

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081524\
 Data File : VN083334.D
 Acq On : 15 Aug 2024 16:24
 Operator : JC\MD
 Sample : P3622-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 028-OUTFALL

Quant Time: Aug 16 01:53:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	126154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117363	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	107405	59.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 119.620%	
35) Dibromofluoromethane	8.165	113	84972	54.218	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.440%	
50) Toluene-d8	10.571	98	312176	53.399	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.800%	
62) 4-Bromofluorobenzene	12.853	95	129941	57.013	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 114.020%	

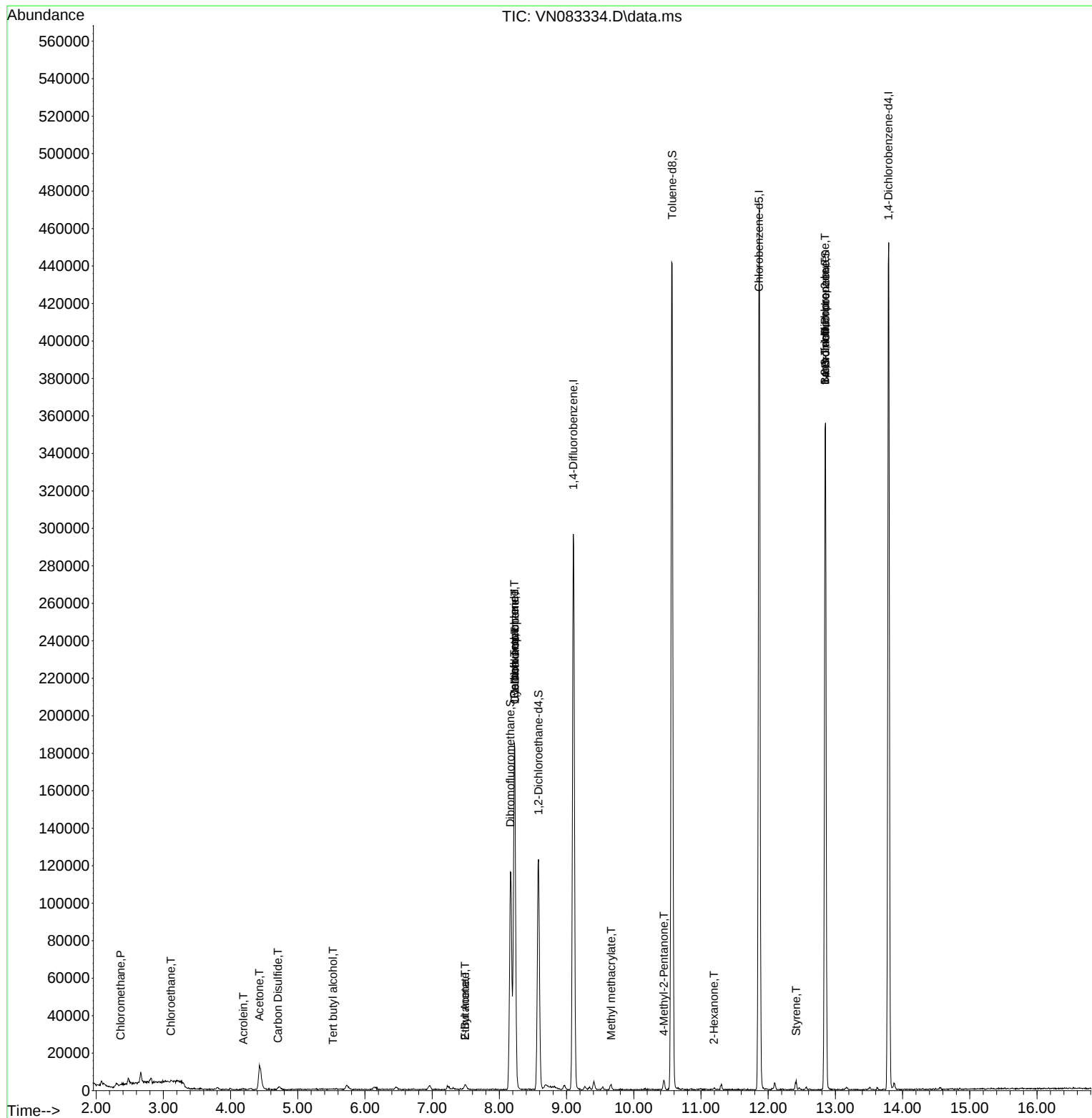
Target Compounds				Qvalue		
3) Chloromethane	2.365	50	384	0.262	ug/l #	43
6) Chloroethane	3.112	64	220	0.235	ug/l #	41
11) Tert butyl alcohol	5.524	59	137	0.367	ug/l #	71
13) Acrolein	4.189	56	505	2.076	ug/l	84
16) Acetone	4.430	43	25402	36.152	ug/l	100
17) Carbon Disulfide	4.706	76	904	0.221	ug/l #	75
25) 2-Butanone	7.488	43	5068	4.697	ug/l	95
31) Cyclohexane	8.229	56	3179	1.195	ug/l #	13
36) 1,1-Dichloropropene	8.229	75	11660	4.918	ug/l #	52
37) Ethyl Acetate	7.488	43	5068	1.909	ug/l #	72
38) Carbon Tetrachloride	8.224	117	14598	5.467	ug/l #	16
43) Isopropyl Acetate	8.700	43	3721	Below Cal	#	60
48) Methyl methacrylate	9.665	41	735	0.335	ug/l #	54
51) 4-Methyl-2-Pentanone	10.447	43	3685	1.468	ug/l	96
59) 2-Hexanone	11.194	43	579	0.298	ug/l	78
70) Styrene	12.417	104	2572	0.392	ug/l	95
71) Bromoform	12.847	173	739	0.479	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	70714	27.453	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	70714	59.717	ug/l #	6

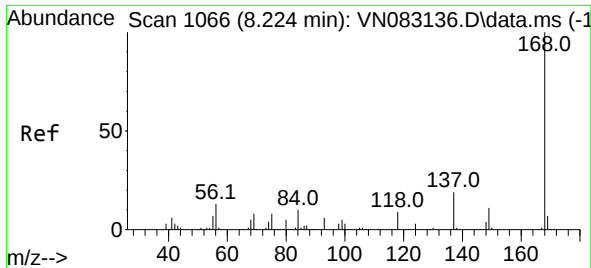
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

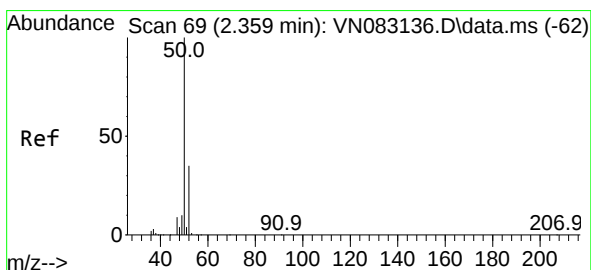
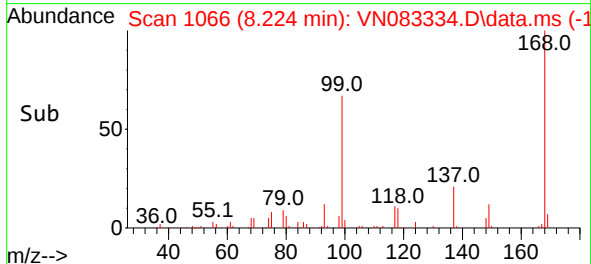
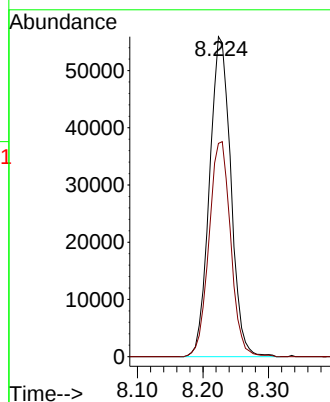
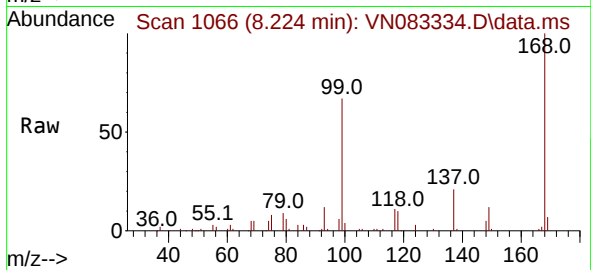




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

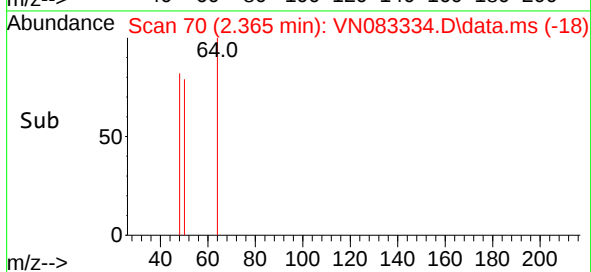
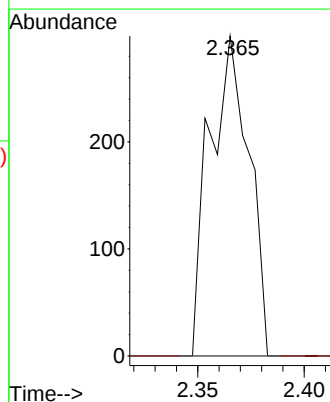
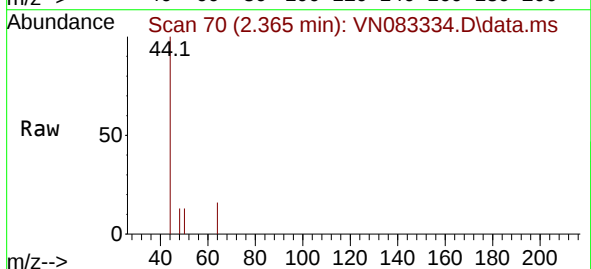
Instrument :
MSVOA_N
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028-OUTFALL

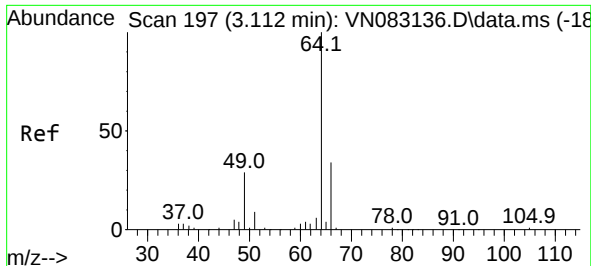
Tgt Ion:168 Resp: 126154
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion: 50 Resp: 384
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

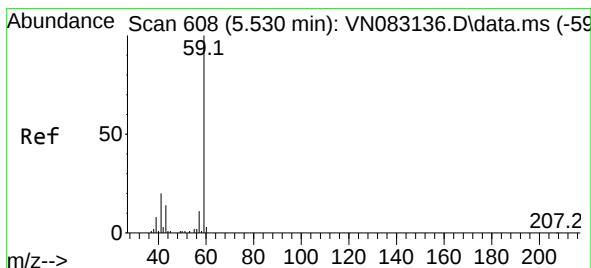
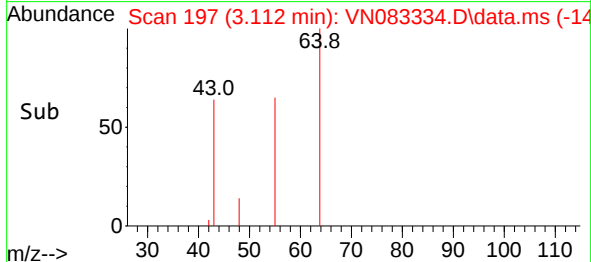
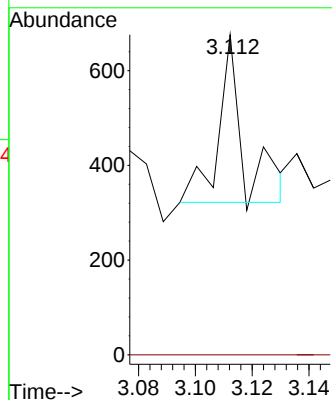
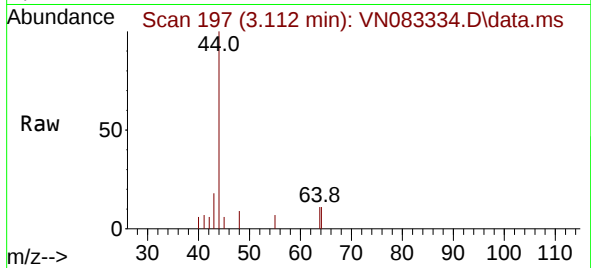




#6
Chloroethane
Concen: 0.235 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

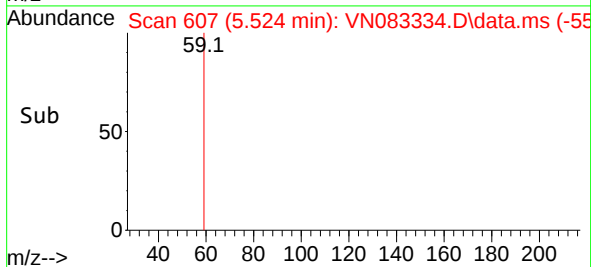
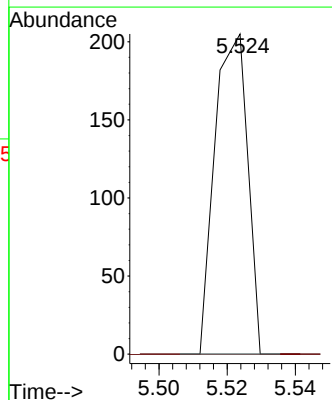
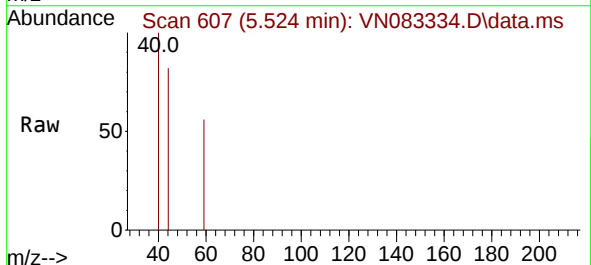
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

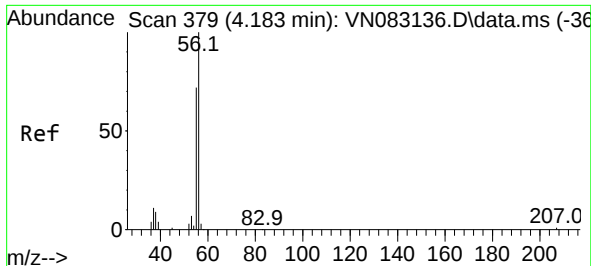
Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 26.6 40.0#



#11
Tert butyl alcohol
Concen: 0.367 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3#

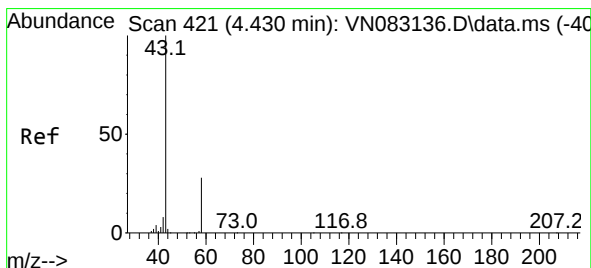
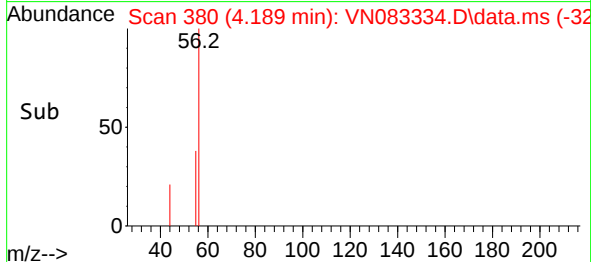
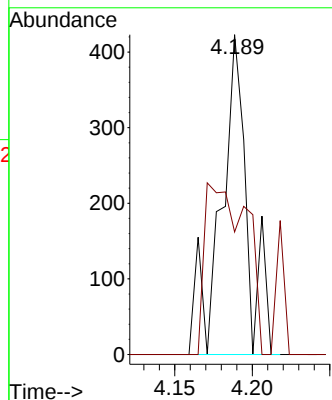
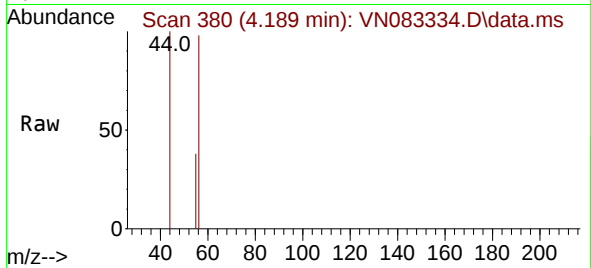




#13
Acrolein
Concen: 2.076 ug/l
RT: 4.189 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

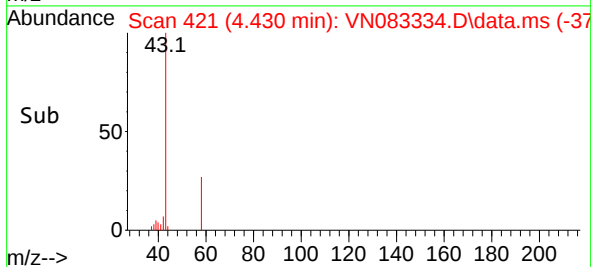
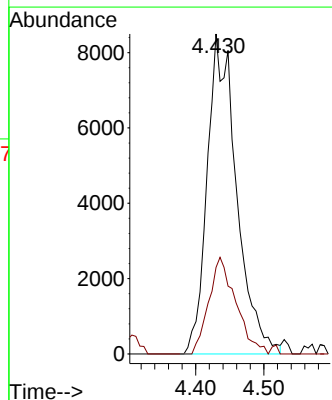
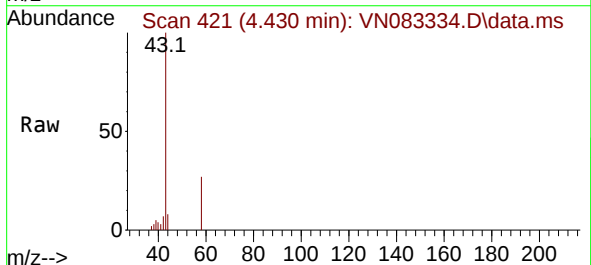
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

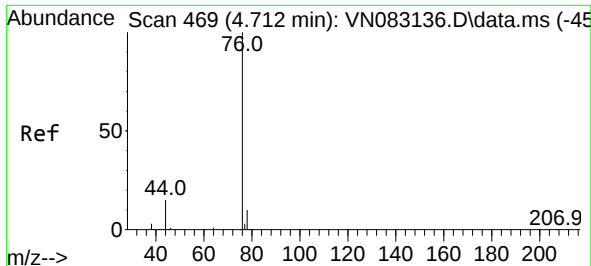
Tgt Ion: 56 Resp: 505
Ion Ratio Lower Upper
56 100
55 83.8 56.4 84.6



#16
Acetone
Concen: 36.152 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion: 43 Resp: 25402
Ion Ratio Lower Upper
43 100
58 27.1 21.8 32.6

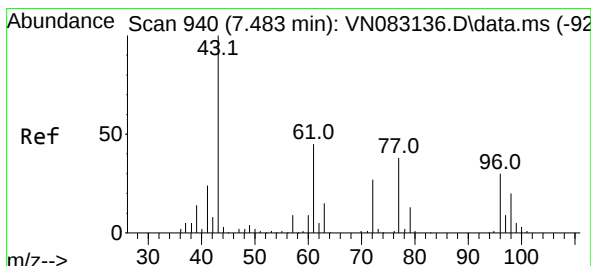
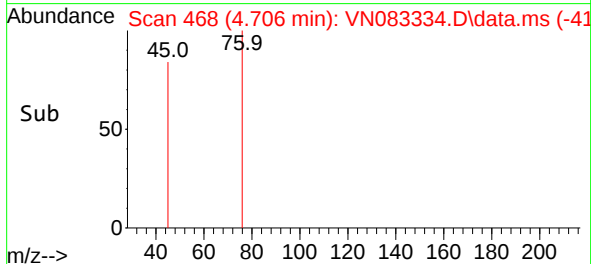
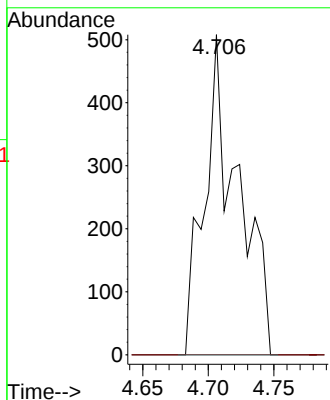
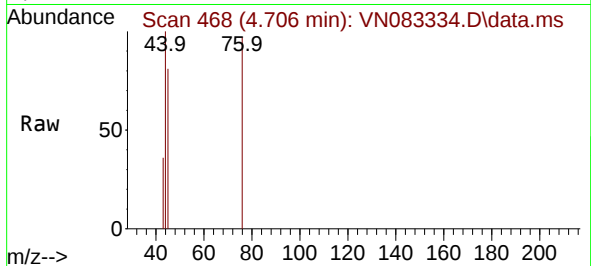




#17
Carbon Disulfide
Concen: 0.221 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

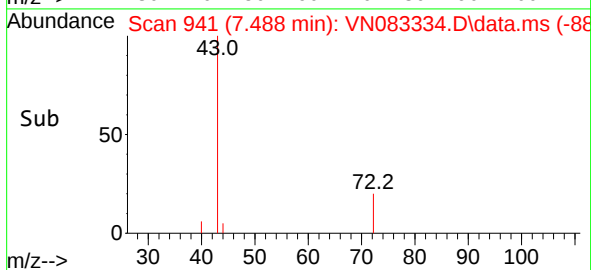
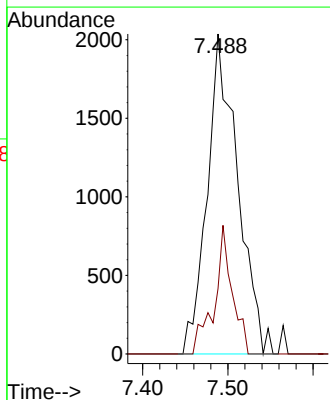
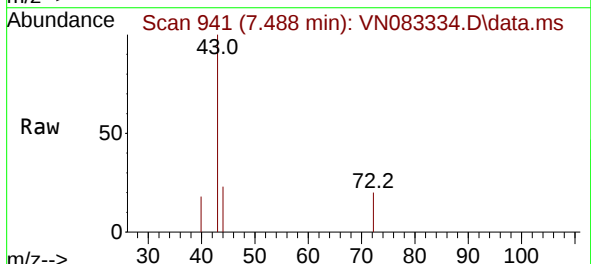
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

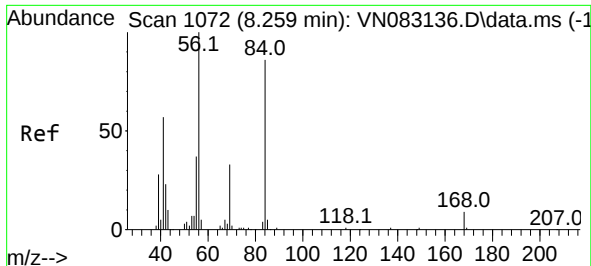
Tgt Ion: 76 Resp: 904
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#25
2-Butanone
Concen: 4.697 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

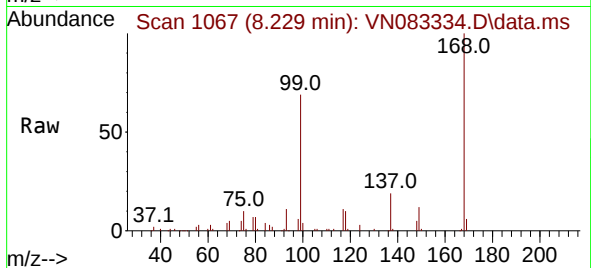
Tgt Ion: 43 Resp: 5068
Ion Ratio Lower Upper
43 100
72 20.5 18.2 27.2



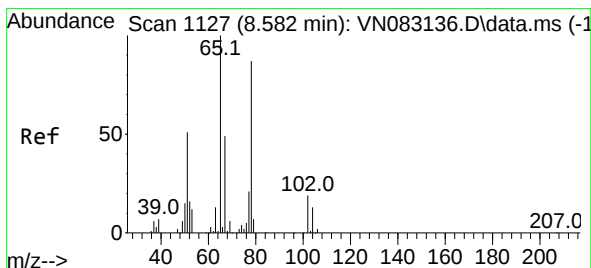
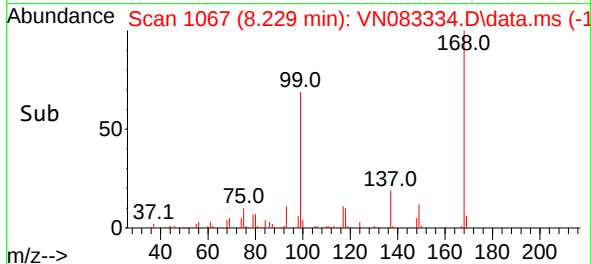
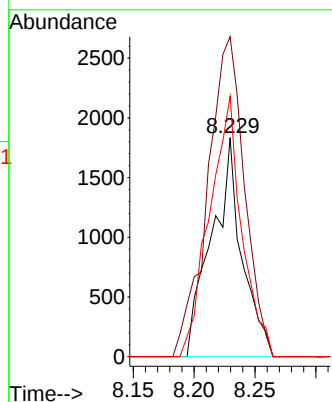


#31
Cyclohexane
Concen: 1.195 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

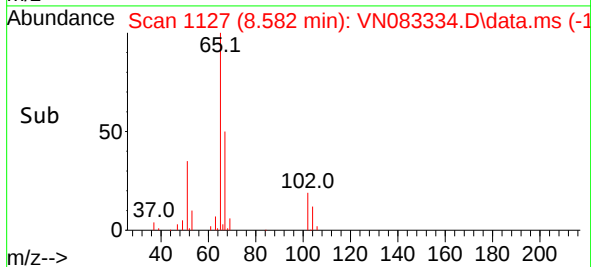
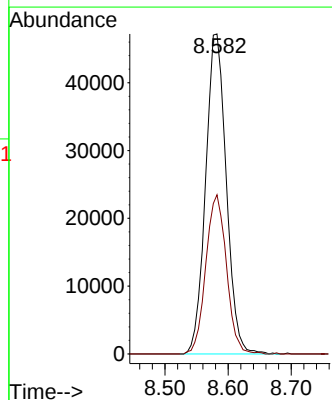
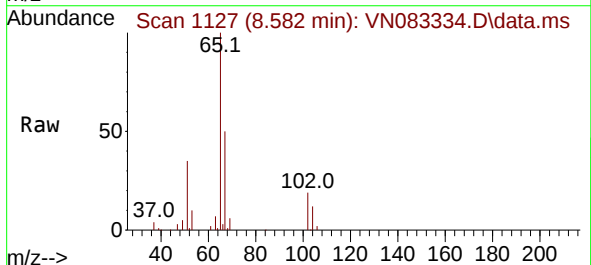


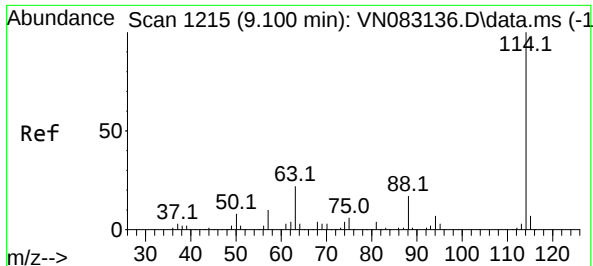
Tgt Ion	Ratio	Lower	Upper
56	100		
69	146.0	24.5	36.7#
84	118.9	66.0	99.0#



#33
1,2-Dichloroethane-d4
Concen: 59.814 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion	Ratio	Lower	Upper
65	100		
67	49.7	0.0	104.4

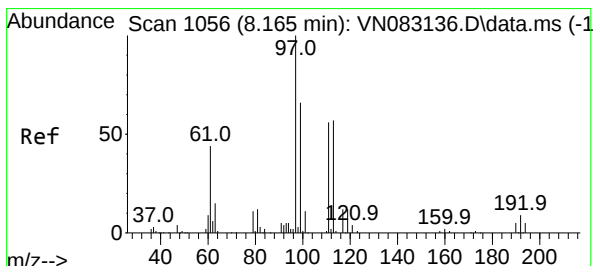
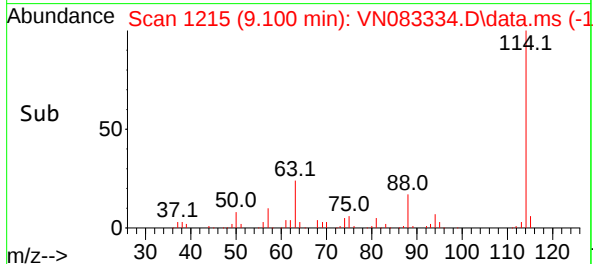
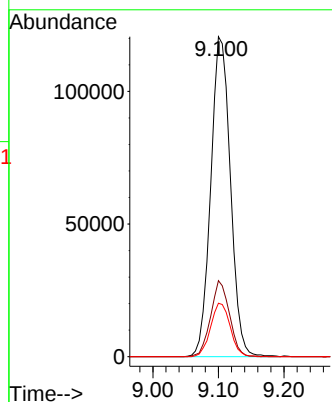
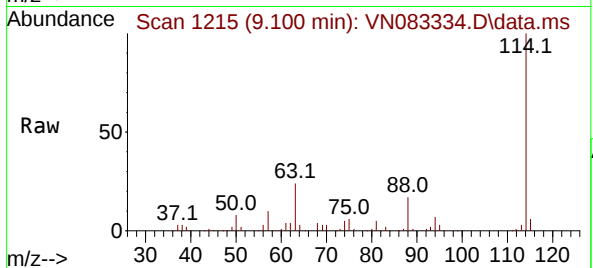




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

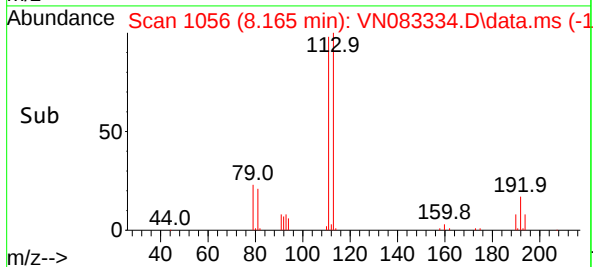
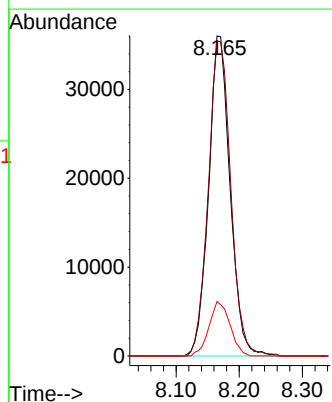
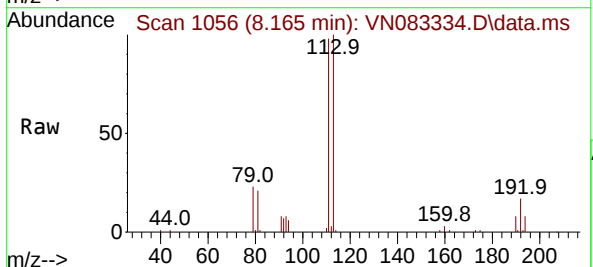
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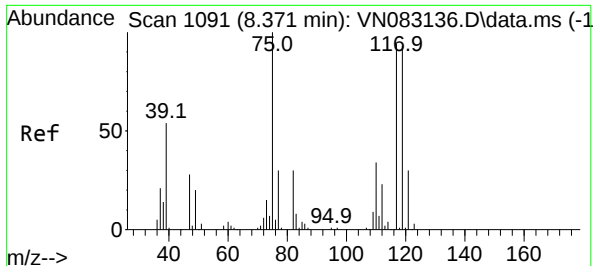
Tgt Ion:114 Resp: 251087
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.6
88 16.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 54.218 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion:113 Resp: 84972
Ion Ratio Lower Upper
113 100
111 103.1 82.4 123.6
192 16.6 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.918 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN083334.D

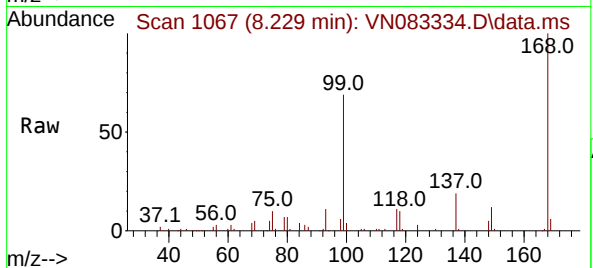
Acq: 15 Aug 2024 16:24

Instrument :

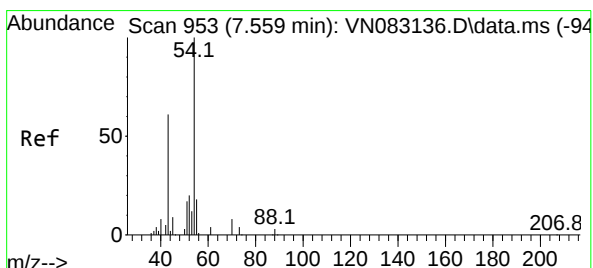
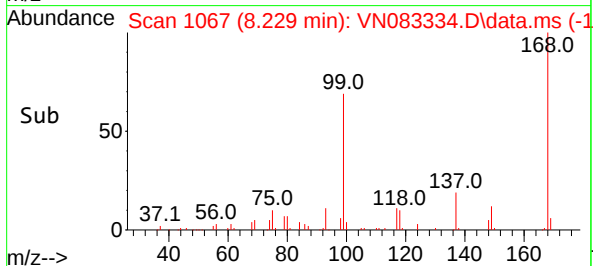
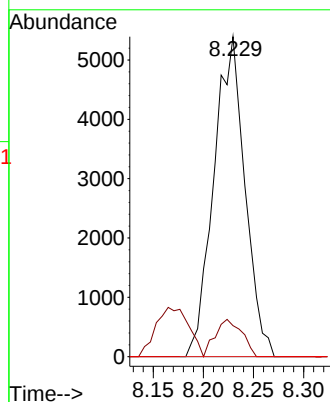
MSVOA_N

ClientSampleId :

028-OUTFALL



Tgt Ion:	75	Resp:	11660
Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.3	48.9#
77	0.0	24.6	37.0#



#37

Ethyl Acetate

Concen: 1.909 ug/l

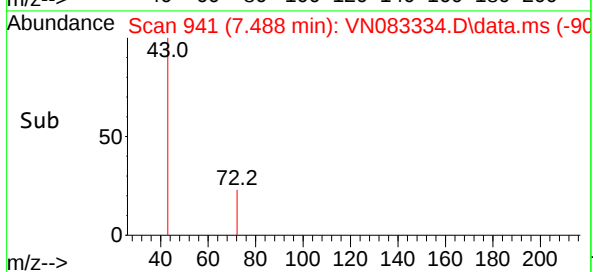
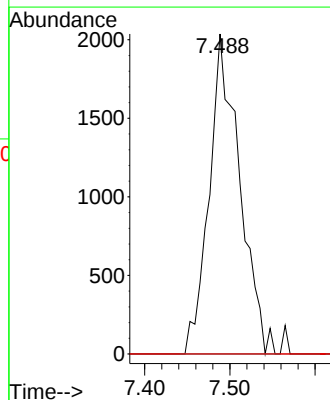
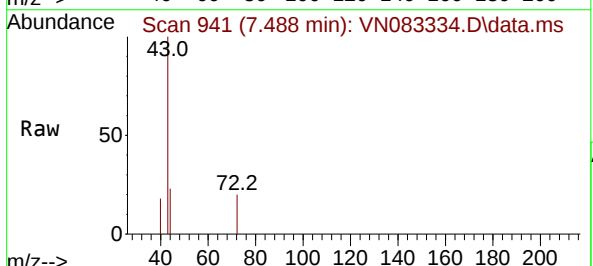
RT: 7.488 min Scan# 941

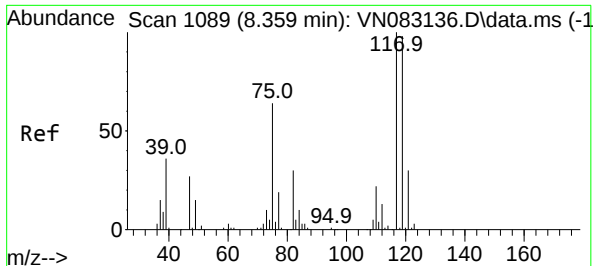
Delta R.T. -0.071 min

Lab File: VN083334.D

Acq: 15 Aug 2024 16:24

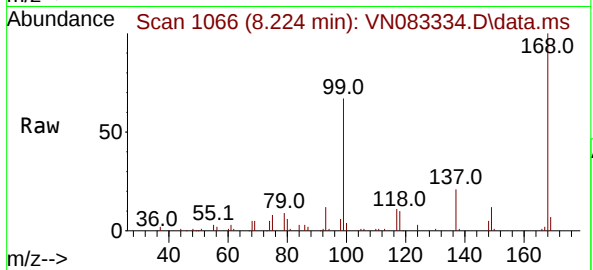
Tgt Ion:	43	Resp:	5068
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.3	13.9#
70	0.0	7.0	10.6#



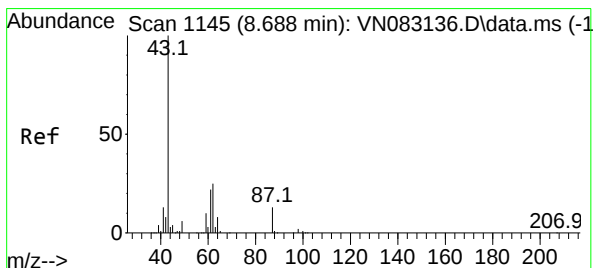
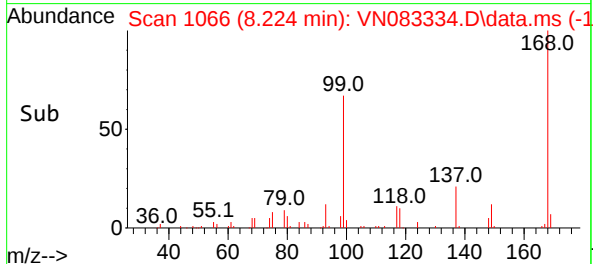
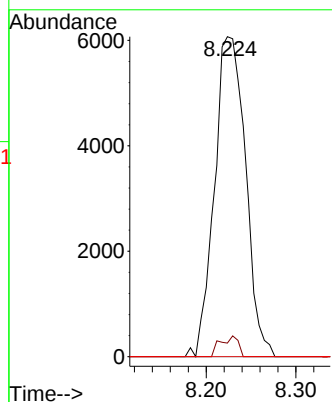


#38
Carbon Tetrachloride
Concen: 5.467 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

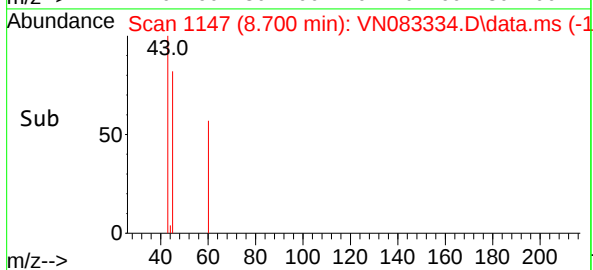
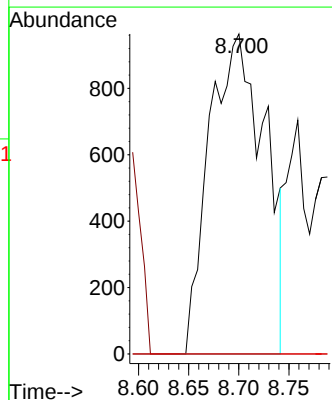
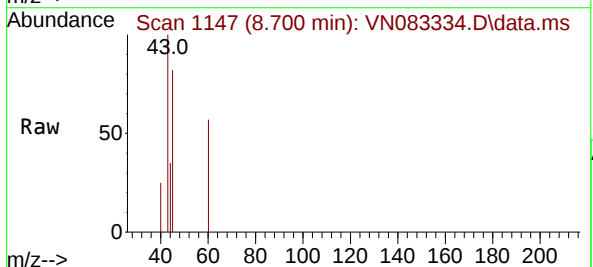


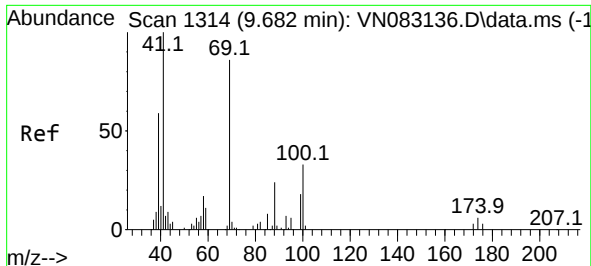
Tgt Ion:117 Resp: 14598
Ion Ratio Lower Upper
117 100
119 4.2 74.9 112.3#
121 0.0 24.3 36.5#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion: 43 Resp: 3721
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#





#48

Methyl methacrylate

Concen: 0.335 ug/l

RT: 9.665 min Scan# 1

Delta R.T. -0.018 min

Lab File: VN083334.D

Acq: 15 Aug 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

028-OUTFALL

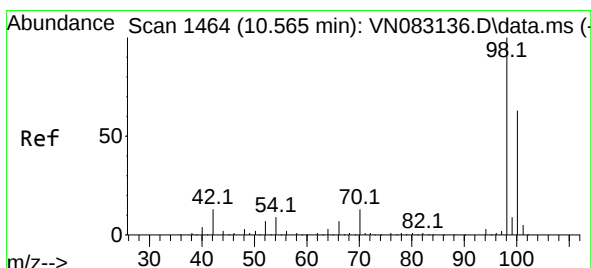
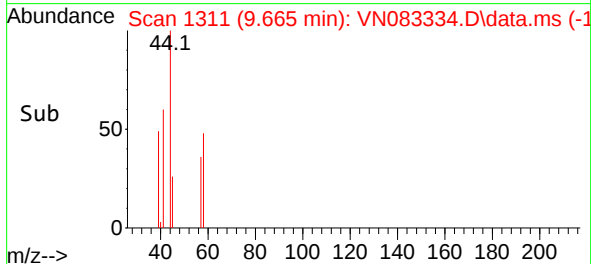
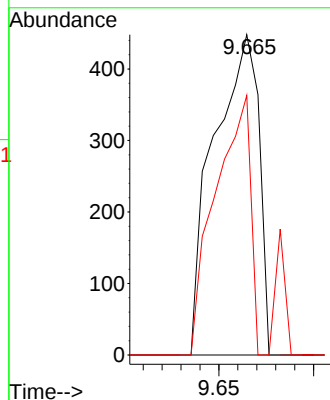
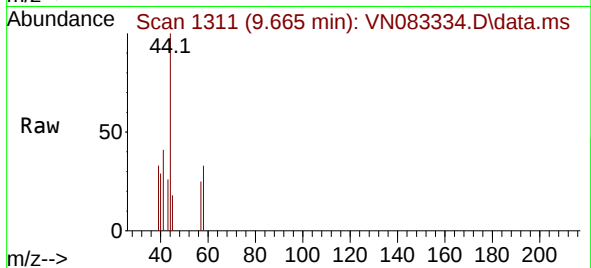
Tgt Ion: 41 Resp: 735

Ion Ratio Lower Upper

41 100

69 0.0 56.3 84.5#

39 63.7 50.3 75.5



#50

Toluene-d8

Concen: 53.399 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN083334.D

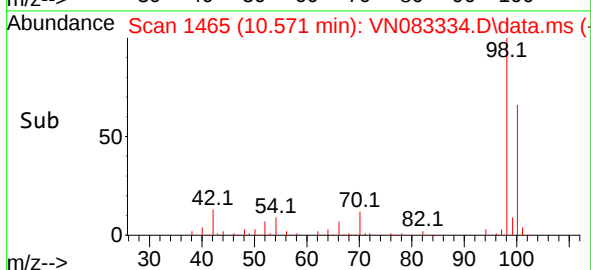
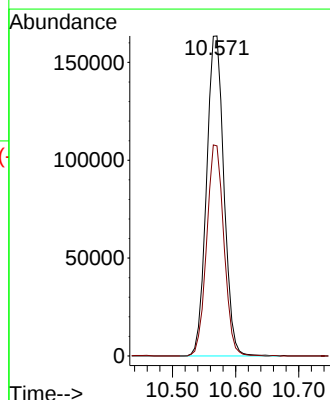
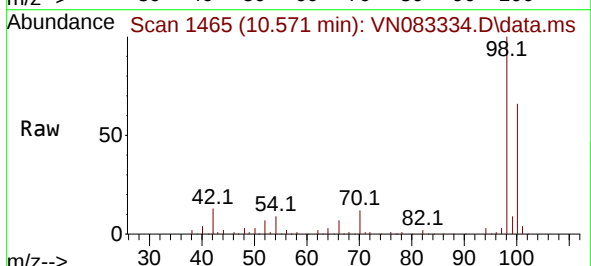
Acq: 15 Aug 2024 16:24

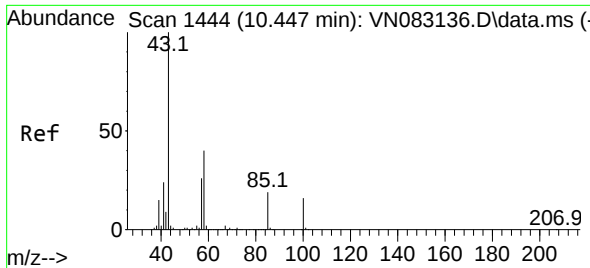
Tgt Ion: 98 Resp: 312176

Ion Ratio Lower Upper

98 100

100 65.4 51.5 77.3

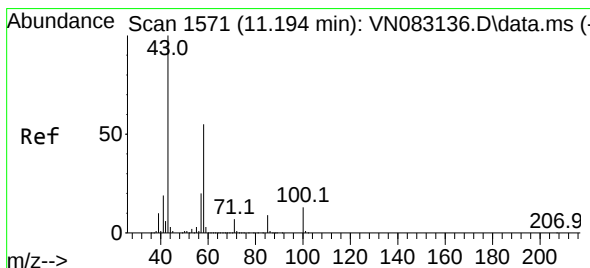
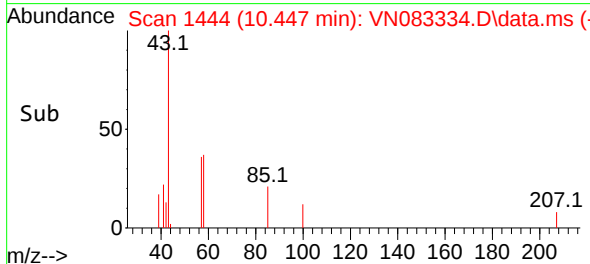
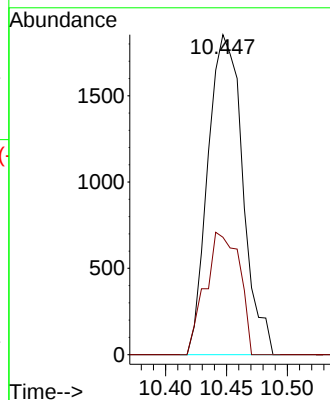
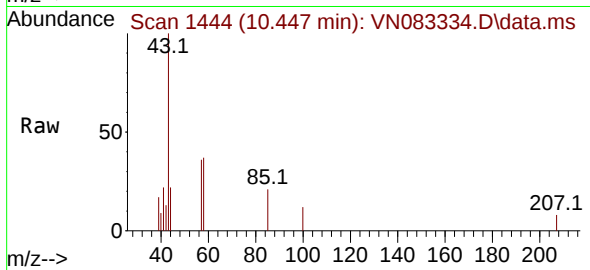




#51
4-Methyl-2-Pentanone
Concen: 1.468 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

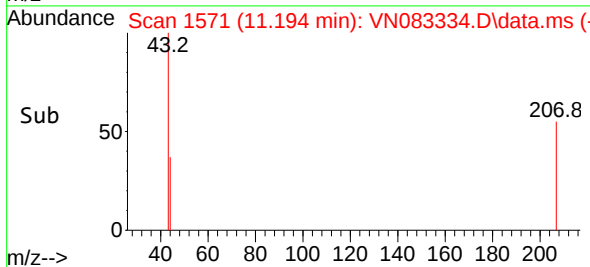
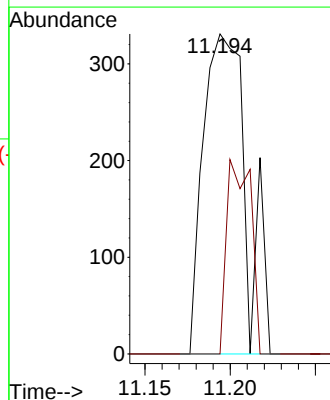
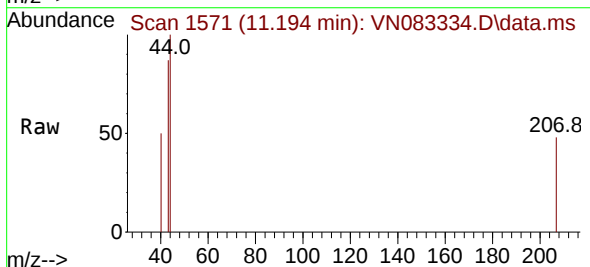
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

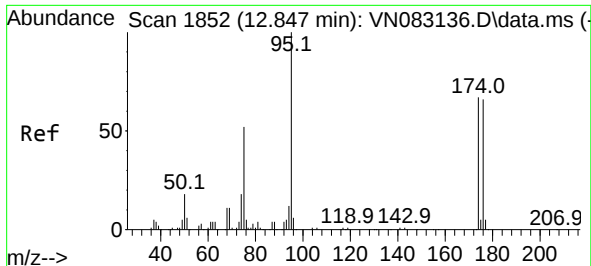
Tgt Ion: 43 Resp: 3685
Ion Ratio Lower Upper
43 100
58 37.6 28.2 42.4



#59
2-Hexanone
Concen: 0.298 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion: 43 Resp: 579
Ion Ratio Lower Upper
43 100
58 34.4 24.6 73.8

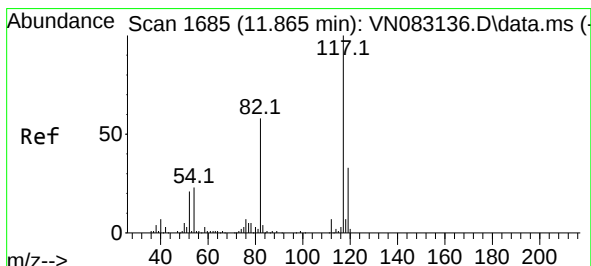
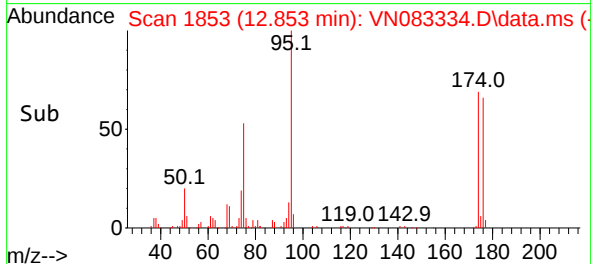
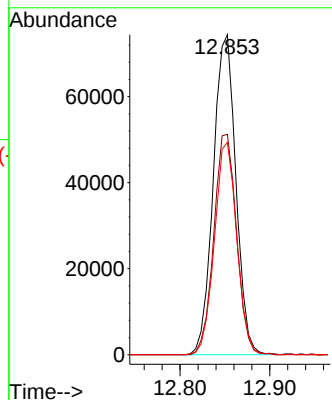
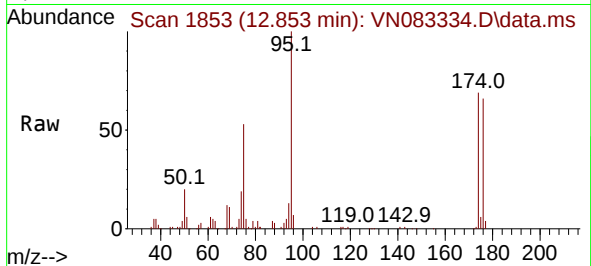




#62
4-Bromofluorobenzene
Concen: 57.013 ug/l
RT: 12.853 min Scan# 11853
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

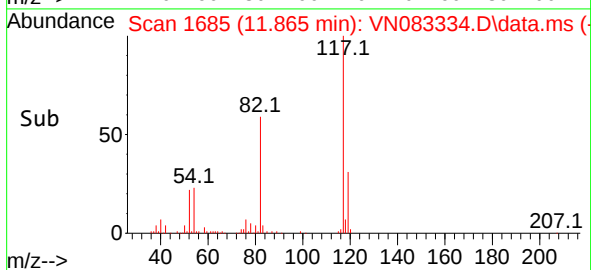
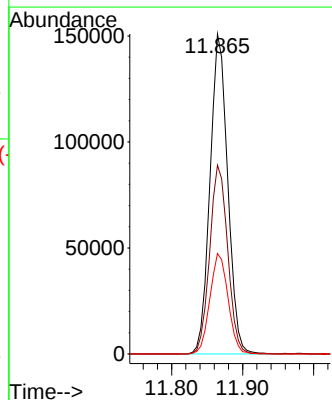
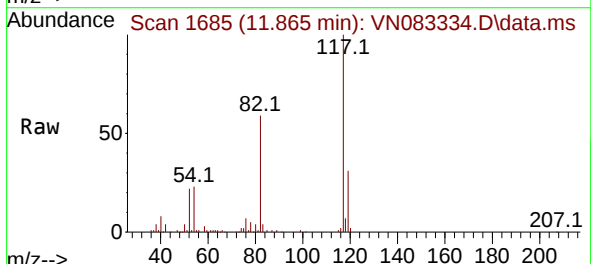
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

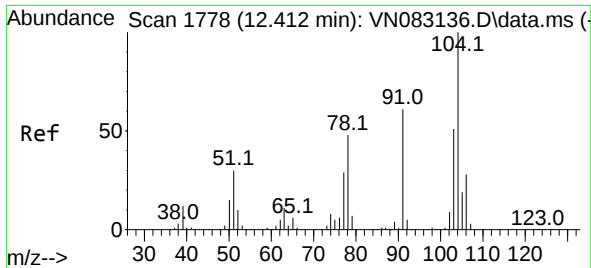
Tgt Ion: 95 Resp: 129941
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 65.6 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion: 117 Resp: 261065
Ion Ratio Lower Upper
117 100
82 59.0 47.5 71.3
119 31.4 25.6 38.4

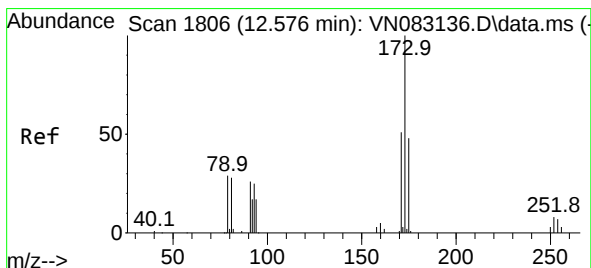
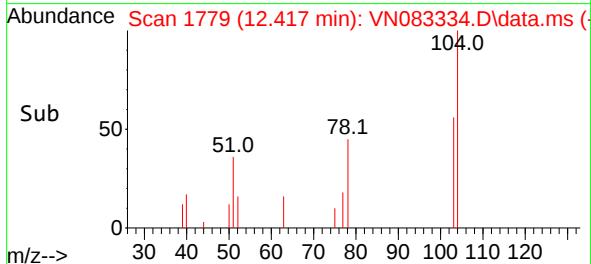
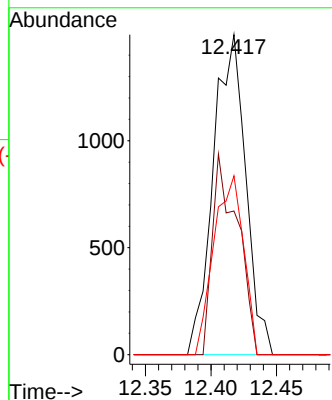
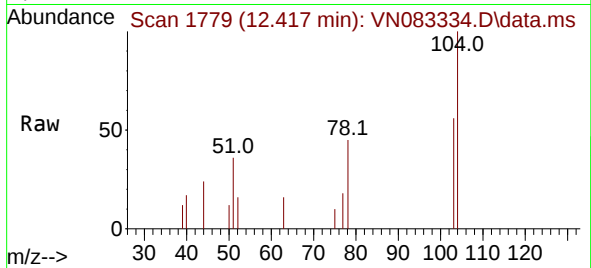




#70
Styrene
Concen: 0.392 ug/l
RT: 12.417 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

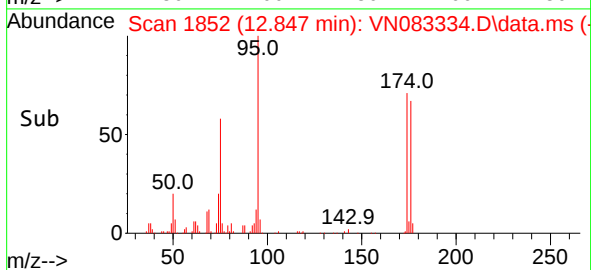
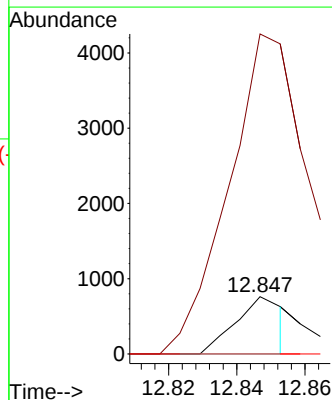
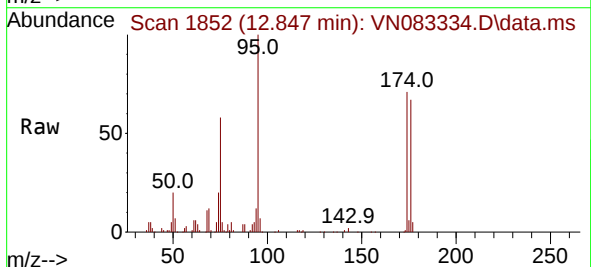
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

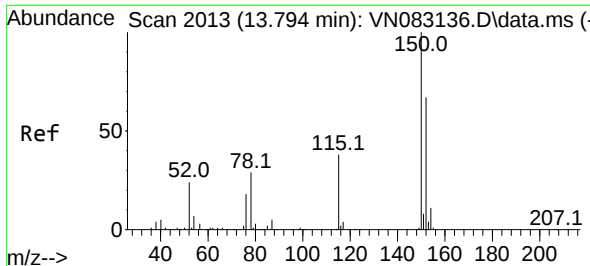
Tgt Ion:104 Resp: 2572
Ion Ratio Lower Upper
104 100
78 48.8 41.6 62.4
103 51.1 44.0 66.0



#71
Bromoform
Concen: 0.479 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

Tgt Ion:173 Resp: 739
Ion Ratio Lower Upper
173 100
175 672.8 24.0 72.0#
254 0.0 0.0 0.0

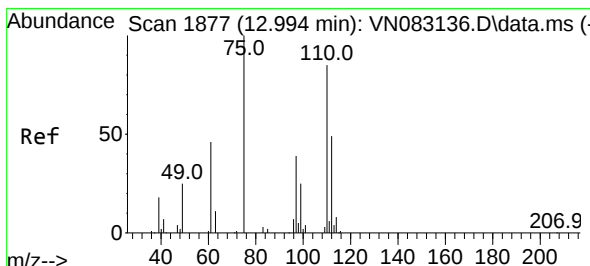
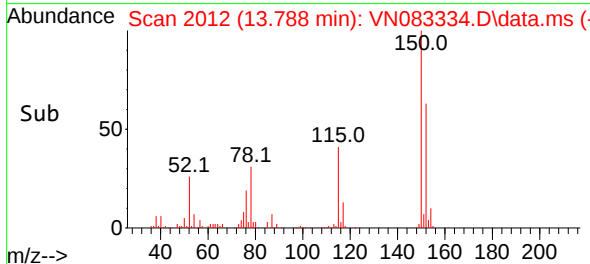
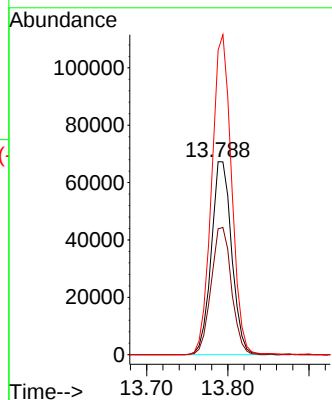
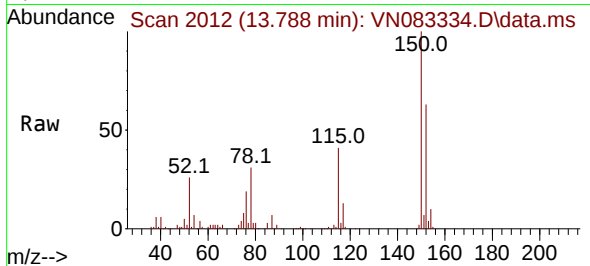




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: VN083334.D
 Acq: 15 Aug 2024 16:24

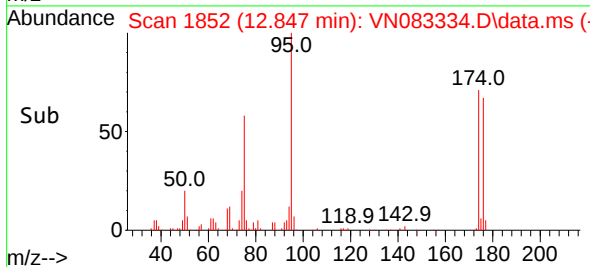
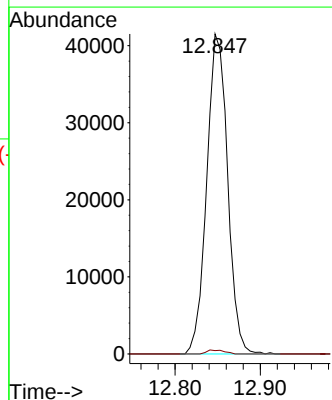
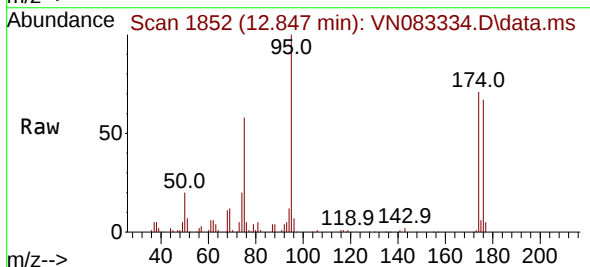
Instrument :
 MSVOA_N
 ClientSampleId :
 028-OUTFALL

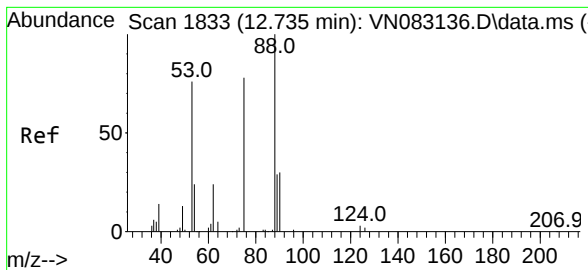
Tgt Ion:152 Resp: 117363
 Ion Ratio Lower Upper
 152 100
 115 65.9 30.6 91.6
 150 161.4 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.453 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083334.D
 Acq: 15 Aug 2024 16:24

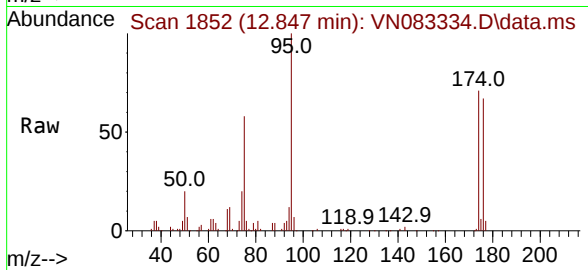
Tgt Ion: 75 Resp: 70714
 Ion Ratio Lower Upper
 75 100
 77 1.0 110.9 332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.717 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN083334.D
 Acq: 15 Aug 2024 16:24

Instrument :
 MSVOA_N
 ClientSampleId :
 028-OUTFALL



Tgt Ion: 75 Resp: 70714
 Ion Ratio Lower Upper
 75 100
 53 0.0 88.4 132.6#
 89 0.0 36.3 54.5#

