

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073820.D
 Acq On : 11 Aug 2022 13:10
 Operator : JC\MD
 Sample : N4154-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WV-TOTECOMP-2

Quant Time: Aug 12 06:00:22 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)

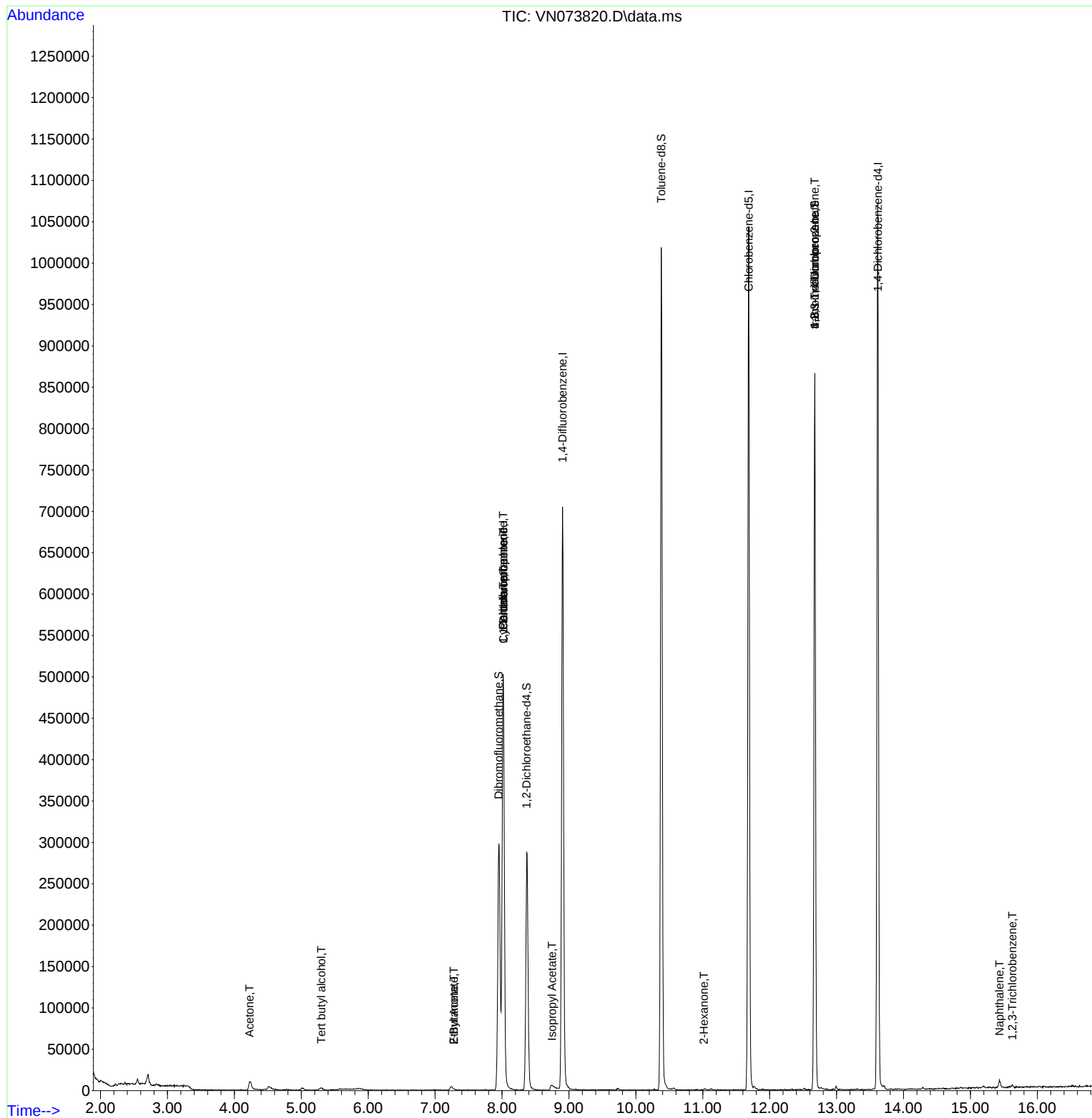
Internal Standards						
1) Pentafluorobenzene	8.016	168	420812	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	655028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	616863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	308774	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	241250	47.043	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	94.080%	
35) Dibromofluoromethane	7.951	113	224821	54.659	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	109.320%	
50) Toluene-d8	10.381	98	728785	45.026	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	90.060%	
62) 4-Bromofluorobenzene	12.674	95	277293	48.868	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.740%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.269	50	1207	Below Cal		93
6) Chloroethane	2.875	64	80	Below Cal	#	42
11) Tert butyl alcohol	5.298	59	5142	4.649	ug/l #	81
16) Acetone	4.228	43	19847	7.205	ug/l	95
20) Methylene Chloride	5.010	84	2283	Below Cal	#	92
25) 2-Butanone	7.281	43	2215	0.518	ug/l #	83
31) Cyclohexane	8.022	56	7216	0.945	ug/l #	28
36) 1,1-Dichloropropene	8.022	75	28651	4.887	ug/l #	49
37) Ethyl Acetate	7.281	43	2215	0.287	ug/l #	67
38) Carbon Tetrachloride	8.016	117	39146	6.575	ug/l #	18
43) Isopropyl Acetate	8.745	43	5138	0.493	ug/l #	53
59) 2-Hexanone	11.016	43	1804	0.318	ug/l	86
76) 1,2,3-Trichloropropane	12.674	75	139518	22.919	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	139518	58.556	ug/l #	10
95) Naphthalene	15.433	128	9410	0.536	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.627	180	1317	0.231	ug/l	90

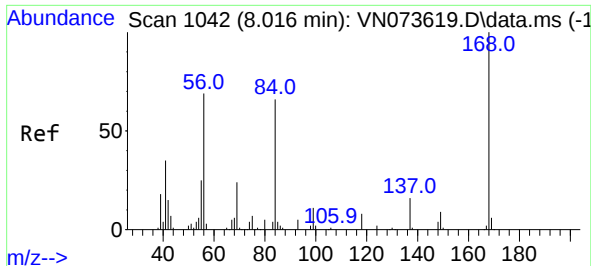
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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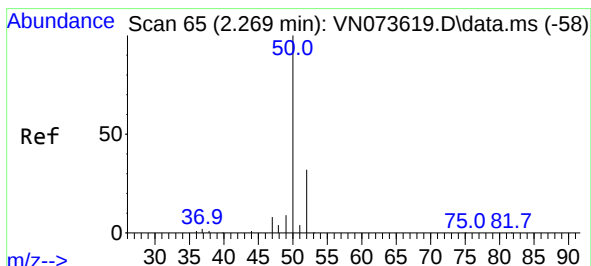
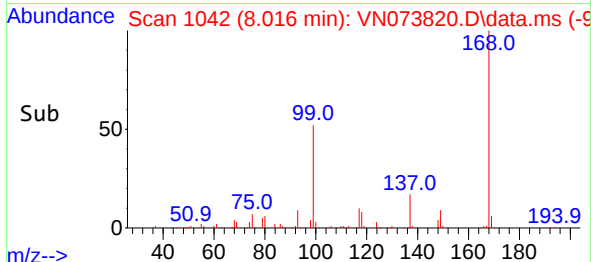
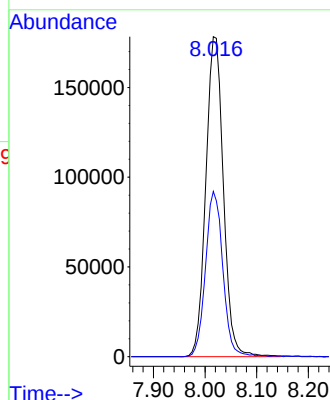
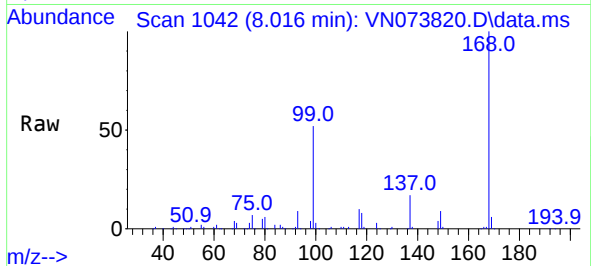




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

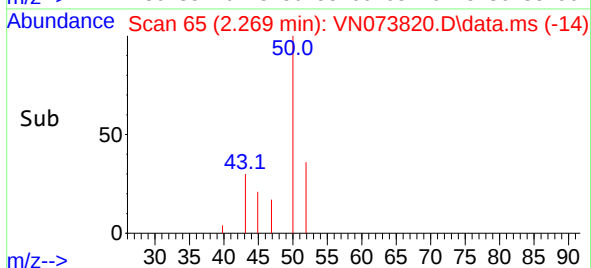
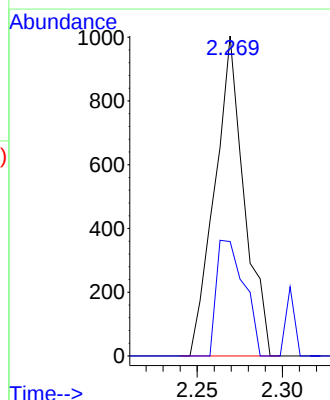
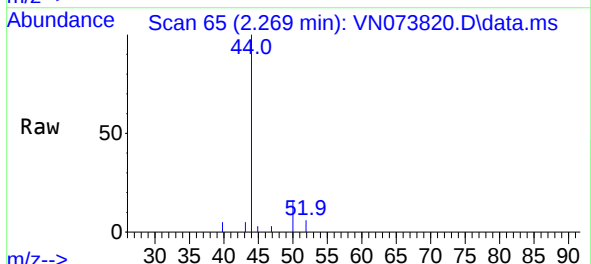
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

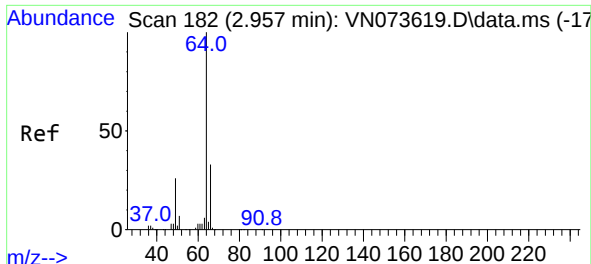
Tgt Ion:168 Resp: 420812
Ion Ratio Lower Upper
168 100
99 51.7 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 50 Resp: 1207
Ion Ratio Lower Upper
50 100
52 35.8 25.7 38.5

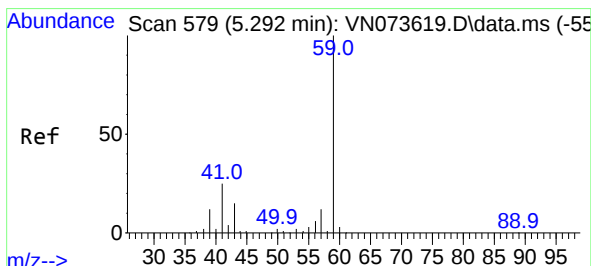
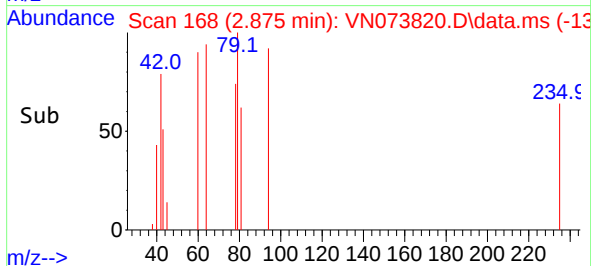
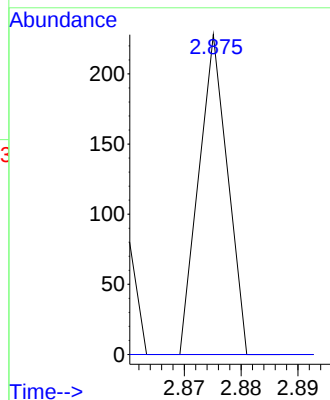
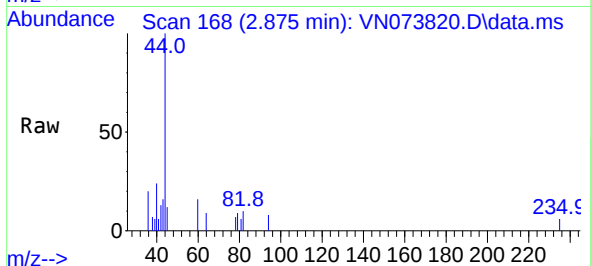




#6
Chloroethane
Concen: Below Cal
RT: 2.875 min Scan# 11
Delta R.T. -0.082 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

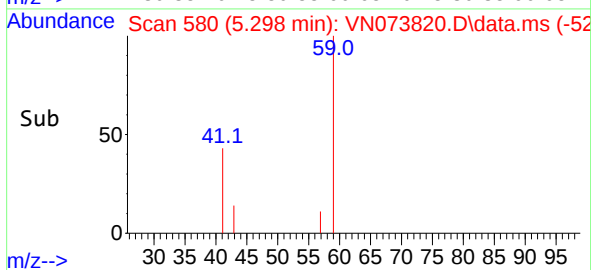
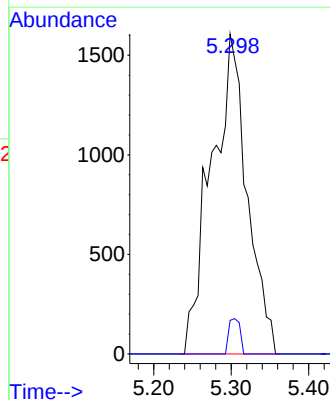
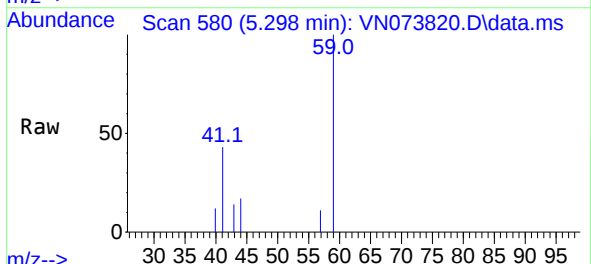
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

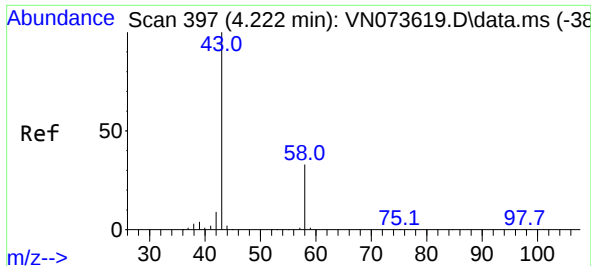
Tgt Ion: 64 Resp: 80
Ion Ratio Lower Upper
64 100
66 0.0 26.2 39.4#



#11
Tert butyl alcohol
Concen: 4.649 ug/l
RT: 5.298 min Scan# 580
Delta R.T. 0.006 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 59 Resp: 5142
Ion Ratio Lower Upper
59 100
57 3.5 8.3 12.5#

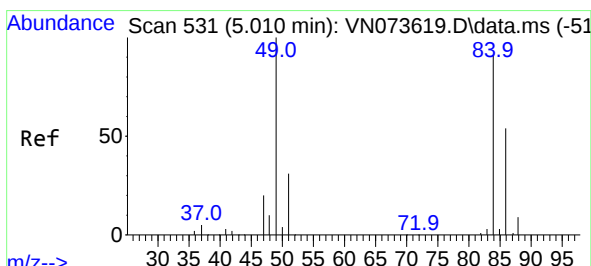
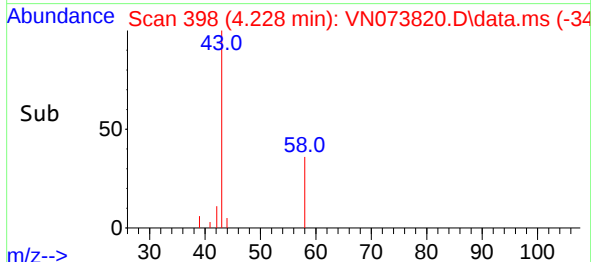
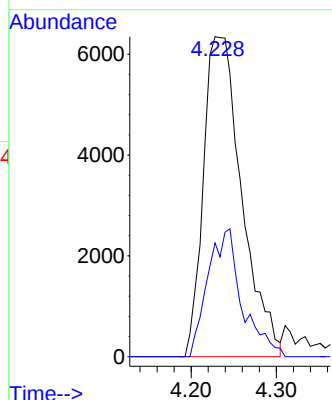
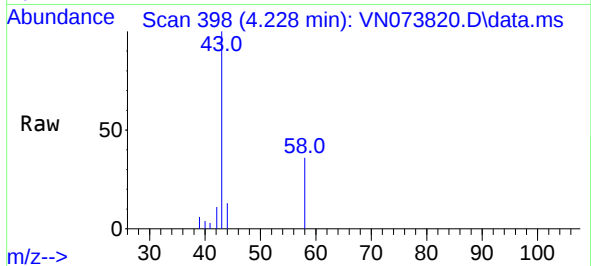




#16
Acetone
Concen: 7.205 ug/l
RT: 4.228 min Scan# 397
Delta R.T. 0.006 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

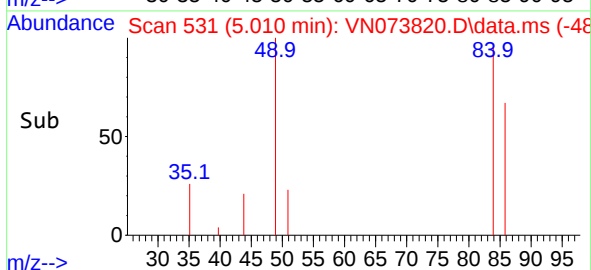
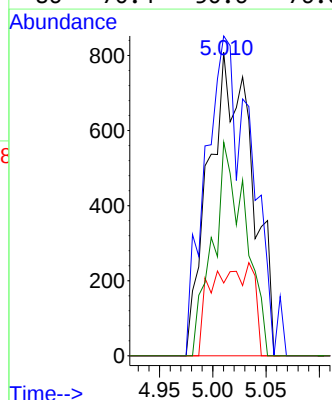
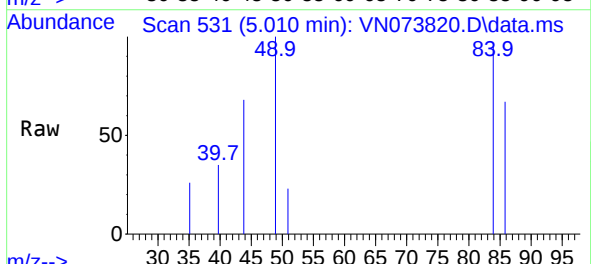
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

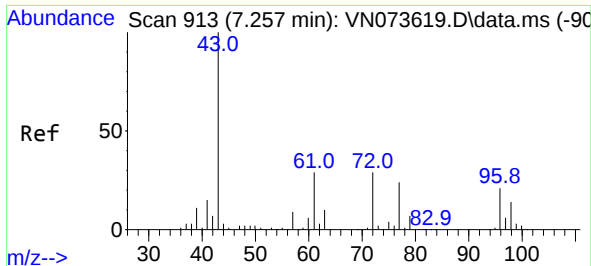
Tgt Ion: 43 Resp: 19847
Ion Ratio Lower Upper
43 100
58 35.6 26.0 39.0



#20
Methylene Chloride
Concen: Below Cal
RT: 5.010 min Scan# 531
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 84 Resp: 2283
Ion Ratio Lower Upper
84 100
49 105.4 88.3 132.5
51 24.0 28.2 42.2#
86 70.4 50.6 76.0

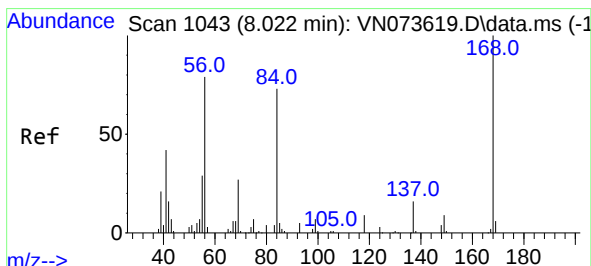
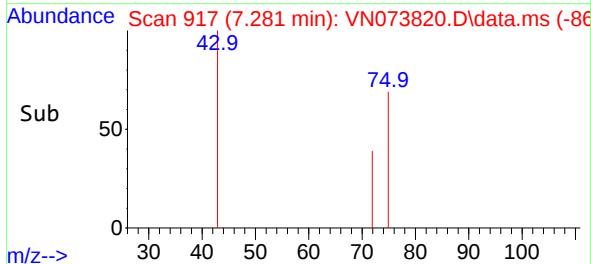
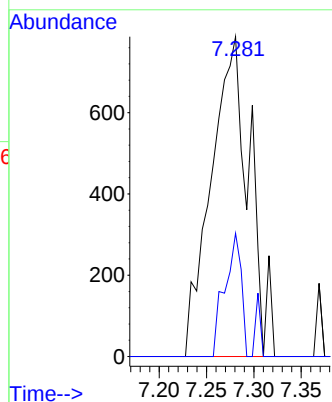
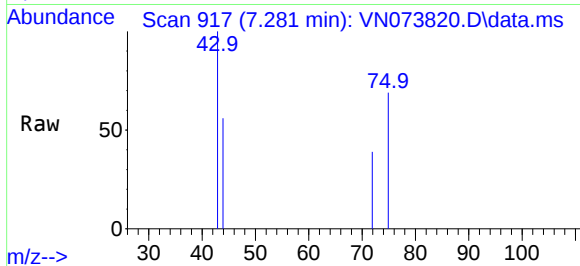




#25
2-Butanone
Concen: 0.518 ug/l
RT: 7.281 min Scan# 917
Delta R.T. 0.024 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

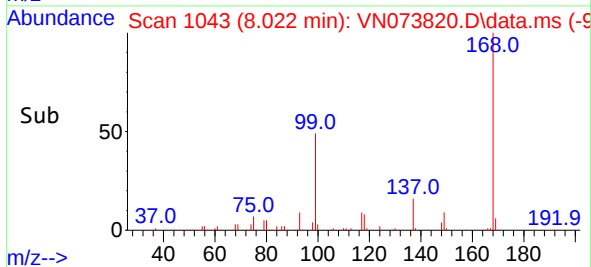
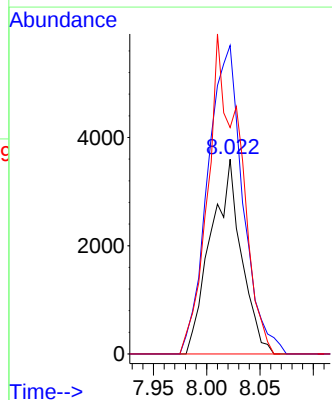
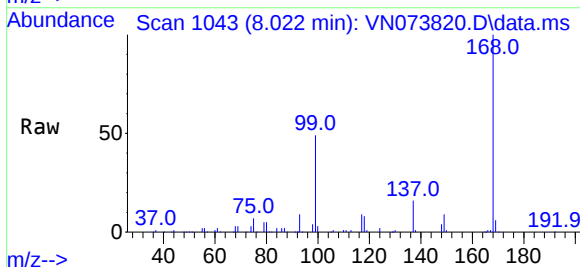
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

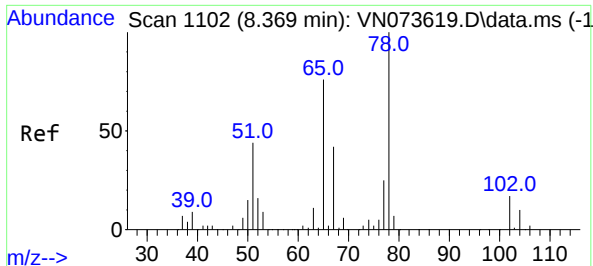
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
72 38.5 23.7 35.5#



#31
Cyclohexane
Concen: 0.945 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 56 Resp: 7216
Ion Ratio Lower Upper
56 100
69 158.4 27.8 41.8#
84 116.3 76.9 115.3#

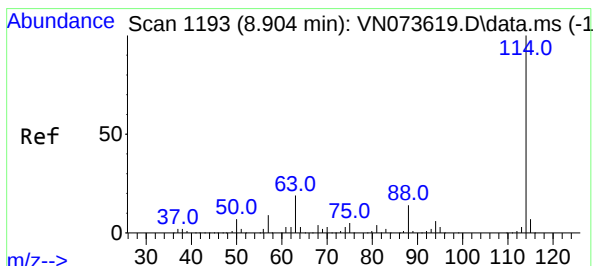
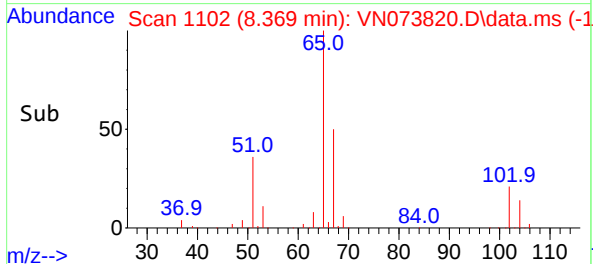
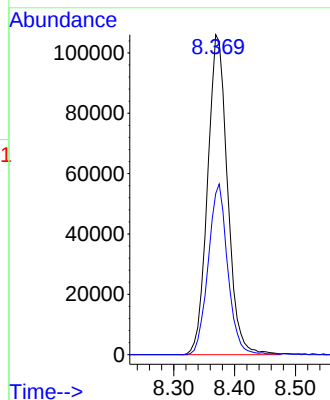
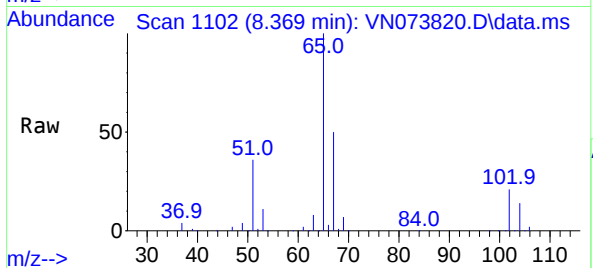




#33
1,2-Dichloroethane-d4
Concen: 47.043 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

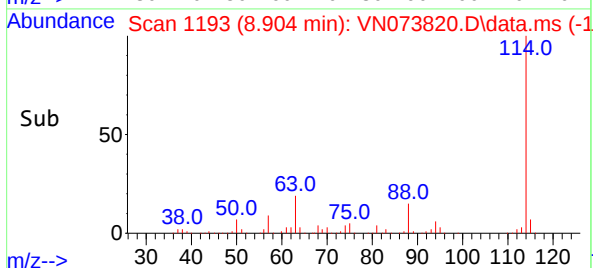
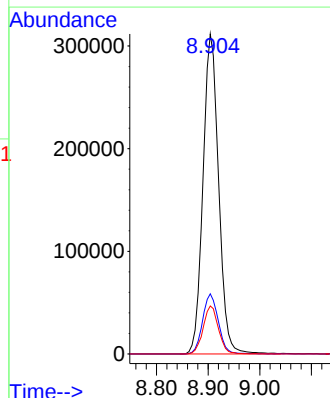
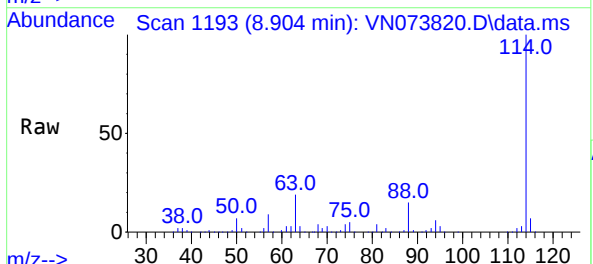
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WV-TOTECOMP-2

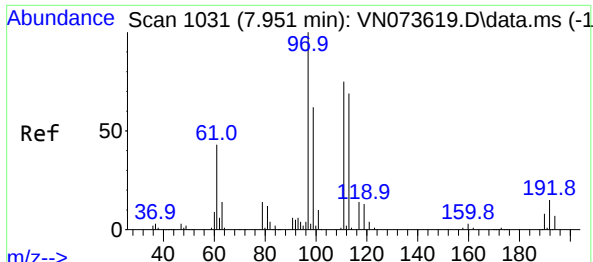
Tgt Ion: 65 Resp: 241250
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 114 Resp: 655028
Ion Ratio Lower Upper
114 100
63 18.8 0.0 40.0
88 15.0 0.0 32.6

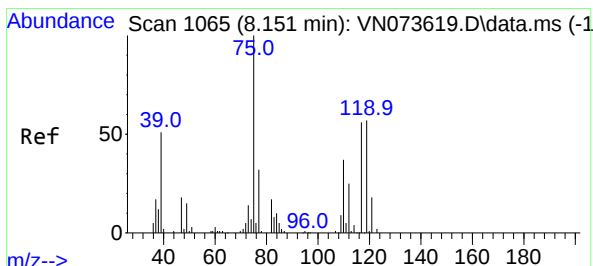
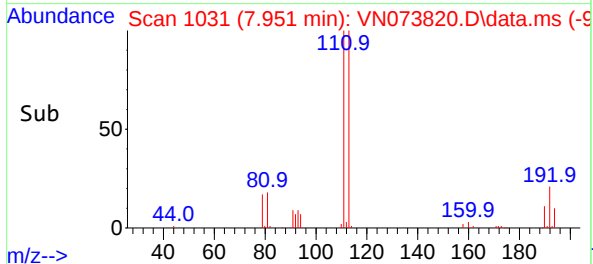
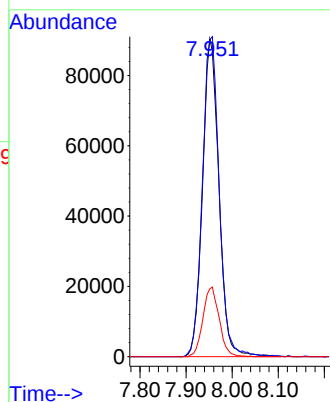
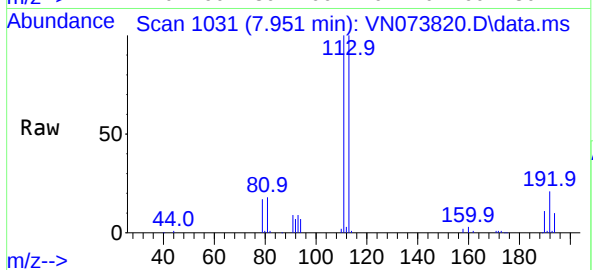




#35
Dibromofluoromethane
Concen: 54.659 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

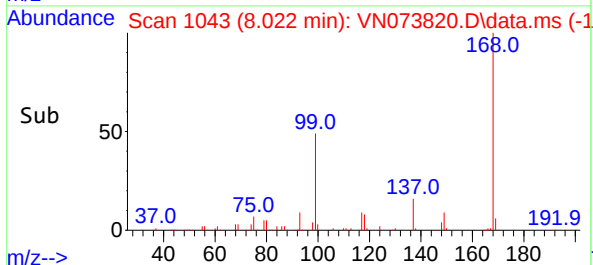
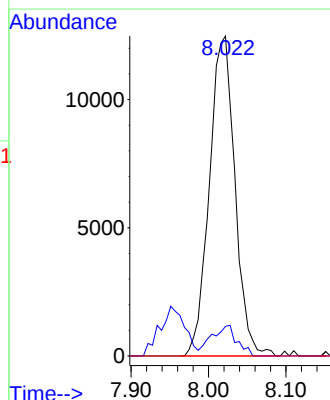
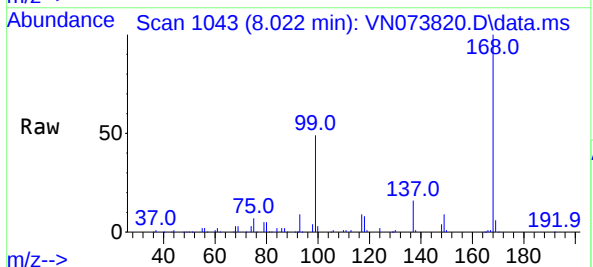
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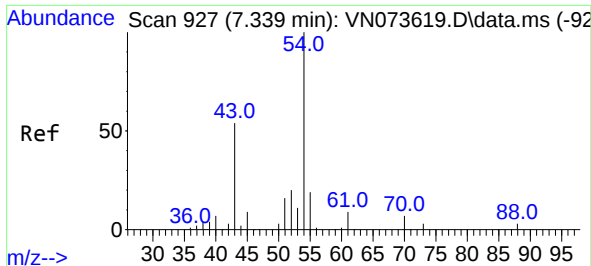
Tgt Ion:113 Resp: 224821
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 21.6 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.887 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. -0.129 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 75 Resp: 28651
Ion Ratio Lower Upper
75 100
110 9.4 18.3 54.8#
77 0.0 25.1 37.7#

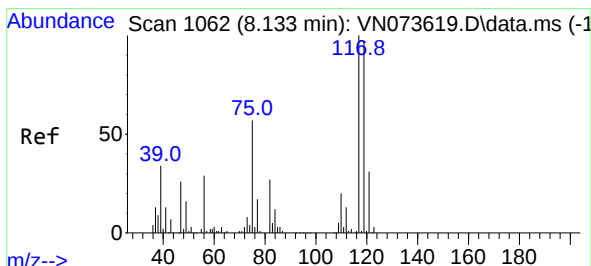
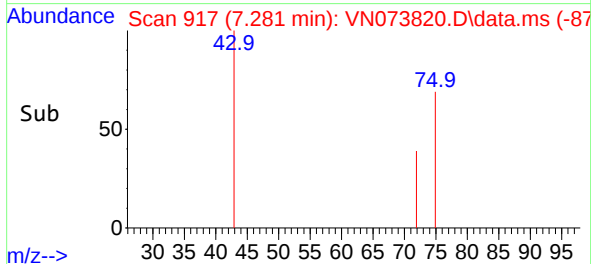
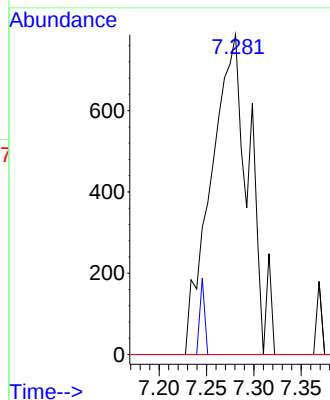
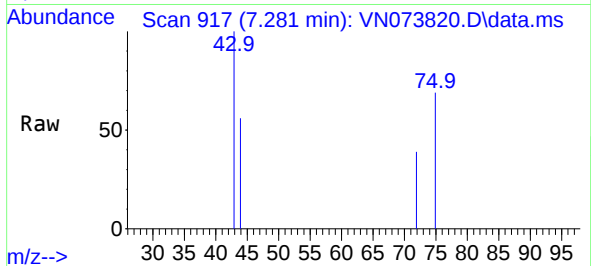




#37
Ethyl Acetate
Concen: 0.287 ug/l
RT: 7.281 min Scan# 917
Delta R.T. -0.059 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

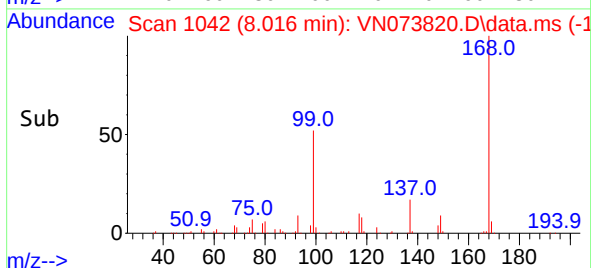
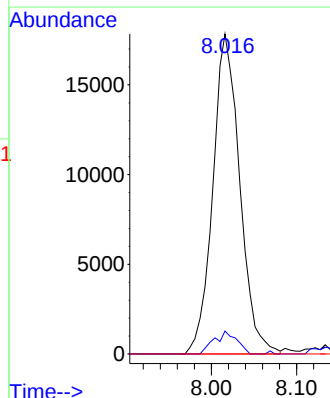
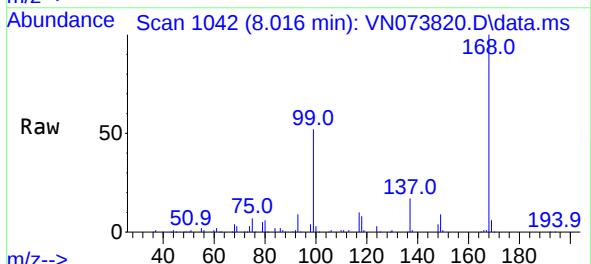
Instrument :
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WV-TOTECOMP-2

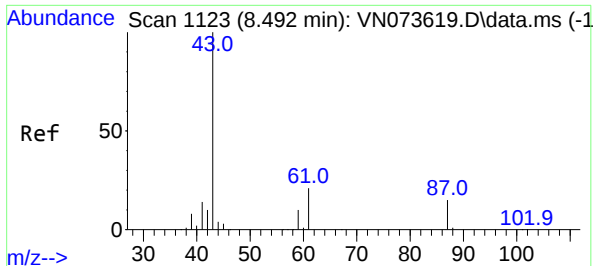
Tgt Ion: 43 Resp: 2215
Ion Ratio Lower Upper
43 100
61 0.0 11.8 17.6#
70 0.0 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 6.575 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.118 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 117 Resp: 39146
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.8#
121 0.0 24.6 37.0#

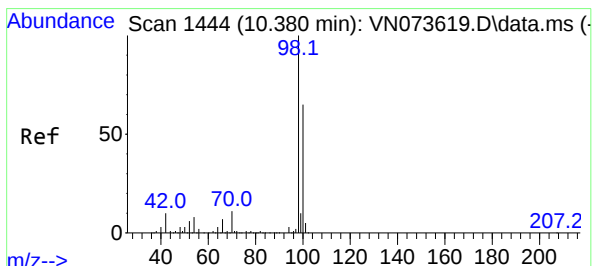
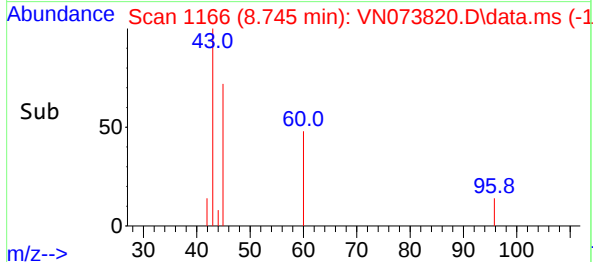
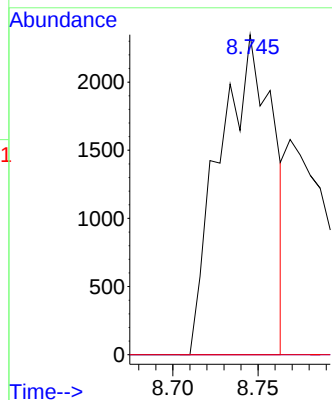
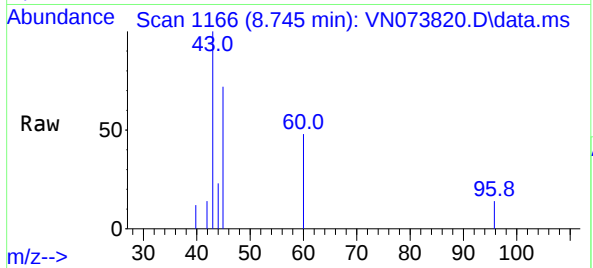




#43
Isopropyl Acetate
Concen: 0.493 ug/l
RT: 8.745 min Scan# 1123
Delta R.T. 0.253 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

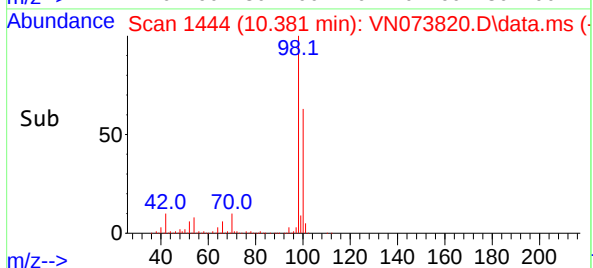
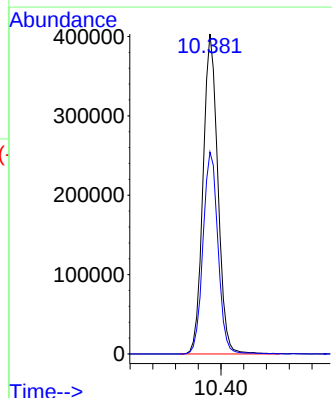
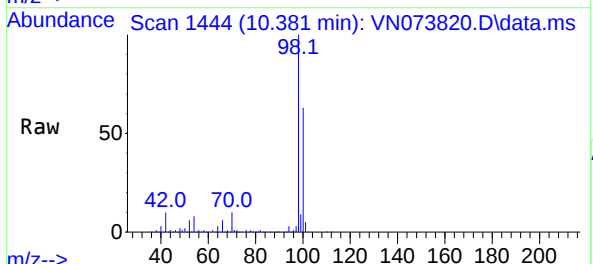
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

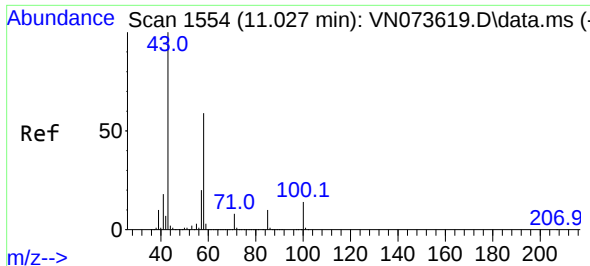
Tgt Ion: 43 Resp: 5138
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#



#50
Toluene-d8
Concen: 45.026 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 98 Resp: 728785
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8

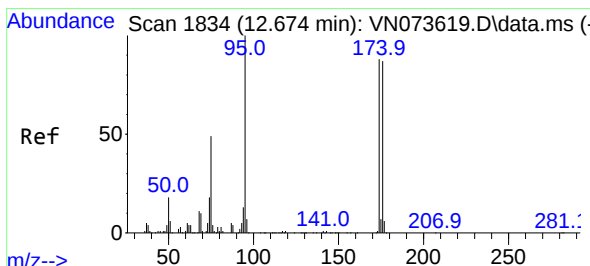
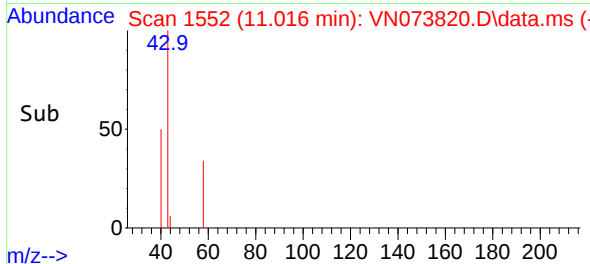
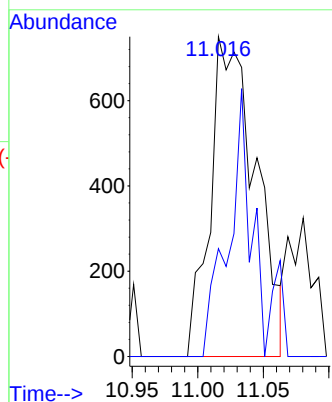
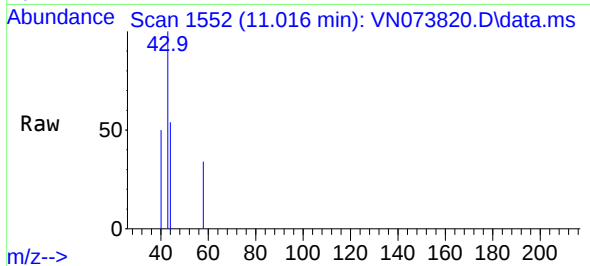




#59
2-Hexanone
Concen: 0.318 ug/l
RT: 11.016 min Scan# 1152
Delta R.T. -0.011 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

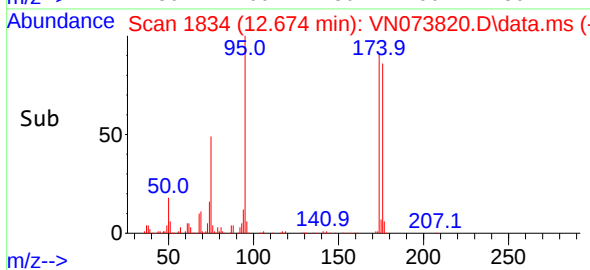
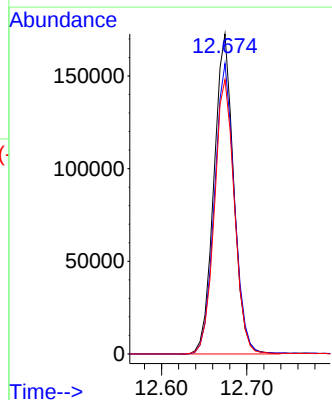
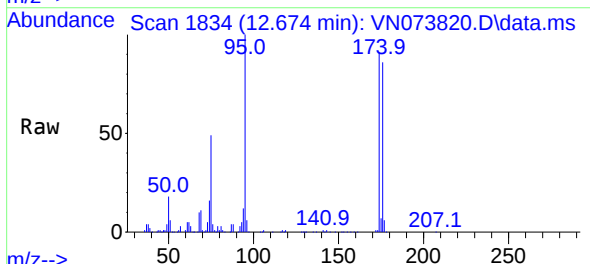
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

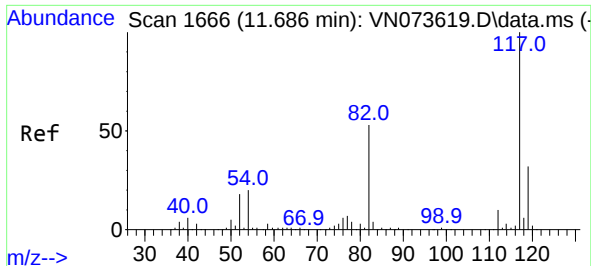
Tgt Ion: 43 Resp: 1804
Ion Ratio Lower Upper
43 100
58 48.8 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 48.868 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 95 Resp: 277293
Ion Ratio Lower Upper
95 100
174 91.8 0.0 167.6
176 86.9 0.0 163.4

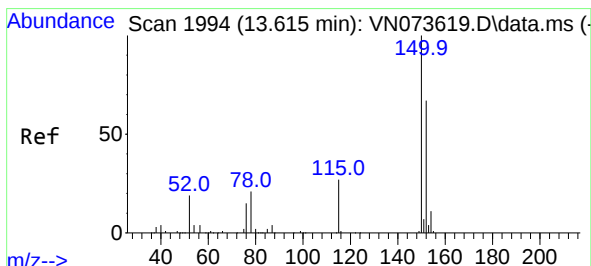
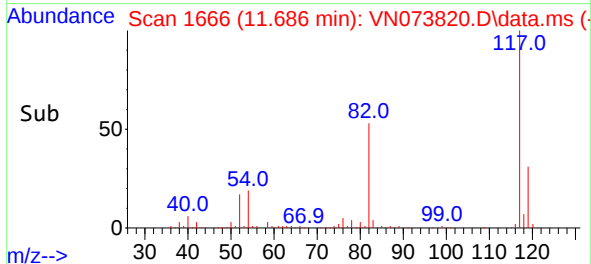
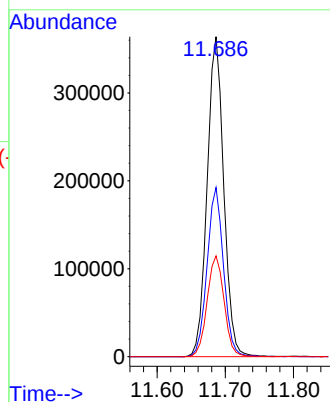
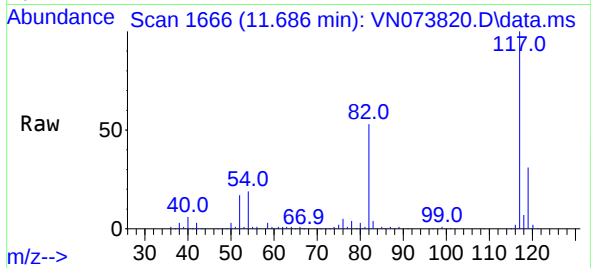




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

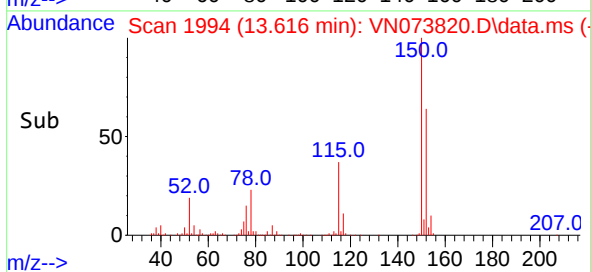
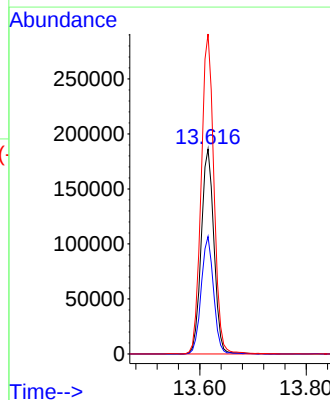
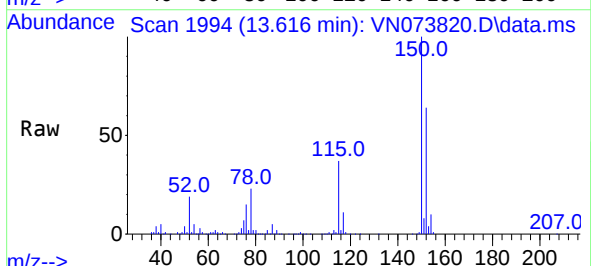
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

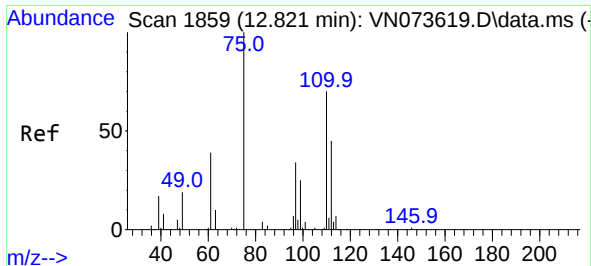
Tgt Ion:117 Resp: 616863
Ion Ratio Lower Upper
117 100
82 52.8 44.2 66.2
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion:152 Resp: 308774
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 156.2 0.0 356.2

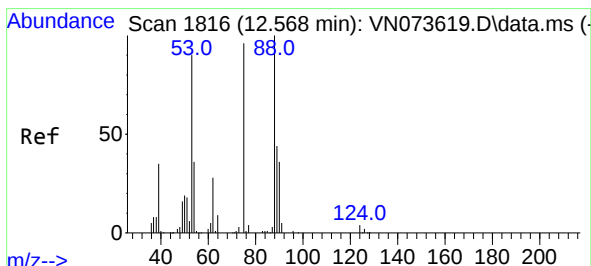
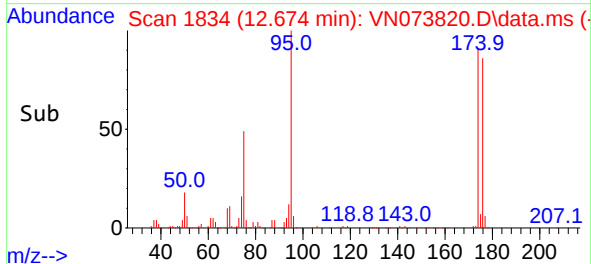
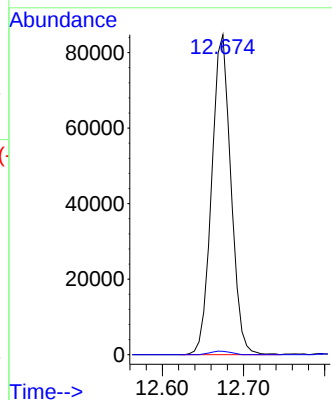
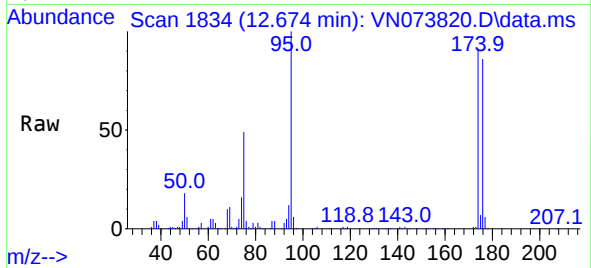




#76
1,2,3-Trichloropropane
Concen: 22.919 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

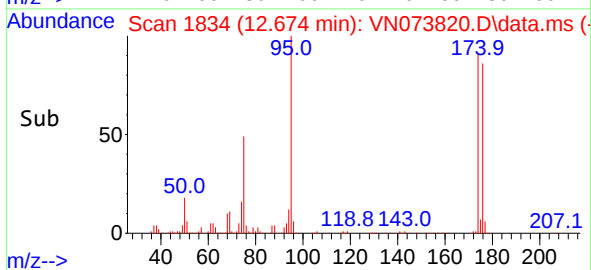
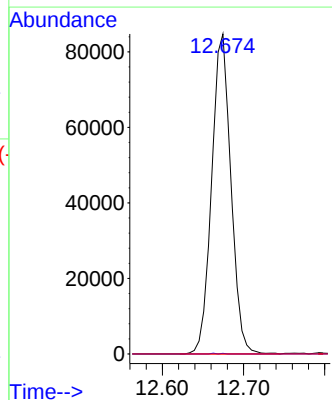
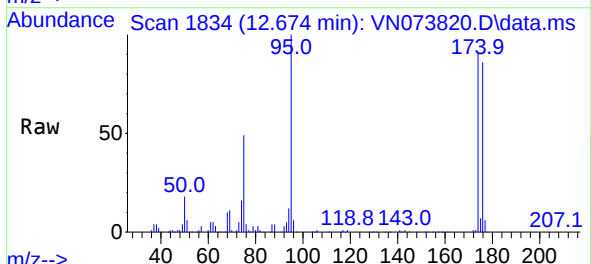
Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

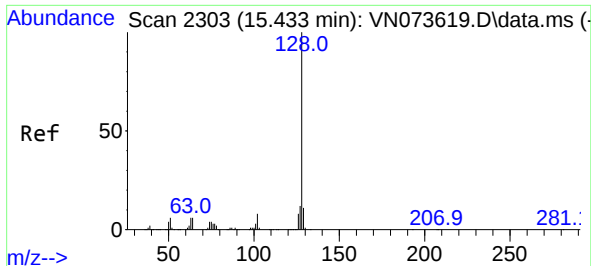
Tgt Ion: 75 Resp: 139518
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.556 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.106 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion: 75 Resp: 139518
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

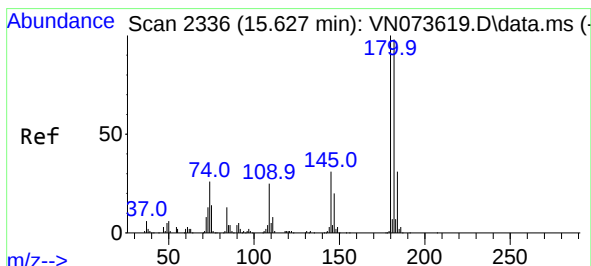
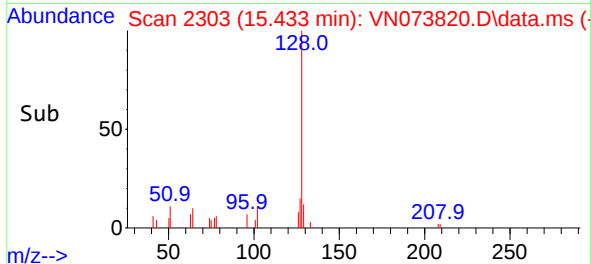
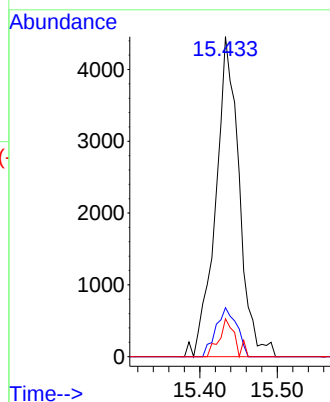
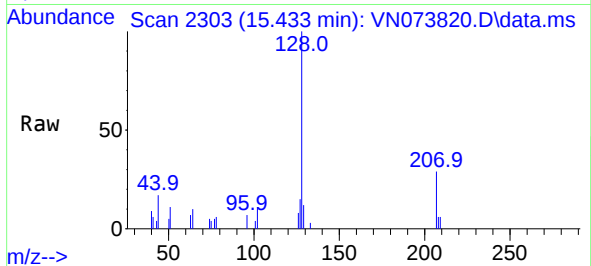




#95
Naphthalene
Concen: 0.536 ug/l
RT: 15.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Instrument :
MSVOA_N
ClientSampleId :
WV-TOTECOMP-2

Tgt Ion:	128	Resp:	9410
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.3	15.5
129	7.9	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.231 ug/l
RT: 15.627 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VN073820.D
Acq: 11 Aug 2022 13:10

Tgt Ion:	180	Resp:	1317
Ion	Ratio	Lower	Upper
180	100		
182	84.8	47.8	143.3
145	26.9	15.5	46.5

