

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071842.D
 Acq On : 04 Apr 2022 19:29
 Operator : JC\MD
 Sample : N2197-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DEWATERING-EFFLUENT-033022

Quant Time: Apr 05 01:20:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

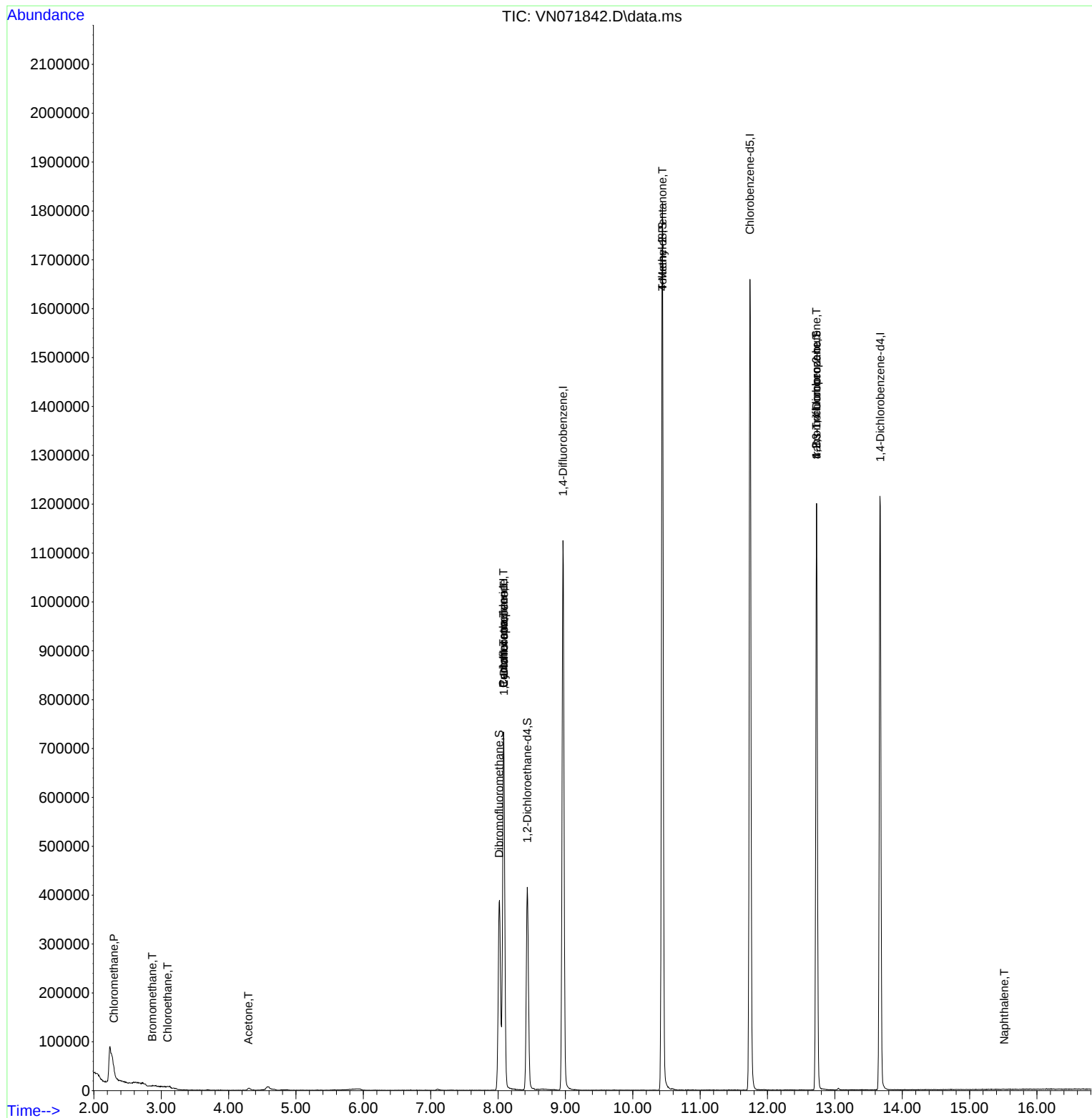
Internal Standards						
1) Pentafluorobenzene	8.081	168	610126	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1042932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1050479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	366753	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	340078	48.825	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.640%		
35) Dibromofluoromethane	8.016	113	297746	48.516	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.040%		
50) Toluene-d8	10.439	98	1298668	51.729	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.460%		
62) 4-Bromofluorobenzene	12.727	95	425167	52.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.720%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	2400	0.390	ug/l #	73
5) Bromomethane	2.869	94	1414	0.322	ug/l #	76
6) Chloroethane	3.093	64	1212	0.250	ug/l #	83
16) Acetone	4.293	43	5601	1.882	ug/l	89
18) Methyl Acetate	4.875	43	1599	Below Cal	#	67
31) Cyclohexane	8.081	56	10129	1.069	ug/l #	1
36) 1,1-Dichloropropene	8.087	75	41171	4.804	ug/l #	48
38) Carbon Tetrachloride	8.081	117	54438	6.481	ug/l #	16
51) 4-Methyl-2-Pentanone	10.439	43	4288	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.727	75	202315	23.813	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	202315	73.795	ug/l #	10
95) Naphthalene	15.515	128	232	3.816	ug/l #	69

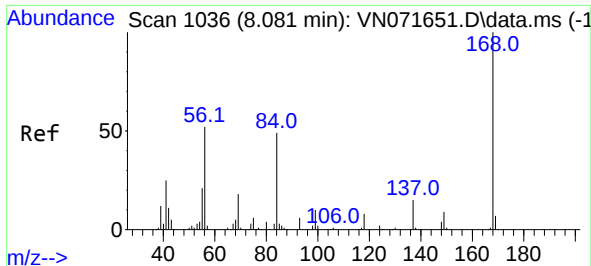
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
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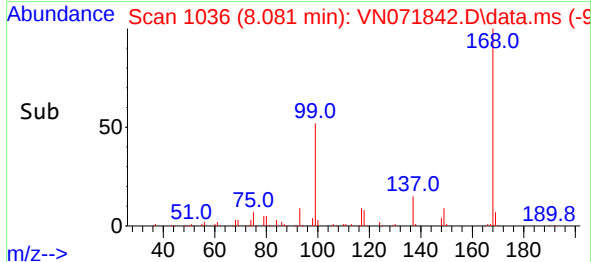
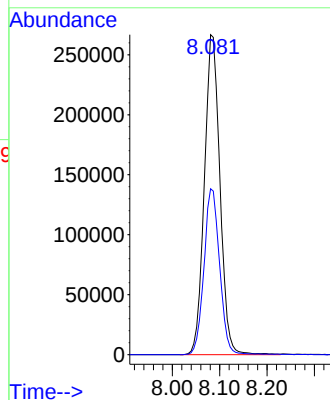
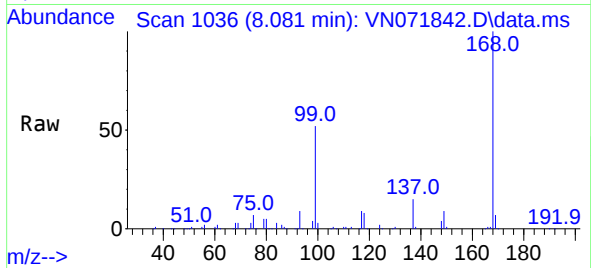




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

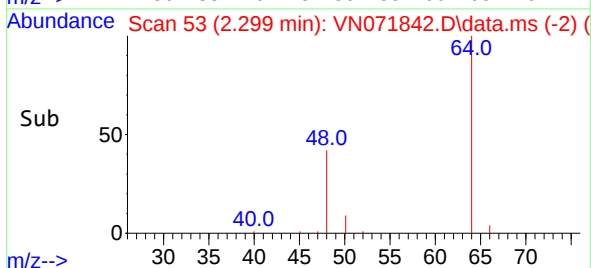
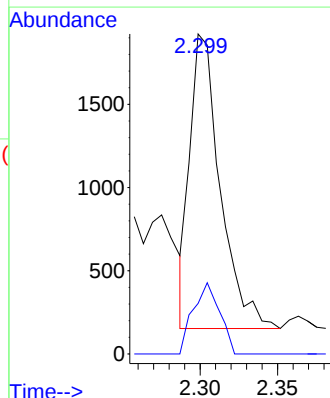
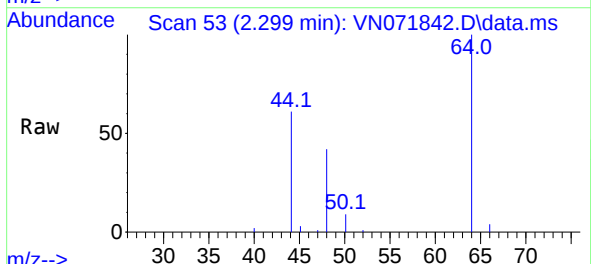
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFFLUENT-033022

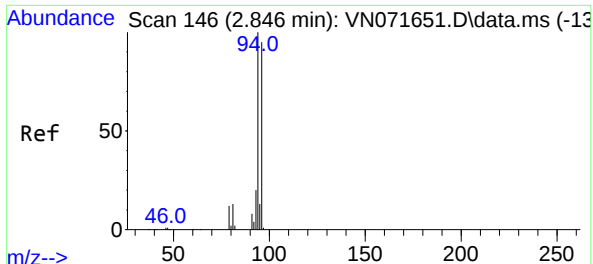
Tgt Ion:168 Resp: 610126
Ion Ratio Lower Upper
168 100
99 51.8 42.3 63.5



#3
Chloromethane
Concen: 0.390 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 50 Resp: 2400
Ion Ratio Lower Upper
50 100
52 17.2 25.7 38.5#

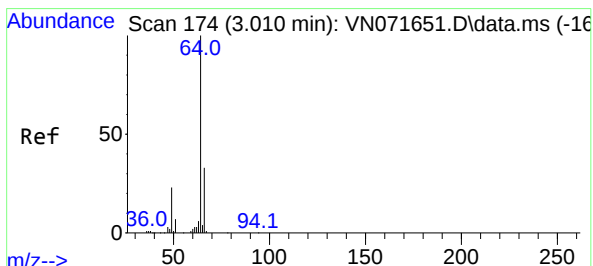
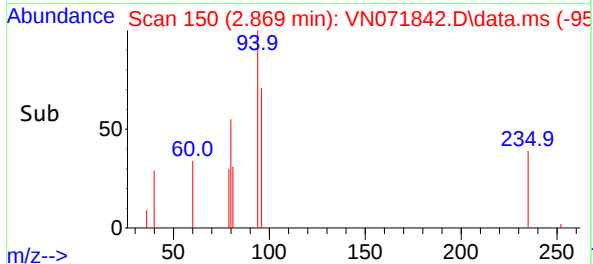
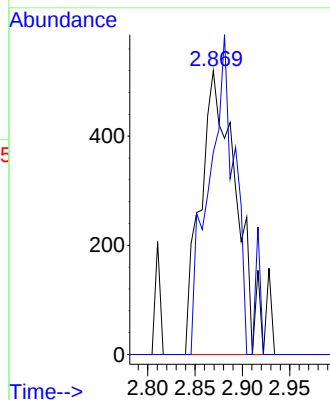
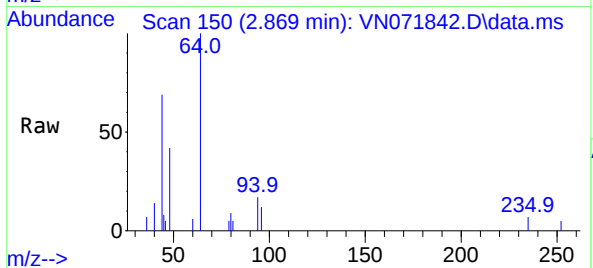




#5
Bromomethane
Concen: 0.322 ug/l
RT: 2.869 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

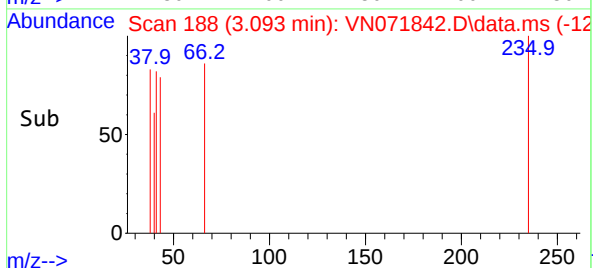
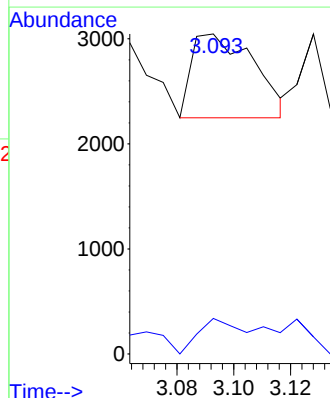
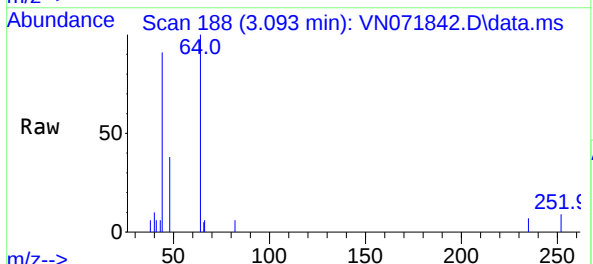
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFFLUENT-033022

Tgt Ion: 94 Resp: 1414
Ion Ratio Lower Upper
94 100
96 71.3 76.0 114.0#



#6
Chloroethane
Concen: 0.250 ug/l
RT: 3.093 min Scan# 188
Delta R.T. 0.083 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 64 Resp: 1212
Ion Ratio Lower Upper
64 100
66 42.5 26.2 39.4#

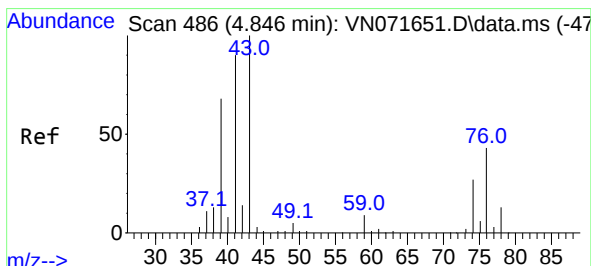
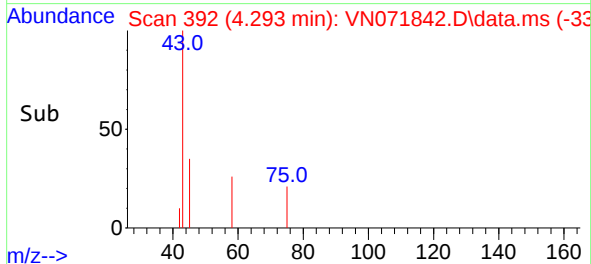
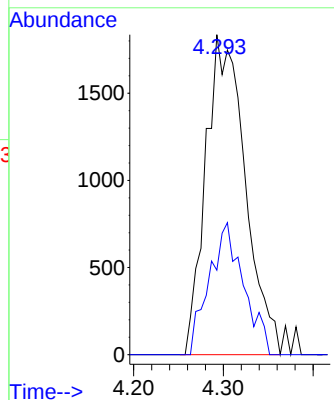
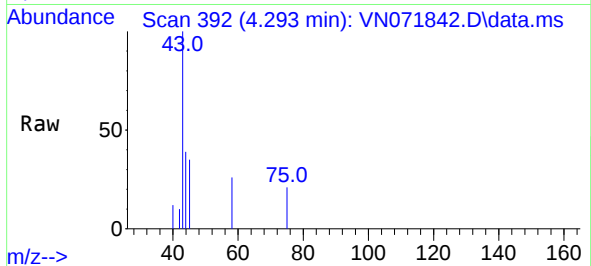




#16
Acetone
Concen: 1.882 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

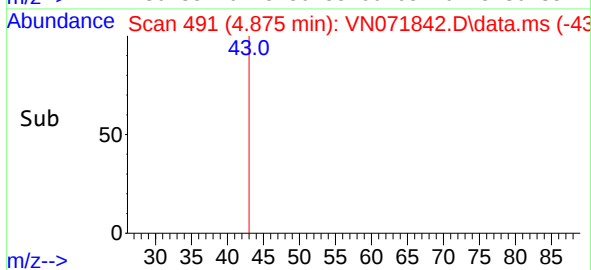
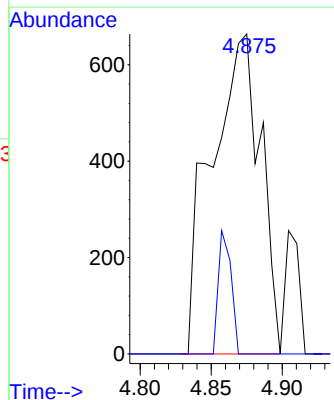
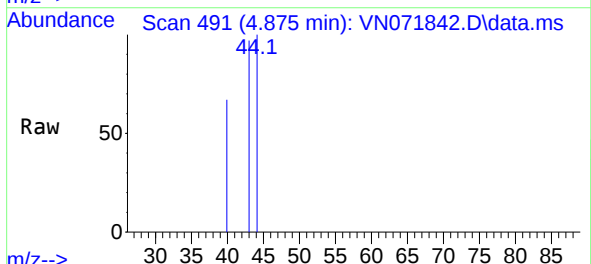
Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFFLUENT-033022

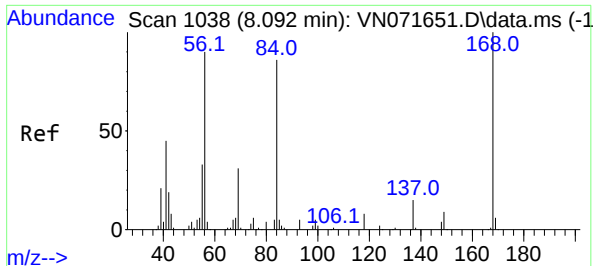
Tgt Ion: 43 Resp: 5601
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.875 min Scan# 491
Delta R.T. 0.029 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 43 Resp: 1599
Ion Ratio Lower Upper
43 100
74 9.9 21.6 32.4#

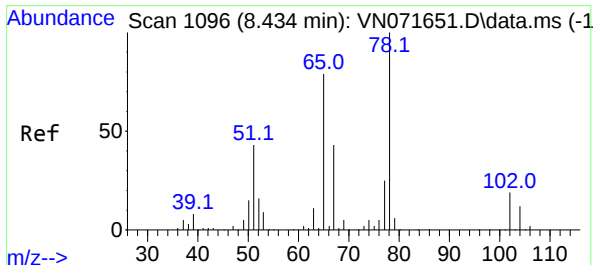
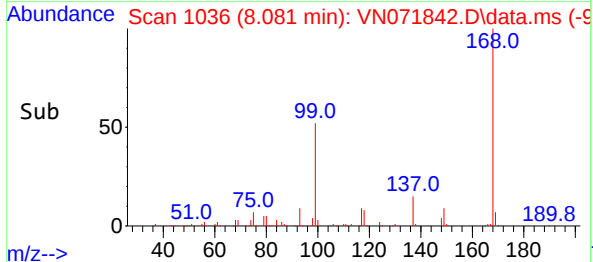
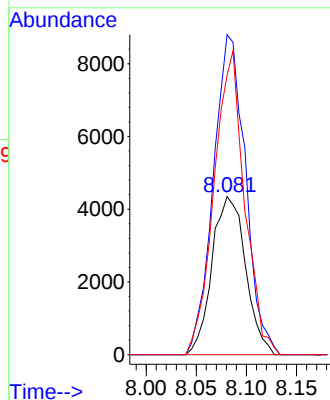
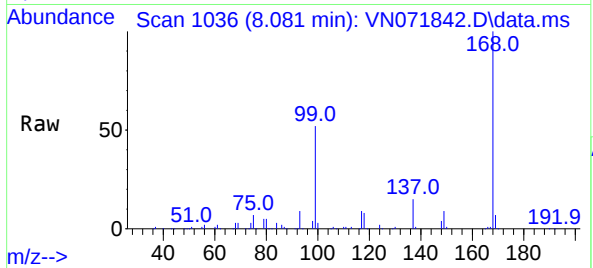




#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

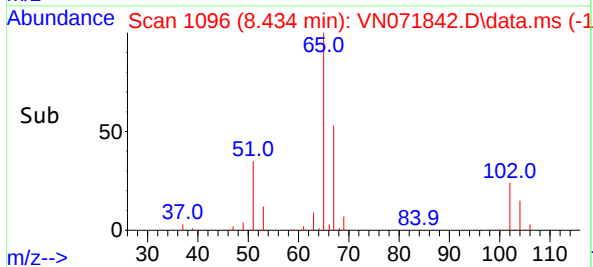
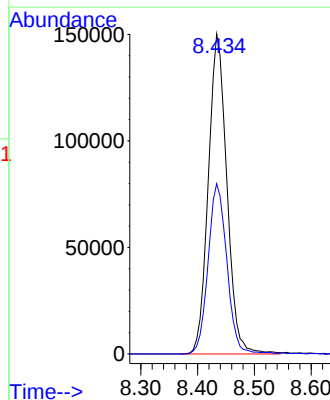
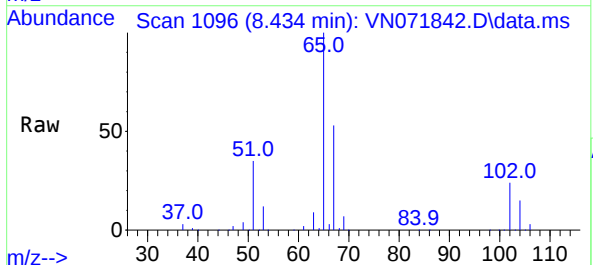
Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFFLUENT-033022

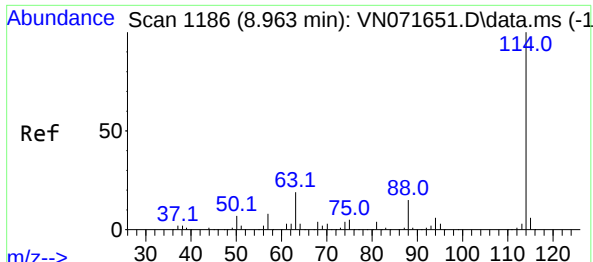
Tgt Ion: 56 Resp: 10129
Ion Ratio Lower Upper
56 100
69 202.5 27.8 41.8#
84 176.8 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 48.825 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 65 Resp: 340078
Ion Ratio Lower Upper
65 100
67 53.8 0.0 104.8



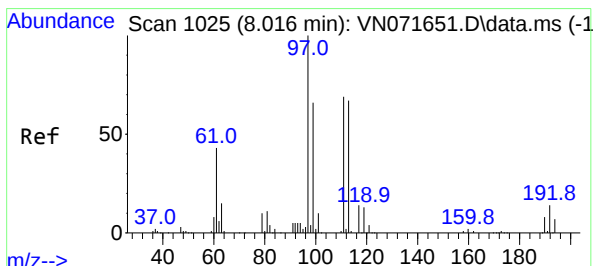
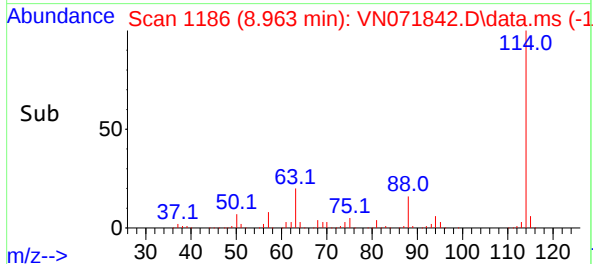
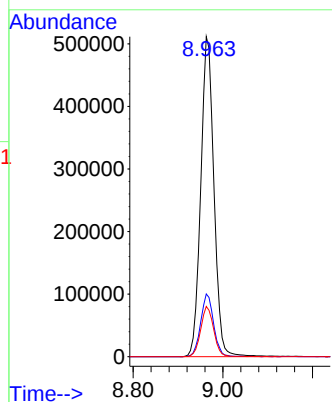
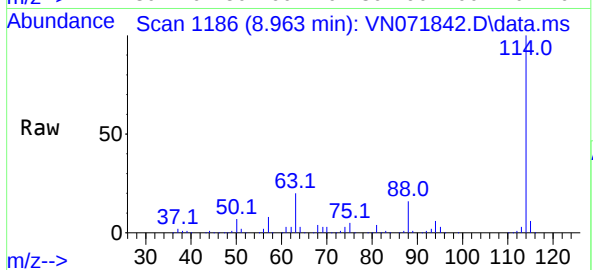


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFFLUENT-033022

Tgt Ion:114 Resp: 1042932

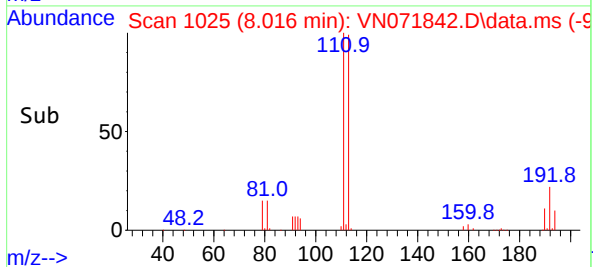
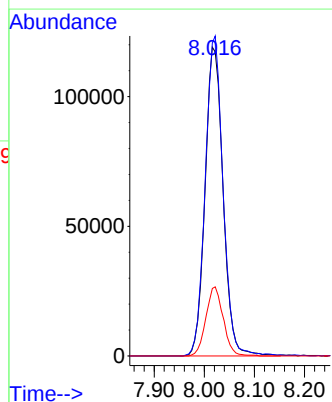
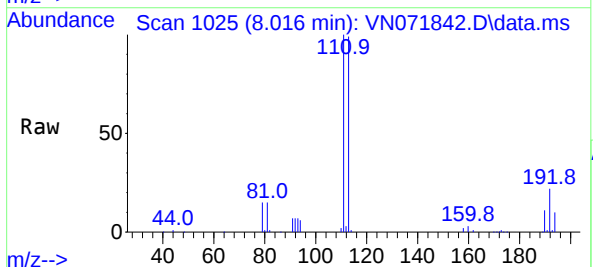
Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.0
88	15.7	0.0	32.6

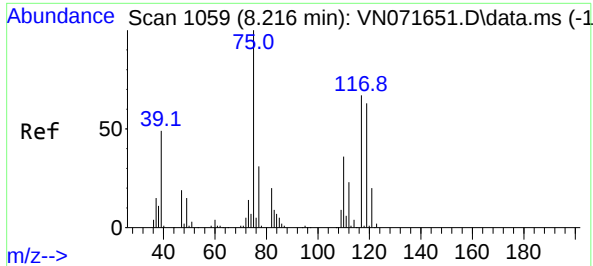


#35
Dibromofluoromethane
Concen: 48.516 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion:113 Resp: 297746

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.4	122.0
192	21.6	17.0	25.6

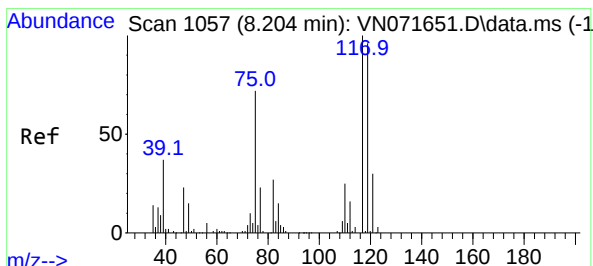
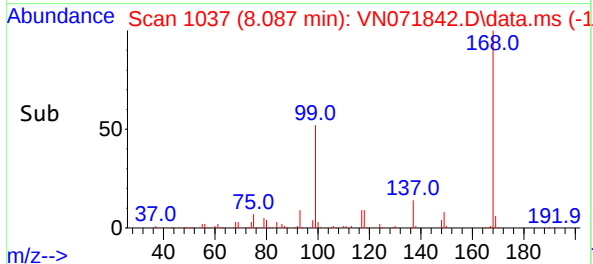
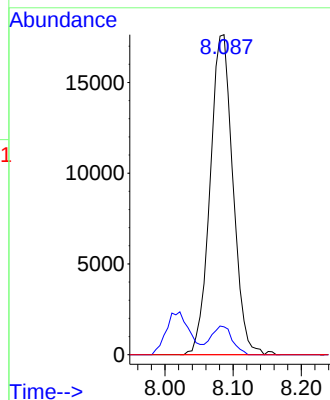
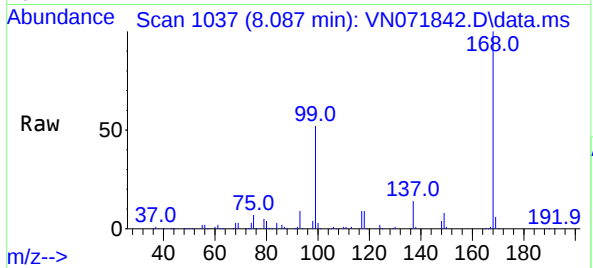




#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.129 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

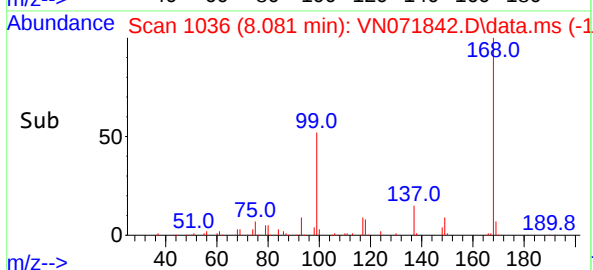
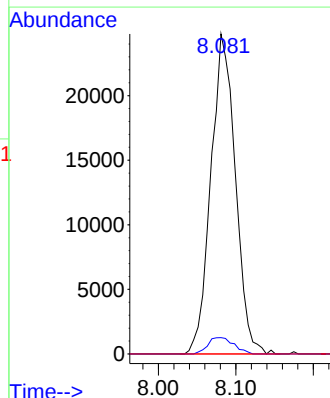
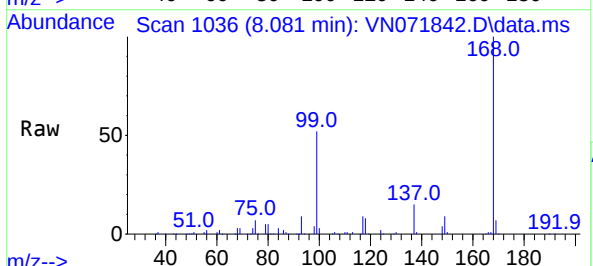
Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFFLUENT-033022

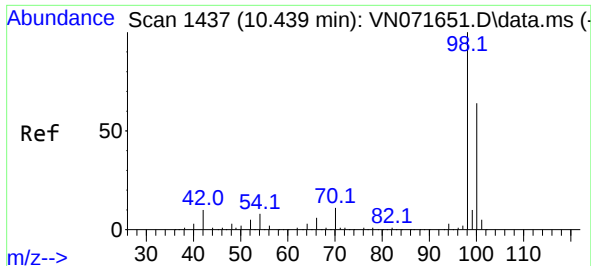
Tgt Ion: 75 Resp: 41171
Ion Ratio Lower Upper
75 100
110 8.6 18.3 54.8#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 6.481 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.123 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 117 Resp: 54438
Ion Ratio Lower Upper
117 100
119 5.1 75.8 113.8#
121 0.0 24.6 37.0#

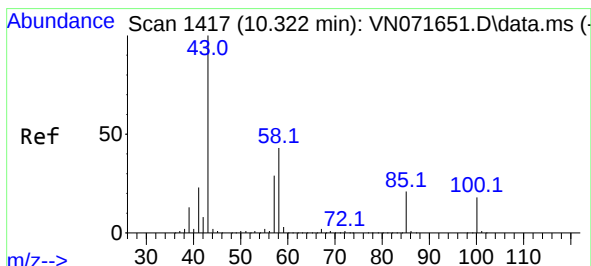
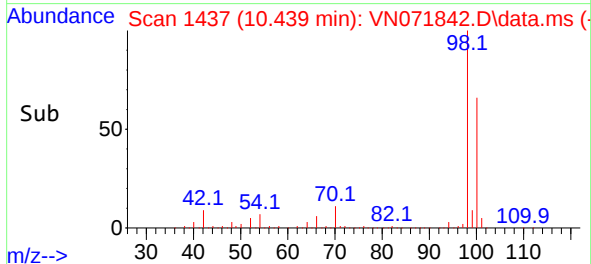
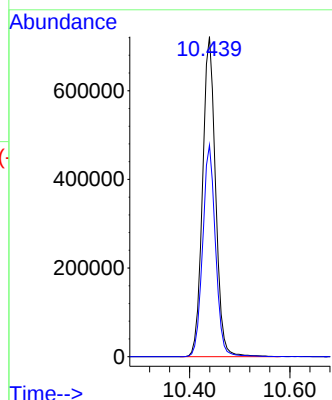
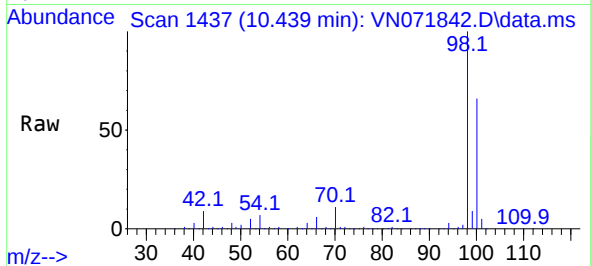




#50
Toluene-d8
Concen: 51.729 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

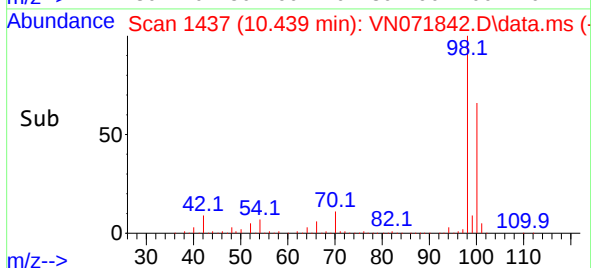
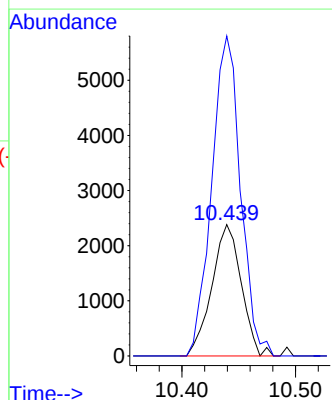
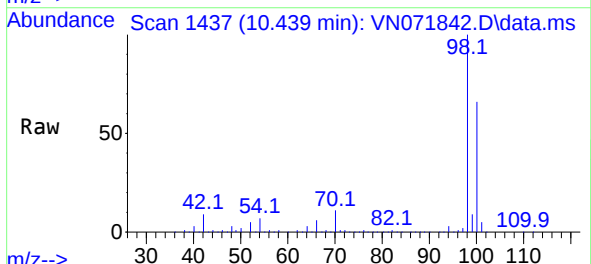
Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFFLUENT-033022

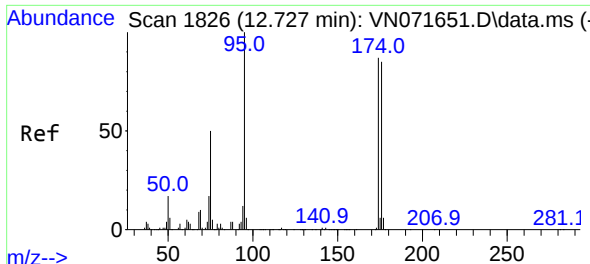
Tgt Ion: 98 Resp: 1298668
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.478 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.117 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 43 Resp: 4288
Ion Ratio Lower Upper
43 100
58 238.7 34.1 51.1#

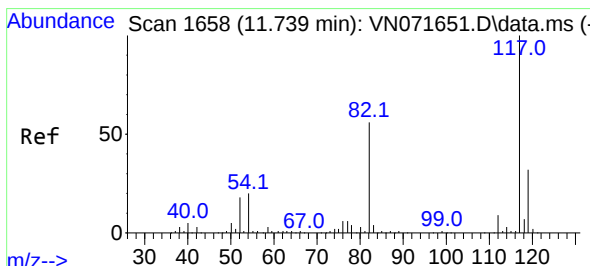
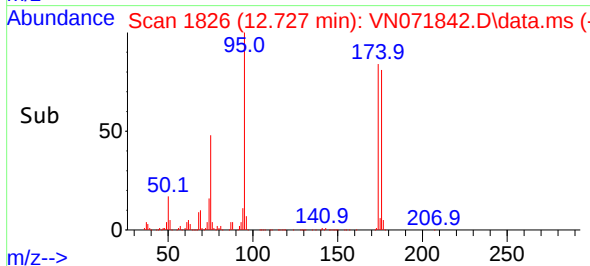
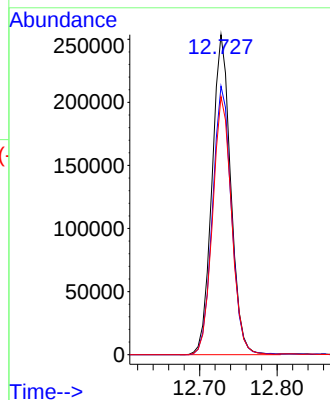
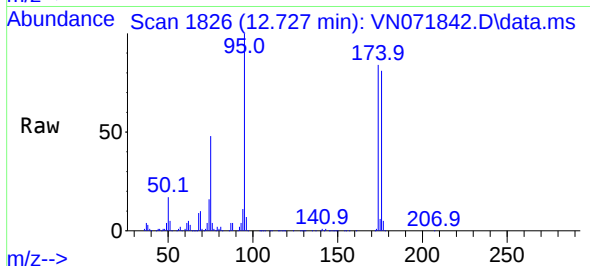




#62
4-Bromofluorobenzene
Concen: 52.364 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

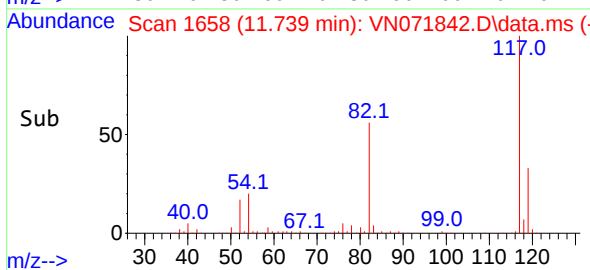
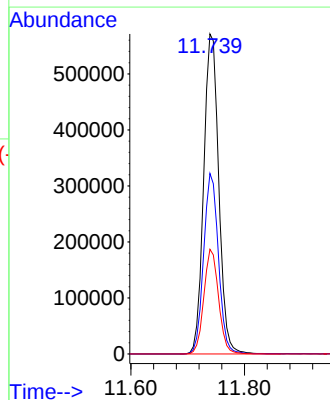
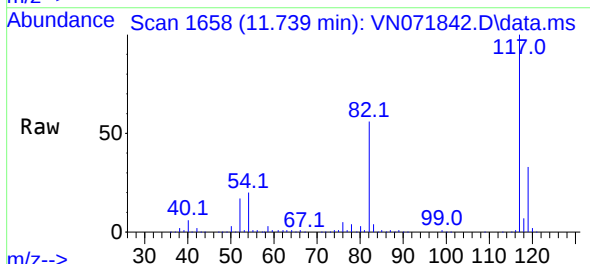
Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFFLUENT-033022

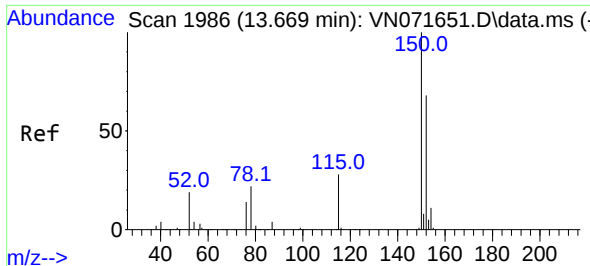
Tgt Ion: 95 Resp: 425167
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 81.5 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 117 Resp: 1050479
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 32.7 25.4 38.0

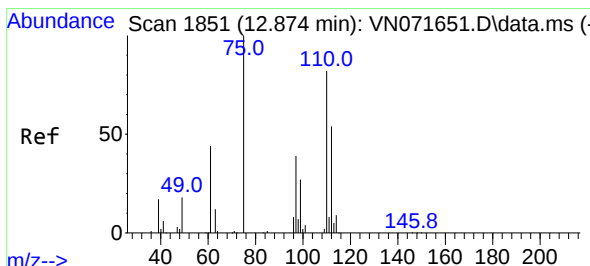
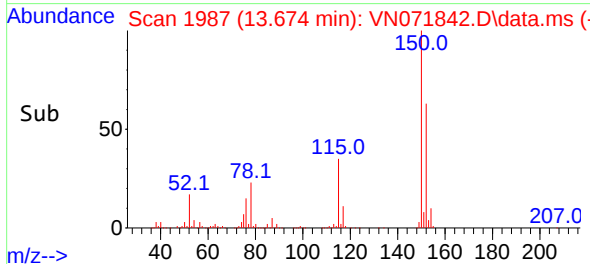
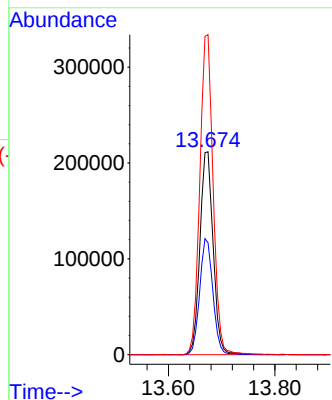
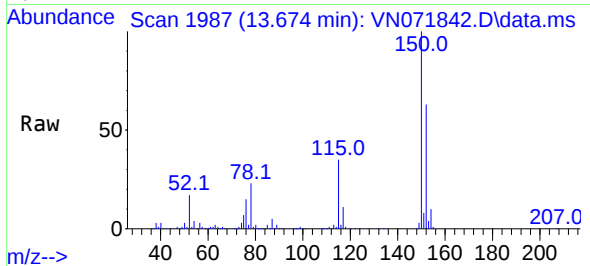




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.005 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

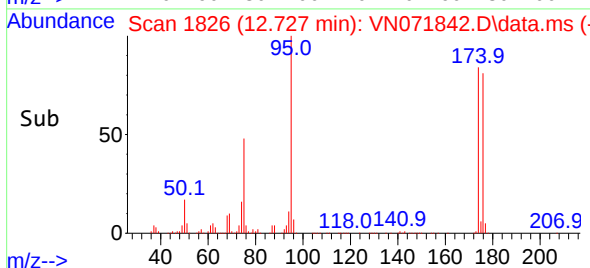
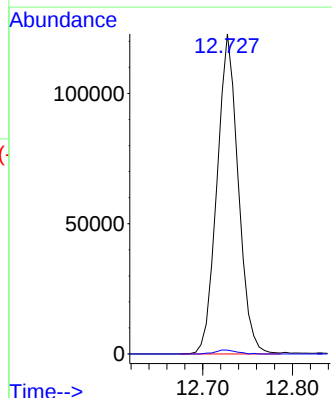
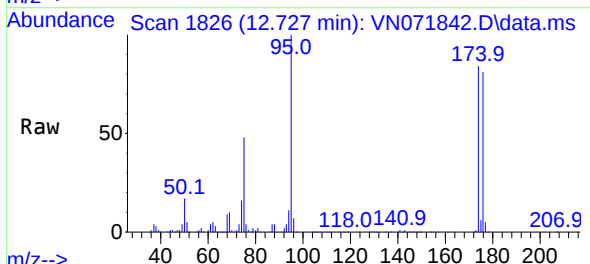
Instrument : MSVOA_N
ClientSampleId : DEWATERING-EFFLUENT-033022

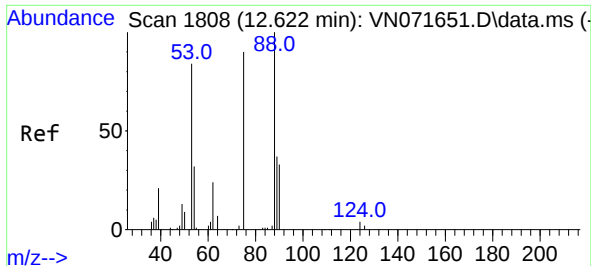
Tgt Ion:152 Resp: 366753
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 157.8 0.0 356.2



#76
1,2,3-Trichloropropane
Concen: 23.813 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 75 Resp: 202315
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

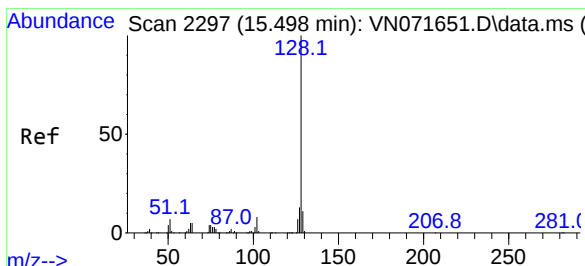
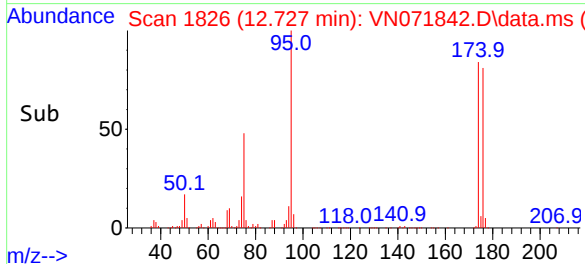
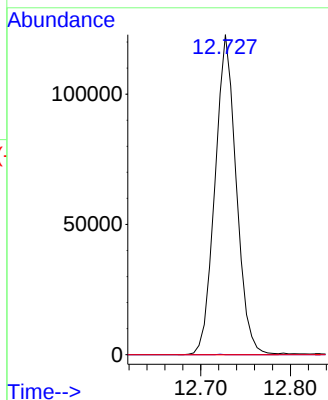
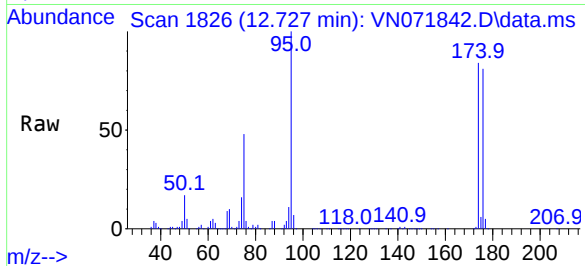




#81
trans-1,4-Dichloro-2-butene
Concen: 73.795 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.105 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Instrument :
MSVOA_N
ClientSampleId :
DEWATERING-EFFLUENT-033022

Tgt Ion: 75 Resp: 202315
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 3.816 ug/l
RT: 15.515 min Scan# 2300
Delta R.T. 0.018 min
Lab File: VN071842.D
Acq: 04 Apr 2022 19:29

Tgt Ion: 128 Resp: 232
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#

