

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
 Data File : VN071582.D
 Acq On : 26 Mar 2022 19:02
 Operator : JC\MD
 Sample : N2131-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Mar 28 02:20:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

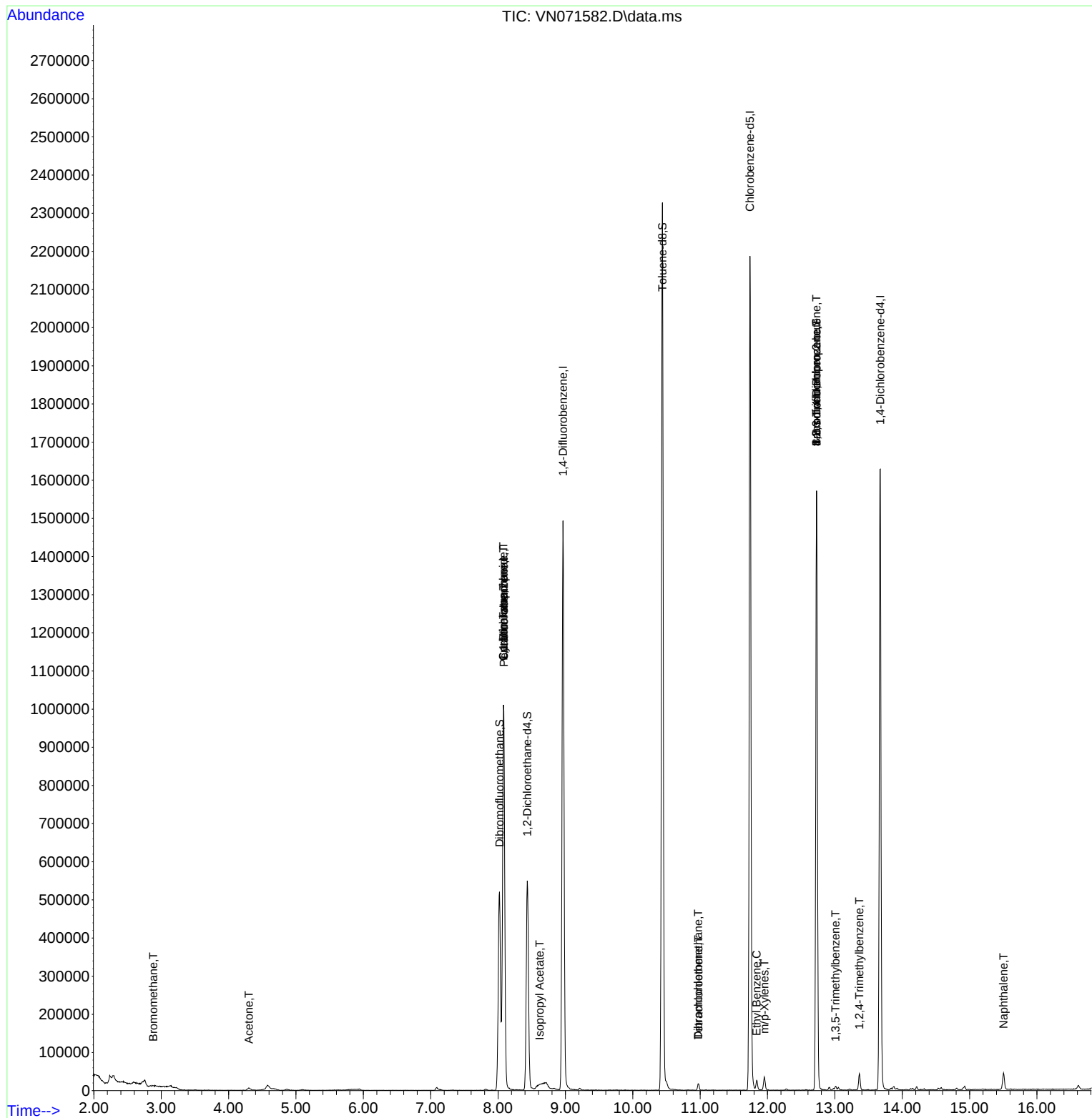
Internal Standards						
1) Pentafluorobenzene	8.087	168	822304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1371177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1340427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	482112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	474924	46.487	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.980%		
35) Dibromofluoromethane	8.022	113	388744	45.111	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.220%		
50) Toluene-d8	10.439	98	1681836	48.386	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.780%		
62) 4-Bromofluorobenzene	12.727	95	554571	48.693	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2729	Below Cal		97
5) Bromomethane	2.881	94	1746	0.286 ug/l #		75
16) Acetone	4.299	43	8900	2.125 ug/l #		86
18) Methyl Acetate	4.863	43	5832	Below Cal #		78
31) Cyclohexane	8.081	56	15612	1.068 ug/l #		14
36) 1,1-Dichloropropene	8.081	75	57856	4.656 ug/l #		49
38) Carbon Tetrachloride	8.081	117	74099	6.118 ug/l #		17
43) Isopropyl Acetate	8.616	43	15636	0.317 ug/l #		53
60) Dibromochloromethane	10.969	129	3945	0.399 ug/l #		11
64) Tetrachloroethene	10.975	164	4349	0.469 ug/l #		70
67) Ethyl Benzene	11.839	91	18915	0.387 ug/l		97
68) m/p-Xylenes	11.957	106	11639	0.623 ug/l		99
71) Bromoform	12.727	173	2854	0.361 ug/l #		1
75) 1,1,2,2-Tetrachloroethane	12.727	83	134	Below Cal #		1
76) 1,2,3-Trichloropropane	12.727	75	276952	25.762 ug/l #		1
80) 1,3,5-Trimethylbenzene	13.010	105	10301	0.307 ug/l		65
81) trans-1,4-Dichloro-2-b...	12.727	75	276952	68.972 ug/l #		10
84) 1,2,4-Trimethylbenzene	13.363	105	26032	0.804 ug/l		98
95) Naphthalene	15.504	128	44082	4.896 ug/l		99

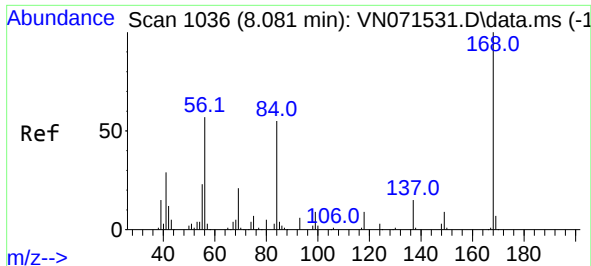
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032622\
Data File : VN071582.D
Acq On : 26 Mar 2022 19:02
Operator : JC\MD
Sample : N2131-06
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Quant Time: Mar 28 02:20:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 25 09:52:40 2022
Response via : Initial Calibration

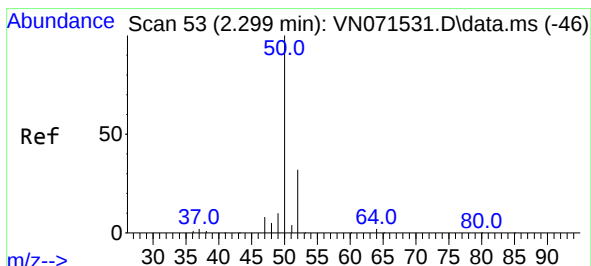
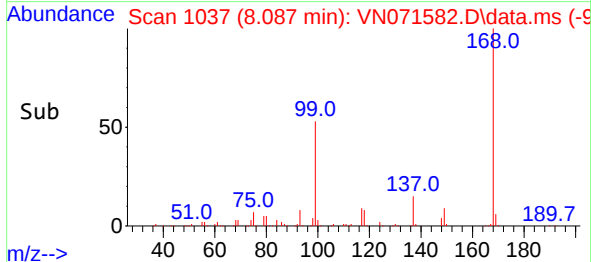
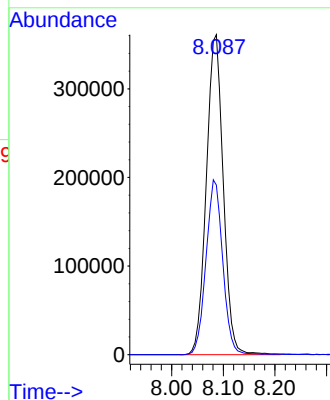
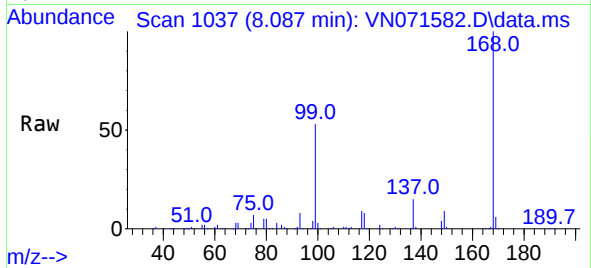




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.087 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

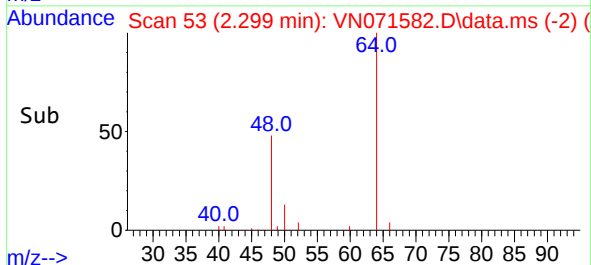
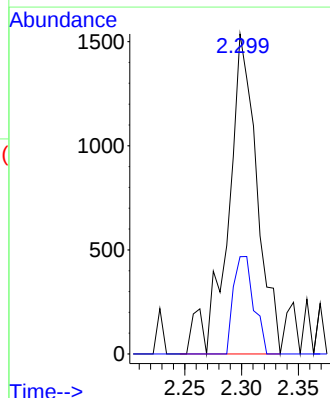
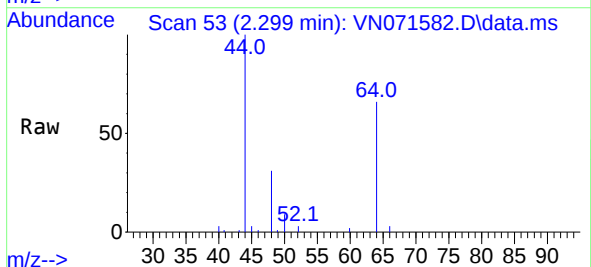
Instrument :
MSVOA_N
ClientSampleId :
MW-14

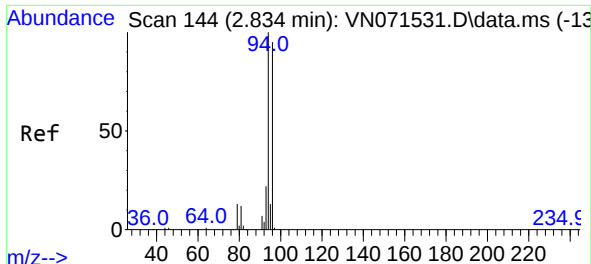
Tgt Ion:168 Resp: 822304
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 50 Resp: 2729
Ion Ratio Lower Upper
50 100
52 30.4 25.7 38.5

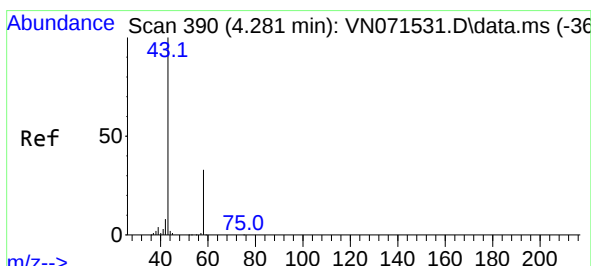
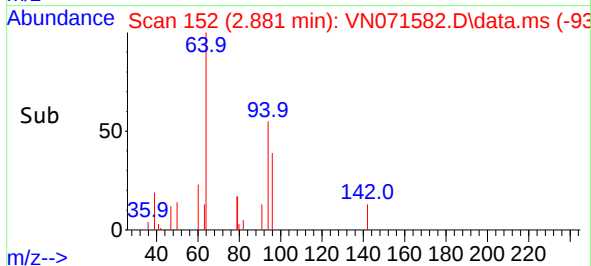
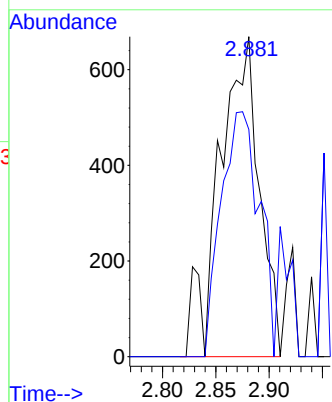
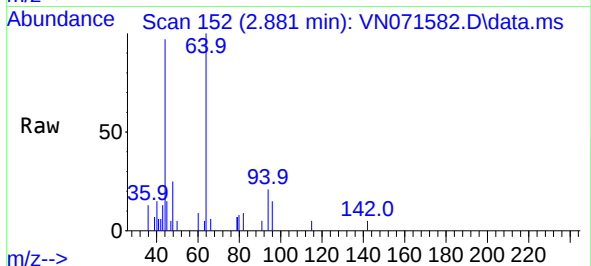




#5
Bromomethane
Concen: 0.286 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

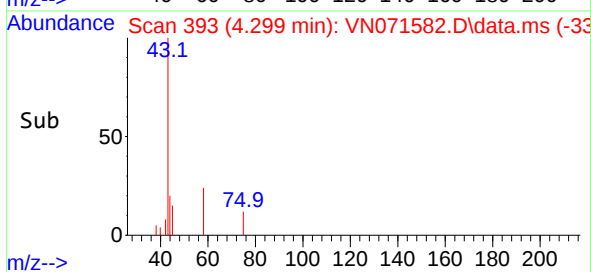
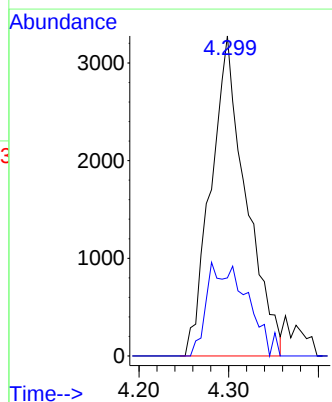
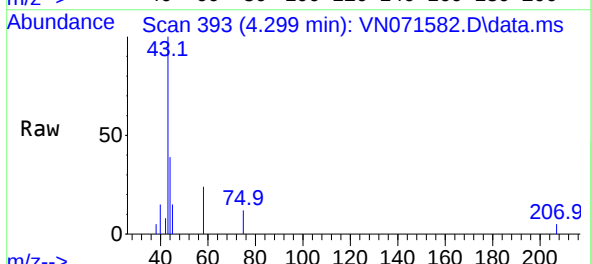
Instrument :
MSVOA_N
ClientSampleId :
MW-14

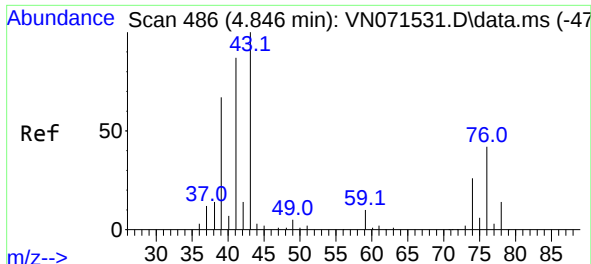
Tgt Ion: 94 Resp: 1746
Ion Ratio Lower Upper
94 100
96 71.0 76.0 114.0#



#16
Acetone
Concen: 2.125 ug/l
RT: 4.299 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 43 Resp: 8900
Ion Ratio Lower Upper
43 100
58 24.4 26.0 39.0#

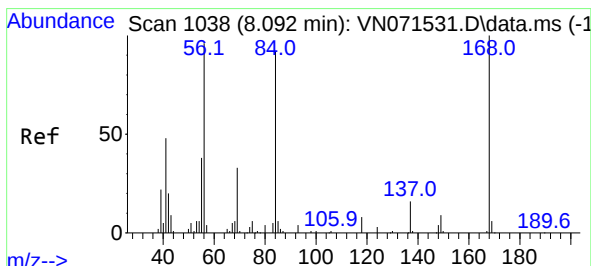
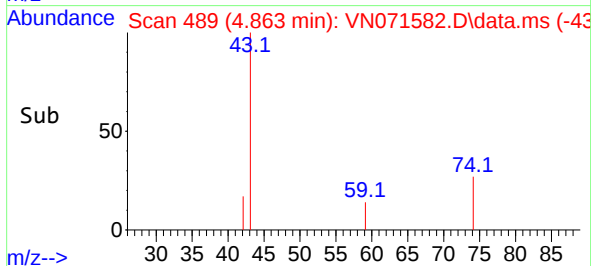
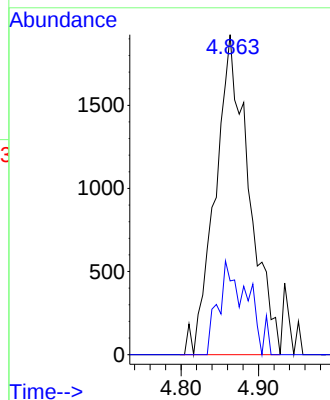
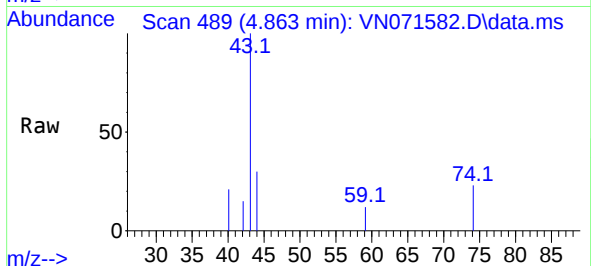




#18
Methyl Acetate
Concen: Below Cal
RT: 4.863 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

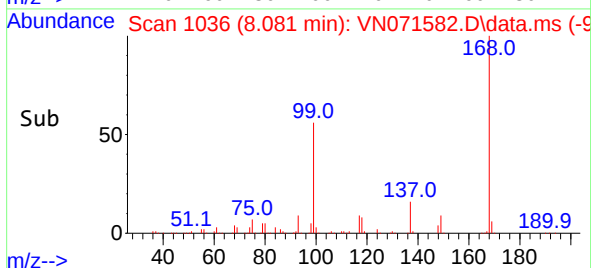
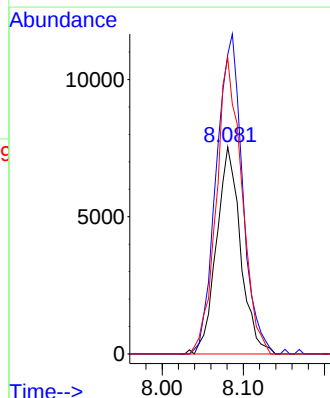
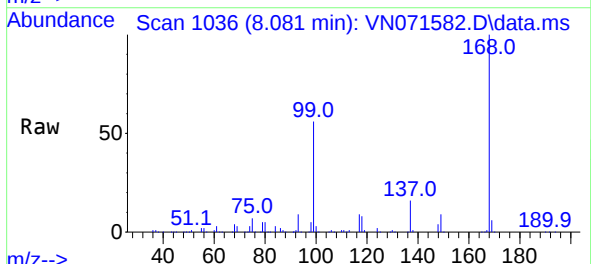
Instrument :
MSVOA_N
ClientSampleId :
MW-14

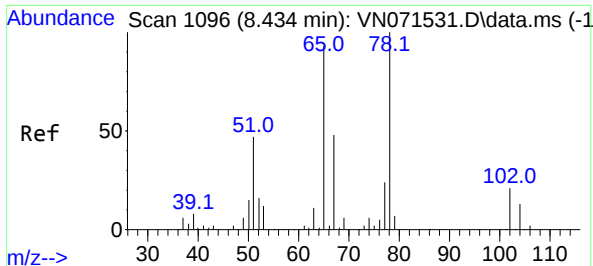
Tgt Ion: 43 Resp: 5832
Ion Ratio Lower Upper
43 100
74 15.5 21.6 32.4#



#31
Cyclohexane
Concen: 1.068 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 56 Resp: 15612
Ion Ratio Lower Upper
56 100
69 144.6 27.8 41.8#
84 143.0 76.9 115.3#

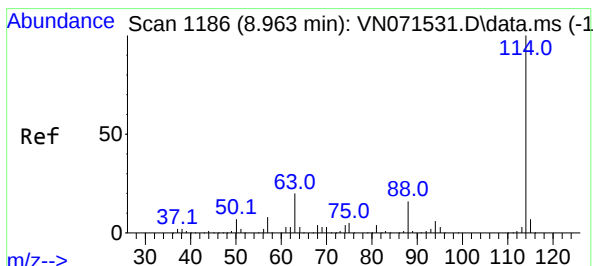
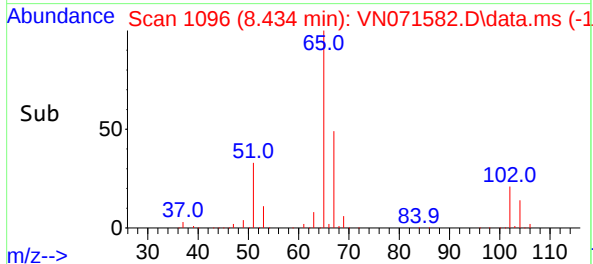
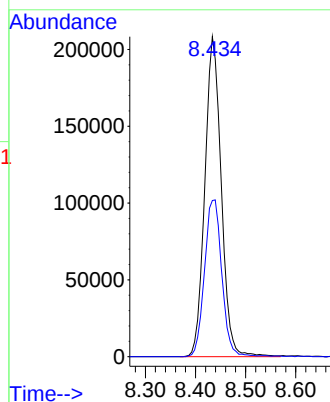
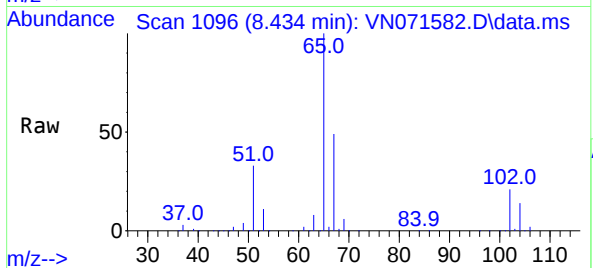




#33
1,2-Dichloroethane-d4
Concen: 46.487 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

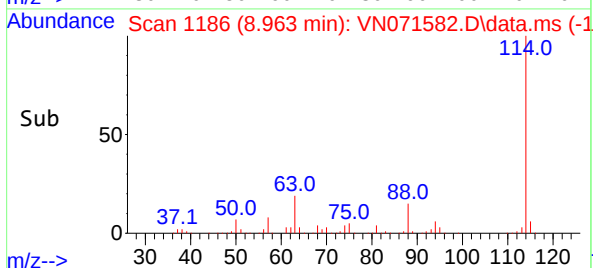
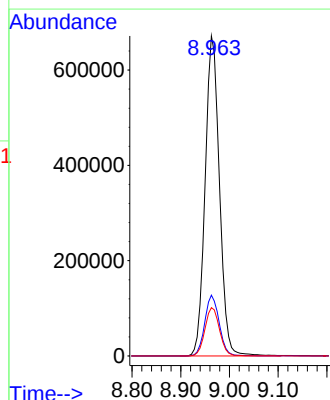
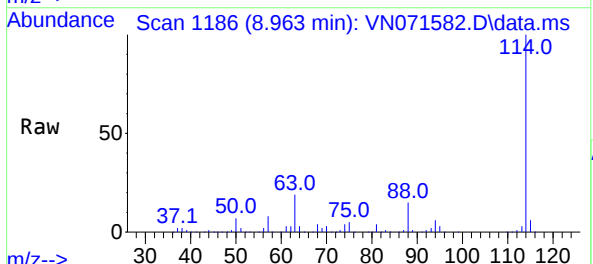
Instrument :
MSVOA_N
ClientSampleId :
MW-14

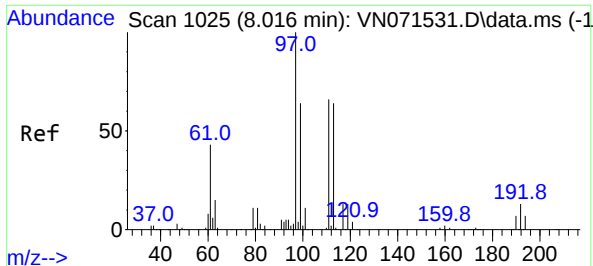
Tgt Ion: 65 Resp: 474924
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 114 Resp: 1371177
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.1 0.0 32.6

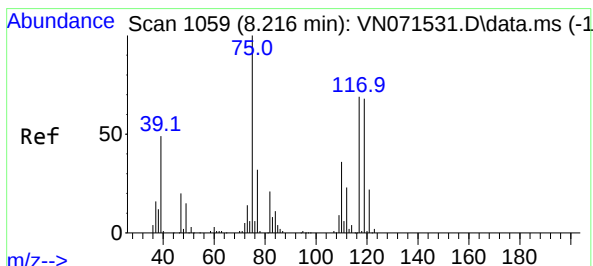
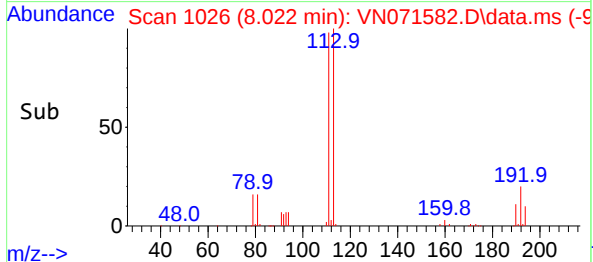
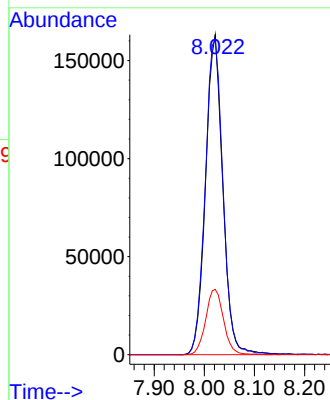
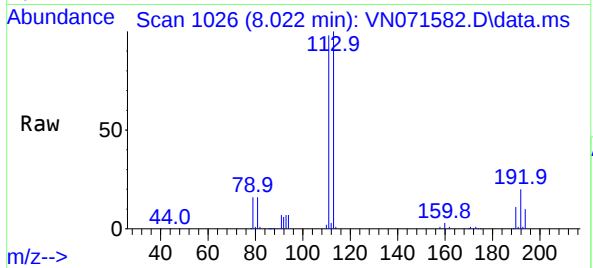




#35
Dibromofluoromethane
Concen: 45.111 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

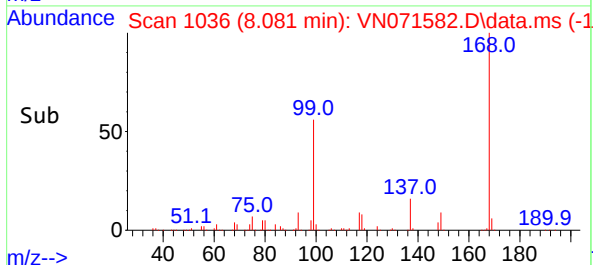
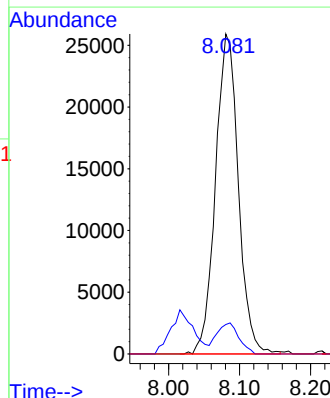
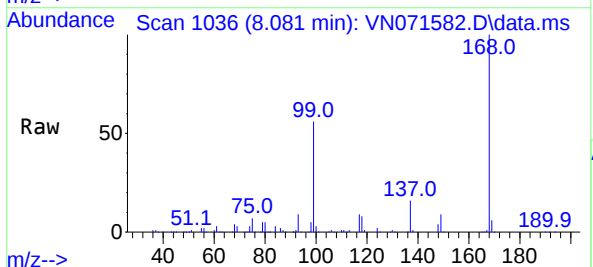
Instrument :
MSVOA_N
ClientSampleId :
MW-14

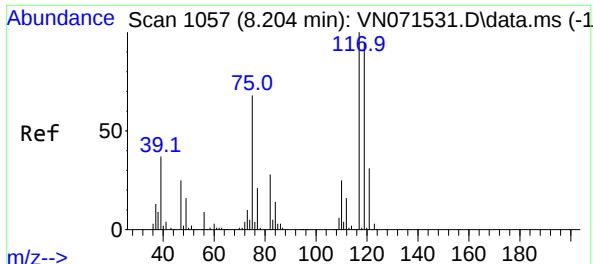
Tgt Ion:113 Resp: 388744
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.0
192 21.3 17.0 25.6



#36
1,1-Dichloropropene
Concen: 4.656 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.135 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 75 Resp: 57856
Ion Ratio Lower Upper
75 100
110 9.3 18.3 54.8#
77 0.0 25.1 37.7#

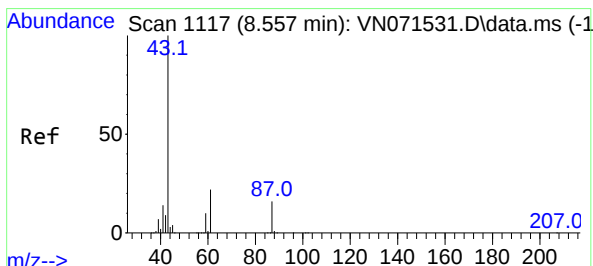
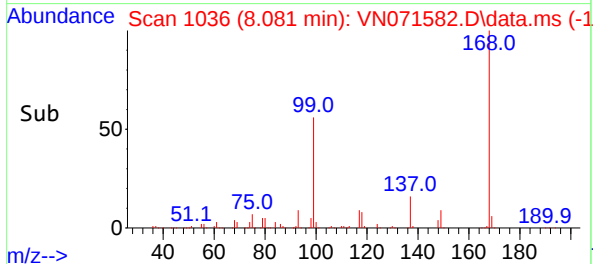
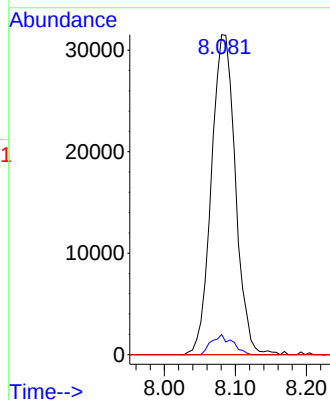
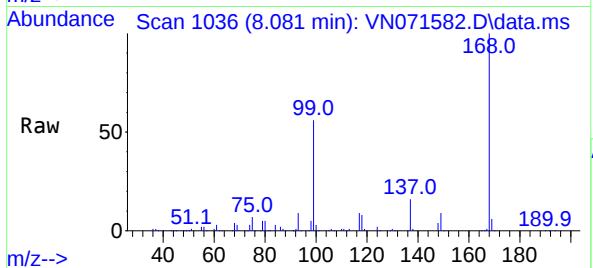




#38
Carbon Tetrachloride
Concen: 6.118 ug/l
RT: 8.081 min Scan# 1107
Delta R.T. -0.124 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

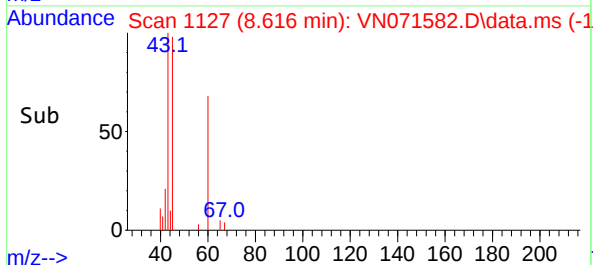
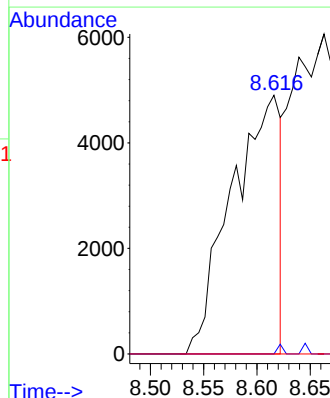
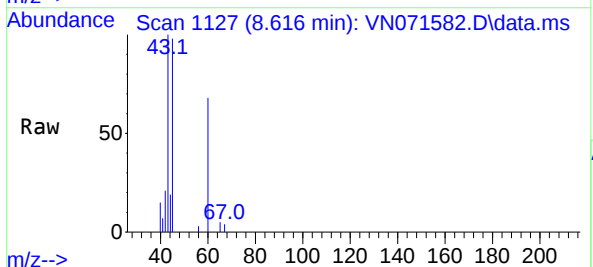
Instrument :
MSVOA_N
ClientSampleId :
MW-14

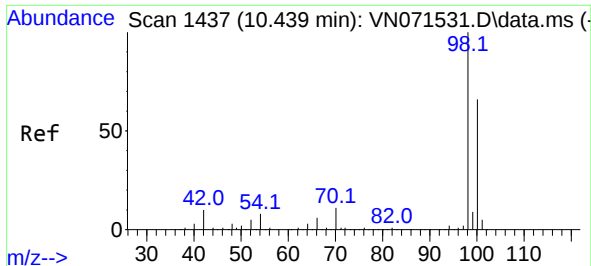
Tgt Ion:117 Resp: 74099
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 0.317 ug/l
RT: 8.616 min Scan# 1127
Delta R.T. 0.059 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 43 Resp: 15636
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#

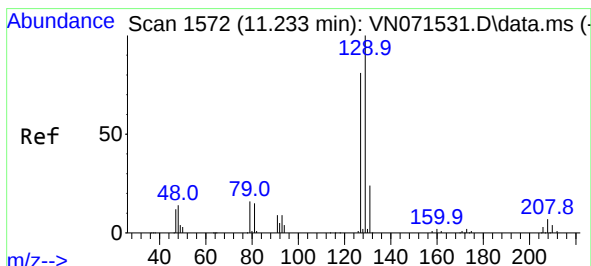
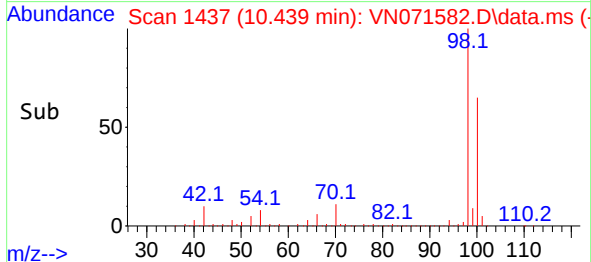
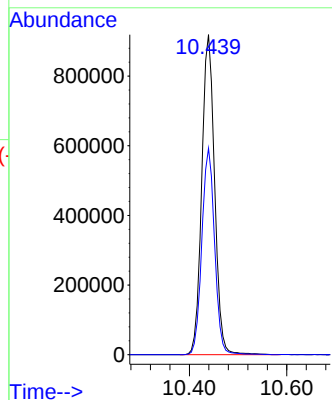
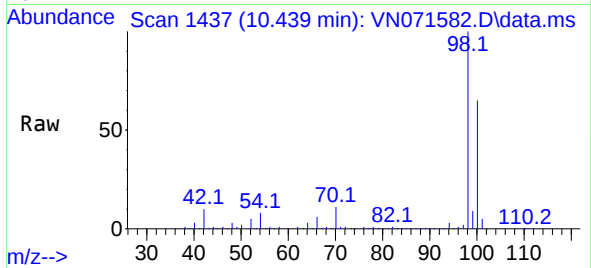




#50
Toluene-d8
Concen: 48.386 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

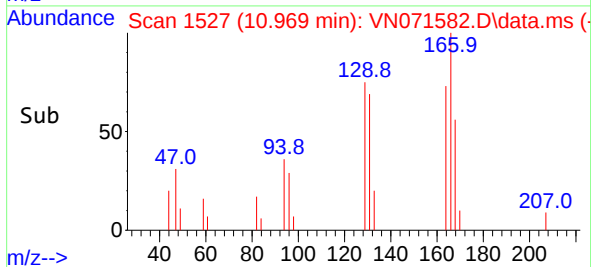
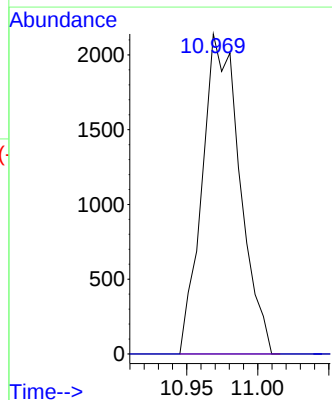
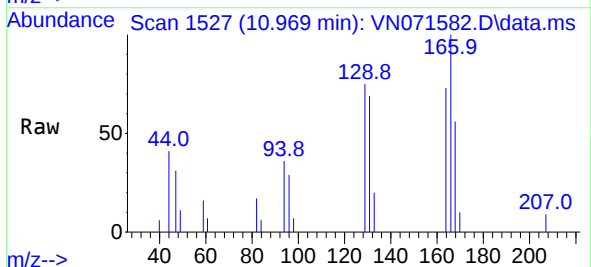
Instrument :
MSVOA_N
ClientSampleId :
MW-14

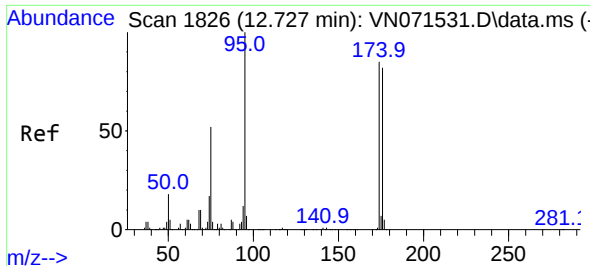
Tgt Ion: 98 Resp: 1681836
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#60
Dibromochloromethane
Concen: 0.399 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.265 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion:129 Resp: 3945
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

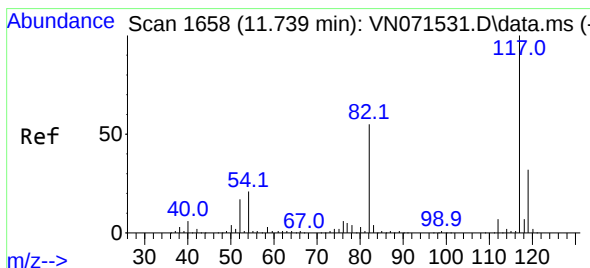
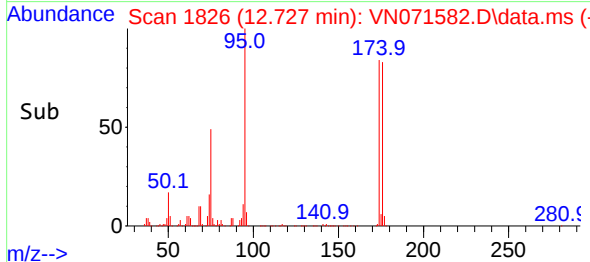
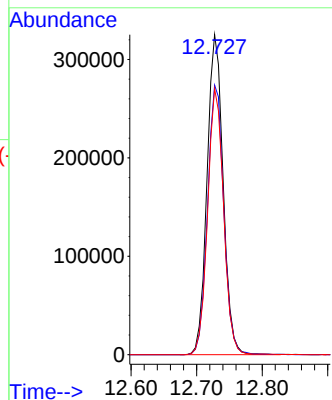
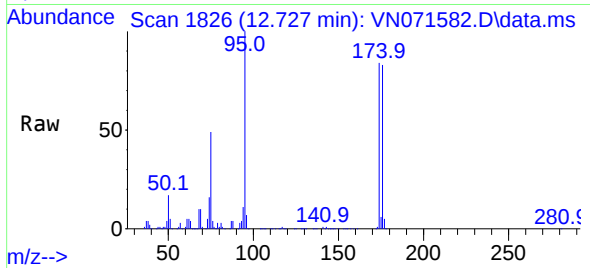




#62
4-Bromofluorobenzene
Concen: 48.693 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

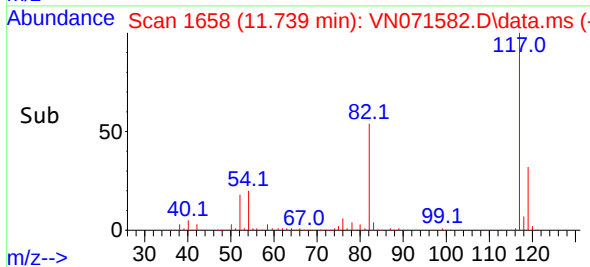
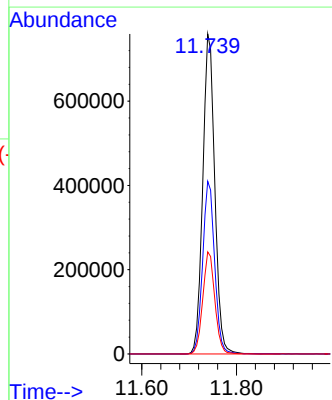
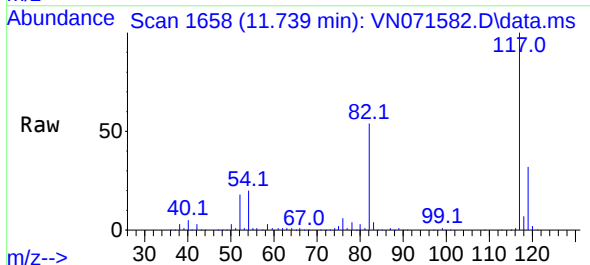
Instrument :
MSVOA_N
ClientSampleId :
MW-14

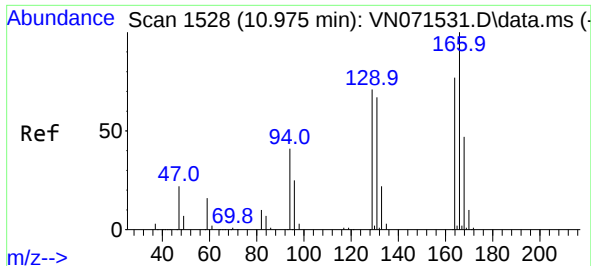
Tgt Ion: 95 Resp: 554571
Ion Ratio Lower Upper
95 100
174 85.3 0.0 167.6
176 82.6 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

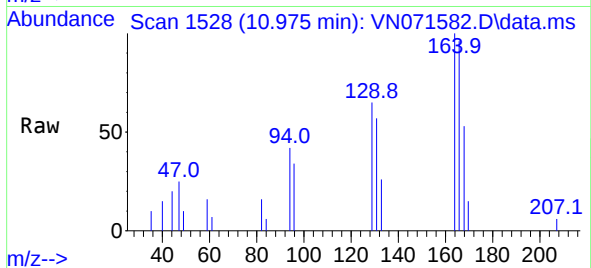
Tgt Ion: 117 Resp: 1340427
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.9 25.4 38.0



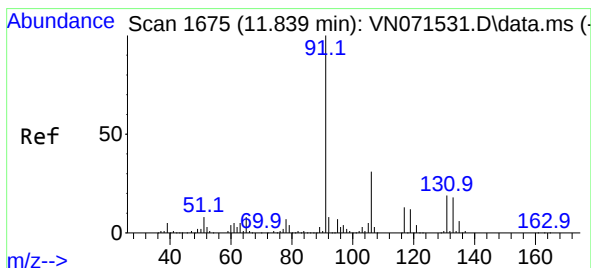
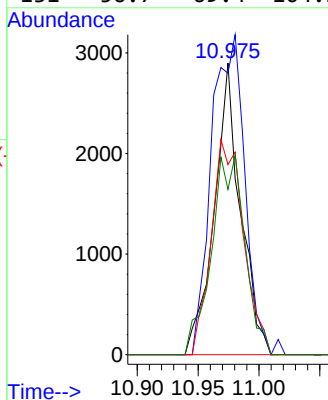
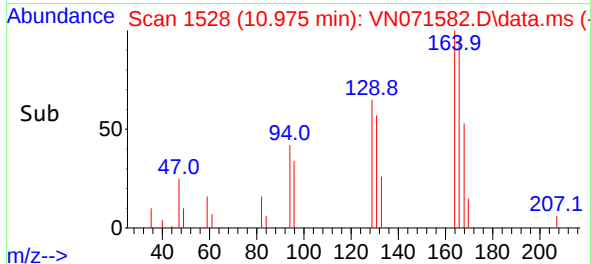


#64
Tetrachloroethene
Concen: 0.469 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
MW-14

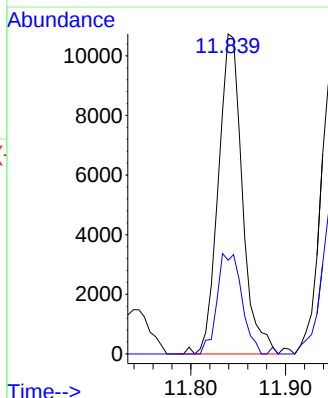
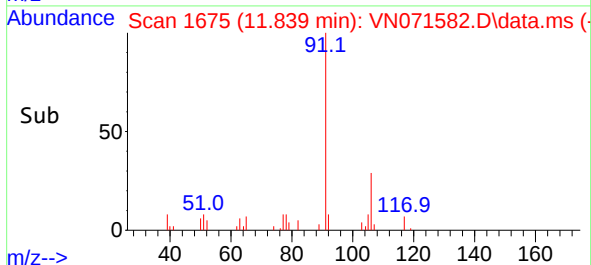
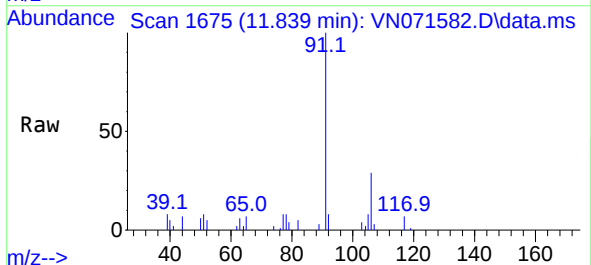


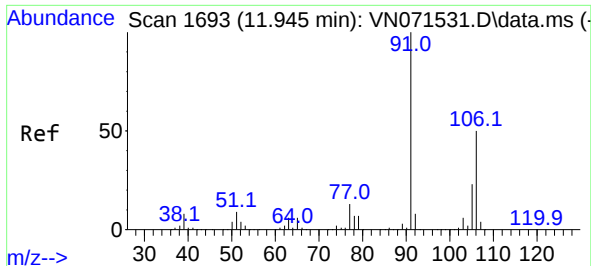
Tgt Ion:164 Resp: 4349
Ion Ratio Lower Upper
164 100
166 96.5 104.2 156.2#
129 65.2 73.9 110.9#
131 56.7 69.4 104.2#



#67
Ethyl Benzene
Concen: 0.387 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 91 Resp: 18915
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

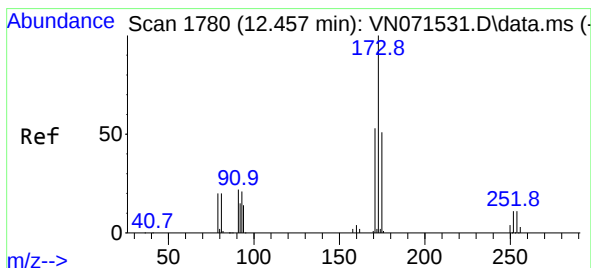
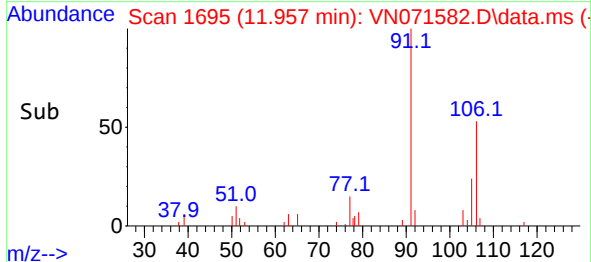
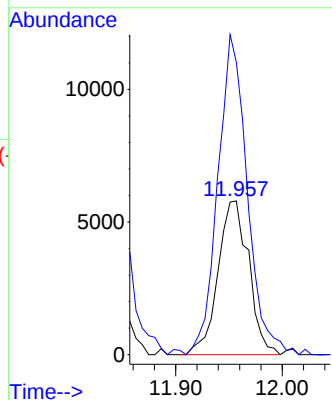
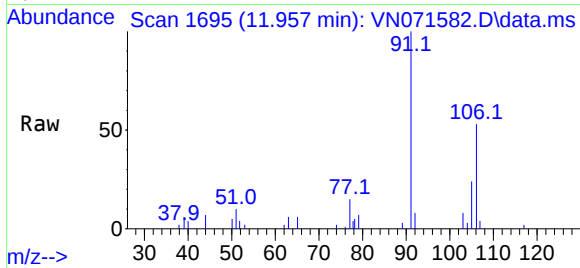




#68
m/p-Xylenes
Concen: 0.623 ug/l
RT: 11.957 min Scan# 11639
Delta R.T. 0.012 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

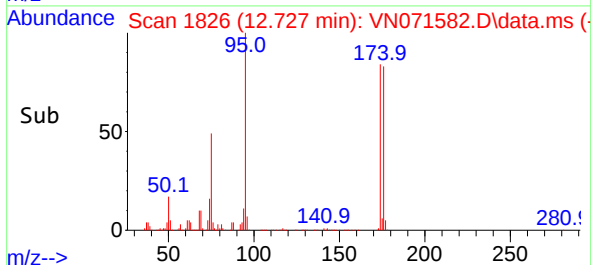
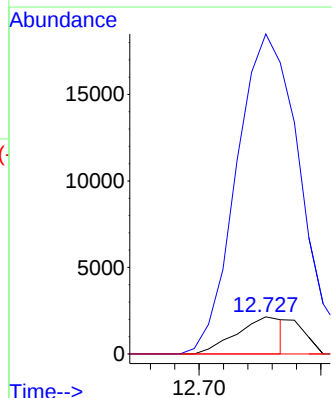
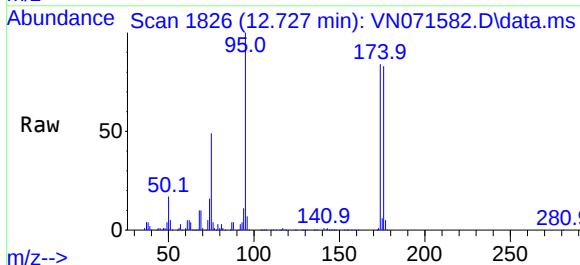
Instrument :
MSVOA_N
ClientSampleId :
MW-14

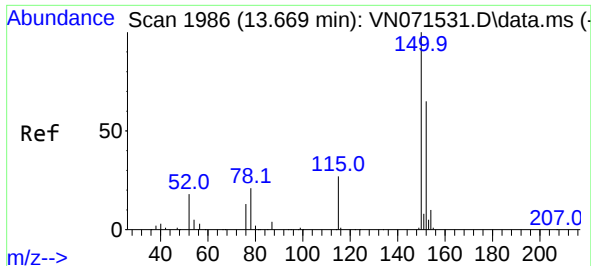
Tgt Ion:106 Resp: 11639
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3



#71
Bromoform
Concen: 0.361 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.271 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion:173 Resp: 2854
Ion Ratio Lower Upper
173 100
175 862.5 24.6 73.6#
254 0.0 0.1 0.1#

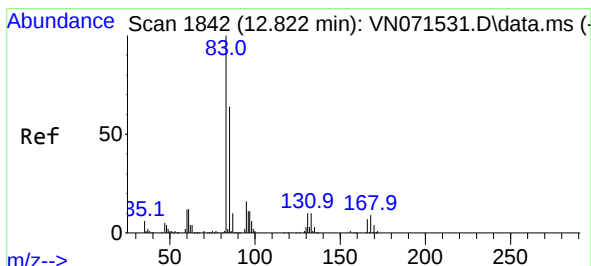
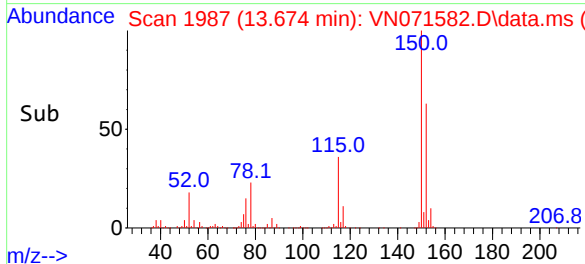
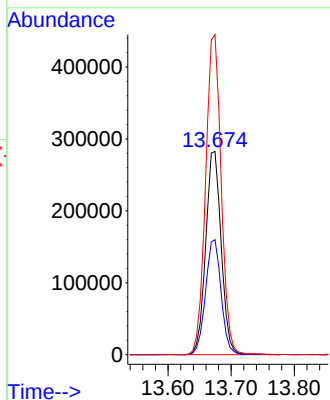
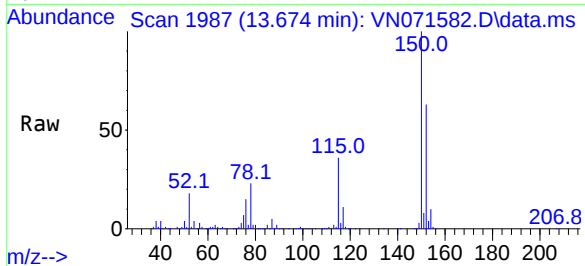




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.674 min Scan# 15
 Delta R.T. 0.006 min
 Lab File: VN071582.D
 Acq: 26 Mar 2022 19:02

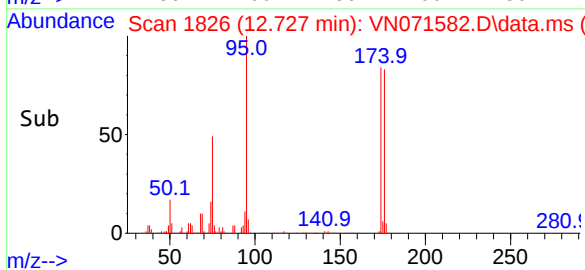
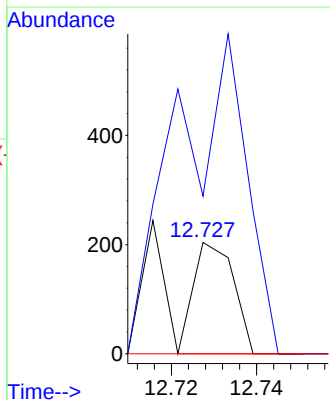
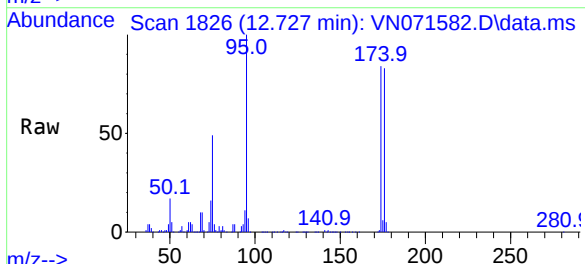
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

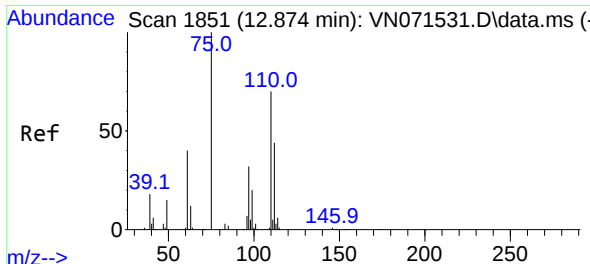
Tgt Ion:152 Resp: 482112
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.9 86.7
 150 158.4 0.0 356.2



#75
 1,1,2,2-Tetrachloroethane
 Concen: Below Cal
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.095 min
 Lab File: VN071582.D
 Acq: 26 Mar 2022 19:02

Tgt Ion: 83 Resp: 134
 Ion Ratio Lower Upper
 83 100
 131 499.3 5.3 15.9#
 85 0.0 32.3 96.9#

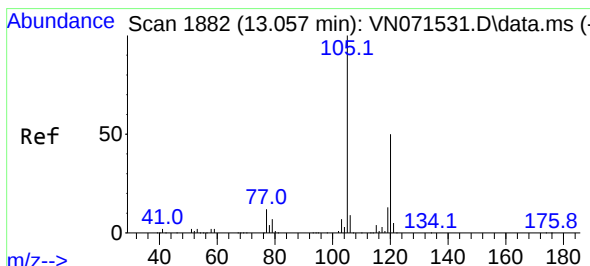
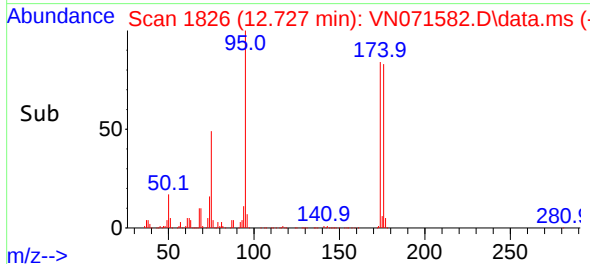
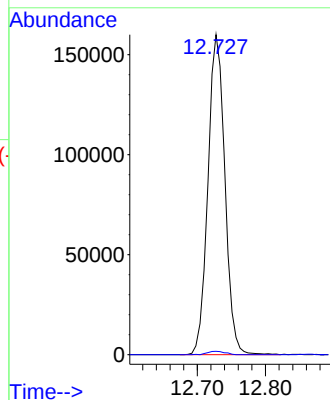
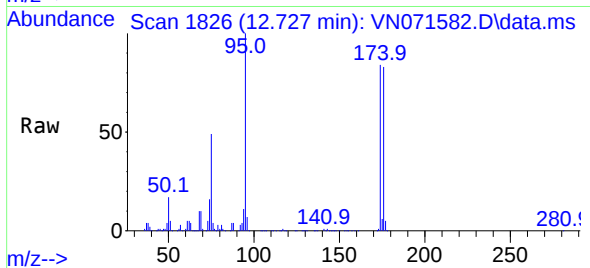




#76
1,2,3-Trichloropropane
Concen: 25.762 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

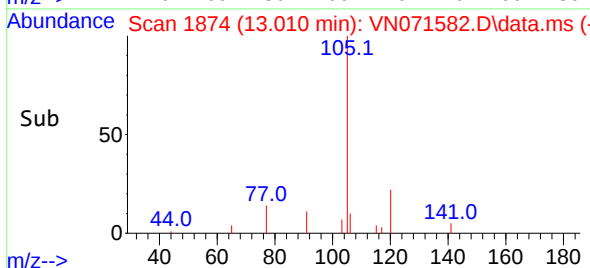
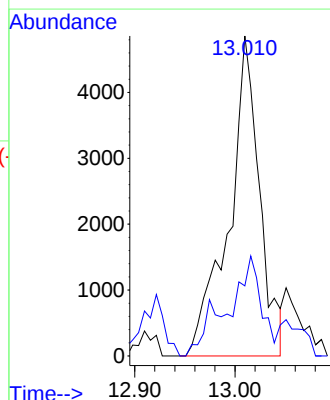
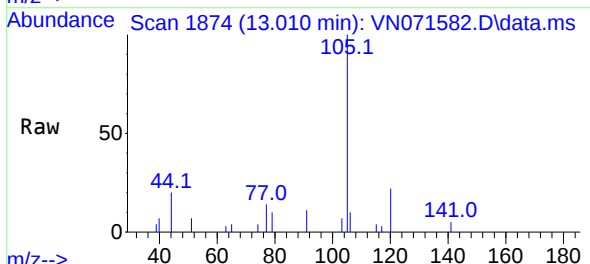
Instrument :
MSVOA_N
ClientSampleId :
MW-14

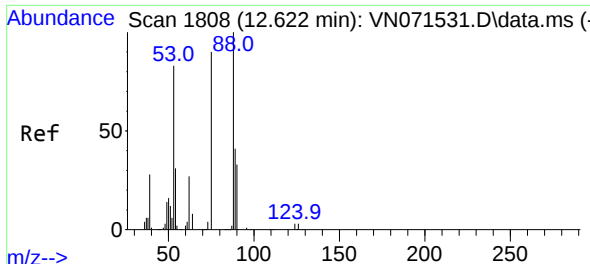
Tgt Ion: 75 Resp: 276952
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#80
1,3,5-Trimethylbenzene
Concen: 0.307 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. -0.047 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 105 Resp: 10301
Ion Ratio Lower Upper
105 100
120 25.6 24.9 74.7

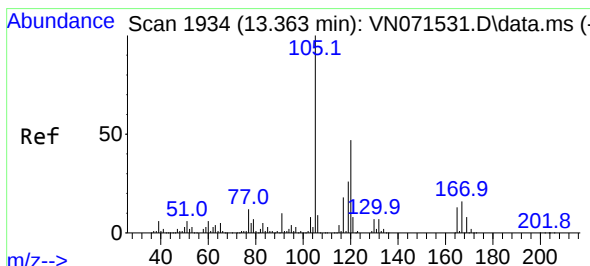
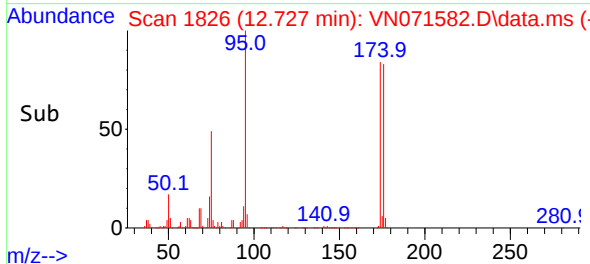
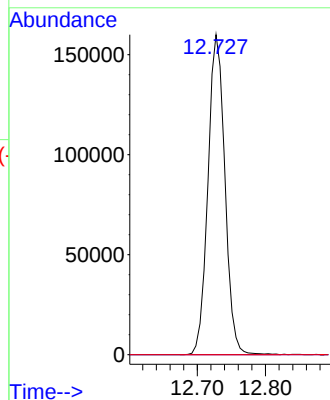
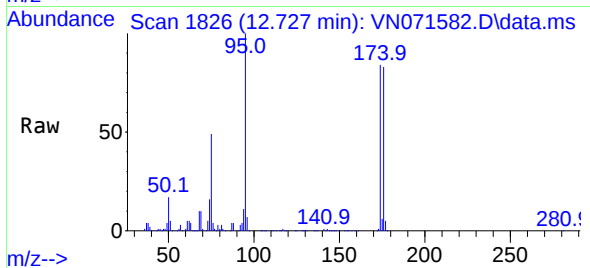




#81
trans-1,4-Dichloro-2-butene
Concen: 68.972 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

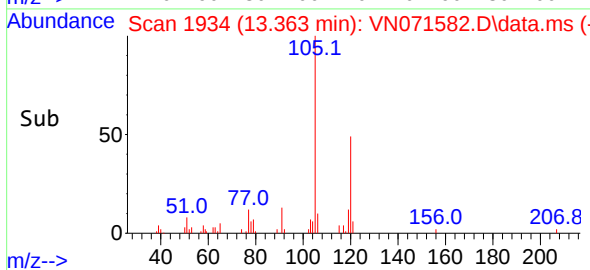
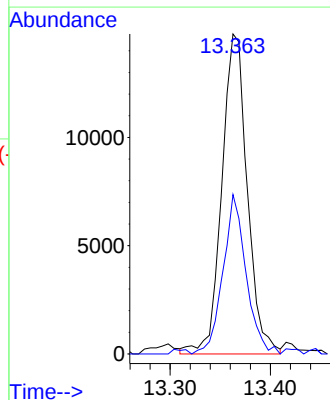
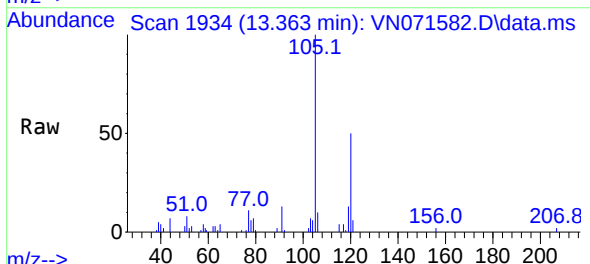
Instrument :
MSVOA_N
ClientSampleId :
MW-14

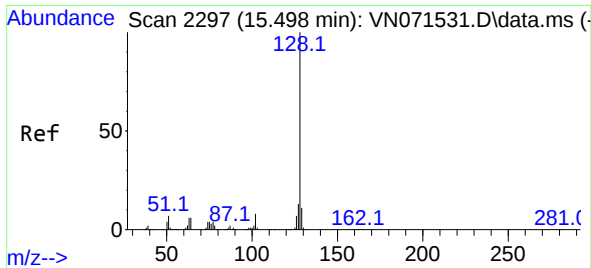
Tgt Ion: 75 Resp: 276952
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#84
1,2,4-Trimethylbenzene
Concen: 0.804 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Tgt Ion: 105 Resp: 26032
Ion Ratio Lower Upper
105 100
120 45.2 23.3 69.8





#95
Naphthalene
Concen: 4.896 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071582.D
Acq: 26 Mar 2022 19:02

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion:	128	Resp:	44082
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.3	15.5
129	10.0	8.6	13.0

