

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068187.D
 Acq On : 18 Aug 2021 12:42
 Operator : JC/MD
 Sample : M3408-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33S

Quant Time: Aug 18 13:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

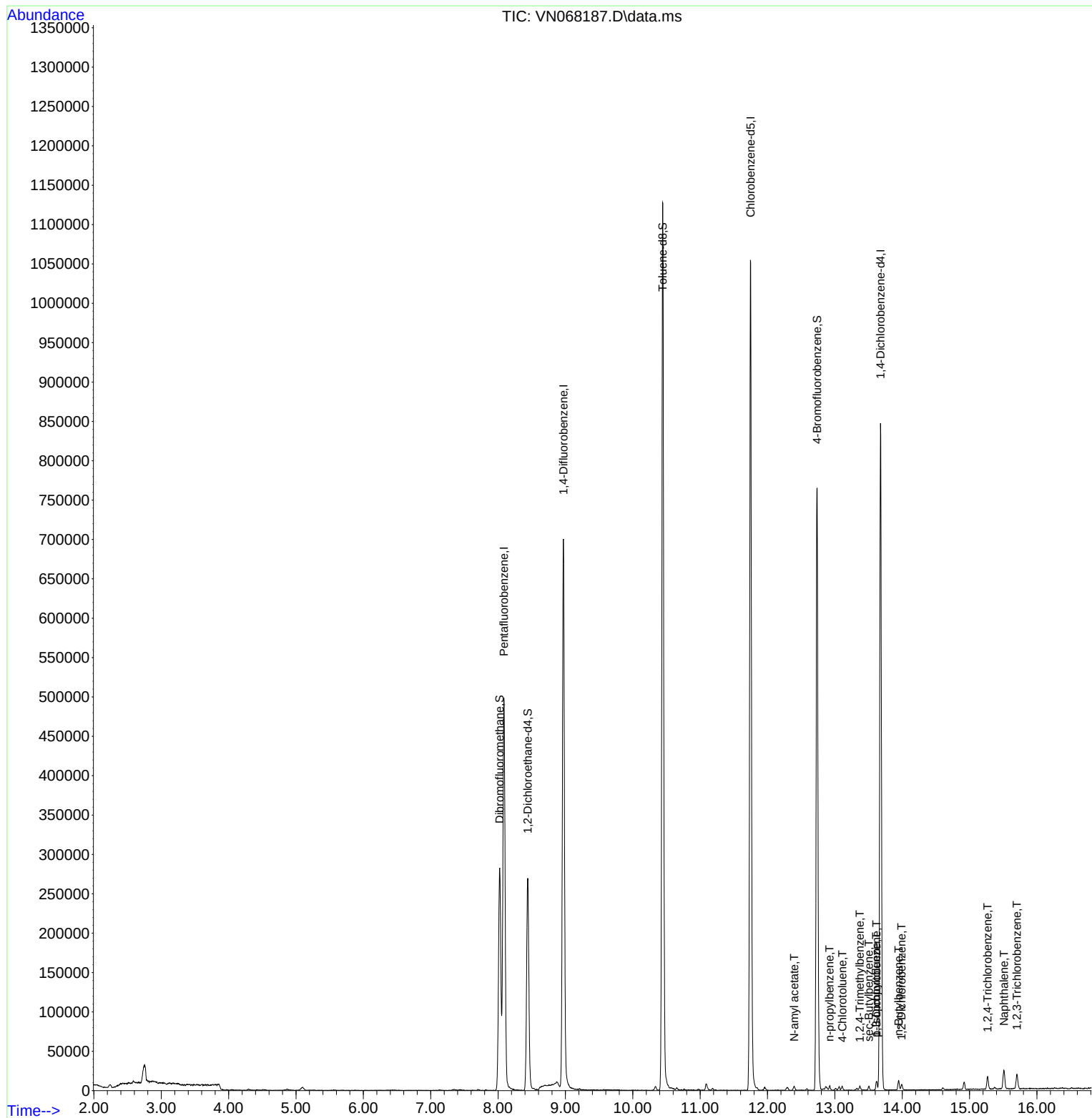
Internal Standards						
1) Pentafluorobenzene	8.088	168	415084	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	679538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	677712	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	254650	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	232005	52.348	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 104.700%		
35) Dibromofluoromethane	8.024	113	210582	49.359	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 98.720%		
50) Toluene-d8	10.443	98	834981	51.364	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.720%		
62) 4-Bromofluorobenzene	12.736	95	264325	48.844	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 97.680%		
Target Compounds						
						Qvalue
74) N-amyl acetate	12.396	43	3306	0.701	ug/l	94
78) n-propylbenzene	12.921	91	4451	0.229	ug/l	89
82) 4-Chlorotoluene	13.112	91	3284	0.282	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	3267	0.228	ug/l	98
85) sec-Butylbenzene	13.506	105	3518	0.205	ug/l	98
86) p-Isopropyltoluene	13.613	119	3659	0.259	ug/l	91
87) 1,3-Dichlorobenzene	13.619	146	3166	0.372	ug/l	86
89) n-Butylbenzene	13.949	91	7572	0.718	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	3505	0.433	ug/l	92
93) 1,2,4-Trichlorobenzene	15.268	180	6044	4.031	ug/l	93
95) Naphthalene	15.509	128	24618	5.642	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.703	180	7552	4.598	ug/l	93

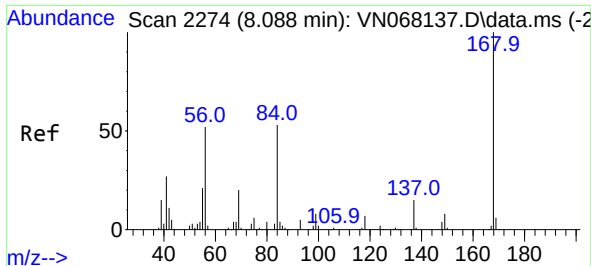
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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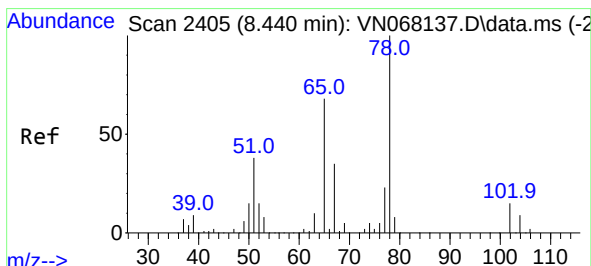
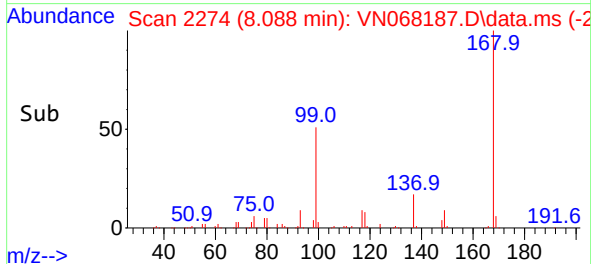
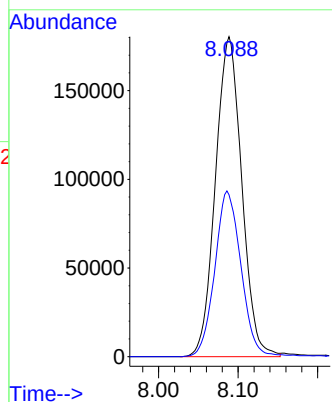
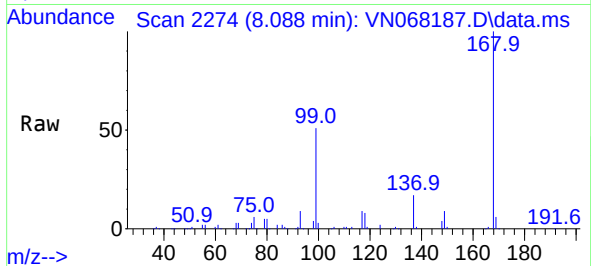




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

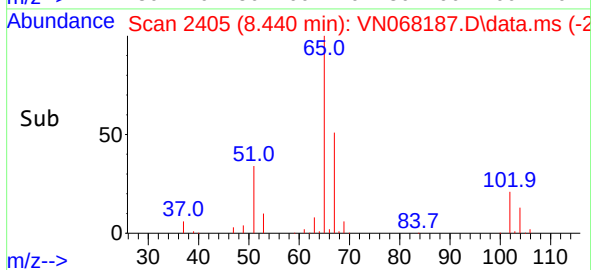
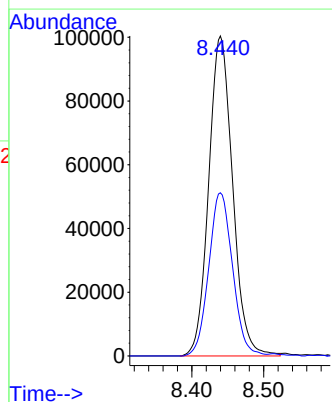
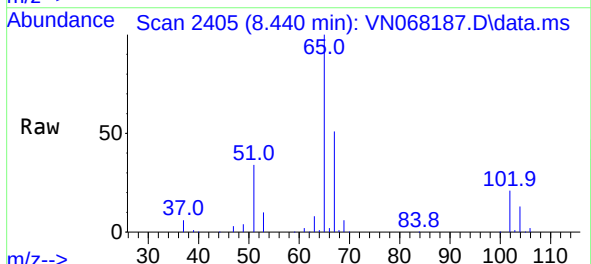
Instrument :
MSVOA_N
ClientSampled :
33S

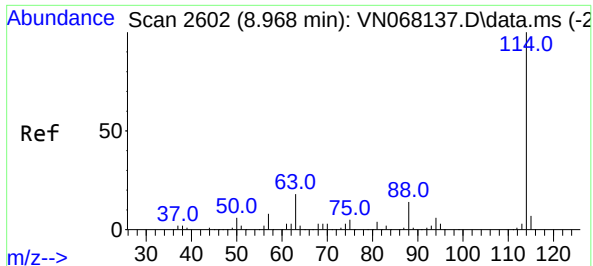
Tgt Ion:168 Resp: 415084
Ion Ratio Lower Upper
168 100
99 50.6 62.9 94.3#



#33
1,2-Dichloroethane-d4
Concen: 52.348 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion: 65 Resp: 232005
Ion Ratio Lower Upper
65 100
67 50.8 0.0 98.6

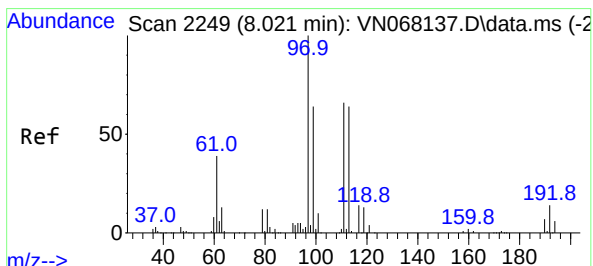
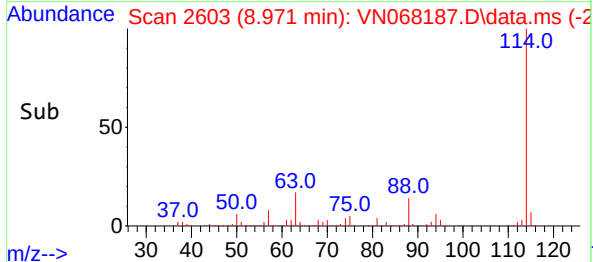
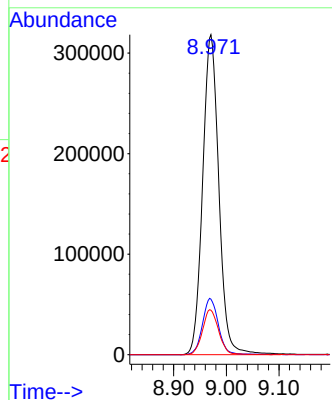
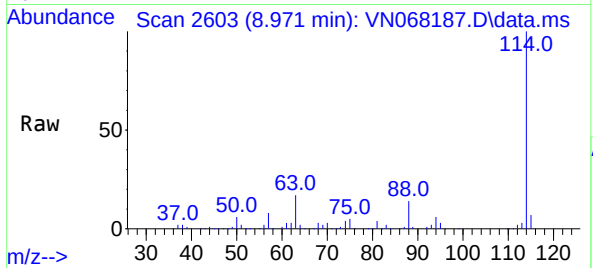




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

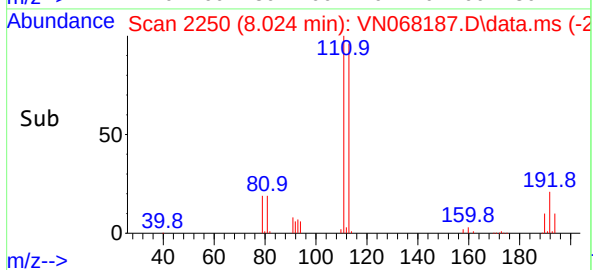
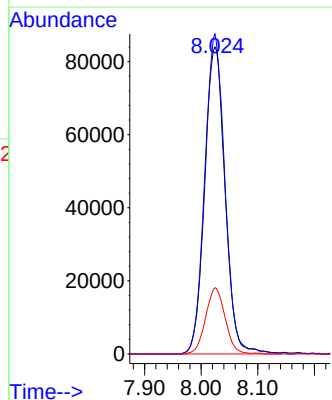
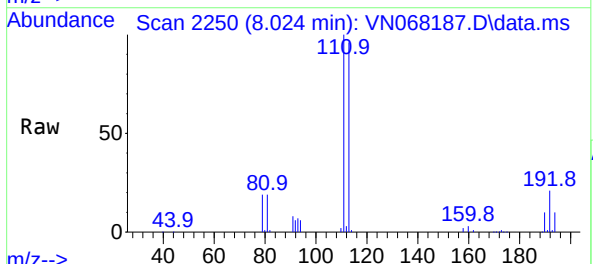
Instrument :
MSVOA_N
ClientSampled :
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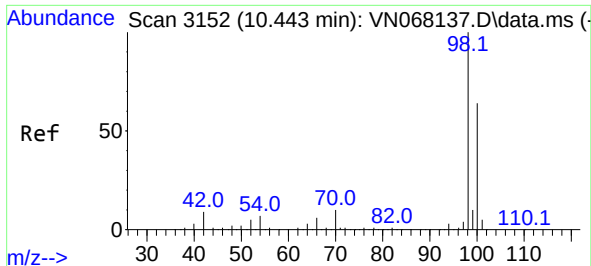
Tgt Ion:114 Resp: 679538
Ion Ratio Lower Upper
114 100
63 17.4 0.0 49.0
88 13.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.359 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

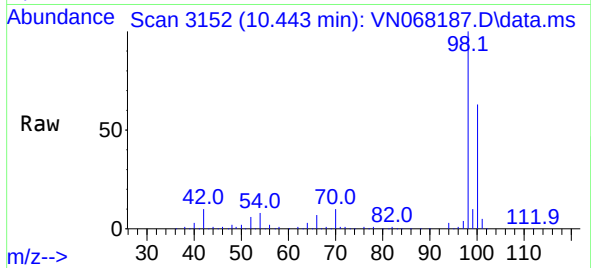
Tgt Ion:113 Resp: 210582
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.8
192 20.5 13.4 20.0#



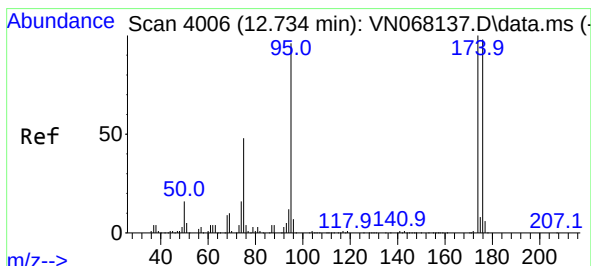
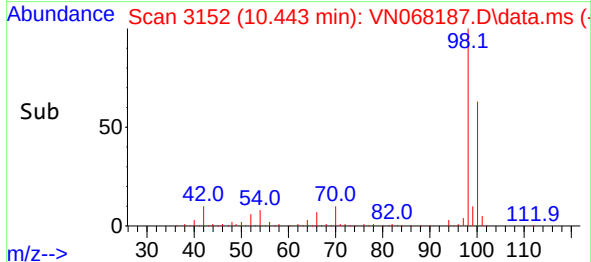
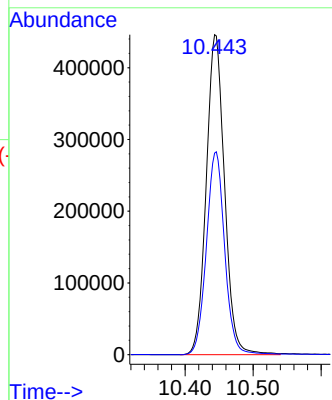


#50
Toluene-d8
Concen: 51.364 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Instrument :
MSVOA_N
ClientSampleId :
33S

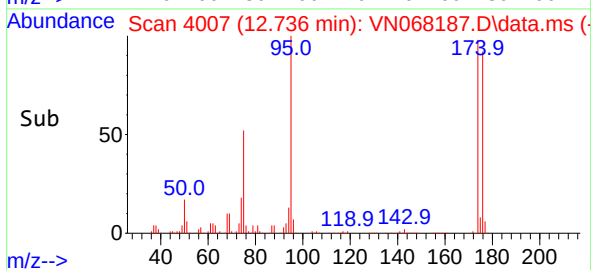
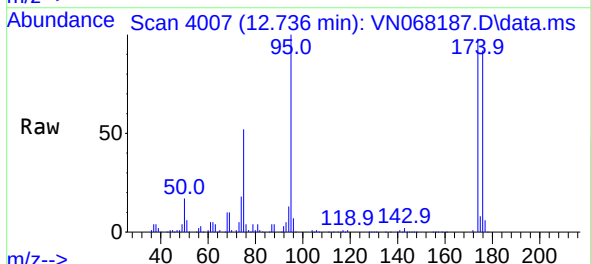
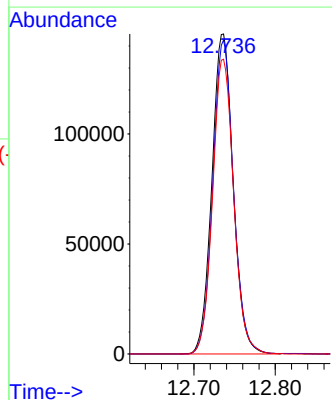


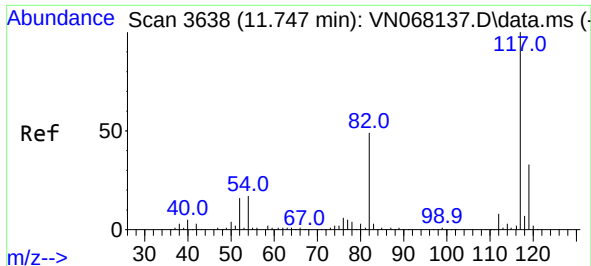
Tgt Ion: 98 Resp: 834981
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.844 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.002 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion: 95 Resp: 264325
Ion Ratio Lower Upper
95 100
174 95.6 0.0 122.0
176 91.3 0.0 117.6

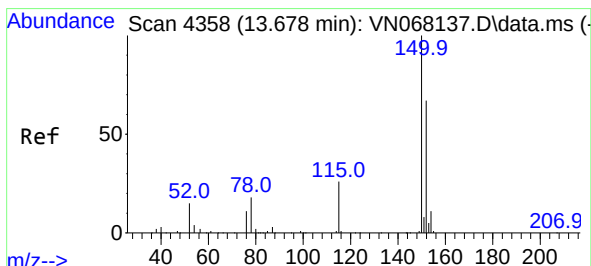
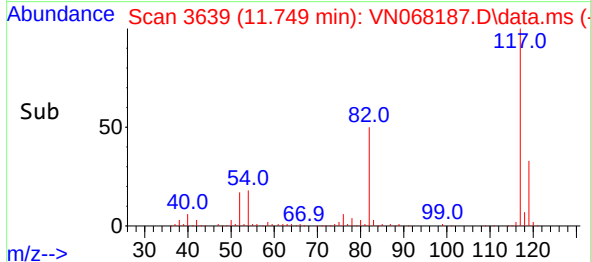
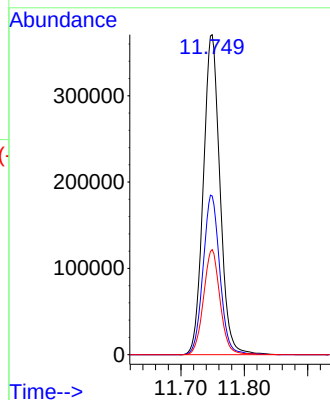
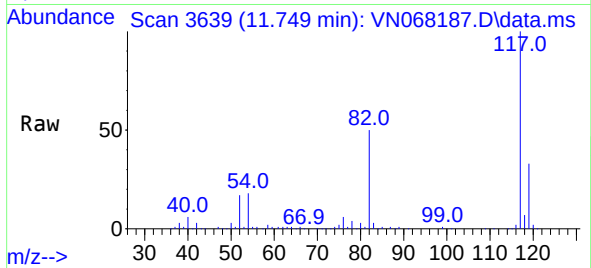




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.002 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

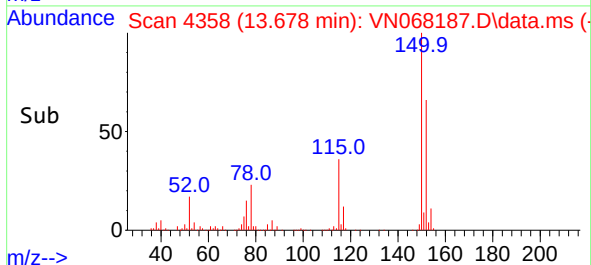
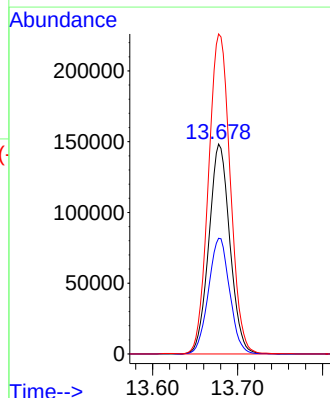
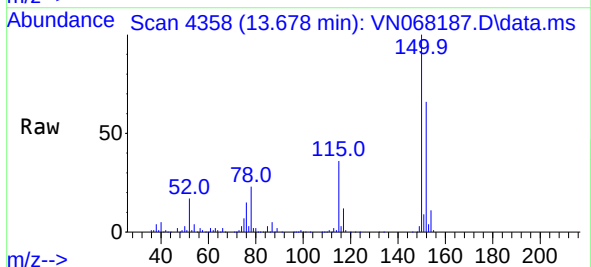
Instrument :
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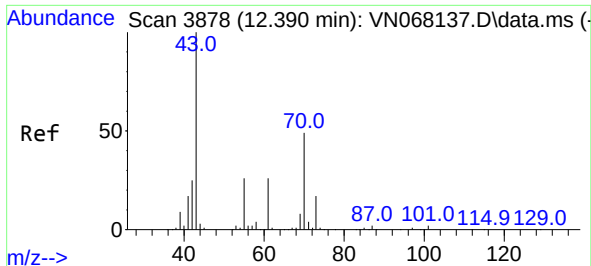
Tgt Ion:117 Resp: 677712
Ion Ratio Lower Upper
117 100
82 49.6 53.1 79.7#
119 32.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. -0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion:152 Resp: 254650
Ion Ratio Lower Upper
152 100
115 55.7 36.1 108.5
150 157.7 0.0 351.8

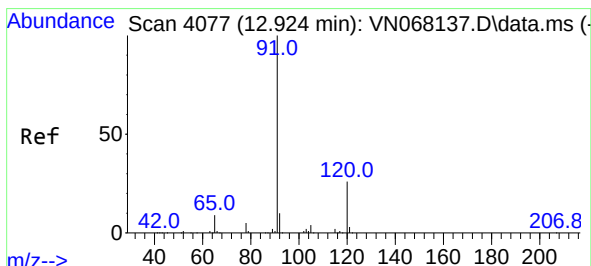
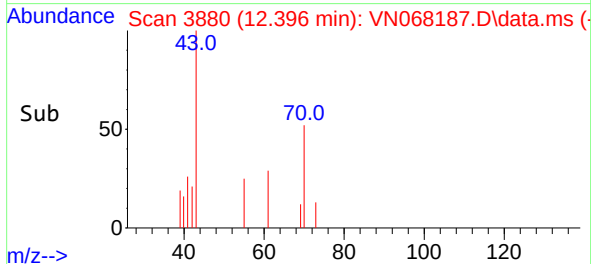
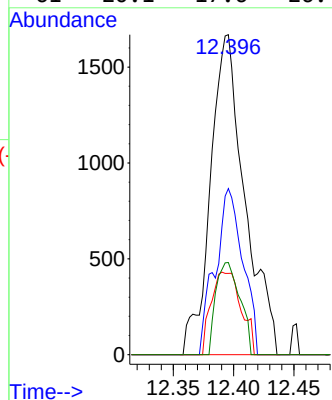
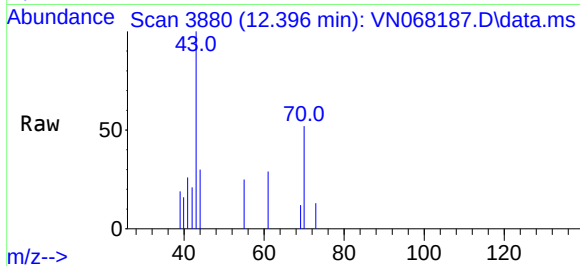




#74
N-amy1 acetate
Concen: 0.701 ug/l
RT: 12.396 min Scan# 3880
Delta R.T. 0.006 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

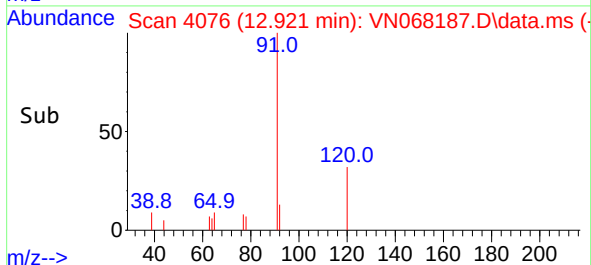
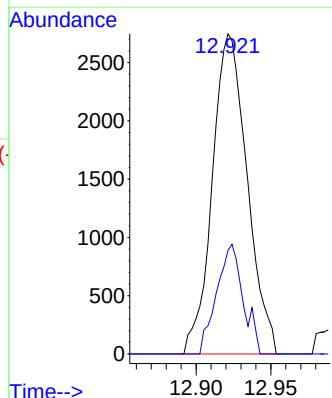
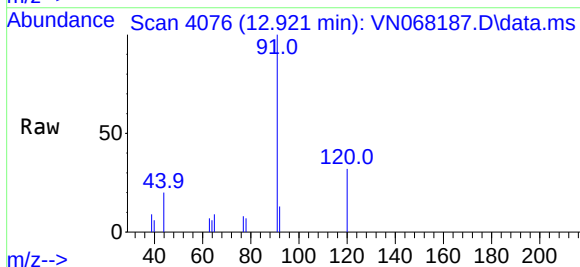
Instrument :
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ClientSampled :
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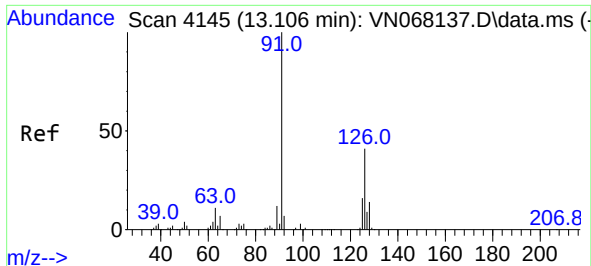
Tgt Ion: 43	Resp:	3306	
Ion	Ratio	Lower	Upper
43	100		
70	41.9	29.4	44.2
55	22.4	17.0	25.4
61	20.1	17.6	26.4



#78
n-propylbenzene
Concen: 0.229 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. -0.003 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion: 91	Resp:	4451	
Ion	Ratio	Lower	Upper
91	100		
120	26.0	10.4	31.4

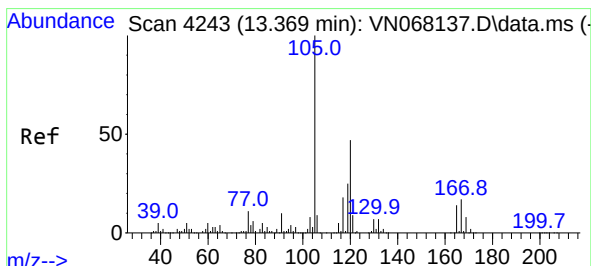
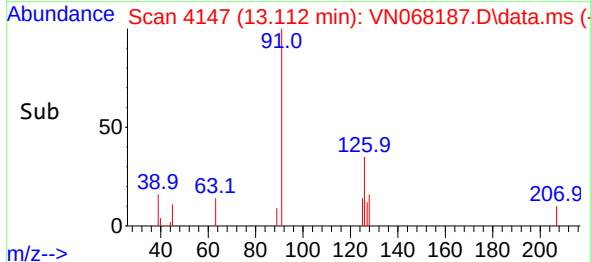
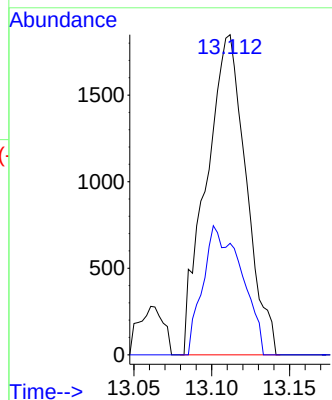
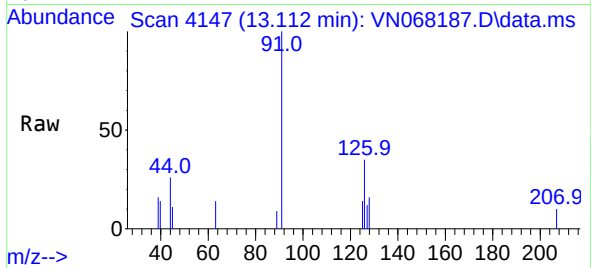




#82
4-Chlorotoluene
Concen: 0.282 ug/l
RT: 13.112 min Scan# 4147
Delta R.T. 0.006 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

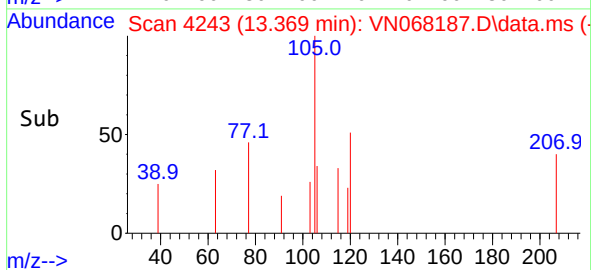
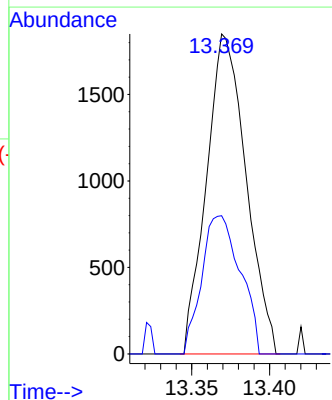
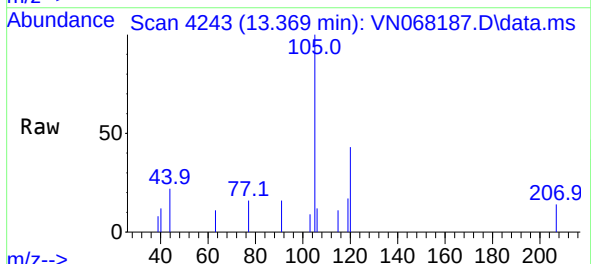
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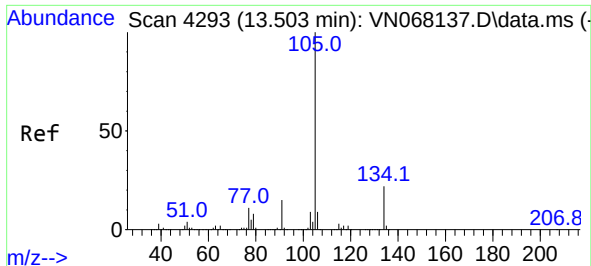
Tgt Ion: 91 Resp: 3284
Ion Ratio Lower Upper
91 100
126 39.1 14.8 44.4



#84
1,2,4-Trimethylbenzene
Concen: 0.228 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion: 105 Resp: 3267
Ion Ratio Lower Upper
105 100
120 42.1 20.6 61.8

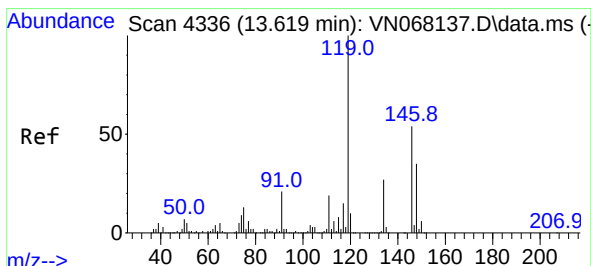
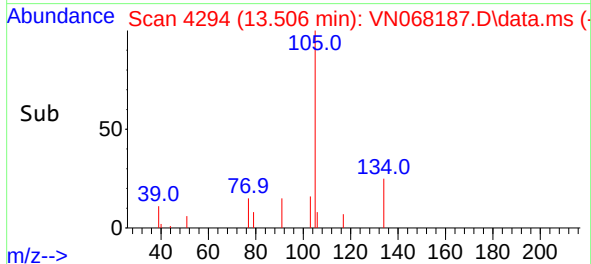
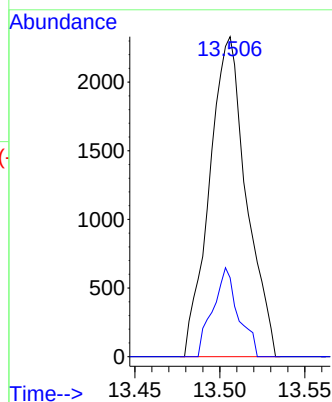
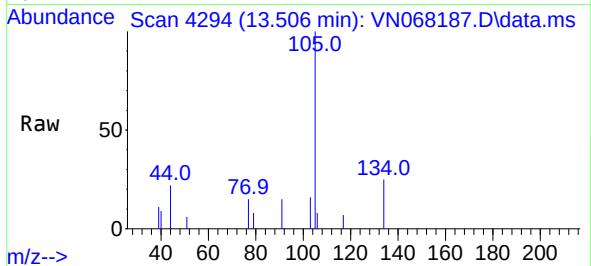




#85
 sec-Butylbenzene
 Concen: 0.205 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN068187.D
 Acq: 18 Aug 2021 12:42

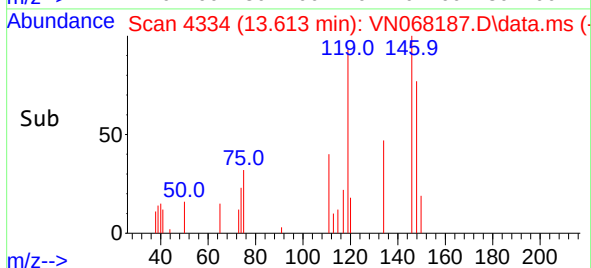
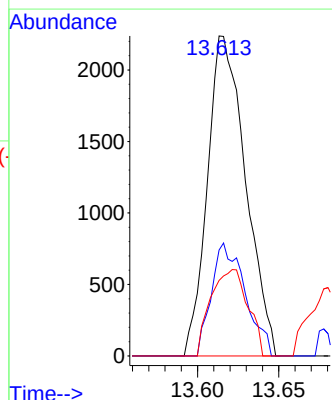
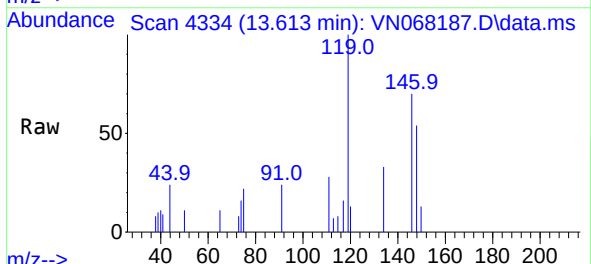
Instrument :
 MSVOA_N
 ClientSampled :
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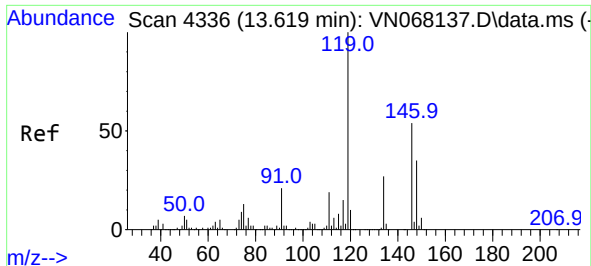
Tgt Ion:105 Resp: 3518
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.0 27.1



#86
 p-Isopropyltoluene
 Concen: 0.259 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. -0.006 min
 Lab File: VN068187.D
 Acq: 18 Aug 2021 12:42

Tgt Ion:119 Resp: 3659
 Ion Ratio Lower Upper
 119 100
 134 31.3 12.4 37.4
 91 26.2 14.8 44.3





#87

1,3-Dichlorobenzene

Concen: 0.372 ug/l

RT: 13.619 min Scan# 4336

Delta R.T. -0.000 min

Lab File: VN068187.D

Acq: 18 Aug 2021 12:42

Instrument :

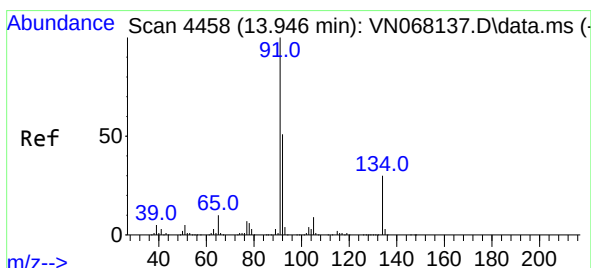
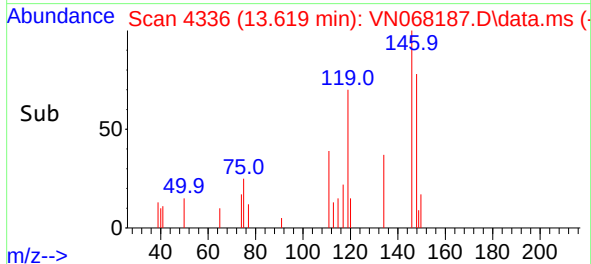
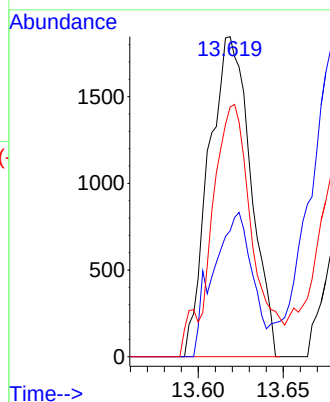
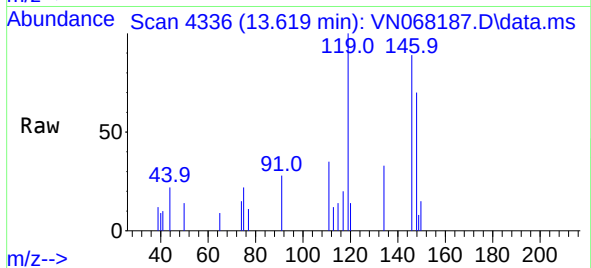
MSVOA_N

ClientSampleId :

33S

Tgt Ion:146 Resp: 3166

Ion	Ratio	Lower	Upper
146	100		
111	42.0	24.3	72.8
148	77.0	32.0	96.0



#89

n-Butylbenzene

Concen: 0.718 ug/l

RT: 13.949 min Scan# 4459

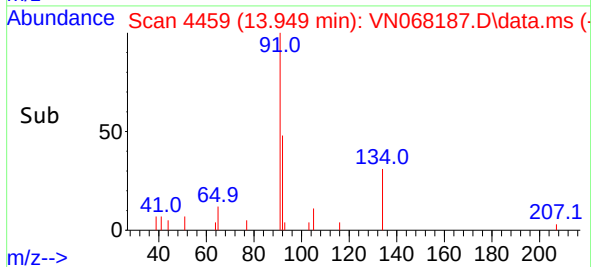
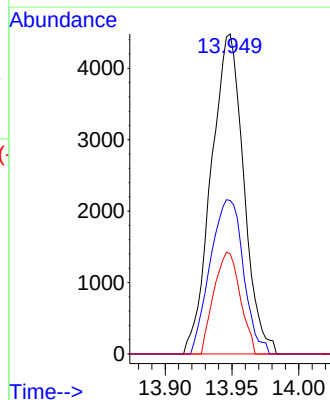
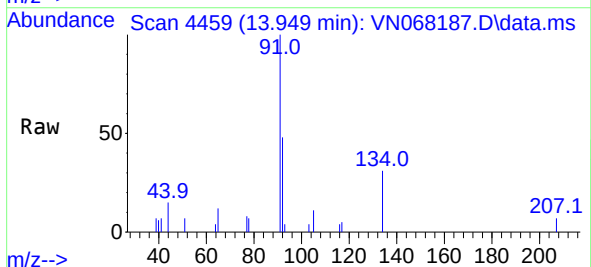
Delta R.T. 0.003 min

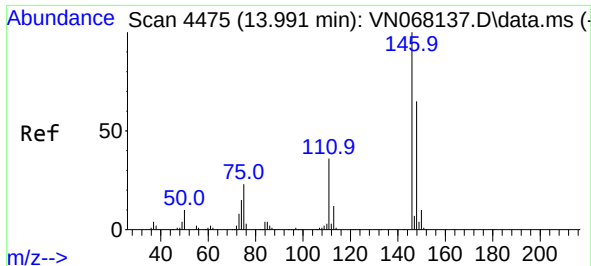
Lab File: VN068187.D

Acq: 18 Aug 2021 12:42

Tgt Ion: 91 Resp: 7572

Ion	Ratio	Lower	Upper
91	100		
92	49.2	25.7	77.1
134	25.7	11.2	33.6

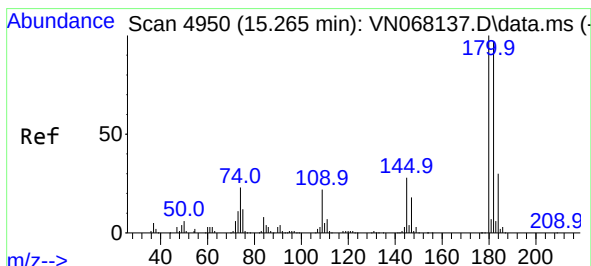
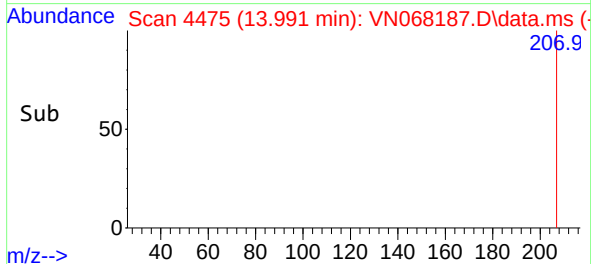
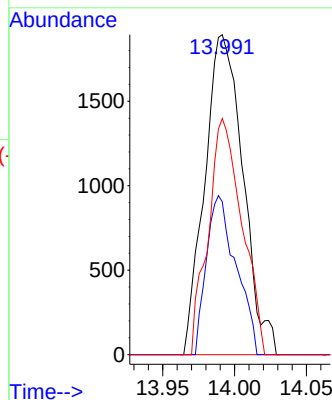
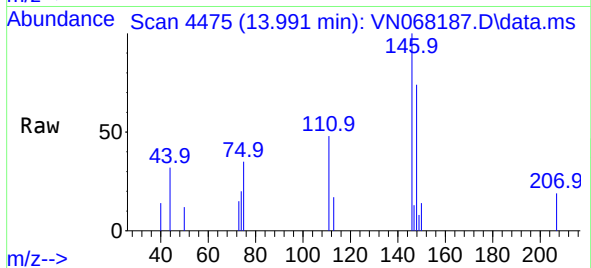




#91
1,2-Dichlorobenzene
Concen: 0.433 ug/l
RT: 13.991 min Scan# 4475
Delta R.T. 0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

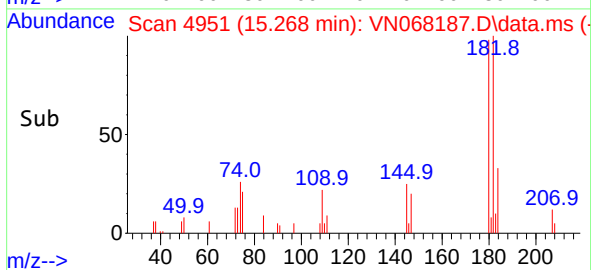
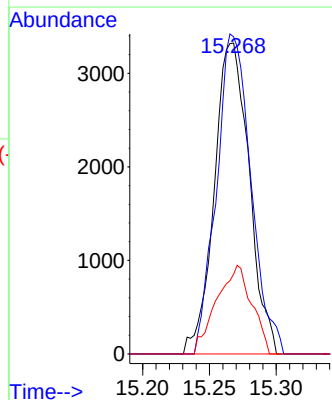
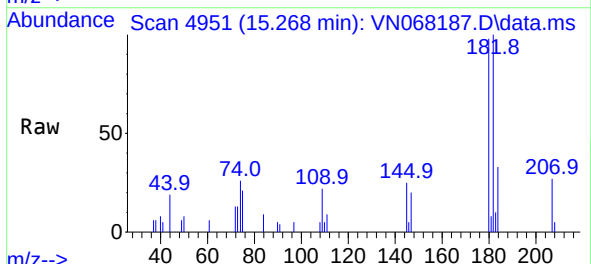
Instrument :
MSVOA_N
ClientSampled :
33S

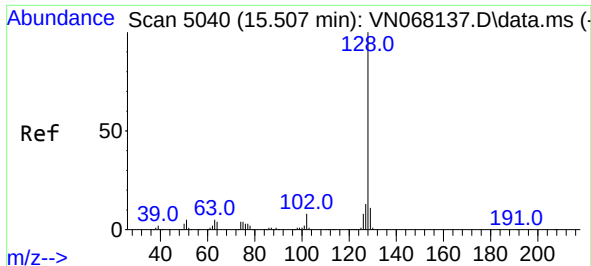
Tgt Ion:	146	Resp:	3505
Ion	Ratio	Lower	Upper
146	100		
111	38.5	24.9	74.6
148	65.1	31.6	95.0



#93
1,2,4-Trichlorobenzene
Concen: 4.031 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion:	180	Resp:	6044
Ion	Ratio	Lower	Upper
180	100		
182	101.4	47.5	142.5
145	28.7	17.2	51.6

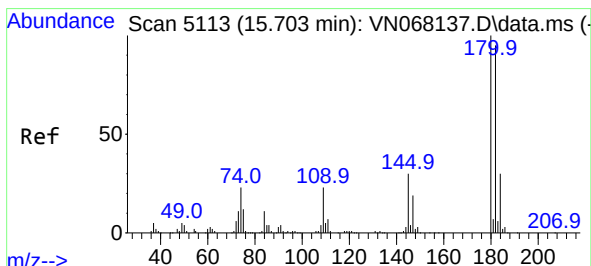
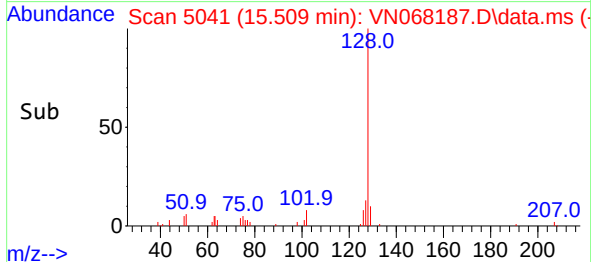
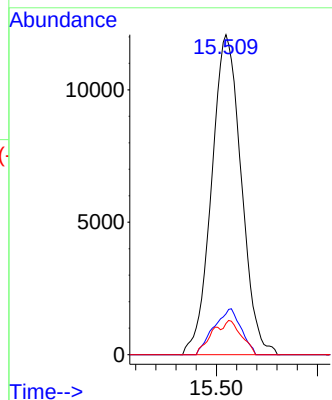
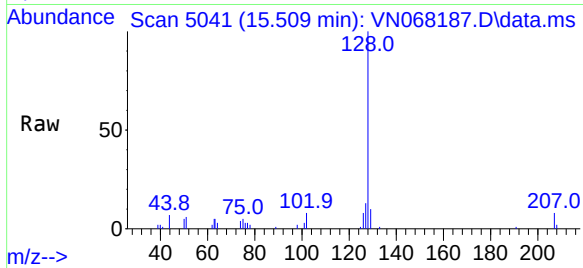




#95
Naphthalene
Concen: 5.642 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Instrument :
MSVOA_N
ClientSampled :
33S

Tgt Ion:	128	Resp:	24618
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	5.8	8.6	12.8#



#96
1,2,3-Trichlorobenzene
Concen: 4.598 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. -0.000 min
Lab File: VN068187.D
Acq: 18 Aug 2021 12:42

Tgt Ion:	180	Resp:	7552
Ion Ratio	Lower	Upper	
180	100		
182	102.6	47.8	143.3
145	31.7	18.2	54.6

