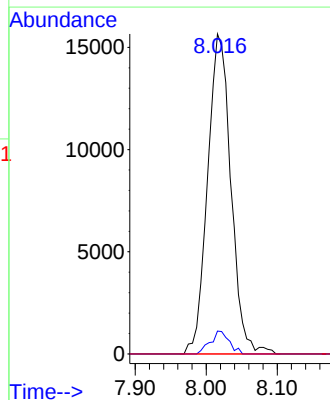
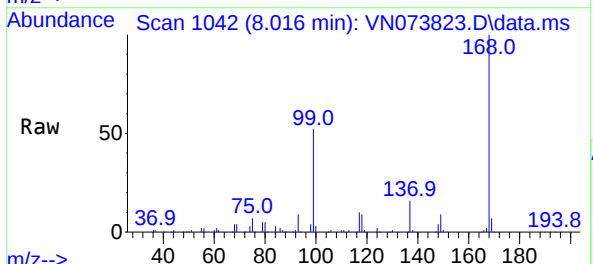
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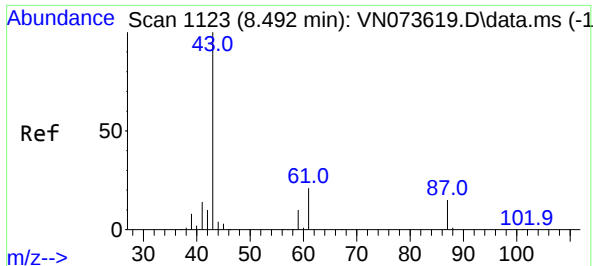
Tgt Ion: 75 Resp: 26691
Ion Ratio Lower Upper
75 100
110 8.3 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.603 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 117 Resp: 35779
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.8#
121 0.0 24.6 37.0#

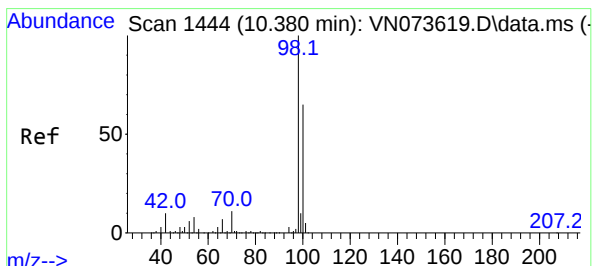
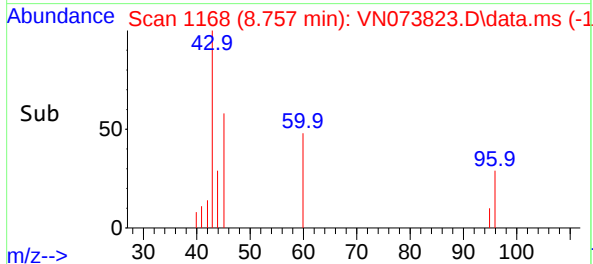
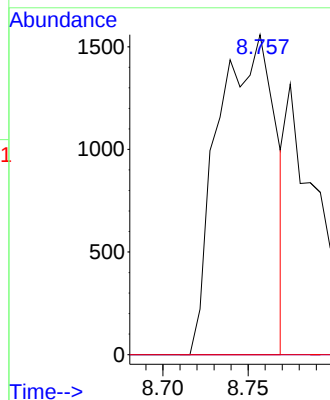
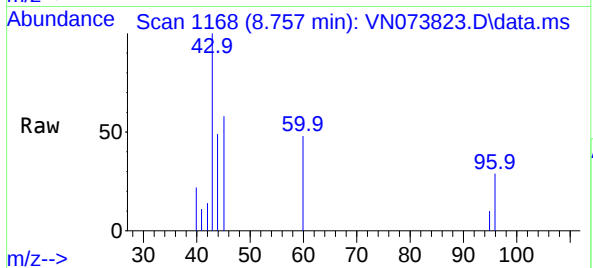




#43
Isopropyl Acetate
Concen: 0.383 ug/l
RT: 8.757 min Scan# 1168
Delta R.T. 0.265 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

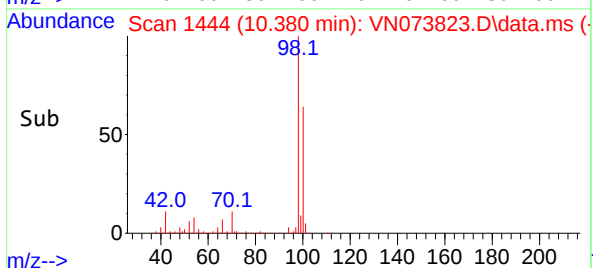
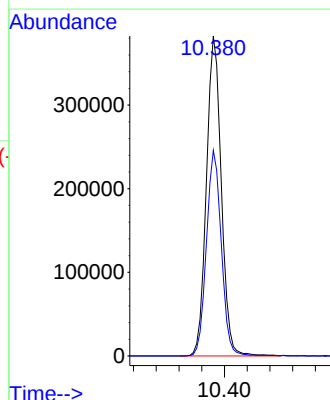
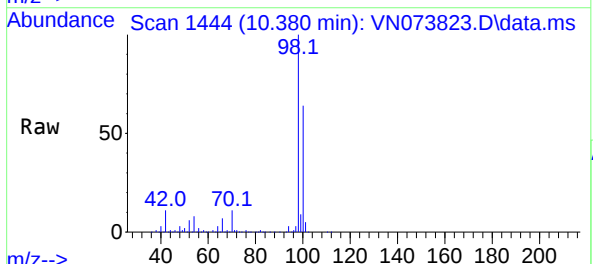
Instrument :
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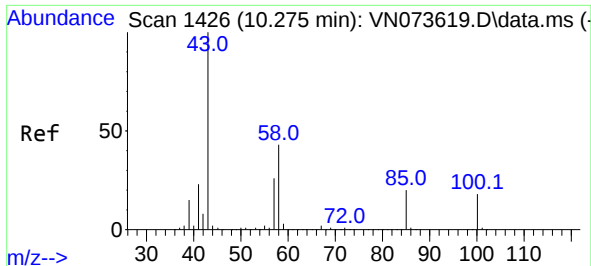
Tgt Ion: 43 Resp: 3637
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 47.073 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 98 Resp: 693444
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8

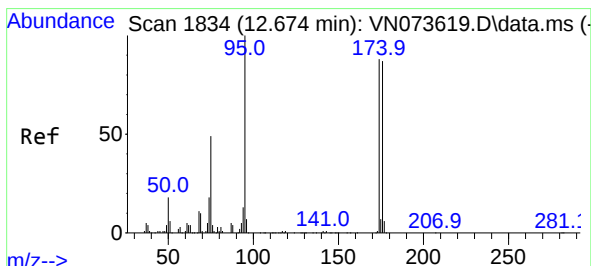
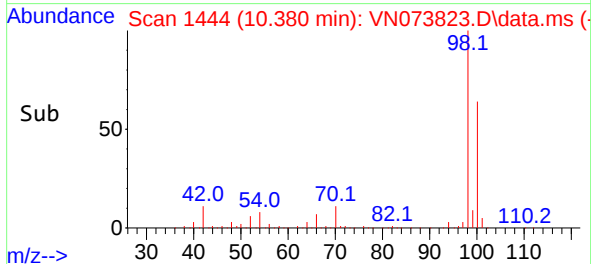
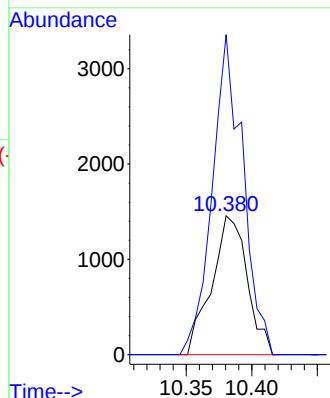
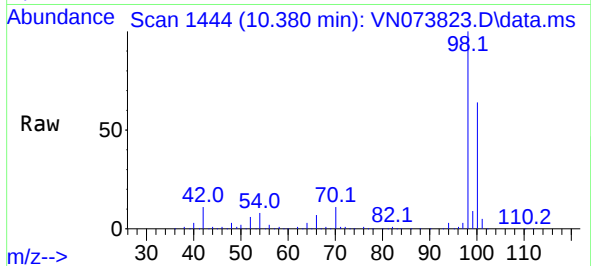




#51
4-Methyl-2-Pentanone
Concen: 0.403 ug/l
RT: 10.380 min Scan# 1426
Delta R.T. 0.105 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

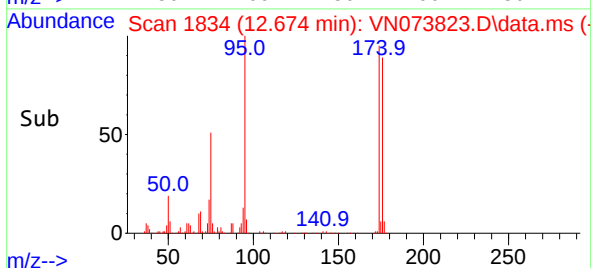
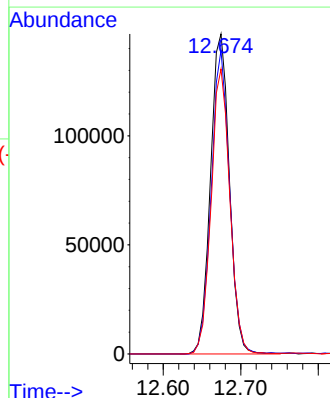
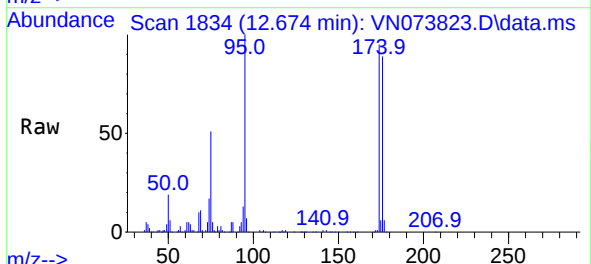
Instrument :
MSVOA_N
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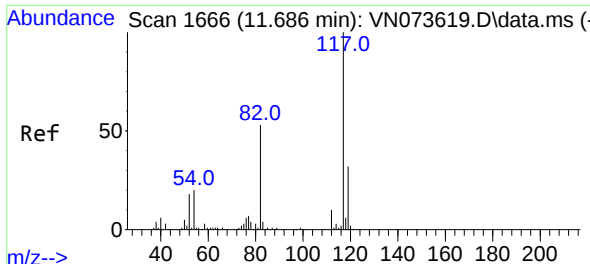
Tgt Ion: 43 Resp: 2740
Ion Ratio Lower Upper
43 100
58 199.5 34.1 51.1#



#62
4-Bromofluorobenzene
Concen: 48.082 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 95 Resp: 248074
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 88.4 0.0 163.4

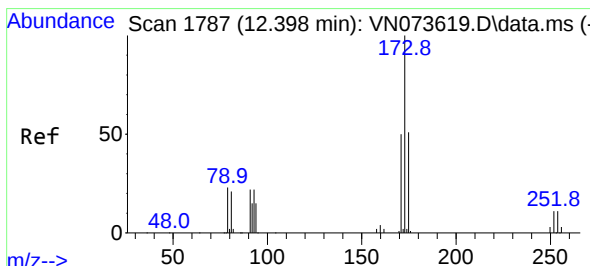
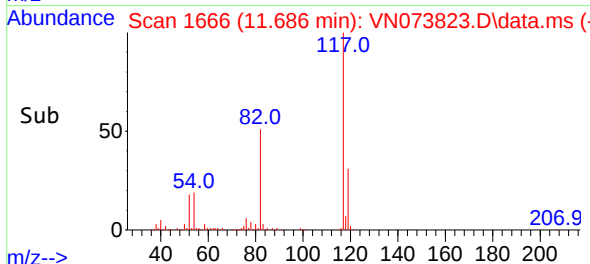
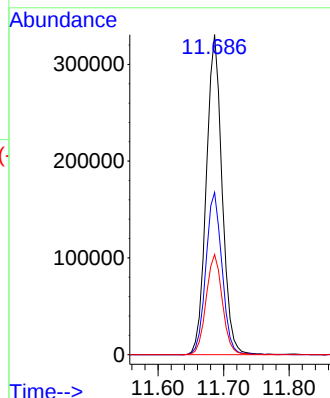
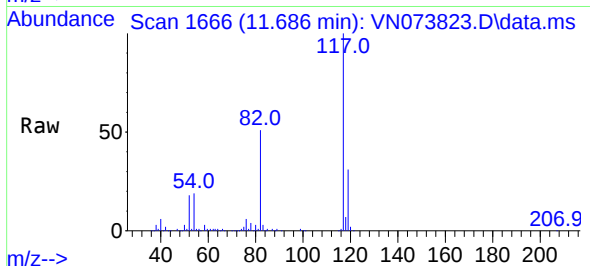




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

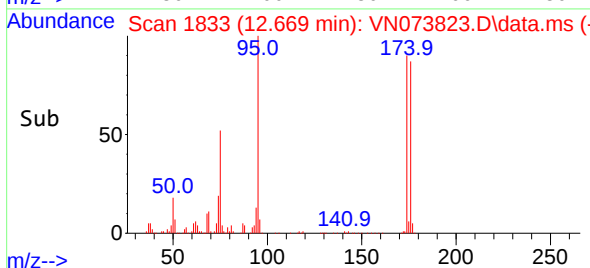
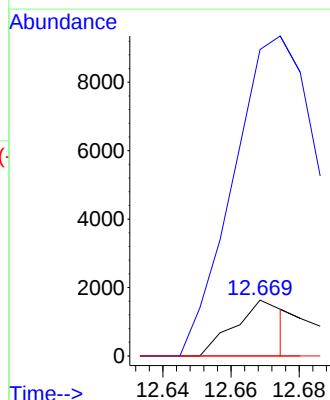
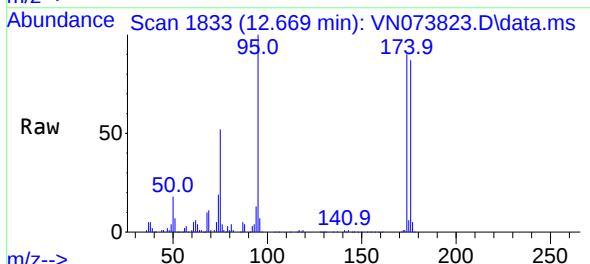
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220809

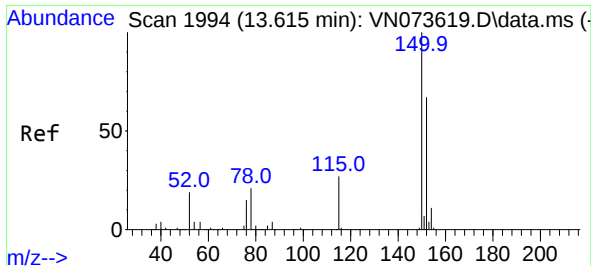
Tgt Ion:117 Resp: 554425
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 31.3 25.4 38.0



#71
Bromoform
Concen: 0.464 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

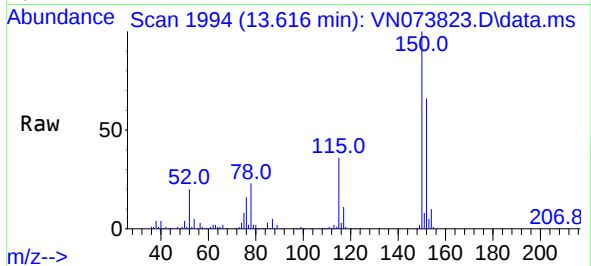
Tgt Ion:173 Resp: 1618
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



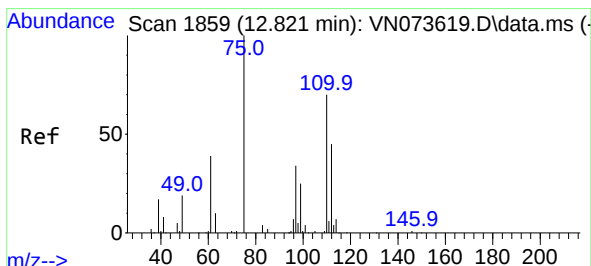
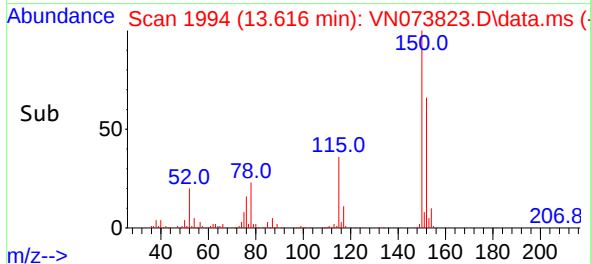
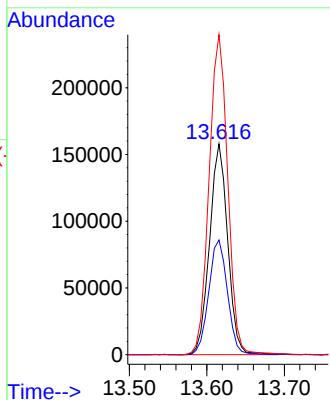


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.616 min Scan# 1994
 Delta R.T. 0.000 min
 Lab File: VN073823.D
 Acq: 11 Aug 2022 14:24

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20220809

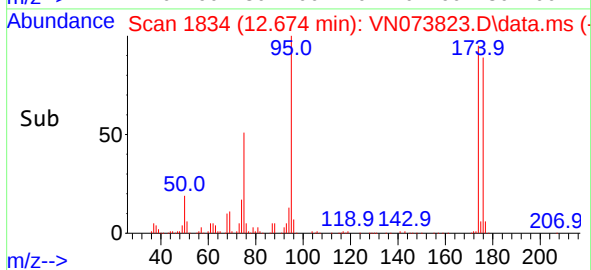
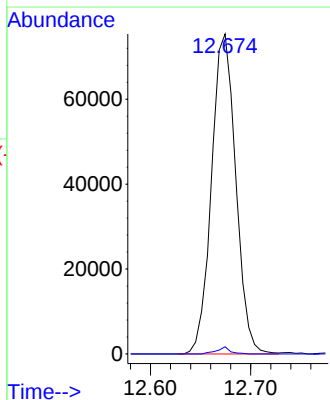
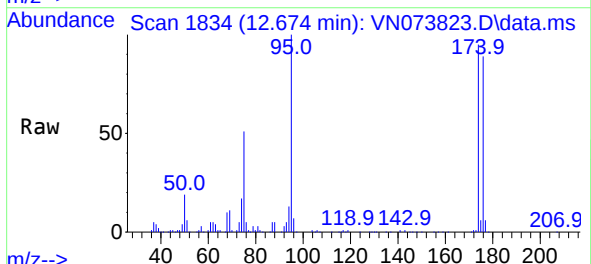


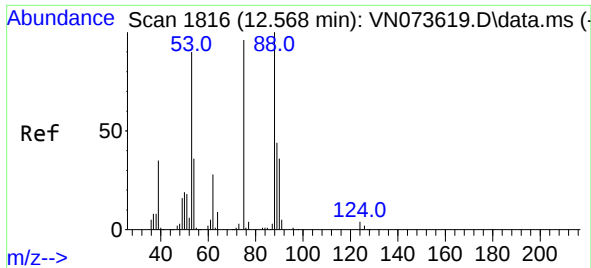
Tgt Ion:152 Resp: 257878
 Ion Ratio Lower Upper
 152 100
 115 56.0 28.9 86.7
 150 155.5 0.0 356.2



#76
 1,2,3-Trichloropropane
 Concen: 25.211 ug/l
 RT: 12.674 min Scan# 1834
 Delta R.T. -0.147 min
 Lab File: VN073823.D
 Acq: 11 Aug 2022 14:24

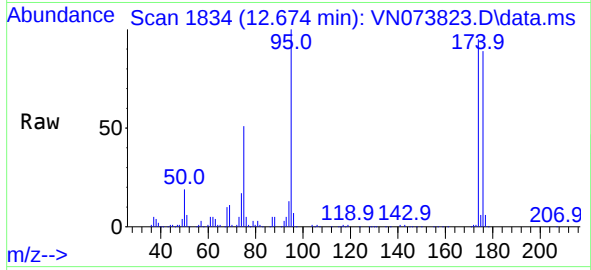
Tgt Ion: 75 Resp: 126651
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 63.647 ug/l
RT: 12.674 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220809



Tgt Ion: 75 Resp: 126651
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

