

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074586.D
 Acq On : 19 Sep 2022 15:14
 Operator : JC\MD
 Sample : N4647-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1040-TB090822

Quant Time: Sep 20 04:19:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

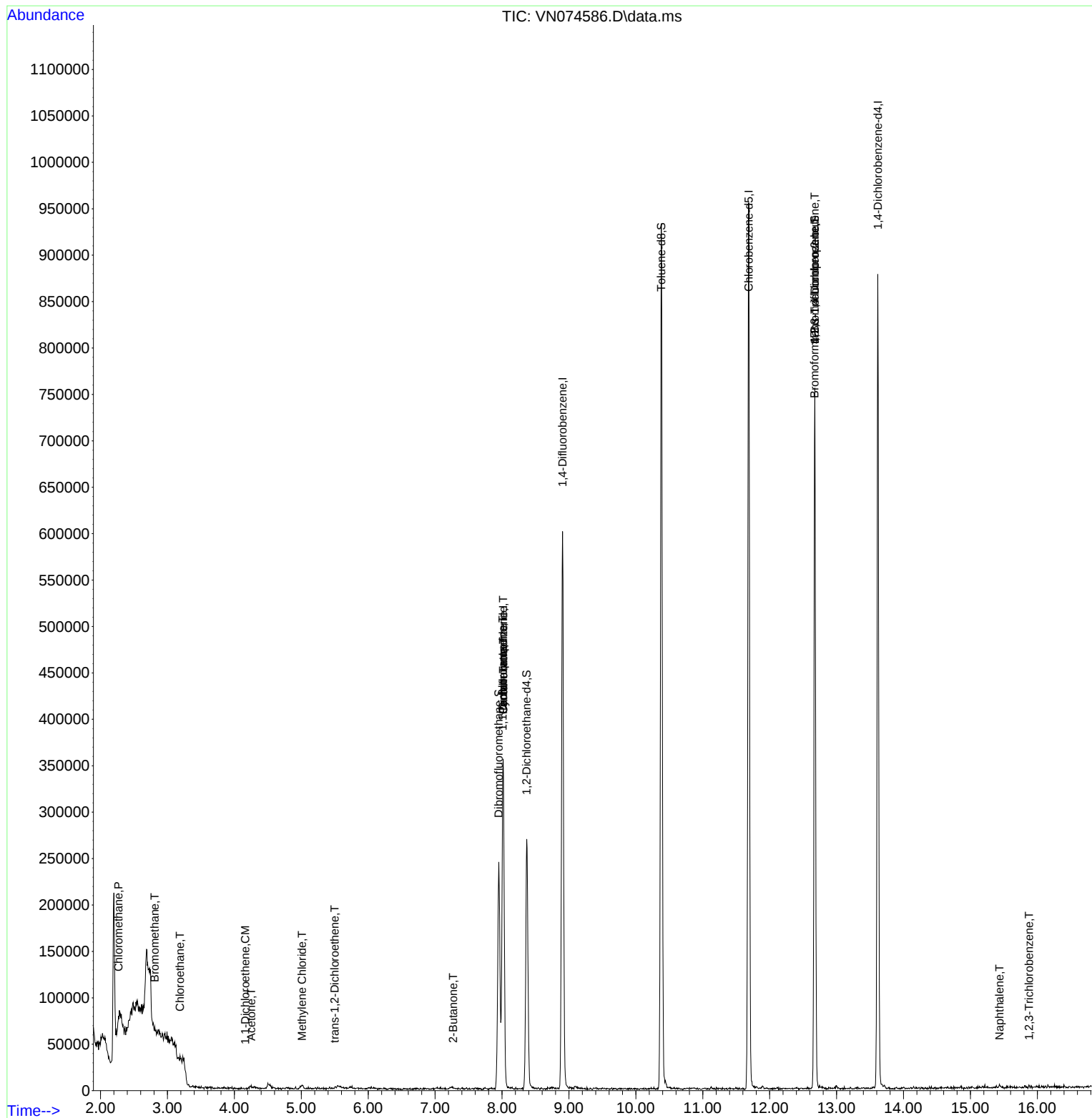
Internal Standards						
1) Pentafluorobenzene	8.016	168	252384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	489890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	490017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	199869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	200691	46.865	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	7.951	113	164477	50.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.080%		
50) Toluene-d8	10.381	98	603216	47.930	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.860%		
62) 4-Bromofluorobenzene	12.674	95	221982	51.499	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.000%		
Target Compounds						Qvalue
3) Chloromethane	2.269	50	3227	0.953	ug/l #	82
5) Bromomethane	2.810	94	1320	0.506	ug/l #	2
6) Chloroethane	3.187	64	2112	0.625	ug/l	100
12) 1,1-Dichloroethene	4.163	96	198	0.743	ug/l #	1
16) Acetone	4.252	43	4374	1.596	ug/l #	64
20) Methylene Chloride	5.010	84	1348	0.353	ug/l #	56
21) trans-1,2-Dichloroethene	5.498	96	68	0.447	ug/l #	55
25) 2-Butanone	7.269	43	1113	0.245	ug/l #	45
31) Cyclohexane	8.016	56	8565	1.127	ug/l #	51
36) 1,1-Dichloropropene	8.010	75	24945	4.331	ug/l #	49
38) Carbon Tetrachloride	8.016	117	25780	4.847	ug/l #	17
71) Bromoform	12.669	173	2009	0.612	ug/l #	28
76) 1,2,3-Trichloropropane	12.674	75	133151	21.643	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.674	75	133151	46.713	ug/l #	10
95) Naphthalene	15.433	128	896	1.640	ug/l #	28
96) 1,2,3-Trichlorobenzene	15.874	180	59	1.351	ug/l #	12

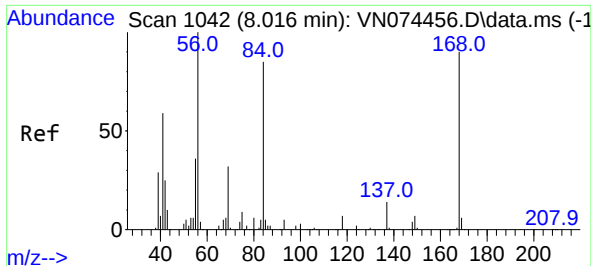
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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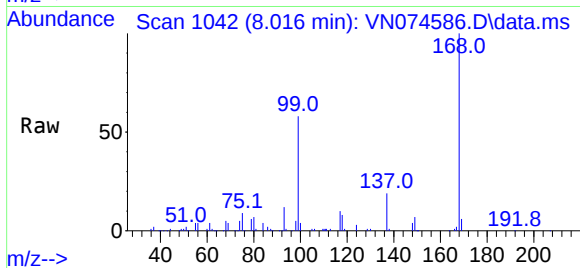
Quant Time: Sep 20 04:19:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 19:20:33 2022
Response via : Initial Calibration



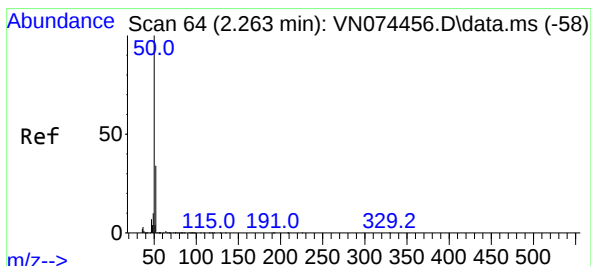
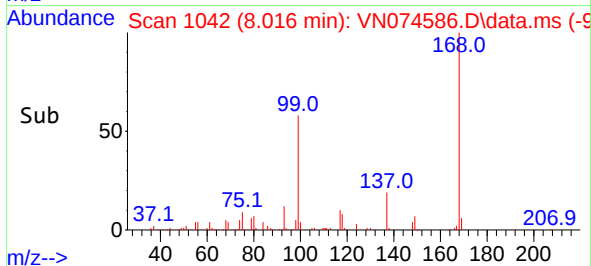
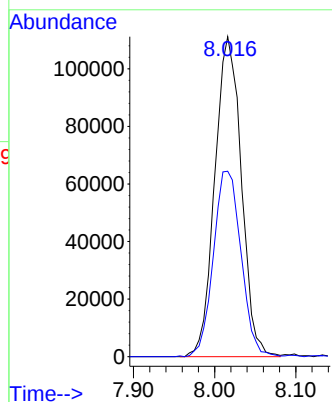


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

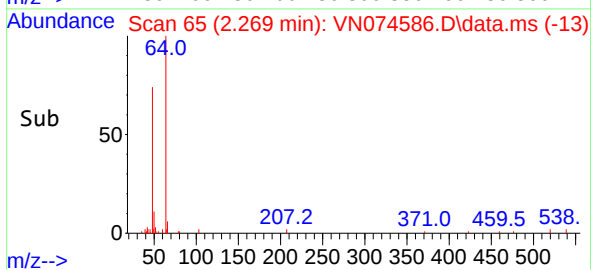
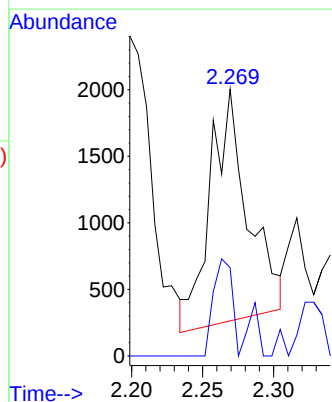
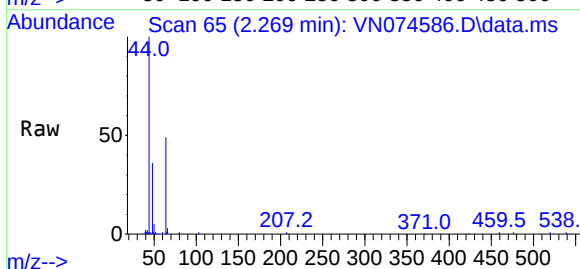


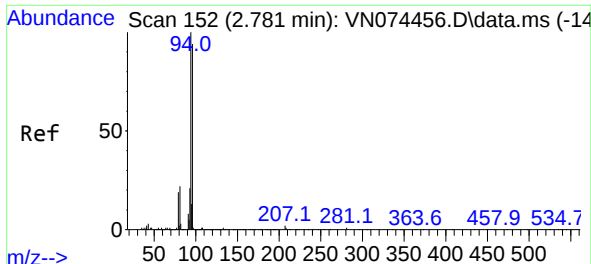
Tgt Ion:168 Resp: 252384
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#3
Chloromethane
Concen: 0.953 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.006 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 50 Resp: 3227
Ion Ratio Lower Upper
50 100
52 42.0 25.7 38.5#

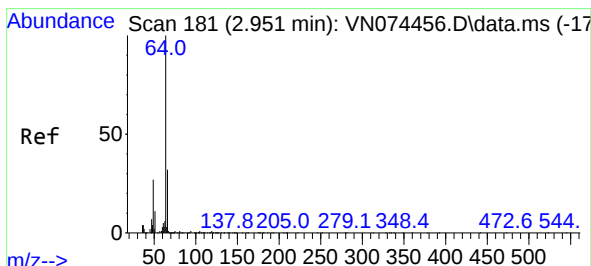
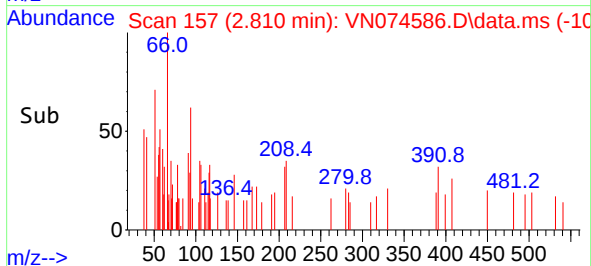
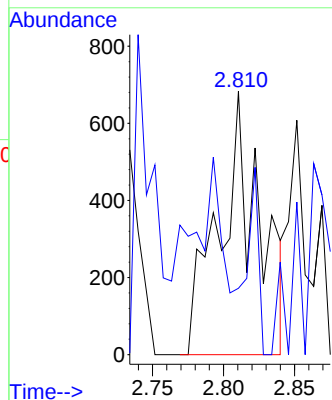
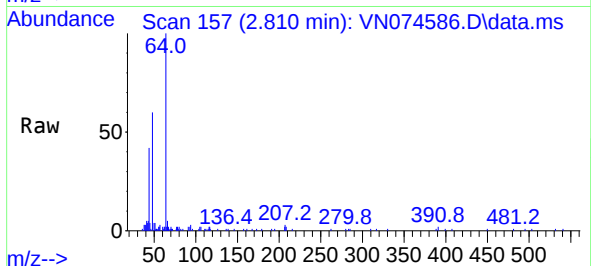




#5
Bromomethane
Concen: 0.506 ug/l
RT: 2.810 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

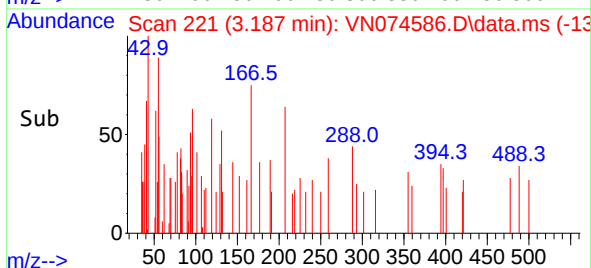
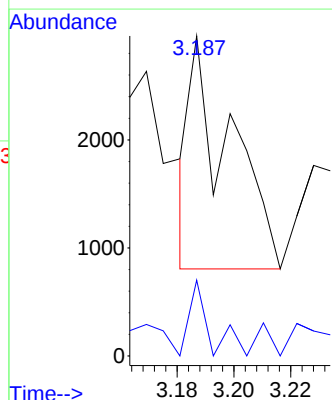
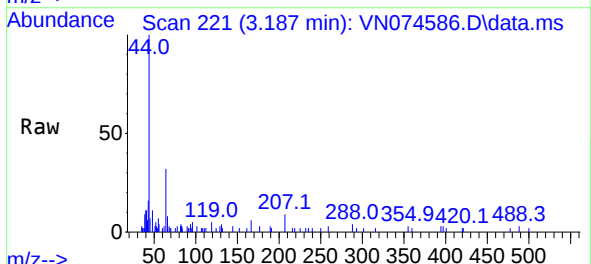
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

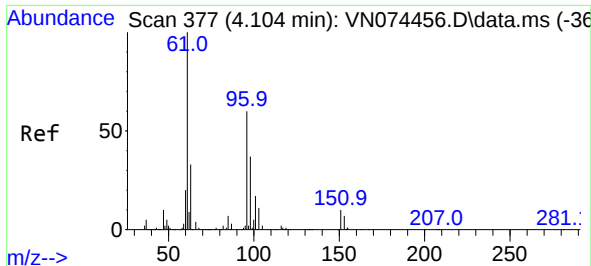
Tgt Ion: 94 Resp: 1320
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#6
Chloroethane
Concen: 0.625 ug/l
RT: 3.187 min Scan# 221
Delta R.T. 0.236 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 64 Resp: 2112
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4

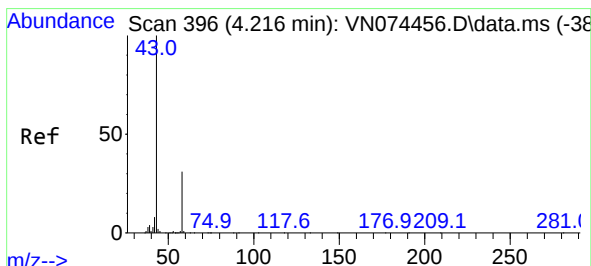
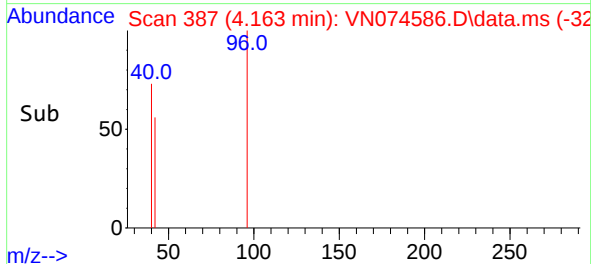
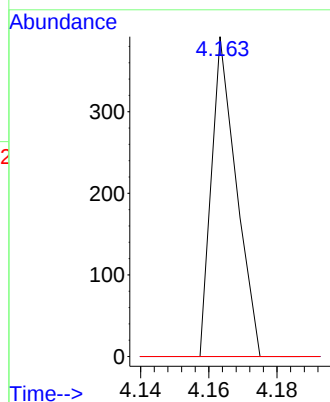
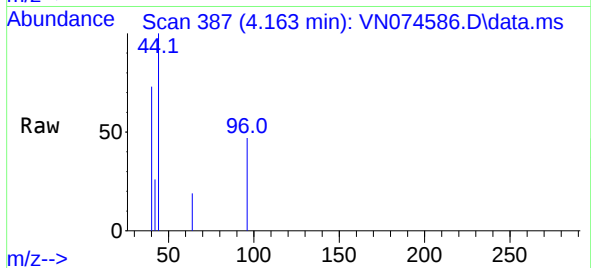




#12
1,1-Dichloroethene
Concen: 0.743 ug/l
RT: 4.163 min Scan# 31
Delta R.T. 0.059 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

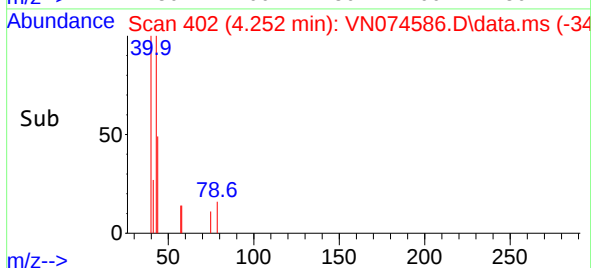
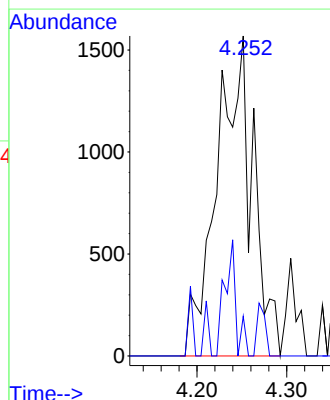
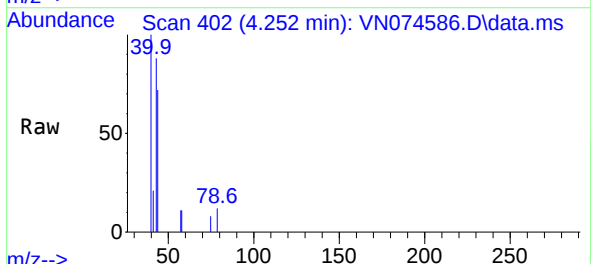
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

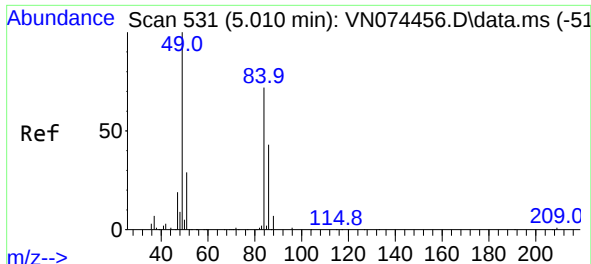
Tgt Ion: 96 Resp: 198
Ion Ratio Lower Upper
96 100
61 0.0 127.6 191.4#
98 0.0 51.2 76.8#



#16
Acetone
Concen: 1.596 ug/l
RT: 4.252 min Scan# 402
Delta R.T. 0.035 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

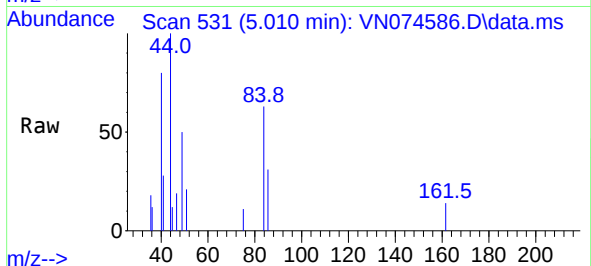
Tgt Ion: 43 Resp: 4374
Ion Ratio Lower Upper
43 100
58 12.4 26.0 39.0#



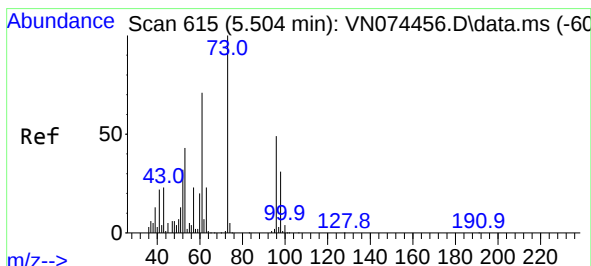
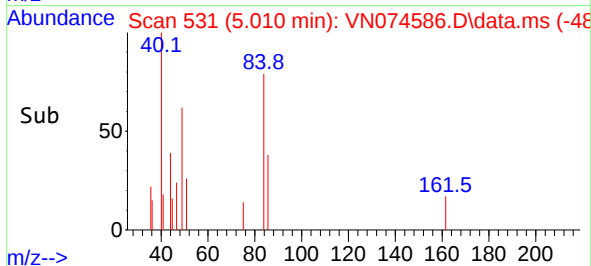
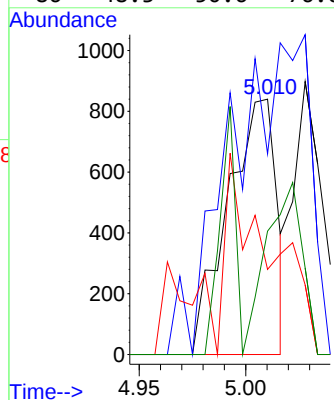


#20
Methylene Chloride
Concen: 0.353 ug/l
RT: 5.010 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

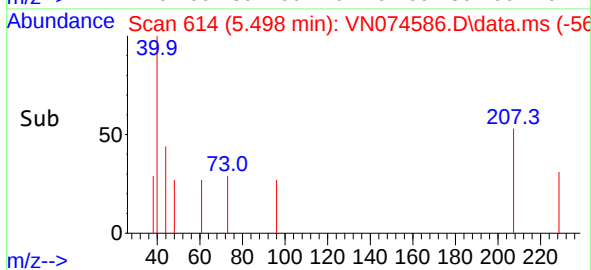
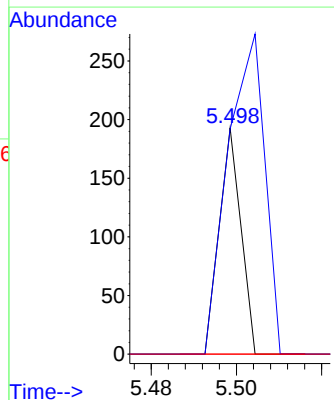
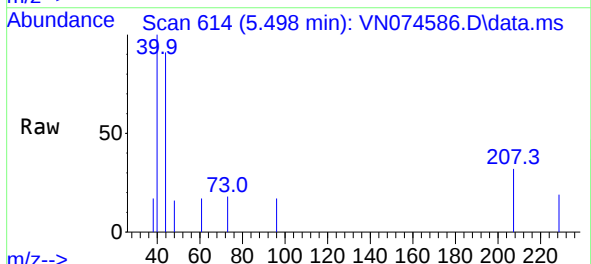


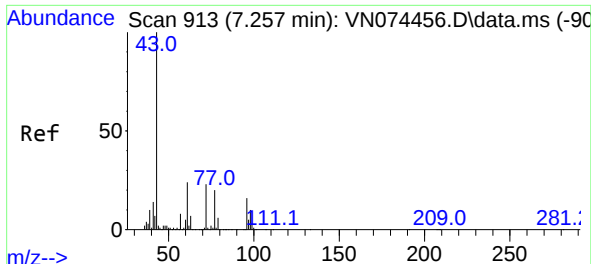
Tgt Ion: 84 Resp: 1348
Ion Ratio Lower Upper
84 100
49 48.0 88.3 132.5#
51 12.3 28.2 42.2#
86 48.3 50.6 76.0#



#21
trans-1,2-Dichloroethene
Concen: 0.447 ug/l
RT: 5.498 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 96 Resp: 68
Ion Ratio Lower Upper
96 100
61 99.5 105.8 158.8#
98 0.0 50.3 75.5#

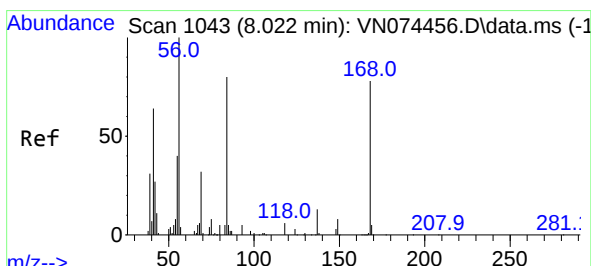
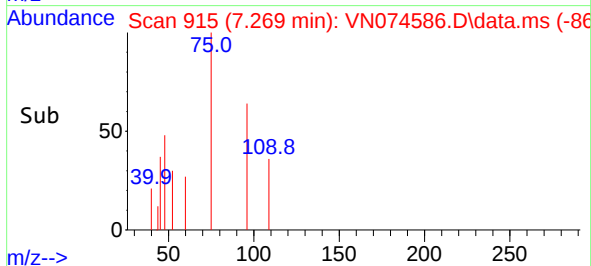
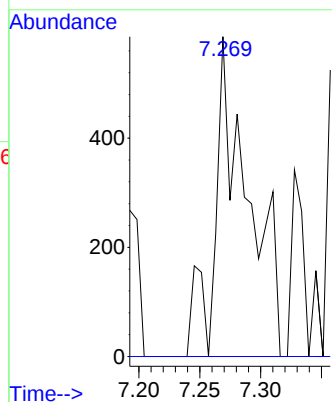
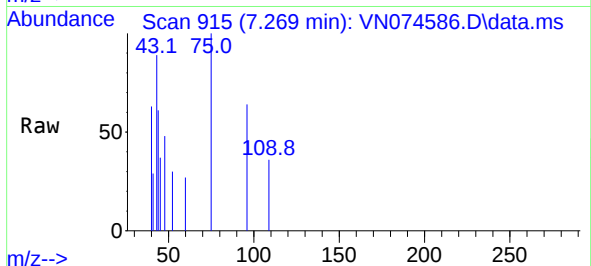




#25
2-Butanone
Concen: 0.245 ug/l
RT: 7.269 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

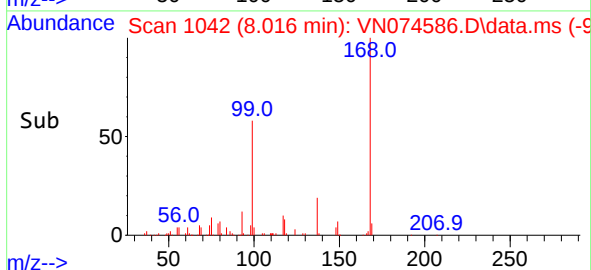
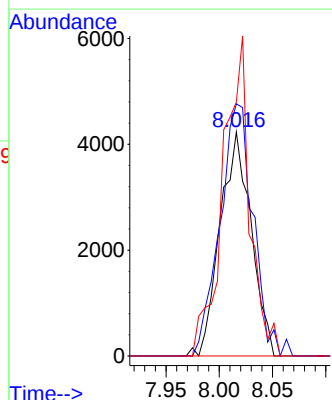
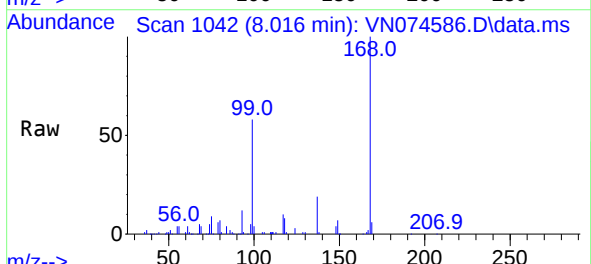
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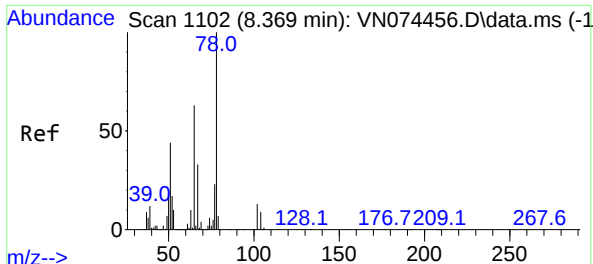
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
72 0.0 23.7 35.5#



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 56 Resp: 8565
Ion Ratio Lower Upper
56 100
69 112.5 27.8 41.8#
84 113.3 76.9 115.3

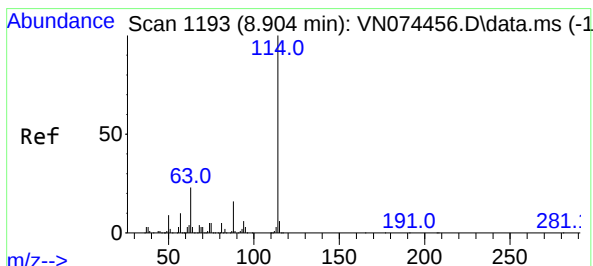
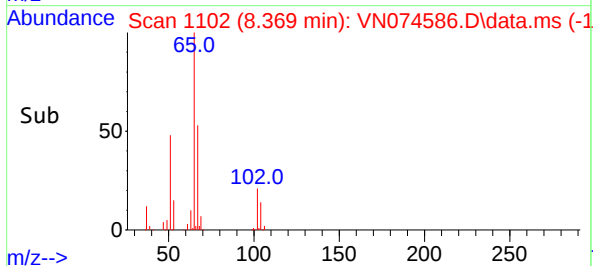
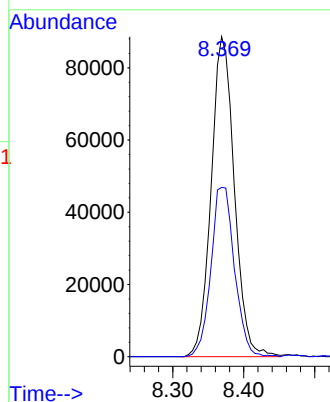
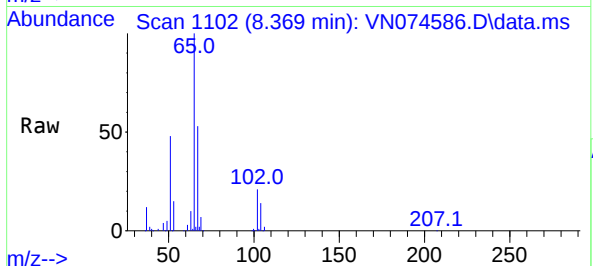




#33
1,2-Dichloroethane-d4
Concen: 46.865 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

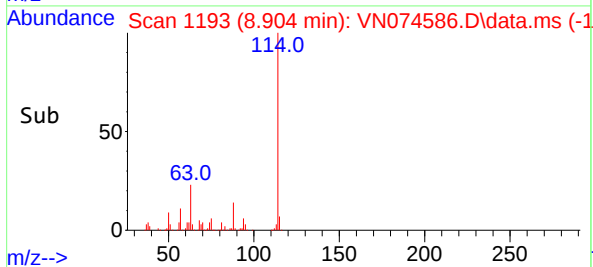
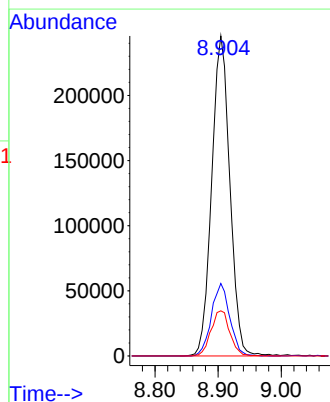
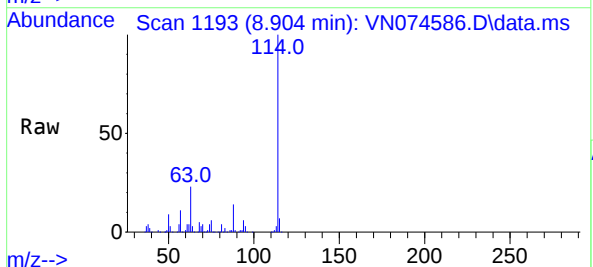
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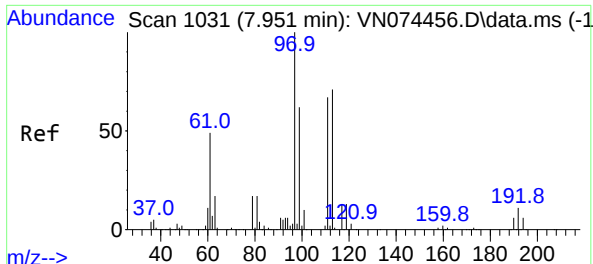
Tgt Ion: 65 Resp: 200691
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.904 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion:114 Resp: 489890
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 14.1 0.0 32.6

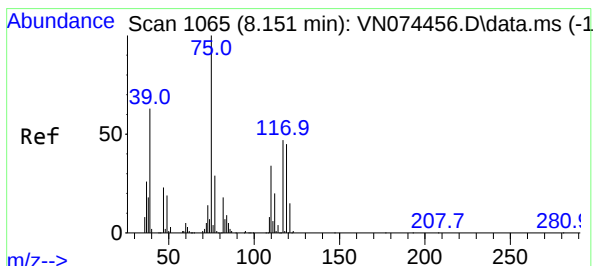
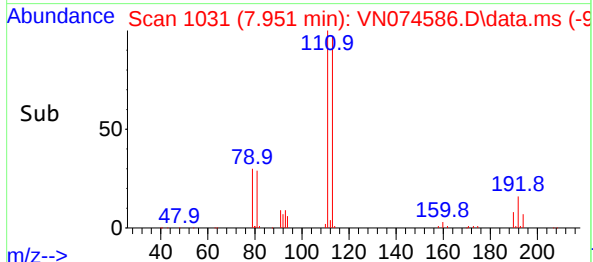
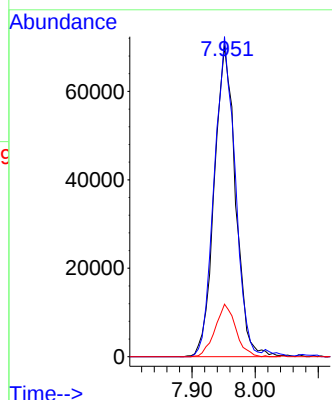
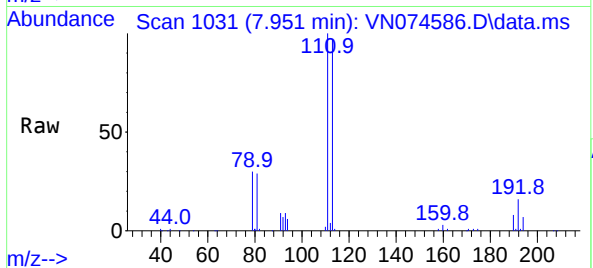




#35
Dibromofluoromethane
Concen: 50.542 ug/l
RT: 7.951 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

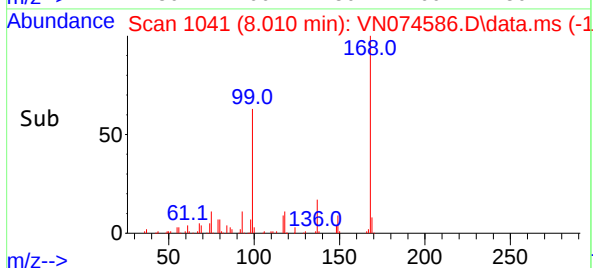
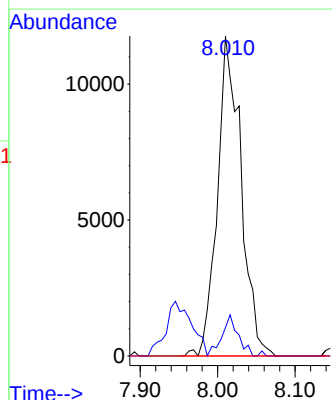
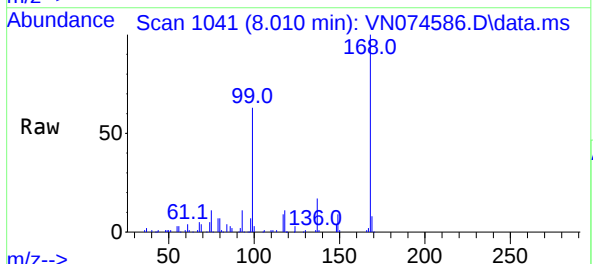
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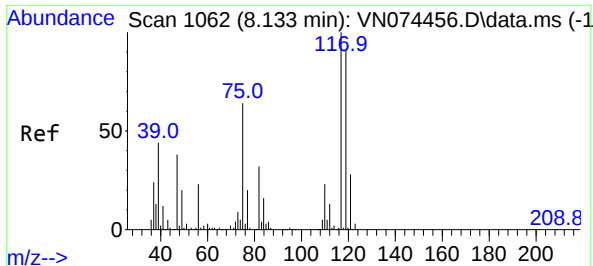
Tgt Ion:113 Resp: 164477
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.0
192 16.4 17.0 25.6#



#36
1,1-Dichloropropene
Concen: 4.331 ug/l
RT: 8.010 min Scan# 1041
Delta R.T. -0.141 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 75 Resp: 24945
Ion Ratio Lower Upper
75 100
110 8.8 18.3 54.8#
77 0.0 25.1 37.7#

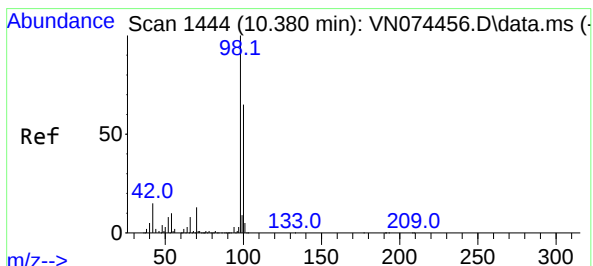
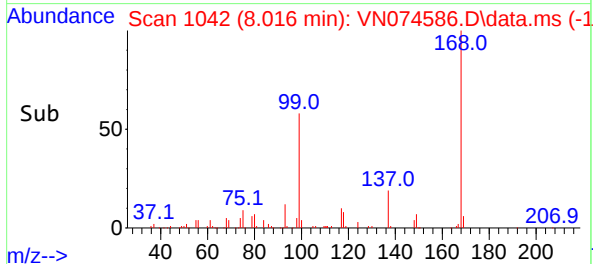
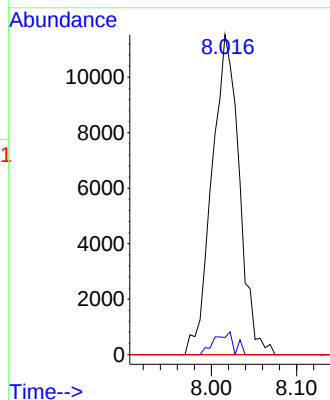
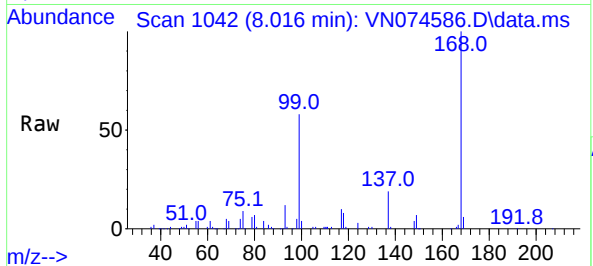




#38
Carbon Tetrachloride
Concen: 4.847 ug/l
RT: 8.016 min Scan# 1062
Delta R.T. -0.117 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

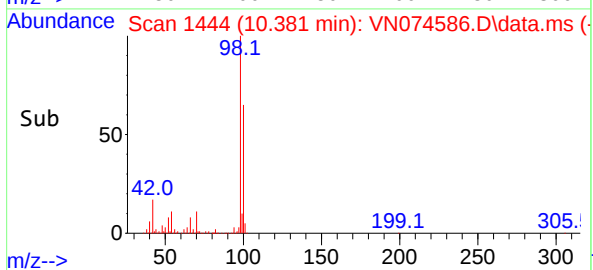
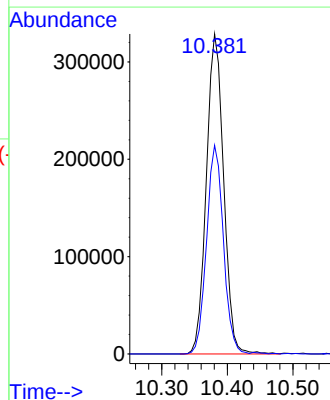
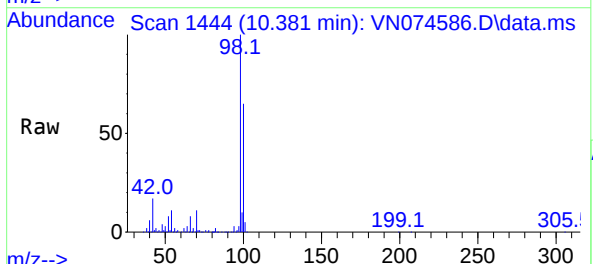
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

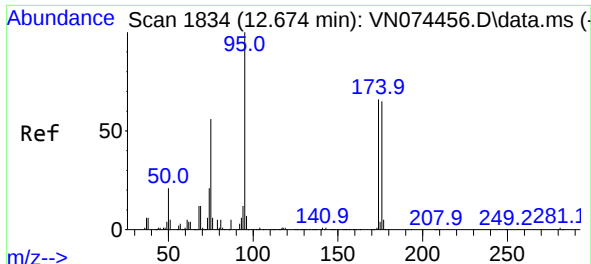
Tgt Ion:117 Resp: 25780
Ion Ratio Lower Upper
117 100
119 5.4 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 47.930 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 98 Resp: 603216
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8

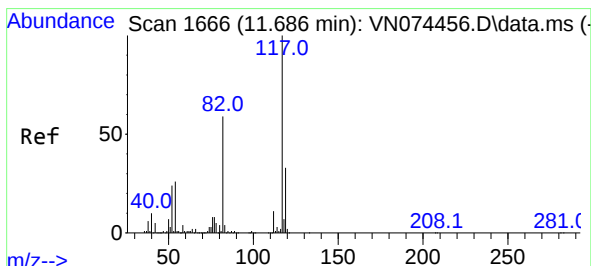
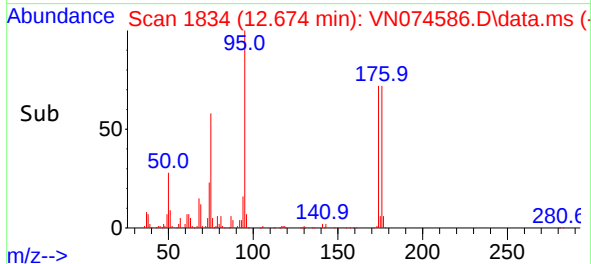
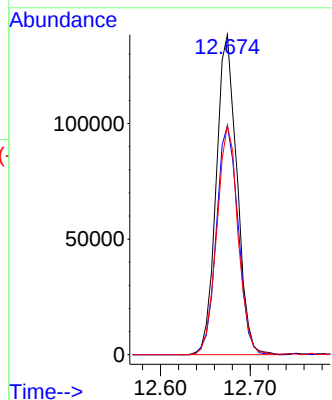
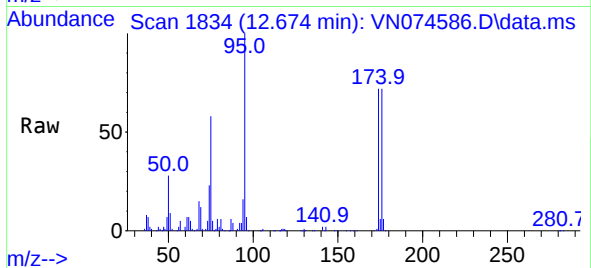




#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

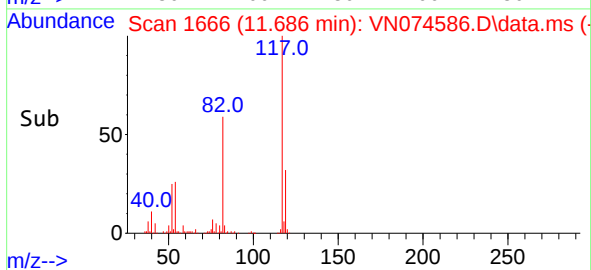
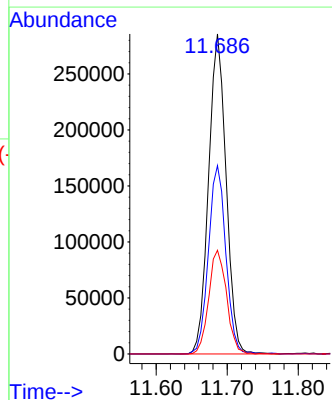
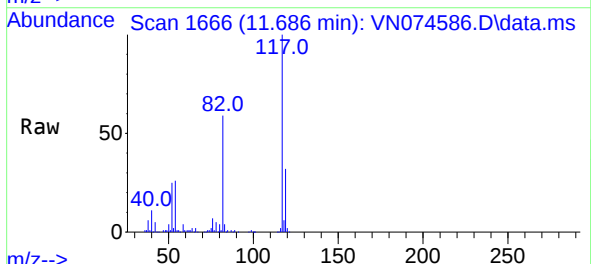
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

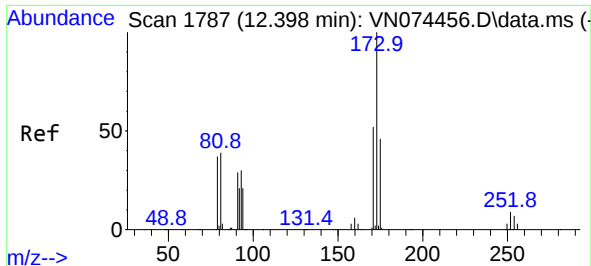
Tgt Ion: 95 Resp: 221982
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 73.4 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 117 Resp: 490017
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.4 25.4 38.0

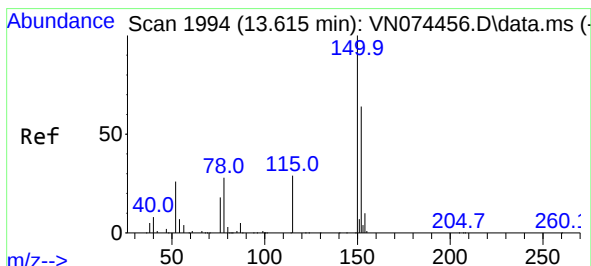
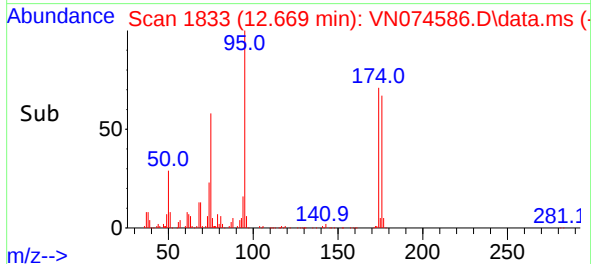
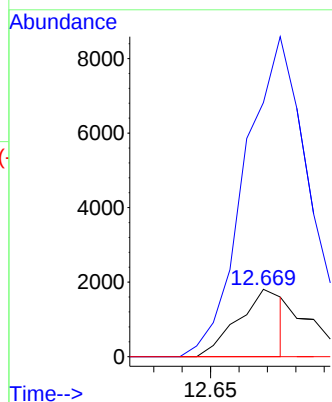
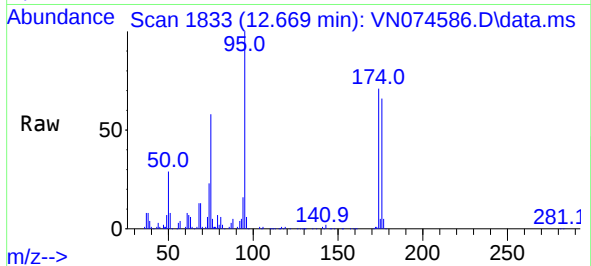




#71
Bromoform
Concen: 0.612 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.271 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

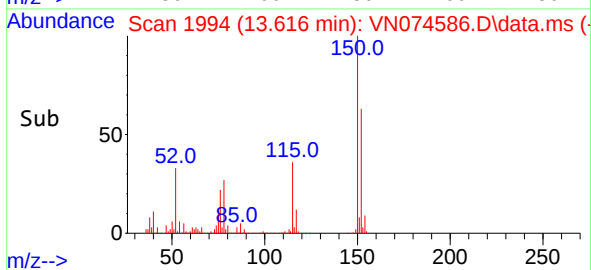
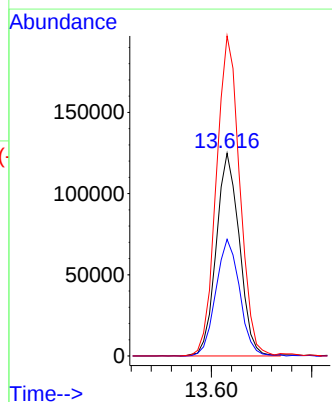
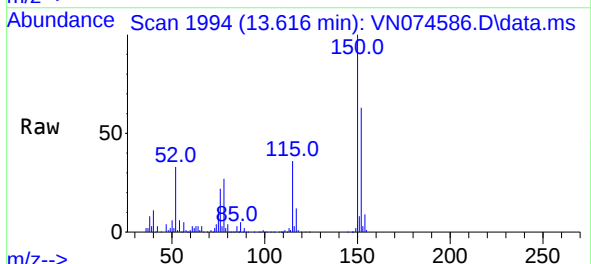
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

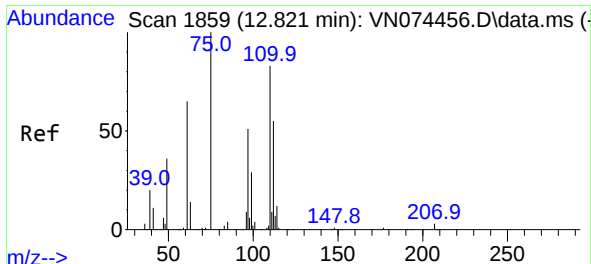
Tgt Ion:173 Resp: 2009
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion:152 Resp: 199869
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 159.8 0.0 356.2

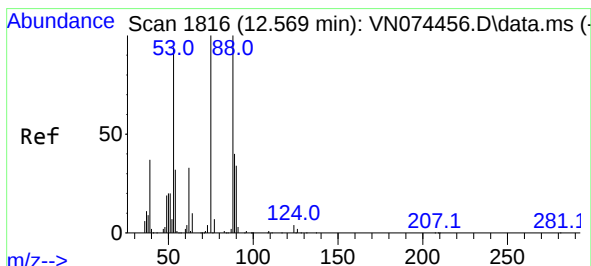
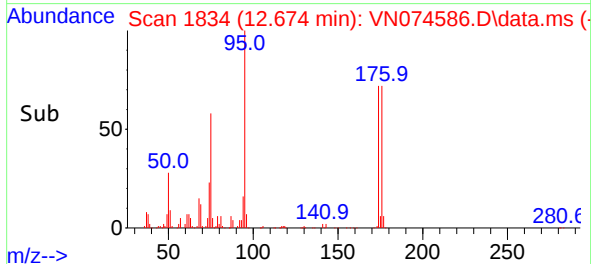
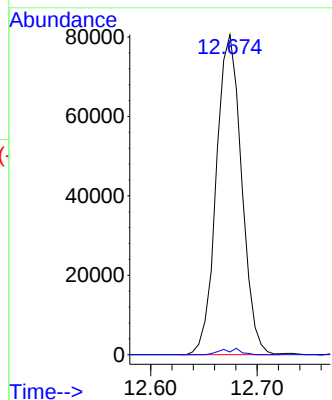
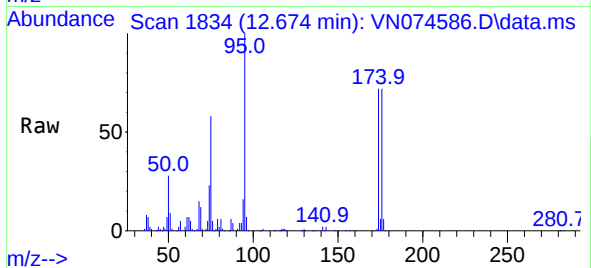




#76
1,2,3-Trichloropropane
Concen: 21.643 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. -0.147 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

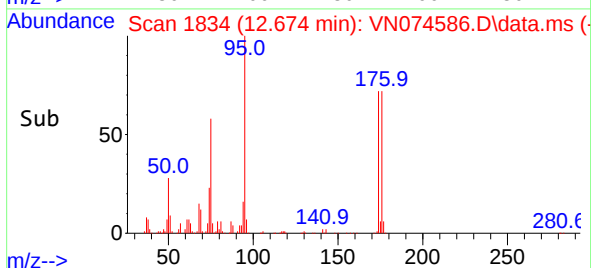
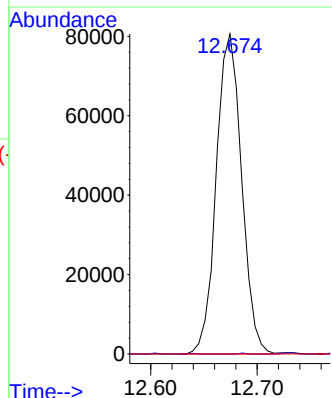
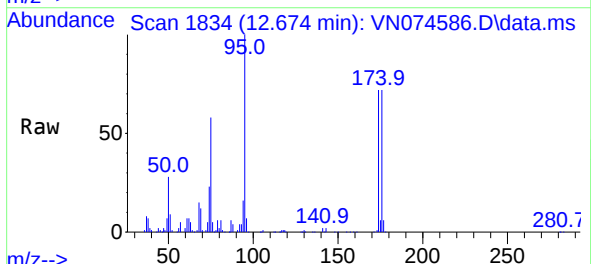
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

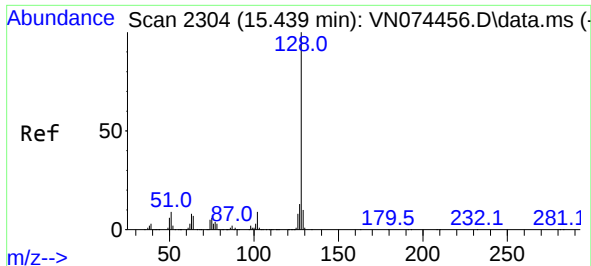
Tgt Ion: 75 Resp: 133151
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.713 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.105 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 75 Resp: 133151
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#

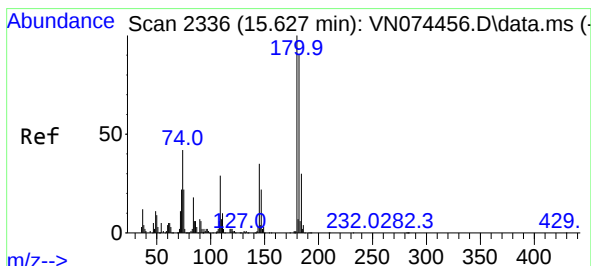
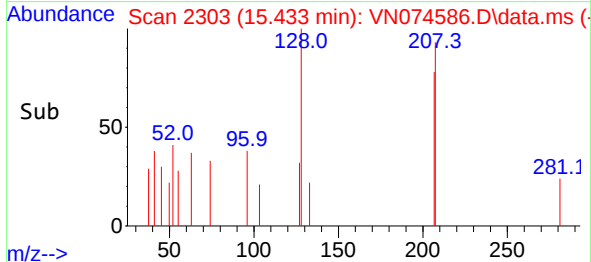
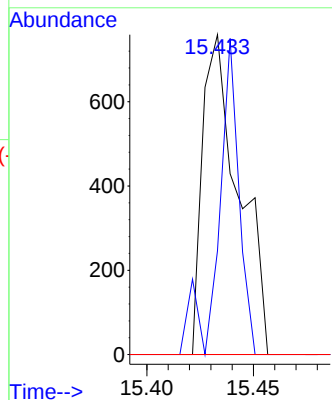
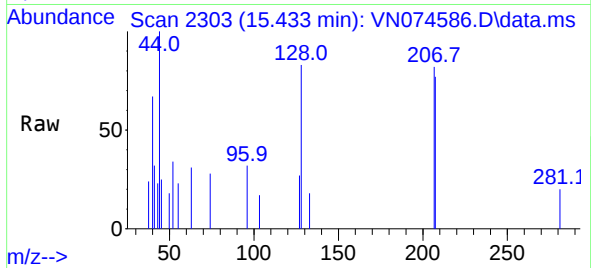




#95
Naphthalene
Concen: 1.640 ug/l
RT: 15.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

Tgt Ion:128 Resp: 896
Ion Ratio Lower Upper
128 100
127 55.9 10.3 15.5#
129 0.0 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.351 ug/l
RT: 15.874 min Scan# 2378
Delta R.T. 0.247 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion:180 Resp: 59
Ion Ratio Lower Upper
180 100
182 0.0 47.8 143.3#
145 0.0 15.5 46.5#

