

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031522\
 Data File : VN071304.D
 Acq On : 15 Mar 2022 20:04
 Operator : JC\MD
 Sample : N1886-05 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2822-A

Quant Time: Mar 16 08:07:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

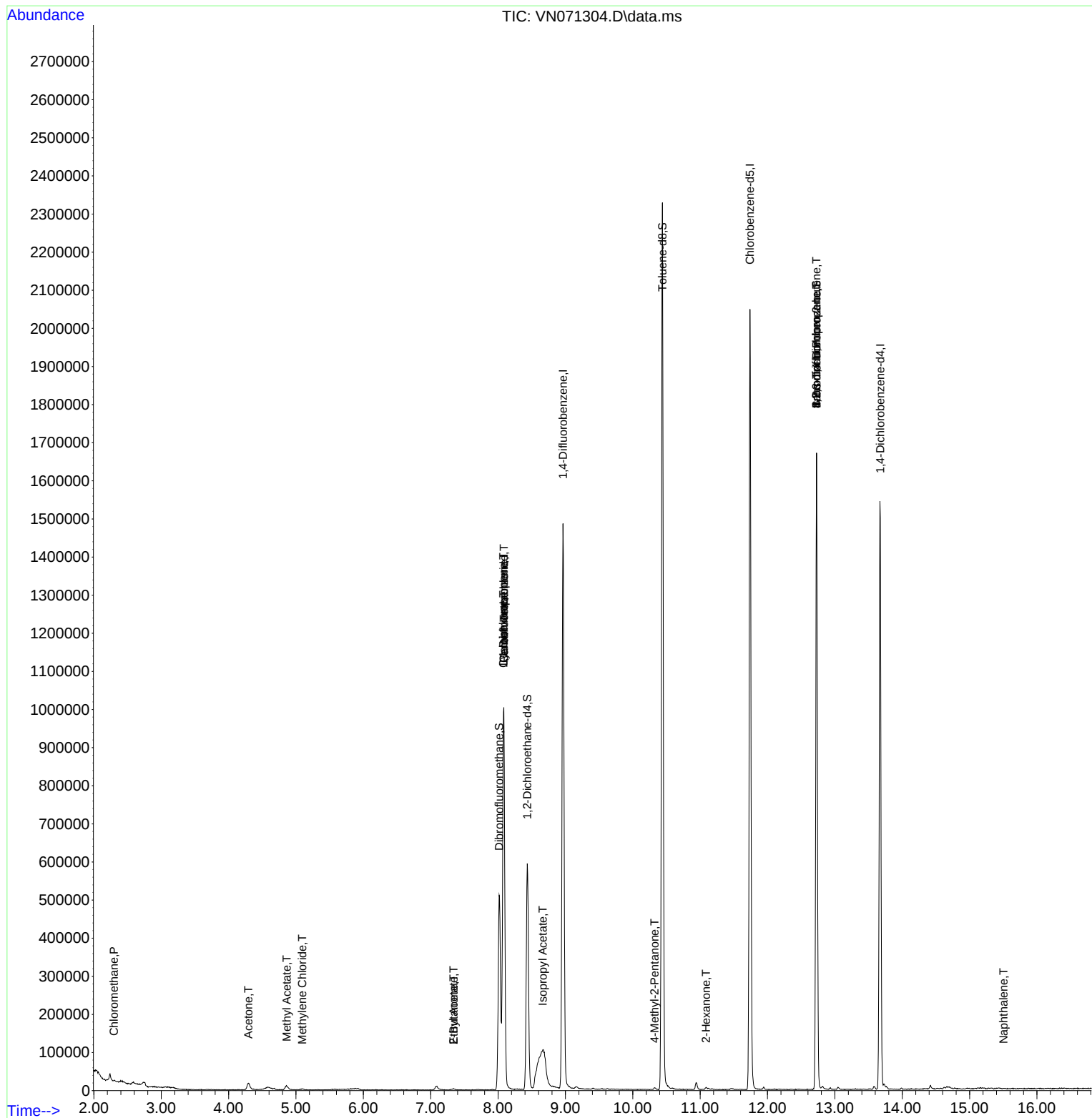
Internal Standards						
1) Pentafluorobenzene	8.087	168	779055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1303523	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1180961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	429706	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	496184	46.471	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.940%
35) Dibromofluoromethane	8.016	113	380572	46.266	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.540%
50) Toluene-d8	10.439	98	1583076	47.800	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.600%
62) 4-Bromofluorobenzene	12.727	95	564838	50.365	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.720%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2784	0.208	ug/l #	87
5) Bromomethane	2.863	94	889	Below Cal		92
16) Acetone	4.293	43	30219	5.817	ug/l	100
18) Methyl Acetate	4.863	43	24768	2.229	ug/l	93
20) Methylene Chloride	5.093	84	1956	0.586	ug/l #	76
25) 2-Butanone	7.340	43	4752	0.568	ug/l #	75
31) Cyclohexane	8.081	56	17349	1.017	ug/l #	27
36) 1,1-Dichloropropene	8.081	75	61411	4.660	ug/l #	47
37) Ethyl Acetate	7.340	43	4752	0.262	ug/l #	68
38) Carbon Tetrachloride	8.087	117	76018	5.963	ug/l #	17
43) Isopropyl Acetate	8.663	43	311686	11.491	ug/l #	55
51) 4-Methyl-2-Pentanone	10.322	43	5739	0.341	ug/l #	83
59) 2-Hexanone	11.086	43	2743	0.239	ug/l	66
71) Bromoform	12.727	173	3073	0.435	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.833	83	55	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	288647	26.382	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	288647	72.614	ug/l #	5
95) Naphthalene	15.504	128	582	5.094	ug/l #	69

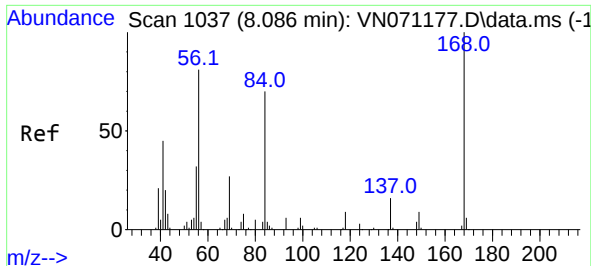
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

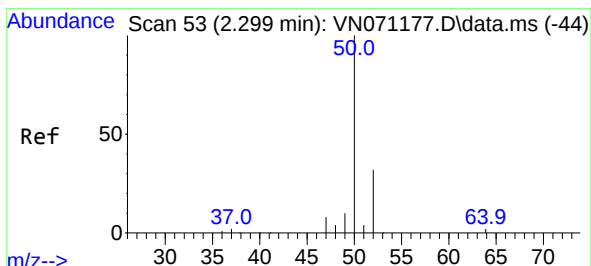
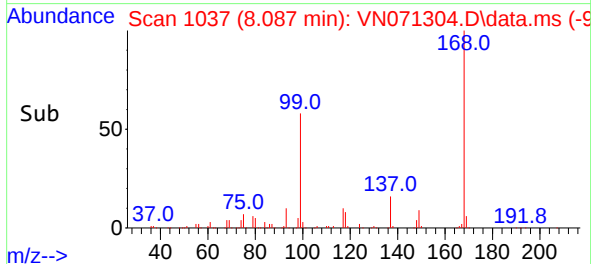
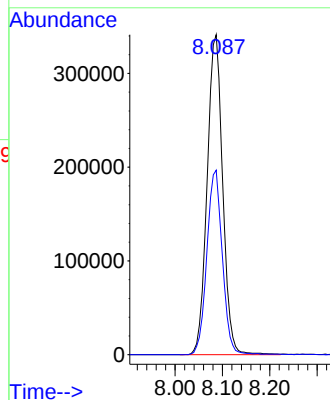
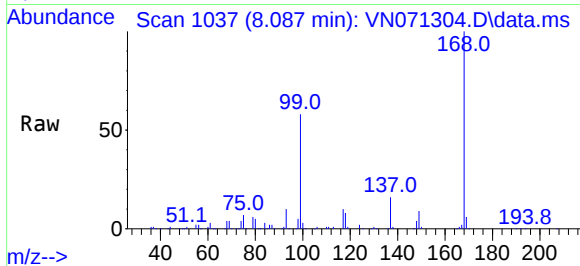




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

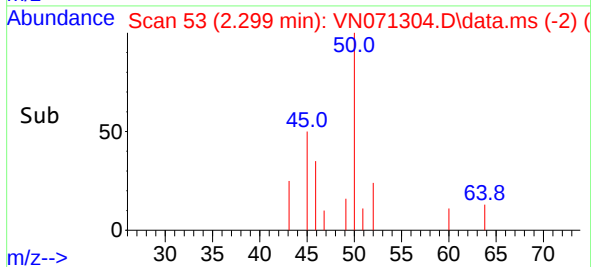
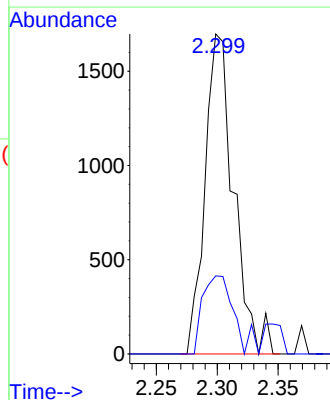
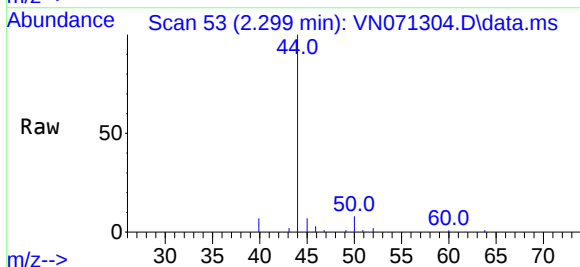
Instrument :
MSVOA_N
ClientSampleId :
2822-A

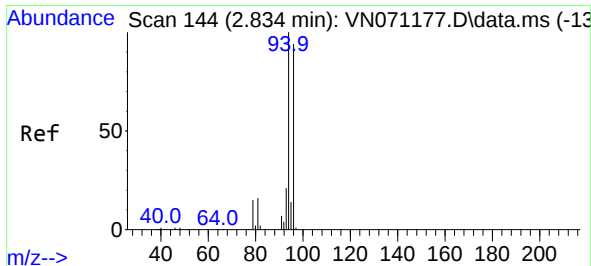
Tgt Ion:168 Resp: 779055
Ion Ratio Lower Upper
168 100
99 57.6 41.3 61.9



#3
Chloromethane
Concen: 0.208 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 50 Resp: 2784
Ion Ratio Lower Upper
50 100
52 24.4 25.4 38.0#

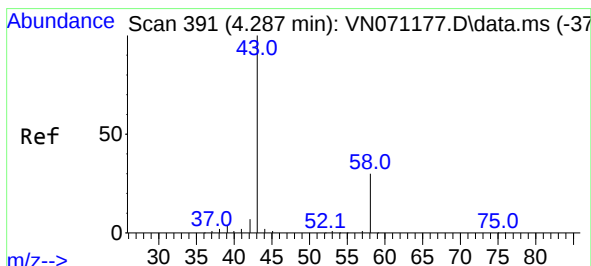
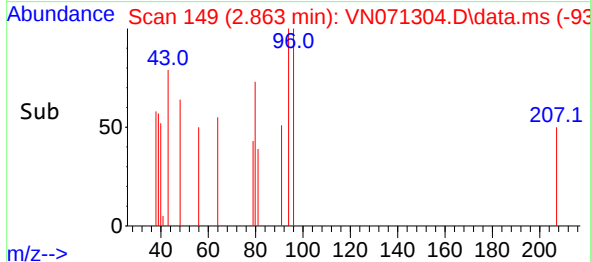
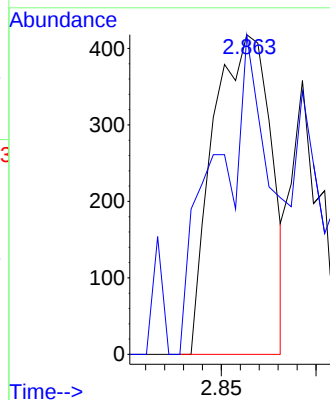
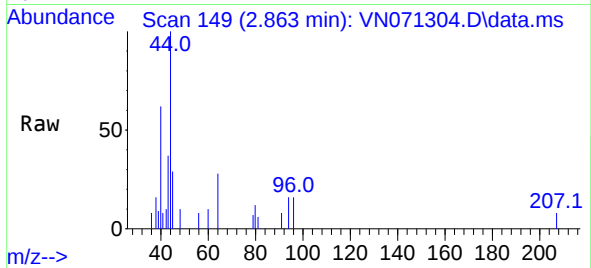




#5
Bromomethane
Concen: Below Cal
RT: 2.863 min Scan# 144
Delta R.T. 0.029 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

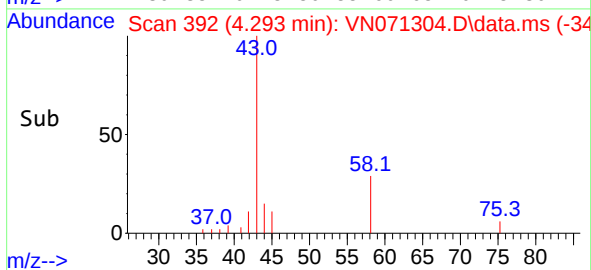
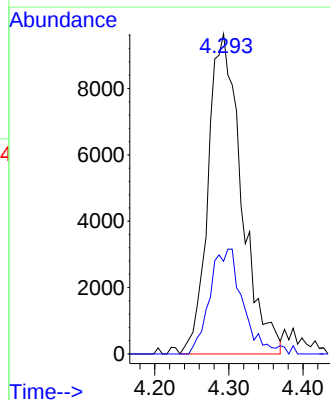
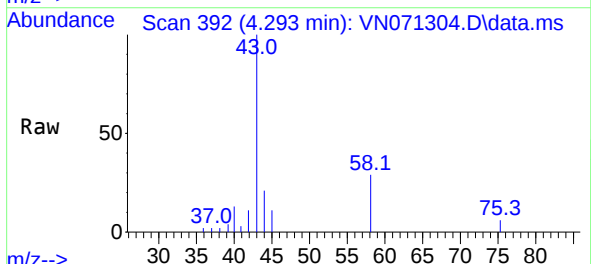
Instrument :
MSVOA_N
ClientSampleId :
2822-A

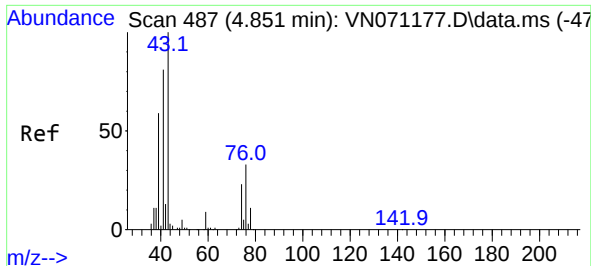
Tgt Ion: 94 Resp: 889
Ion Ratio Lower Upper
94 100
96 99.8 73.8 110.8



#16
Acetone
Concen: 5.817 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.006 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 43 Resp: 30219
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7

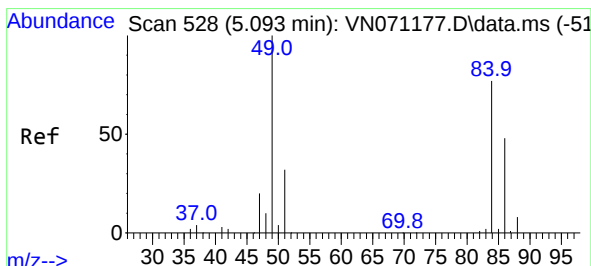
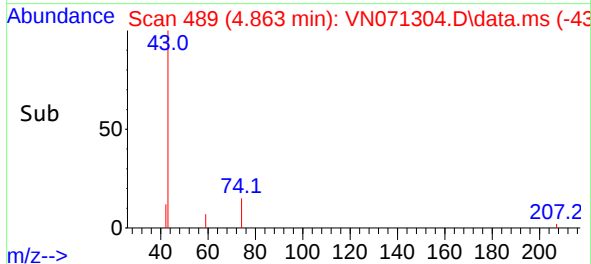
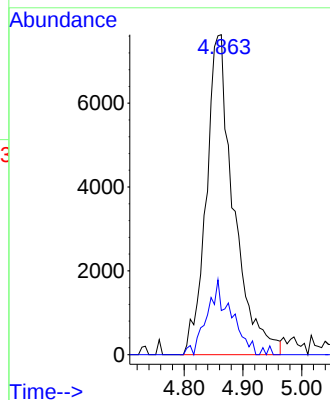
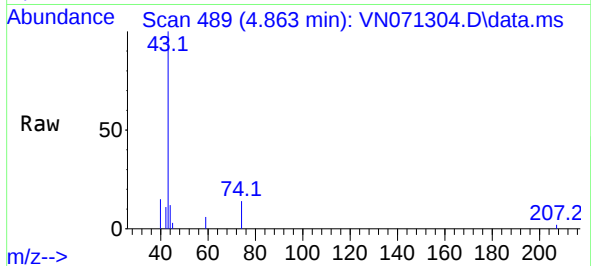




#18
Methyl Acetate
Concen: 2.229 ug/l
RT: 4.863 min Scan# 487
Delta R.T. 0.012 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

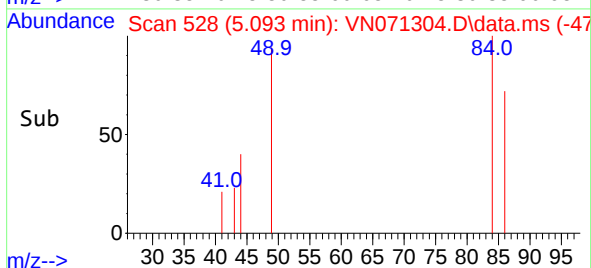
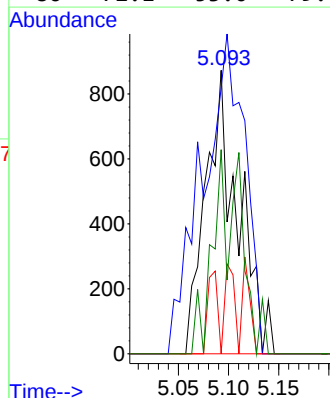
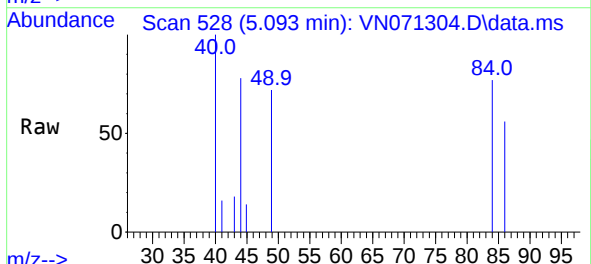
Instrument :
MSVOA_N
ClientSampleId :
2822-A

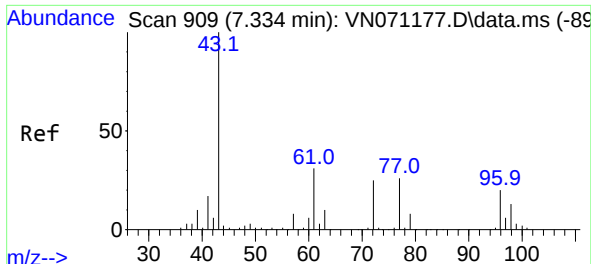
Tgt Ion: 43 Resp: 24768
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2



#20
Methylene Chloride
Concen: 0.586 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 84 Resp: 1956
Ion Ratio Lower Upper
84 100
49 93.8 93.5 140.3
51 0.0 29.4 44.2#
86 72.1 53.0 79.4

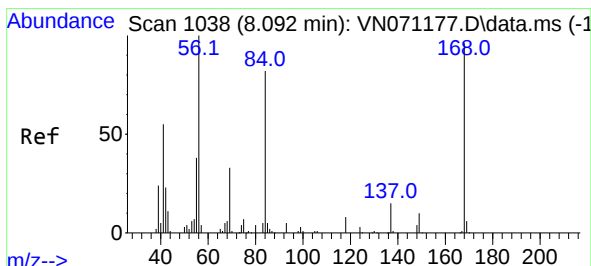
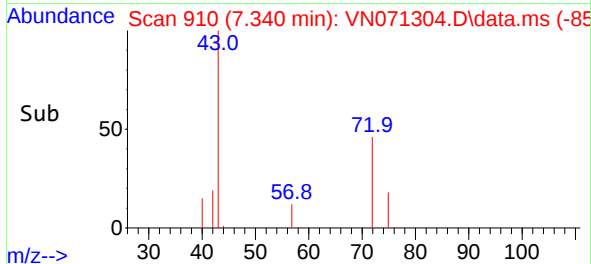
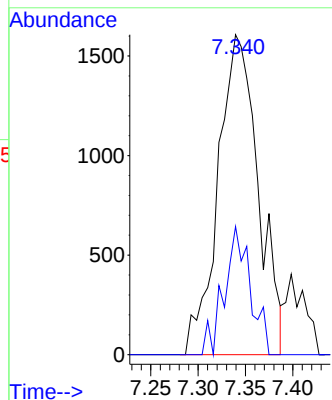
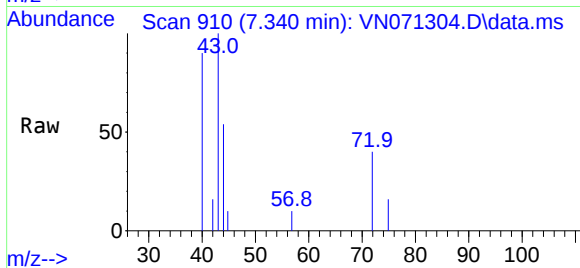




#25
2-Butanone
Concen: 0.568 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

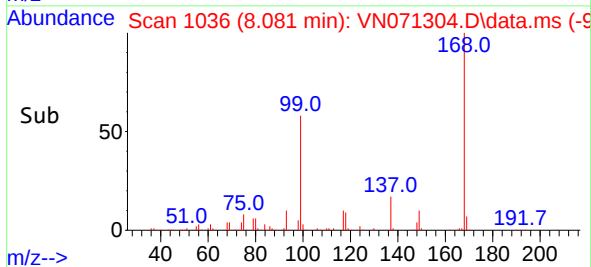
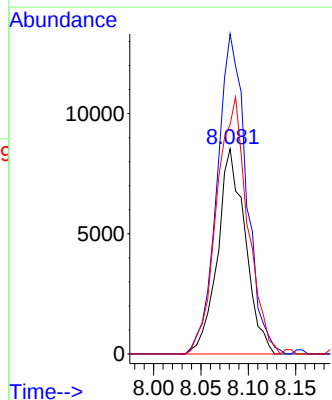
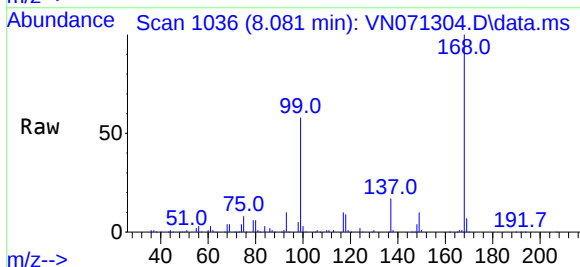
Instrument :
MSVOA_N
ClientSampleId :
2822-A

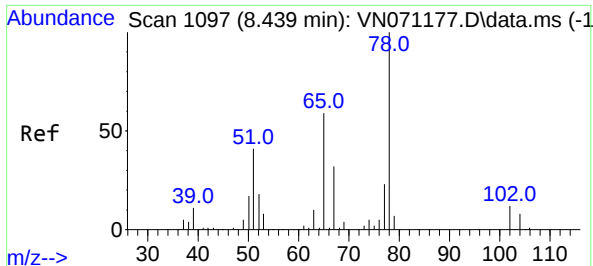
Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
72 40.1 21.7 32.5#



#31
Cyclohexane
Concen: 1.017 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 56 Resp: 17349
Ion Ratio Lower Upper
56 100
69 156.0 27.1 40.7#
84 111.8 73.4 110.0#

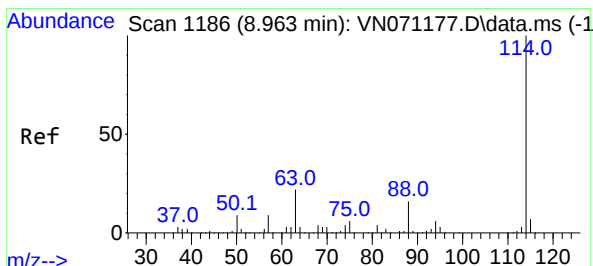
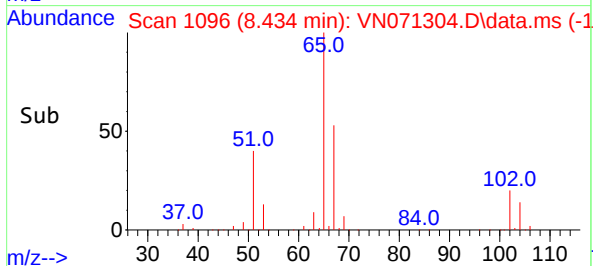
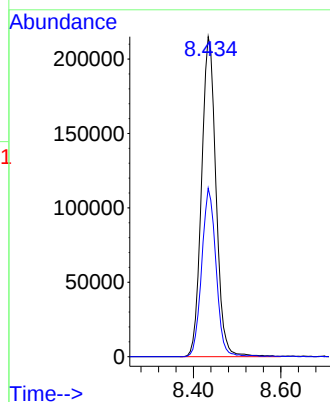
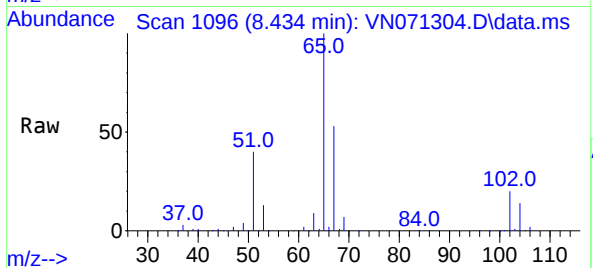




#33
1,2-Dichloroethane-d4
Concen: 46.471 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

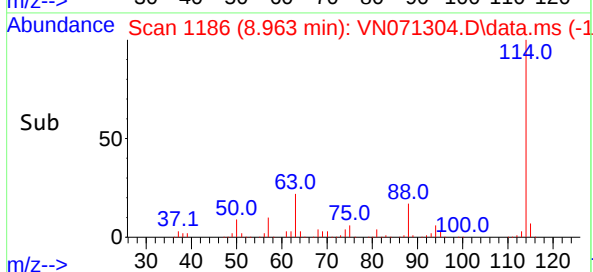
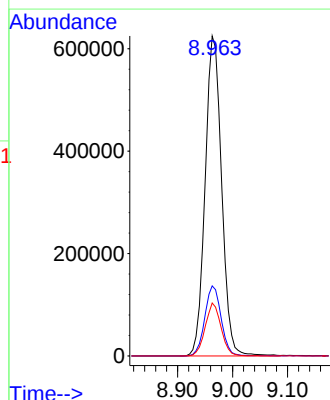
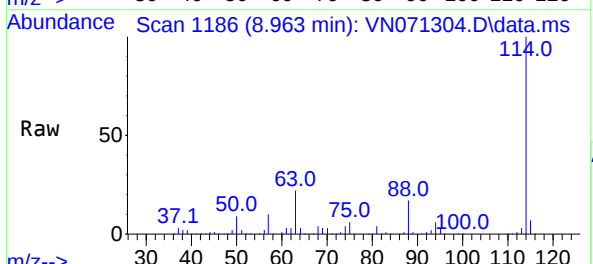
Instrument :
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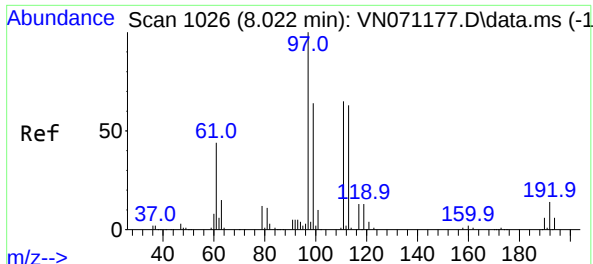
Tgt Ion: 65 Resp: 496184
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 114 Resp: 1303523
Ion Ratio Lower Upper
114 100
63 21.9 0.0 37.8
88 16.5 0.0 27.4

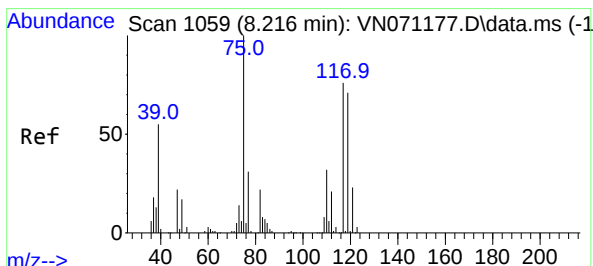
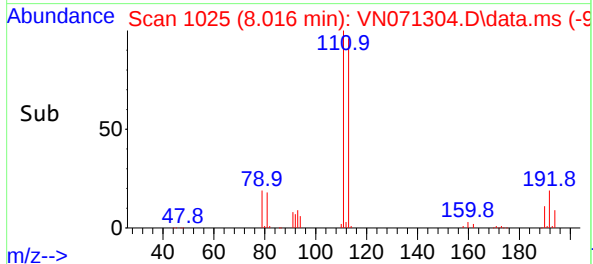
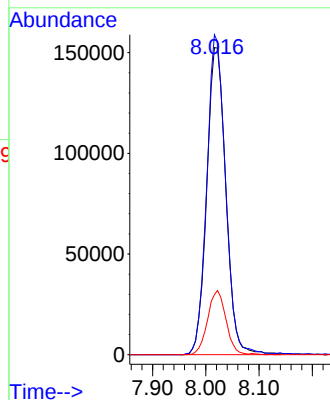
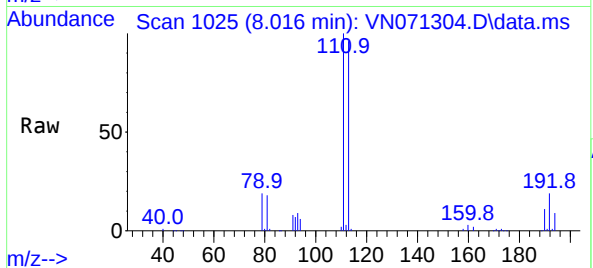




#35
Dibromofluoromethane
Concen: 46.266 ug/l
RT: 8.016 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

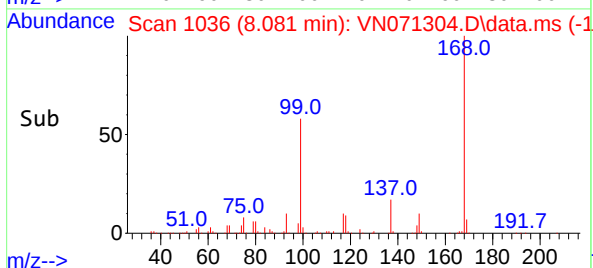
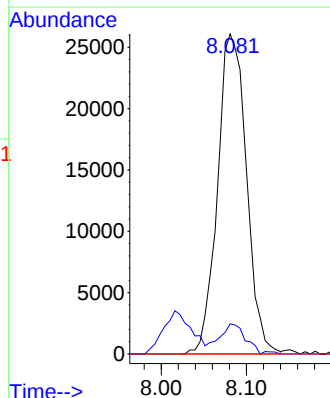
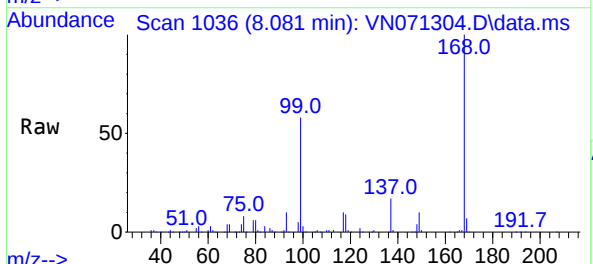
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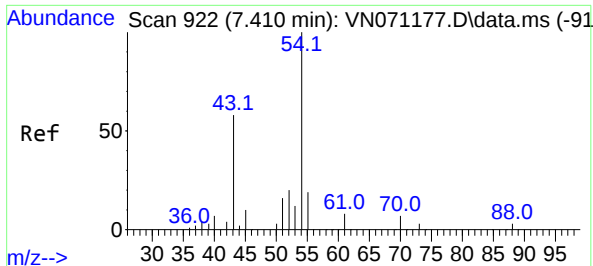
Tgt Ion:113 Resp: 380572
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.660 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 75 Resp: 61411
Ion Ratio Lower Upper
75 100
110 7.3 18.4 55.2#
77 0.0 24.4 36.6#

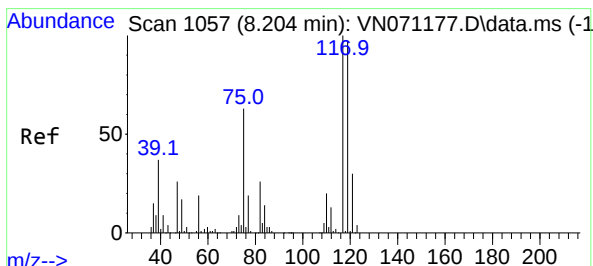
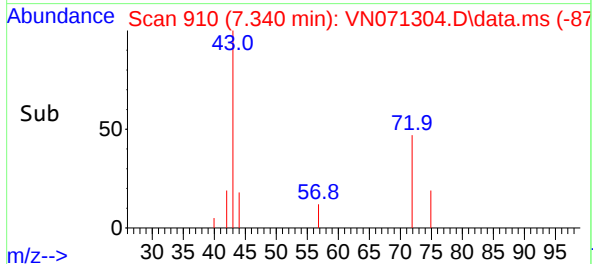
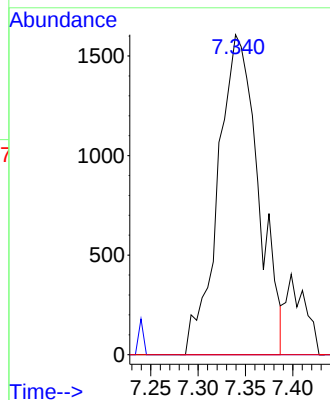
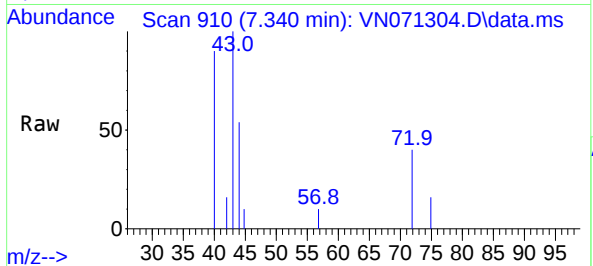




#37
Ethyl Acetate
Concen: 0.262 ug/l
RT: 7.340 min Scan# 91
Delta R.T. -0.070 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

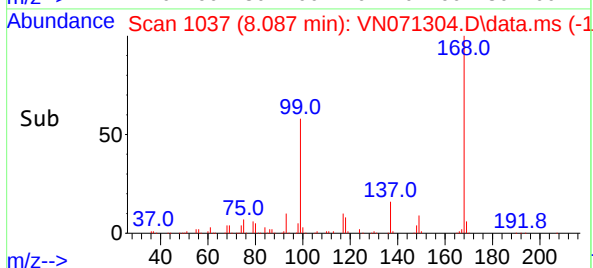
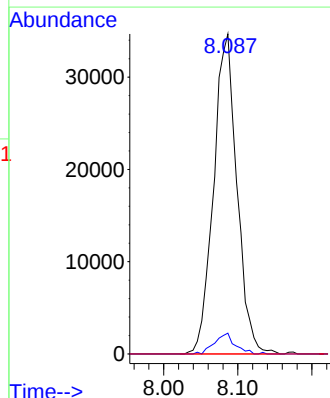
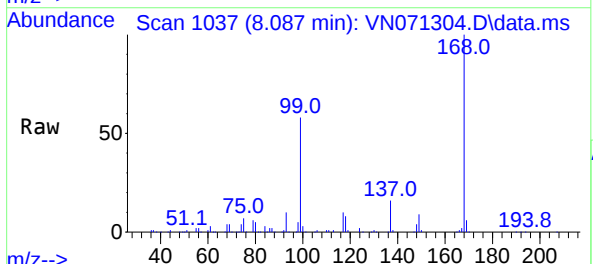
Instrument :
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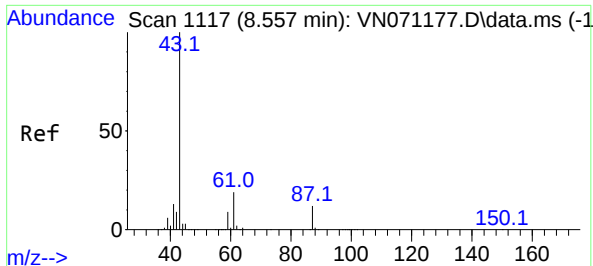
Tgt Ion: 43 Resp: 4752
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.0 7.9 11.9#



#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.117 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 117 Resp: 76018
Ion Ratio Lower Upper
117 100
119 6.5 76.1 114.1#
121 0.0 24.2 36.2#

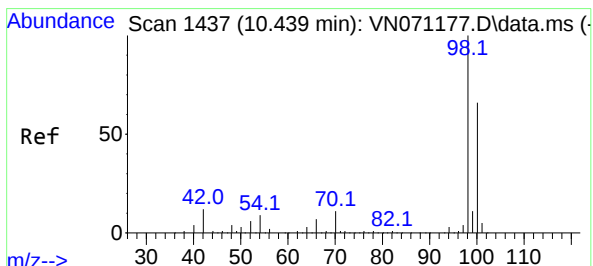
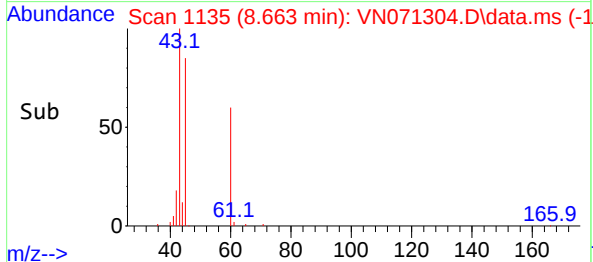
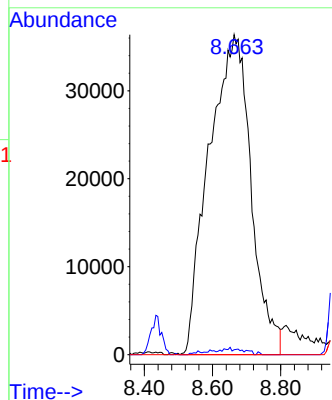
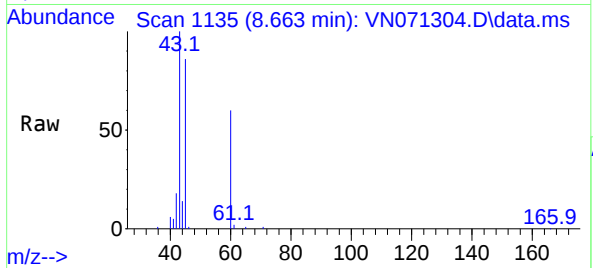




#43
Isopropyl Acetate
Concen: 11.491 ug/l
RT: 8.663 min Scan# 1117
Delta R.T. 0.106 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

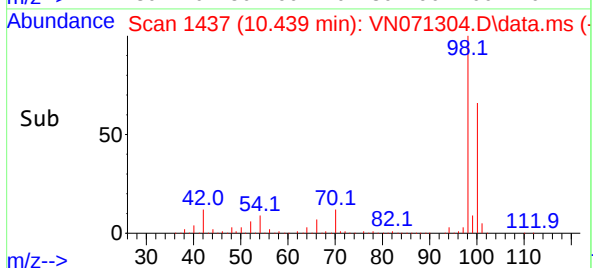
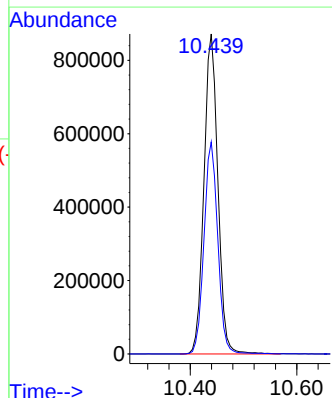
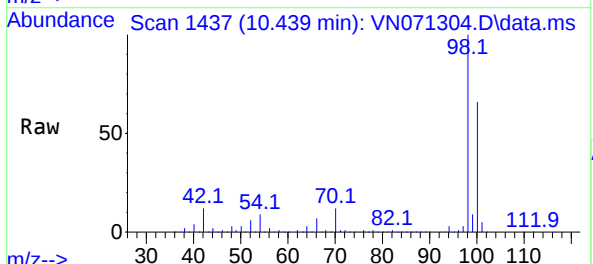
Instrument :
MSVOA_N
ClientSampleId :
2822-A

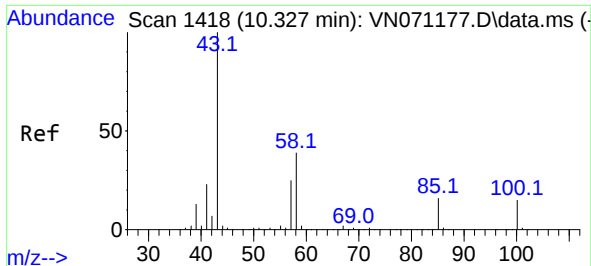
Tgt Ion: 43 Resp: 311686
Ion Ratio Lower Upper
43 100
61 0.2 20.4 30.6#
87 0.0 11.2 16.8#



#50
Toluene-d8
Concen: 47.800 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 98 Resp: 1583076
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6

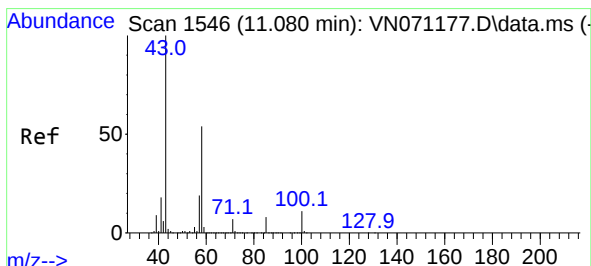
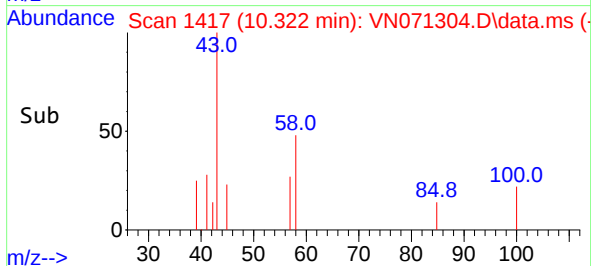
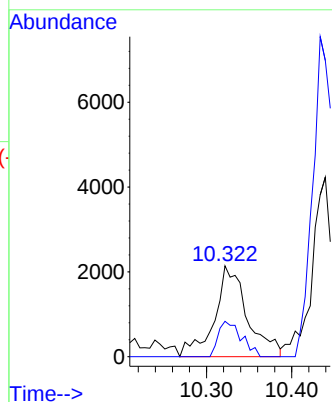
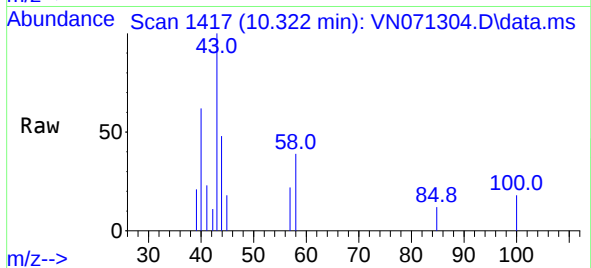




#51
4-Methyl-2-Pentanone
Concen: 0.341 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.005 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

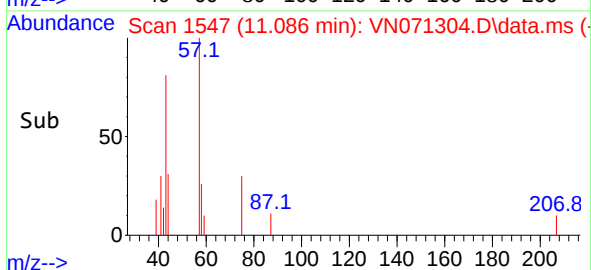
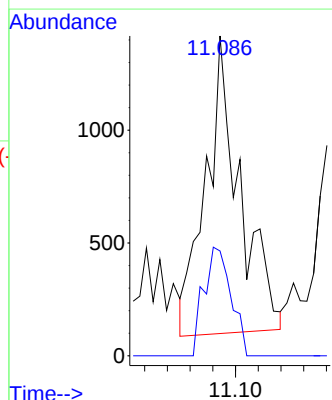
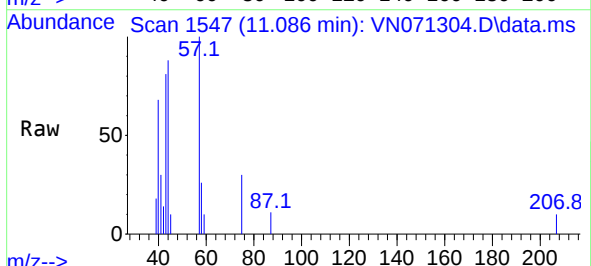
Instrument :
MSVOA_N
ClientSampleId :
2822-A

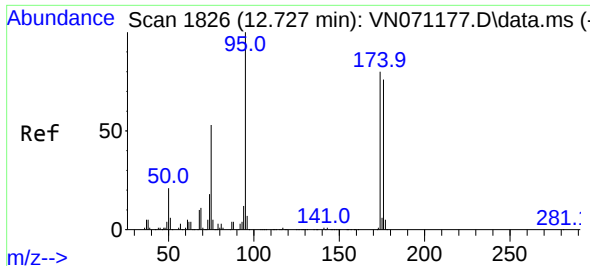
Tgt Ion: 43 Resp: 5739
Ion Ratio Lower Upper
43 100
58 27.5 30.4 45.6#



#59
2-Hexanone
Concen: 0.239 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 43 Resp: 2743
Ion Ratio Lower Upper
43 100
58 29.2 26.9 80.7

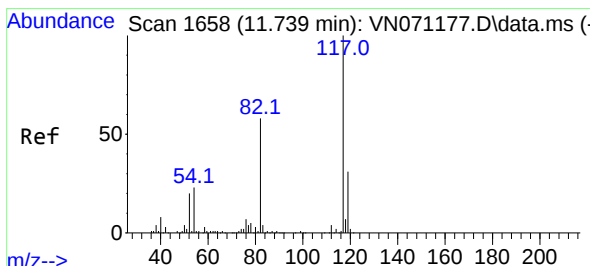
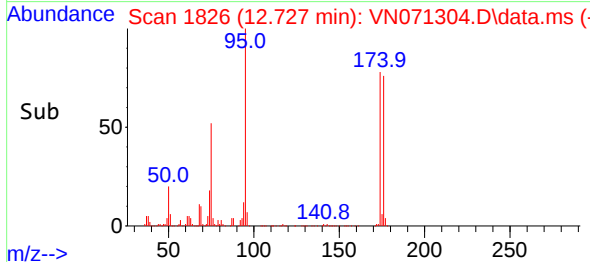
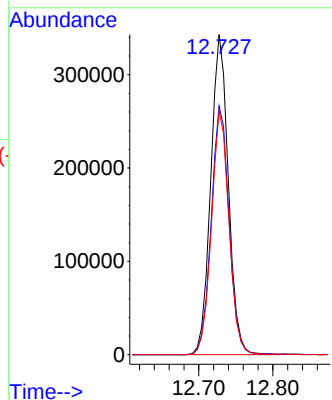
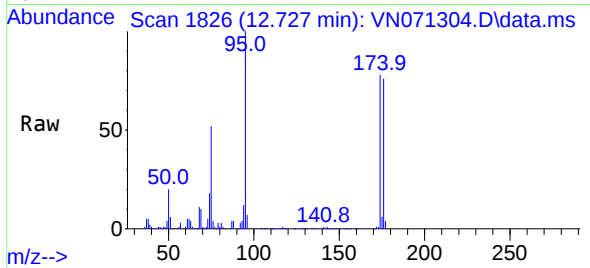




#62
4-Bromofluorobenzene
Concen: 50.365 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

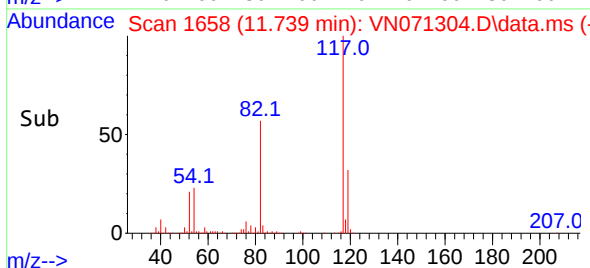
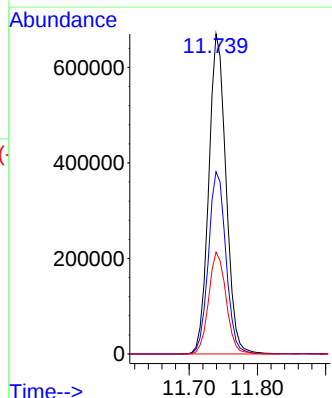
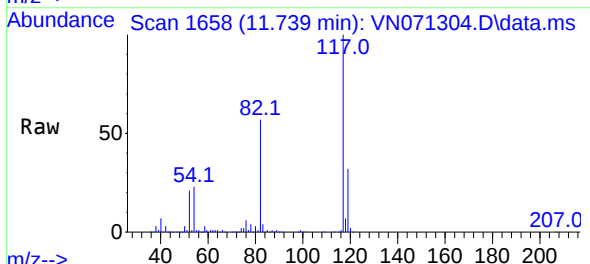
Instrument :
MSVOA_N
ClientSampleId :
2822-A

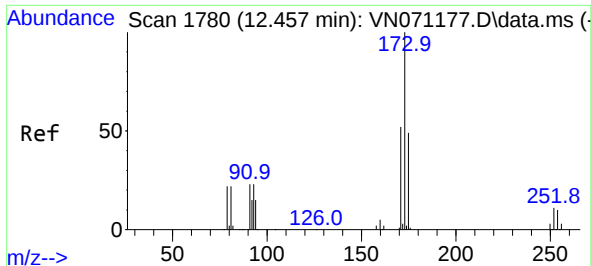
Tgt Ion: 95 Resp: 564838
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 75.8 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 117 Resp: 1180961
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.8 25.4 38.2

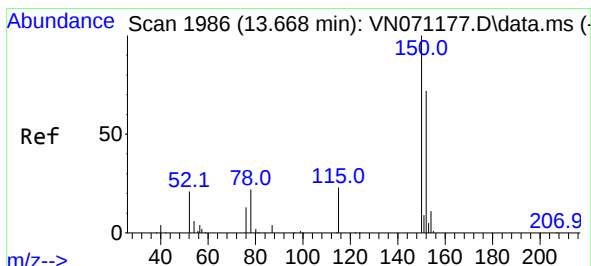
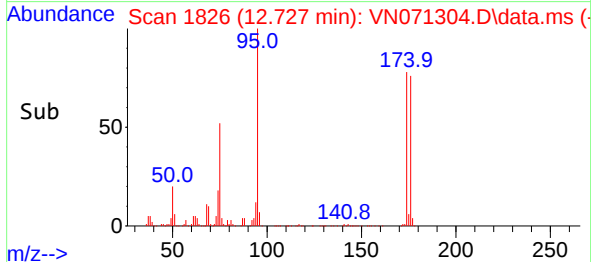
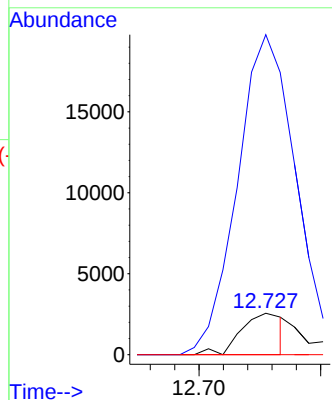
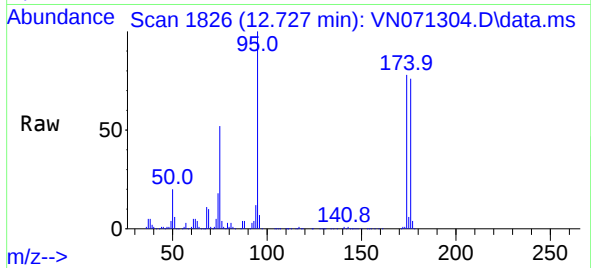




#71
Bromoform
Concen: 0.435 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.270 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

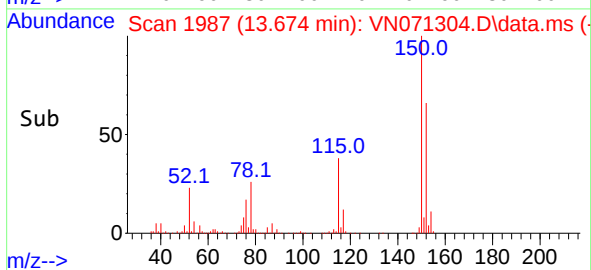
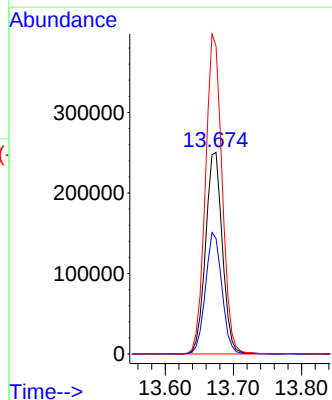
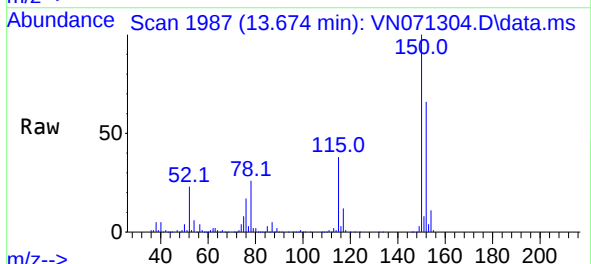
Instrument :
MSVOA_N
ClientSampleId :
2822-A

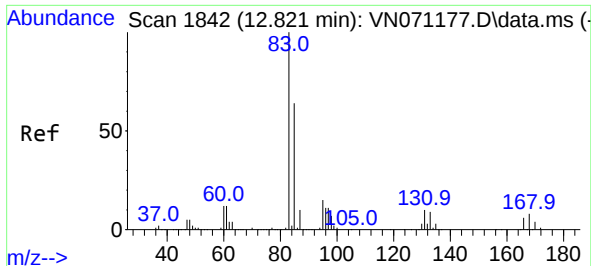
Tgt Ion:173 Resp: 3073
Ion Ratio Lower Upper
173 100
175 831.6 24.2 72.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion:152 Resp: 429706
Ion Ratio Lower Upper
152 100
115 58.8 27.5 82.5
150 157.2 0.0 344.4

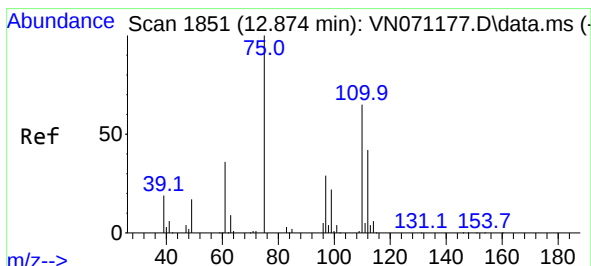
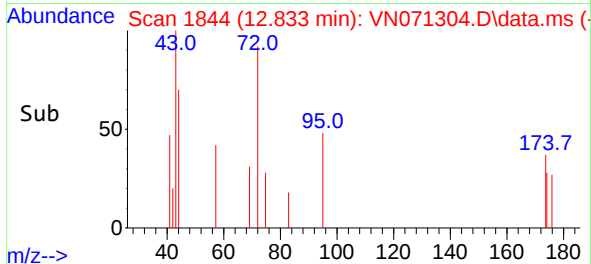
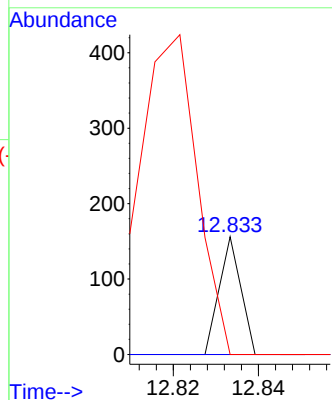
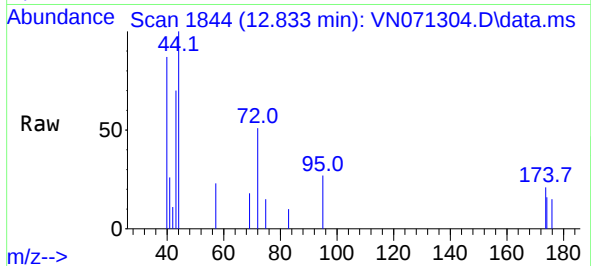




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 12.833 min Scan# 1844
Delta R.T. 0.012 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

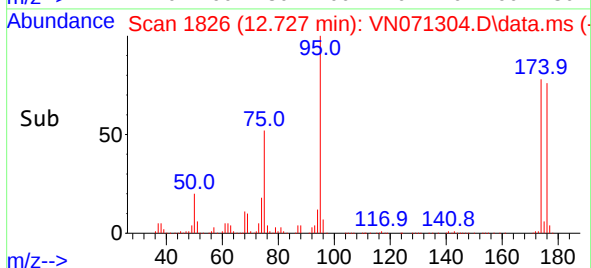
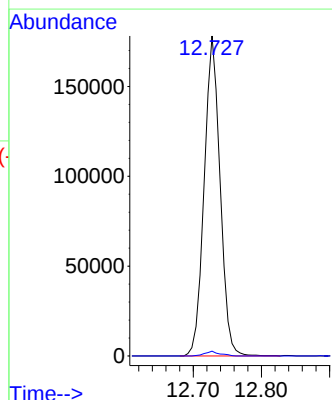
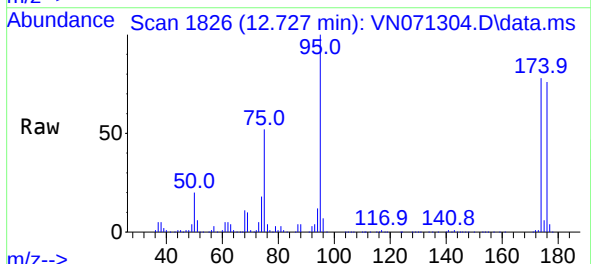
Instrument :
MSVOA_N
ClientSampleId :
2822-A

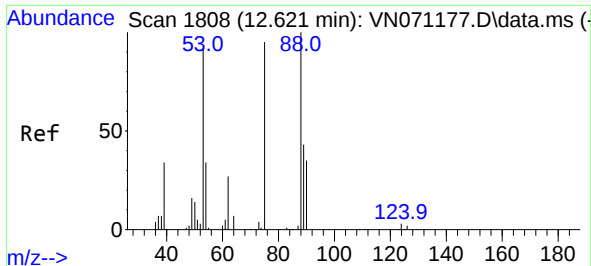
Tgt Ion: 83 Resp: 55
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 723.6 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 26.382 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion: 75 Resp: 288647
Ion Ratio Lower Upper
75 100
77 1.4 82.6 247.8#

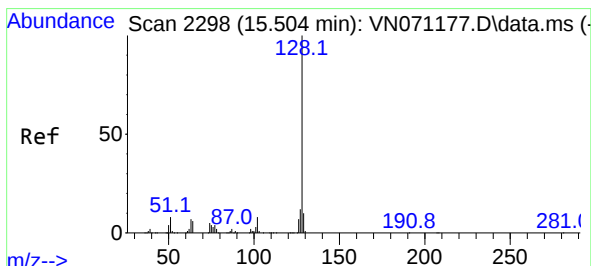
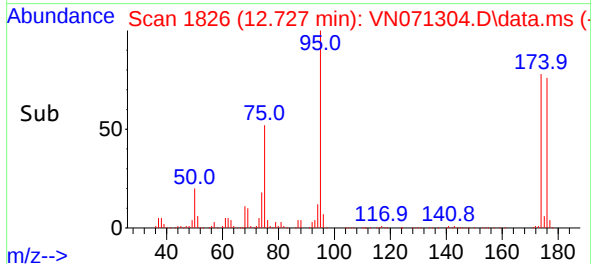
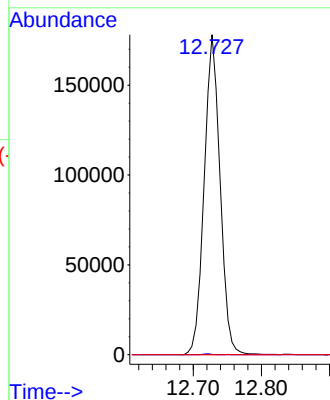
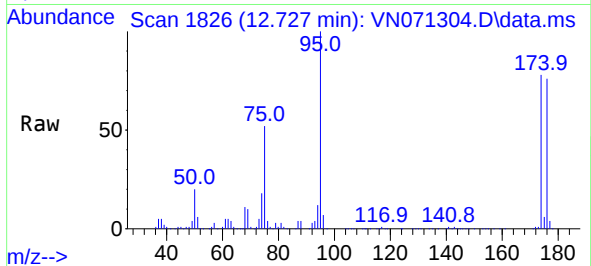




#81
trans-1,4-Dichloro-2-butene
Concen: 72.614 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.106 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Instrument :
MSVOA_N
ClientSampleId :
2822-A

Tgt Ion: 75 Resp: 288647
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 5.094 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071304.D
Acq: 15 Mar 2022 20:04

Tgt Ion:128 Resp: 582
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

