

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)

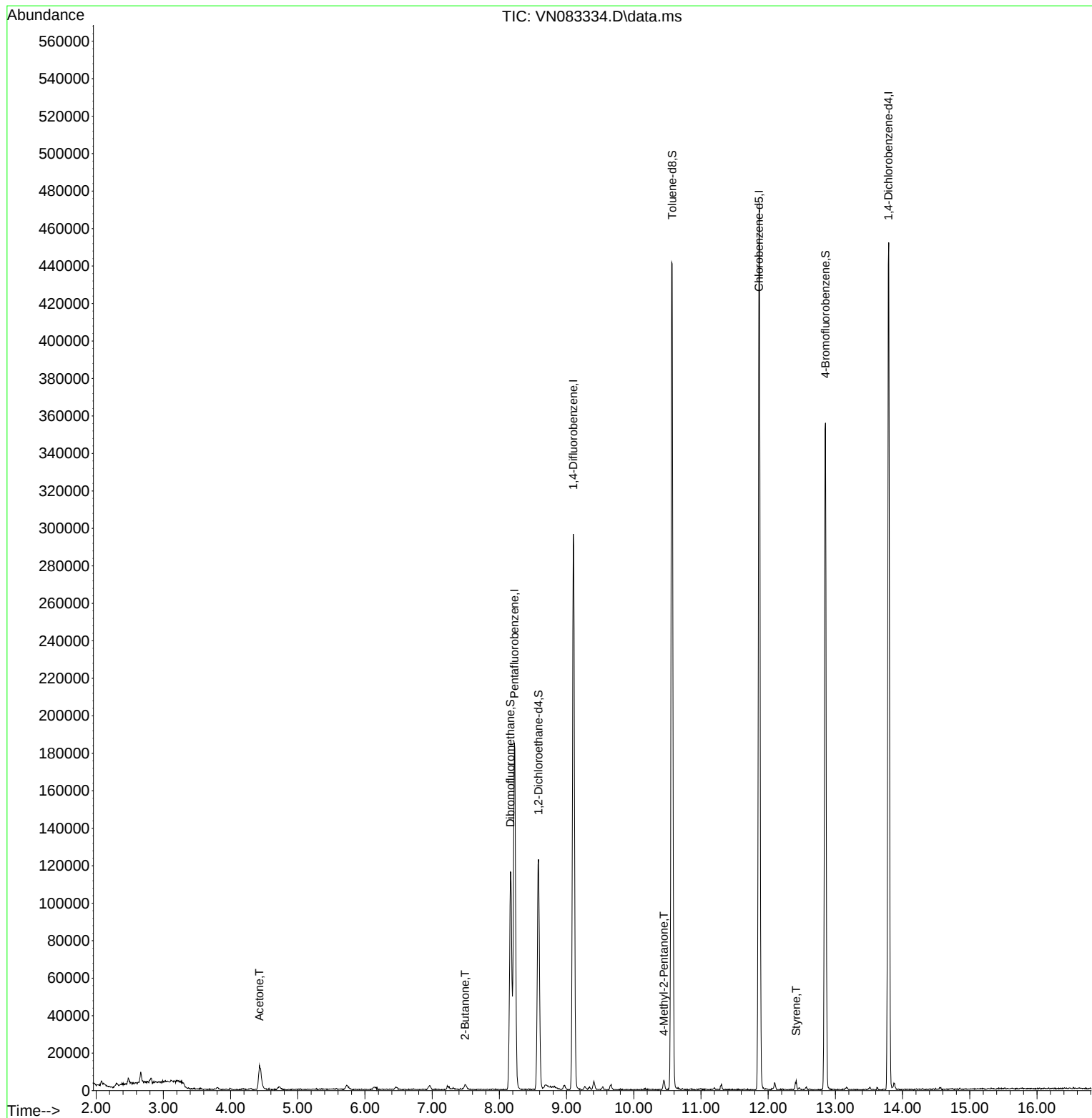
Internal Standards						
1) Pentafluorobenzene	8.224	168	126154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	261065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	117363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
16) Acetone	4.430	43	25402	36.152	ug/l	100
25) 2-Butanone	7.488	43	5068	4.697	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	3685	1.468	ug/l	96
70) Styrene	12.417	104	2572	0.392	ug/l	95

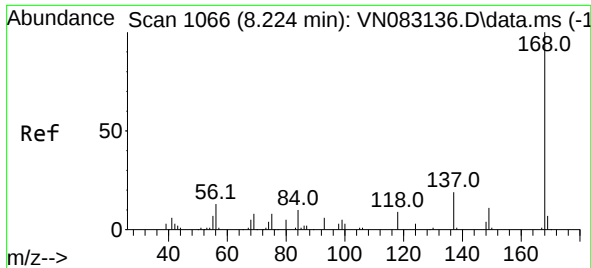
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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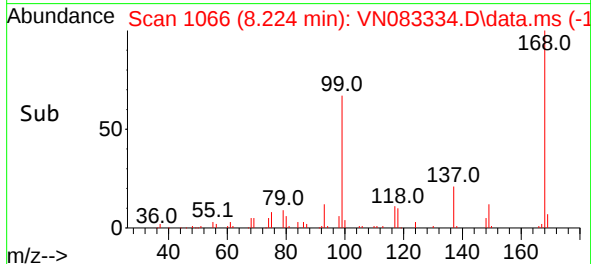
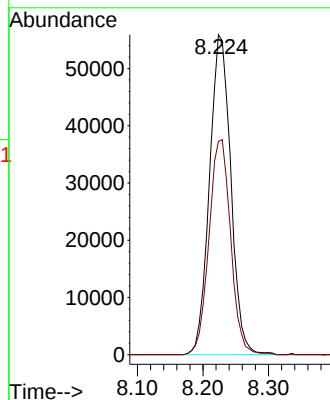
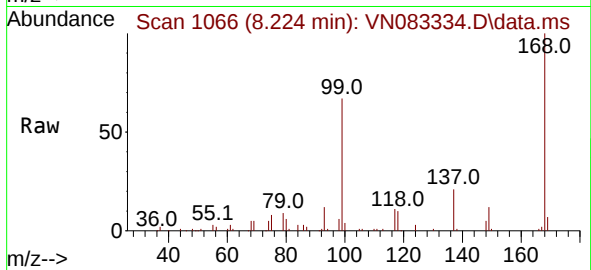




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

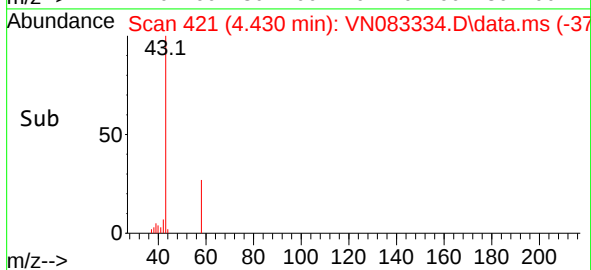
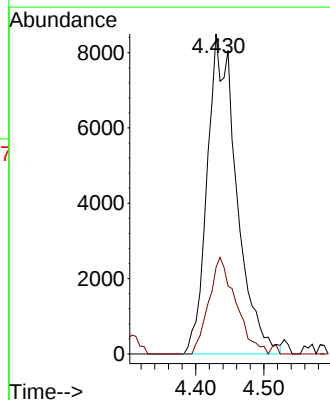
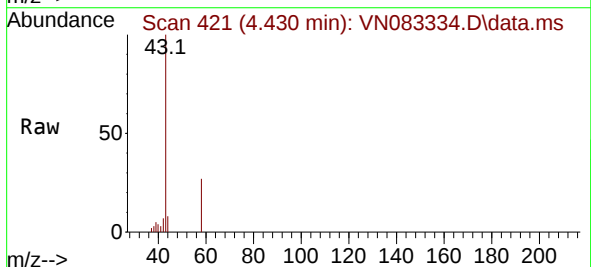
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

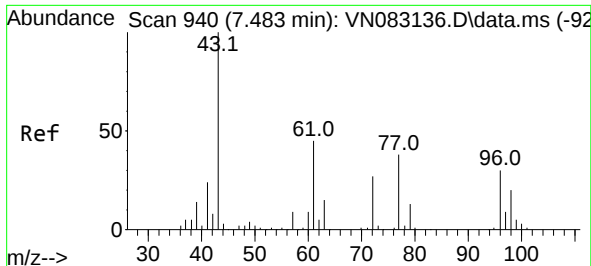
Tgt Ion:168 Resp: 126154
Ion Ratio Lower Upper
168 100
99 66.6 48.2 72.4



#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

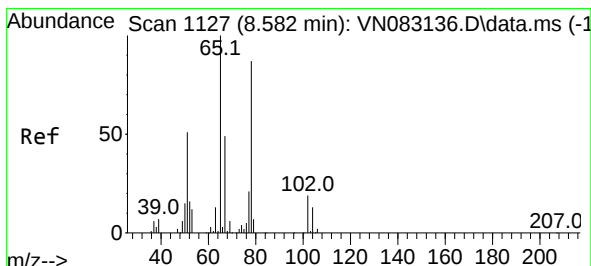
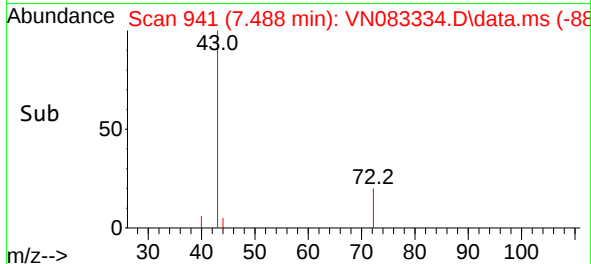
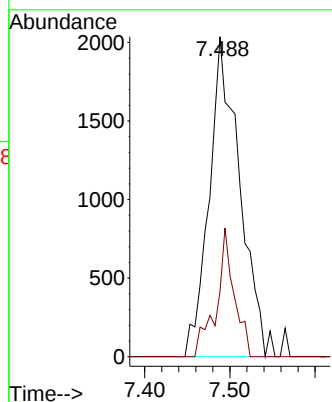
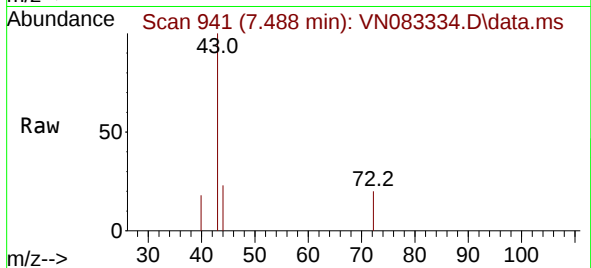




#25
2-Butanone
Concen: 4.697 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

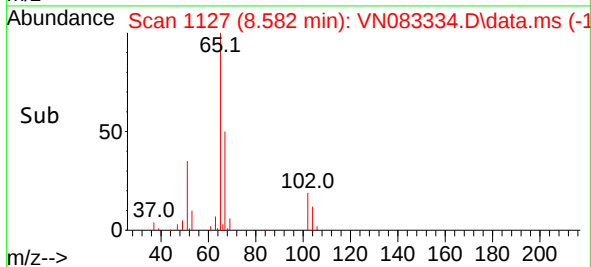
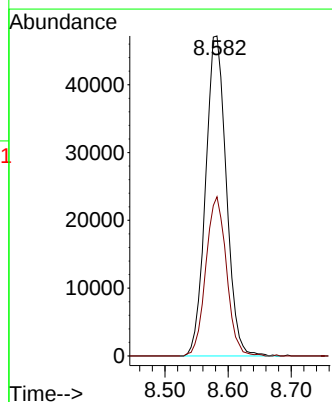
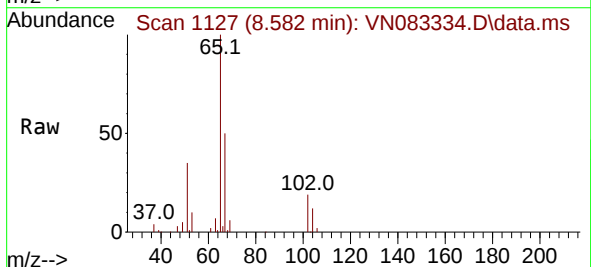
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

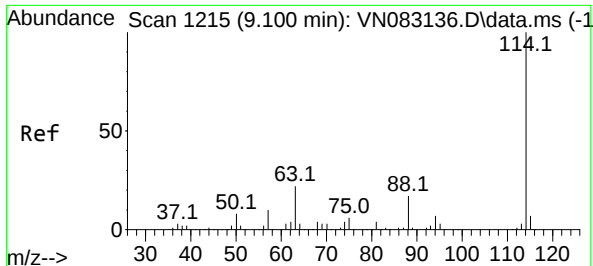
Tgt Ion: 43 Resp: 5068
Ion Ratio Lower Upper
43 100
72 20.5 18.2 27.2



#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: 65 Resp: 107405
Ion Ratio Lower Upper
65 100
67 49.7 0.0 104.4

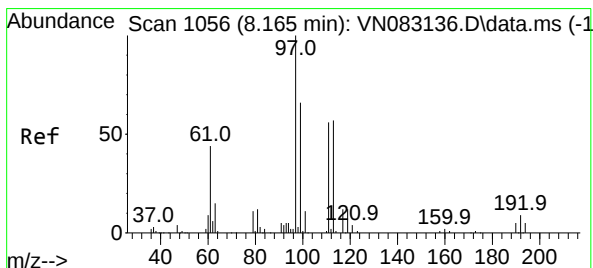
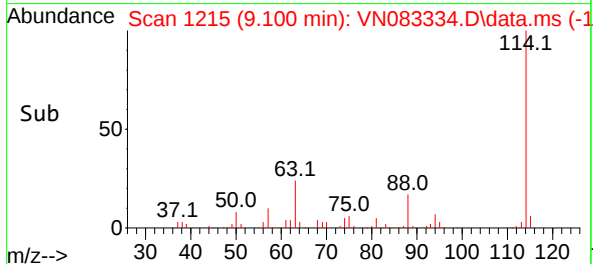
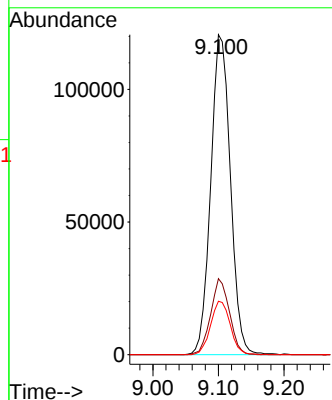
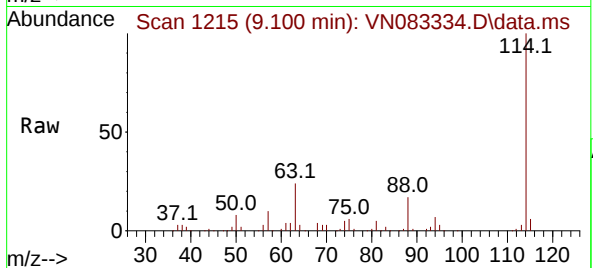




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

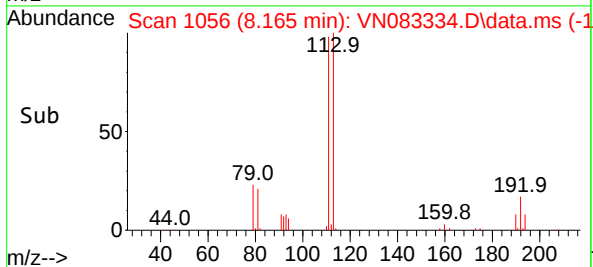
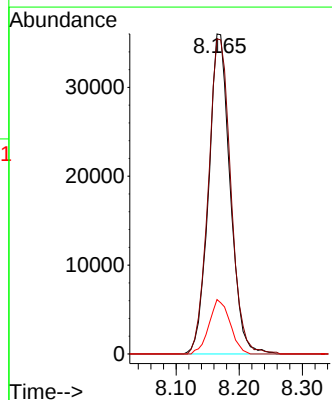
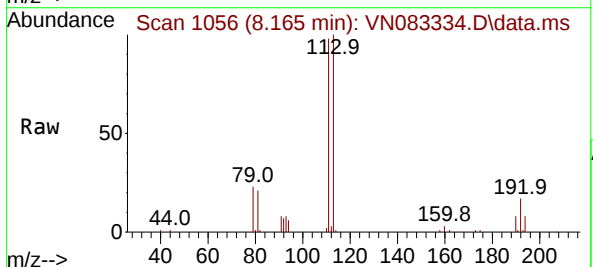
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

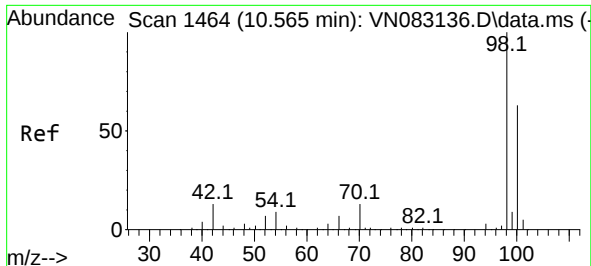
Tgt Ion:114 Resp: 251087
Ion Ratio Lower Upper
114 100
63 23.7 0.0 44.6
88 16.7 0.0 31.4



#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

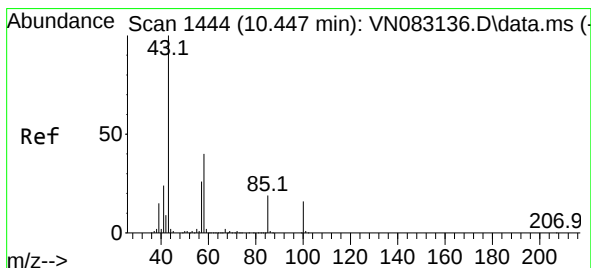
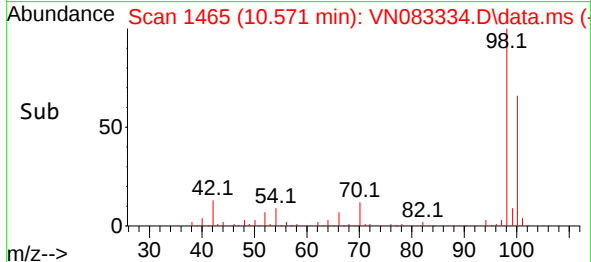
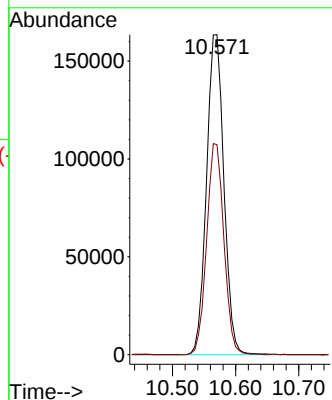
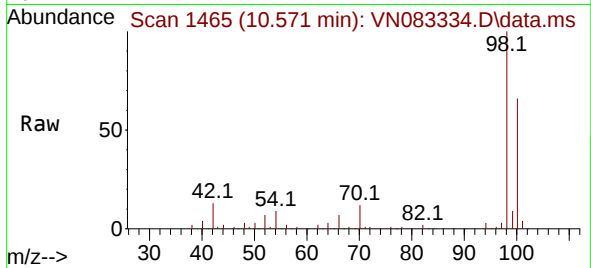




#50
Toluene-d8
Concen: 53.399 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

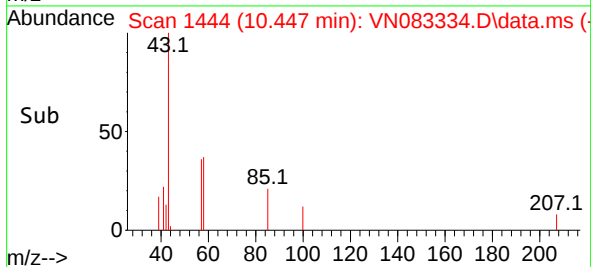
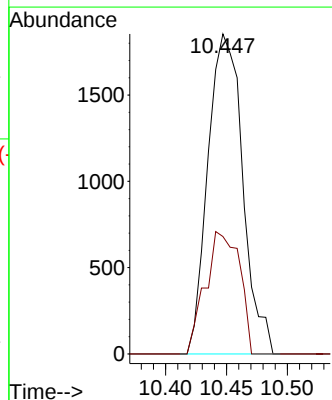
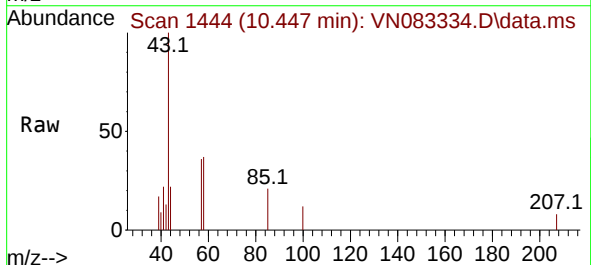
Instrument :
MSVOA_N
ClientSampleId :
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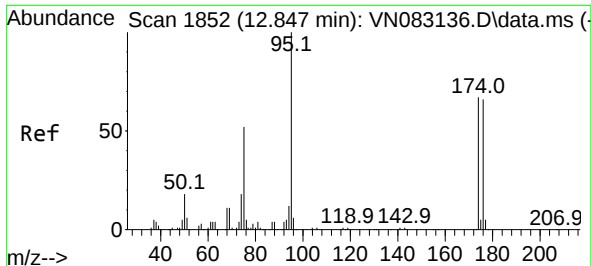
Tgt Ion: 98 Resp: 312176
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3



#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

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

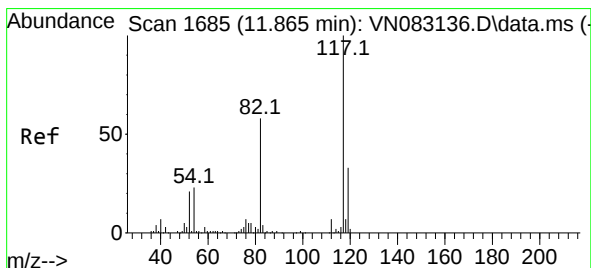
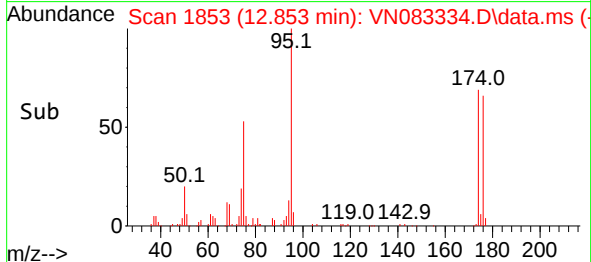
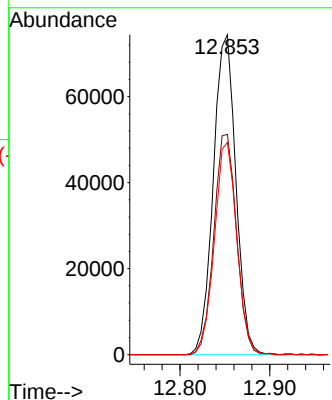
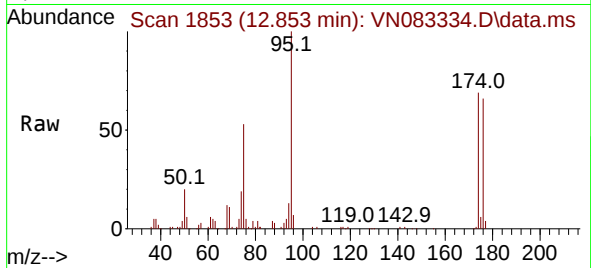




#62
4-Bromofluorobenzene
Concen: 57.013 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN083334.D
Acq: 15 Aug 2024 16:24

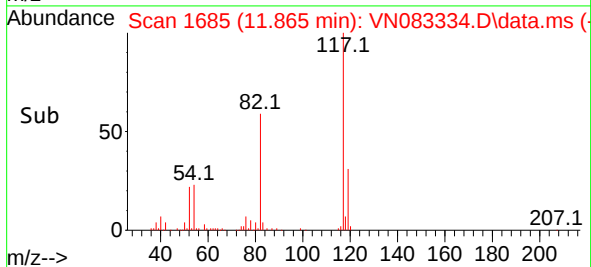
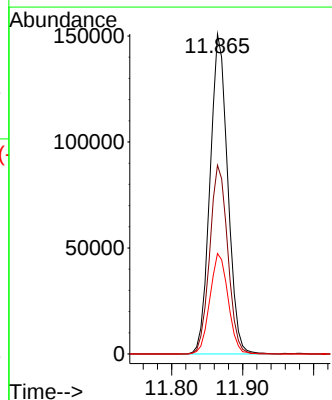
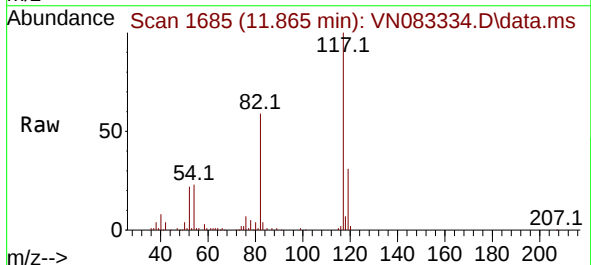
Instrument :
MSVOA_N
ClientSampleId :
028-OUTFALL

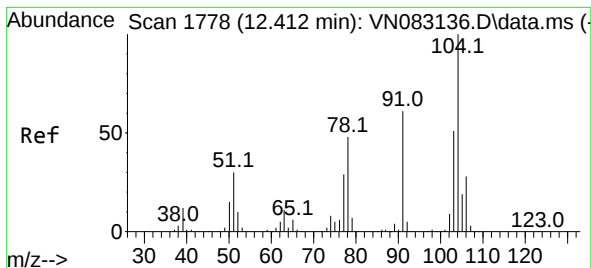
Tgt Ion: 95 Resp: 129941
Ion Ratio Lower Upper
95 100
174 69.2 0.0 159.2
176 65.6 0.0 147.6



#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

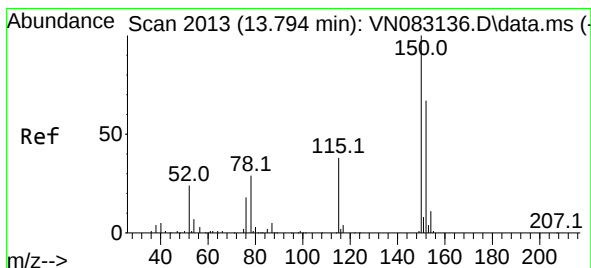
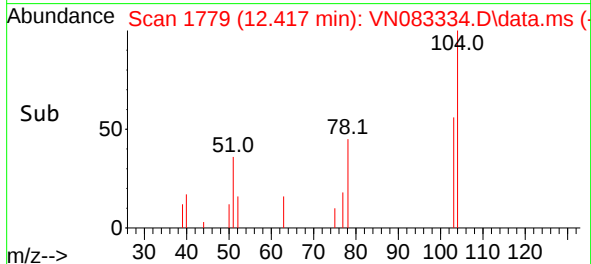
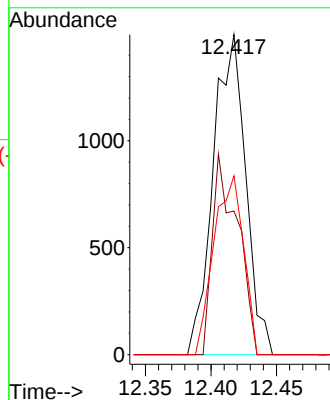
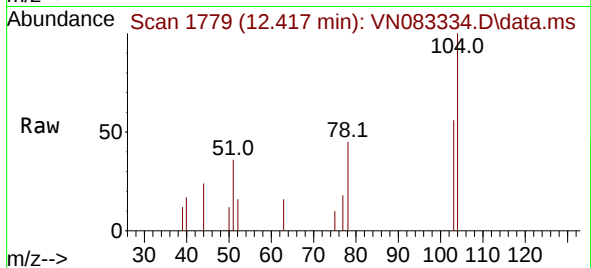
Tgt Ion:104 Resp: 2572

Ion Ratio Lower Upper

104 100

78 48.8 41.6 62.4

103 51.1 44.0 66.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN083334.D

Acq: 15 Aug 2024 16:24

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

