

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068556.D
 Acq On : 18 Sep 2021 7:44
 Operator : JC/MD
 Sample : M3798-09
 Misc : 6.83g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-07-(8-10)-END-POINT

Quant Time: Sep 20 06:04:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090721W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 17 11:02:11 2021
 Response via : Initial Calibration

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

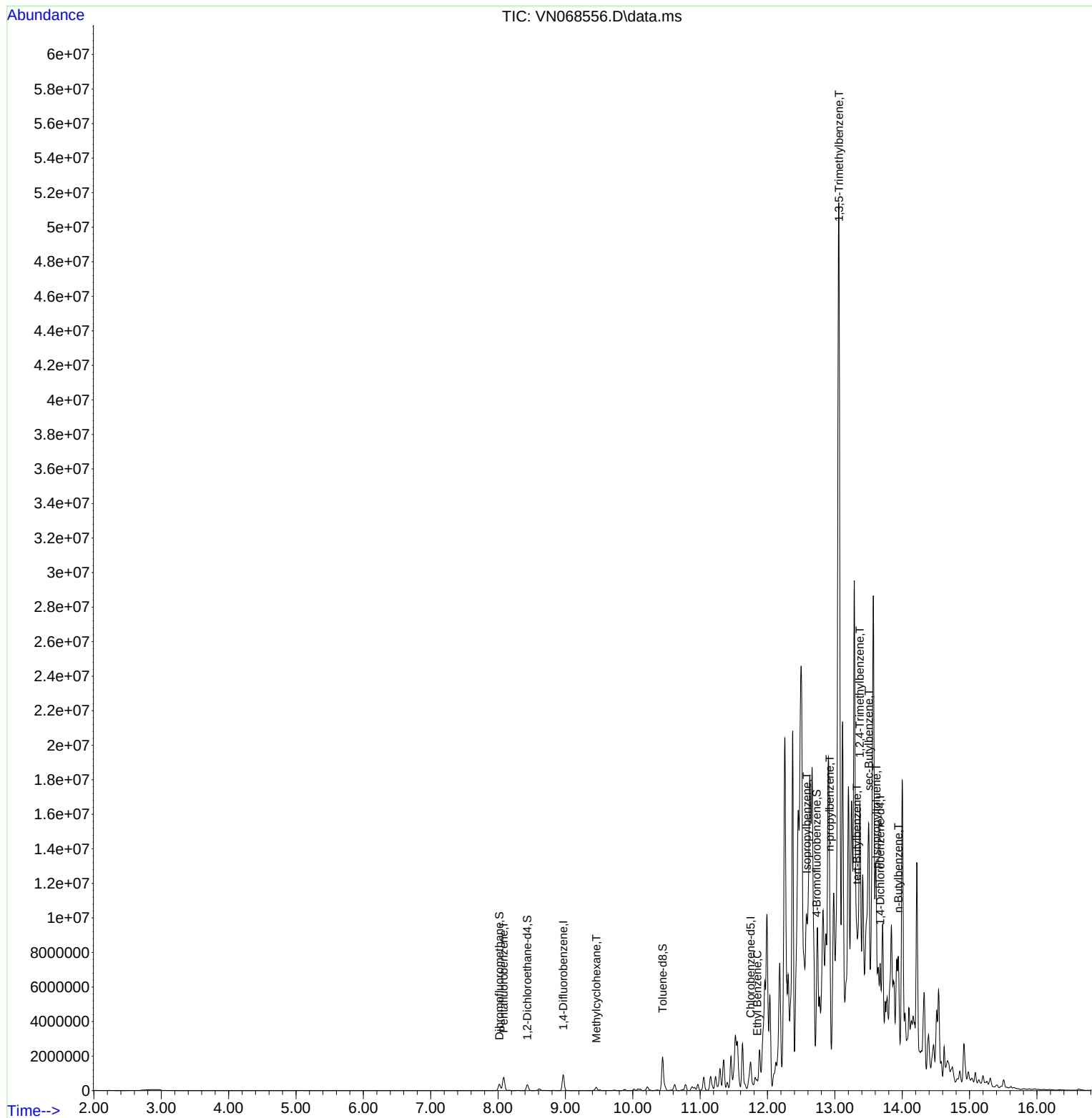
Internal Standards						
1) Pentafluorobenzene	8.083	168	721808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	948543	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	994640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	813913	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	285915	43.182	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.360%		
35) Dibromofluoromethane	8.019	113	274106	47.913	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.820%		
50) Toluene-d8	10.443	98	1169347	49.848	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.700%		
62) 4-Bromofluorobenzene	12.731	95	1008816	123.750	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	247.500%#		
Target Compounds						Qvalue
39) Methylcyclohexane	9.459	83	83860	8.382	ug/l	97
67) Ethyl Benzene	11.848	91	188920	5.649	ug/l	97
73) Isopropylbenzene	12.583	105	1531489	26.452	ug/l	100
78) n-propylbenzene	12.924	91	4906979	80.265	ug/l	100
80) 1,3,5-Trimethylbenzene	13.063	105	1829688	38.902	ug/l	100
83) tert-Butylbenzene	13.326	119	1050597	24.464	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	6474394	143.527	ug/l	99
85) sec-Butylbenzene	13.506	105	4532283	80.042	ug/l #	62
86) p-Isopropyltoluene	13.619	119	837259	17.518	ug/l	97
89) n-Butylbenzene	13.943	91	3183550	91.440	ug/l #	74

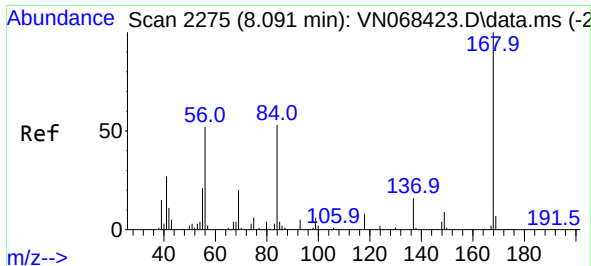
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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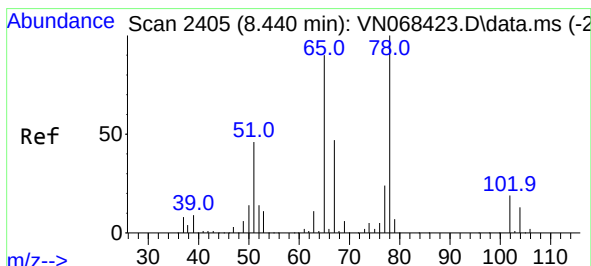
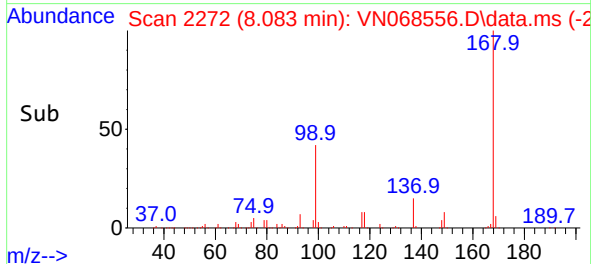
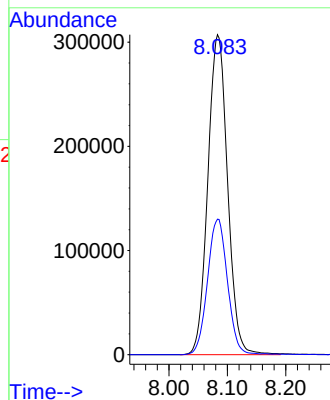
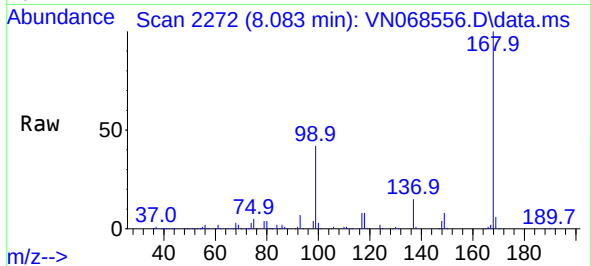




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.008 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

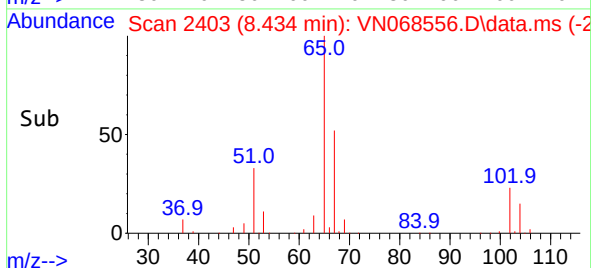
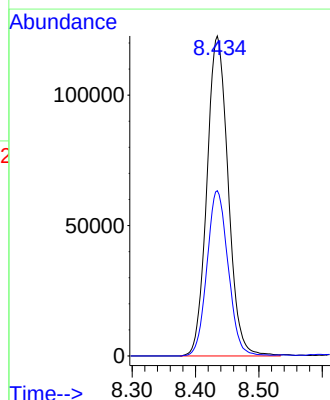
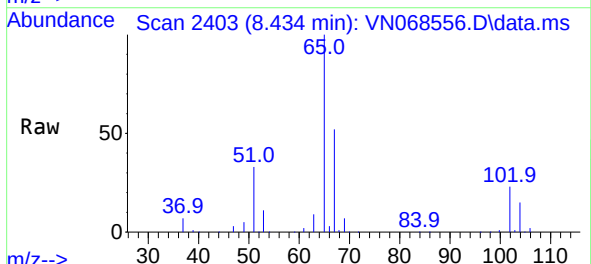
Instrument :
MSVOA_N
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NAPL-07-(8-10)-END-POINT

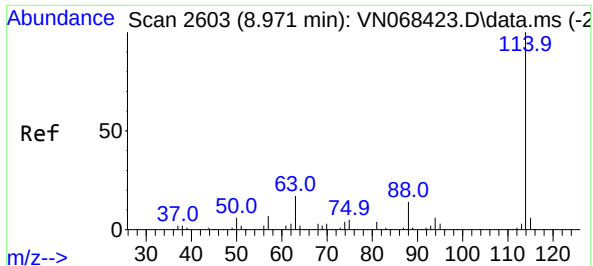
Tgt Ion:168 Resp: 721808
Ion Ratio Lower Upper
168 100
99 42.4 38.2 57.4



#33
1,2-Dichloroethane-d4
Concen: 43.182 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 65 Resp: 285915
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

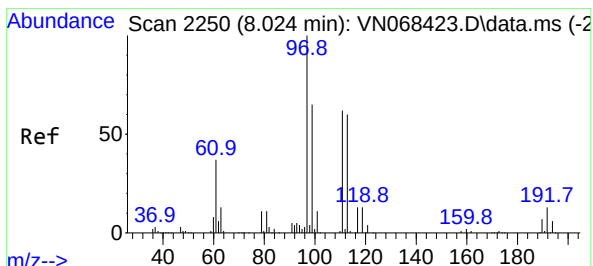
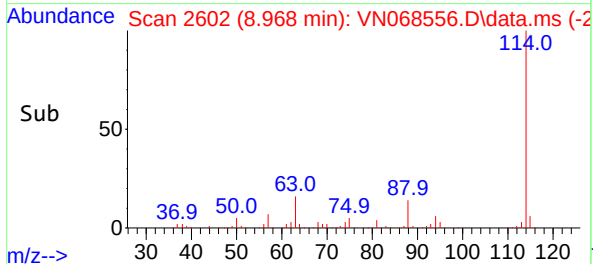
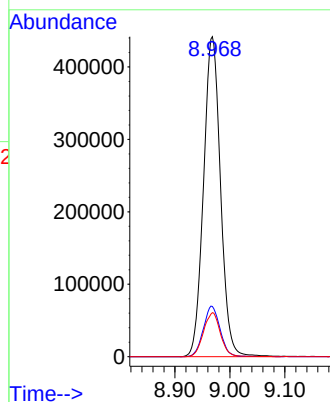
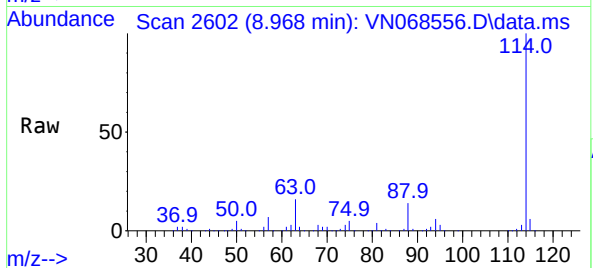




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

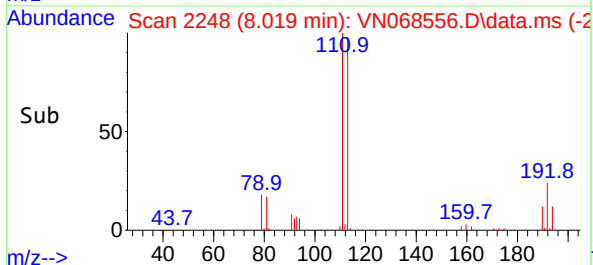
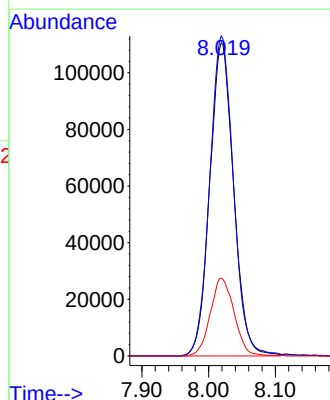
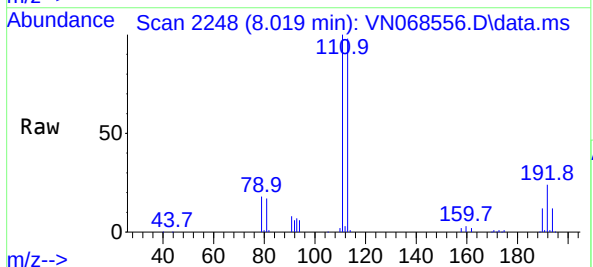
Instrument :
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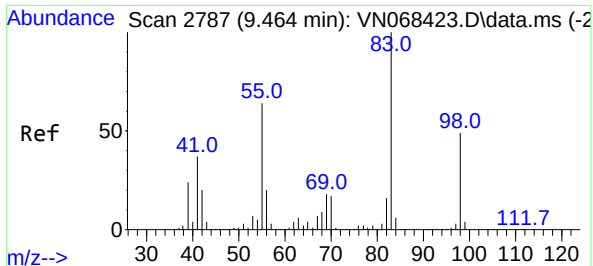
Tgt Ion:114 Resp: 948543
Ion Ratio Lower Upper
114 100
63 15.7 0.0 33.2
88 13.8 0.0 28.4



#35
Dibromofluoromethane
Concen: 47.913 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:113 Resp: 274106
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 24.8 17.7 26.5





#39

Methylcyclohexane

Concen: 8.382 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.005 min

Lab File: VN068556.D

Acq: 18 Sep 2021 7:44

Tgt Ion: 83 Resp: 83860

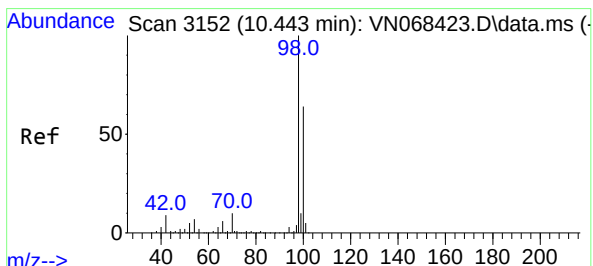
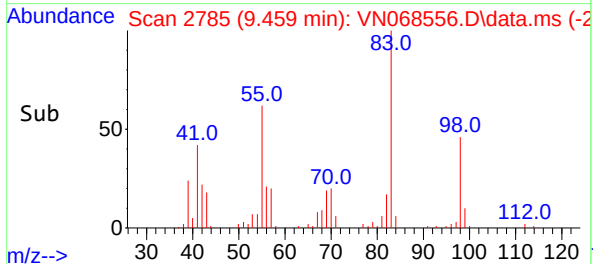
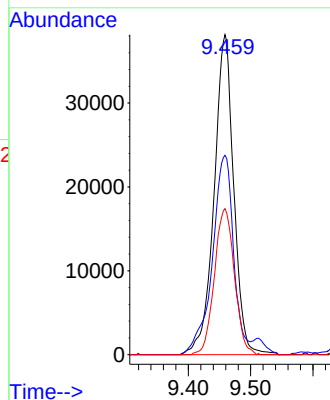
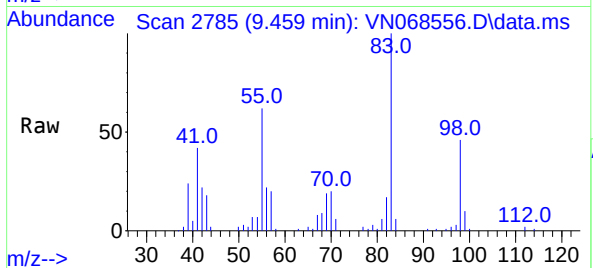
Ion	Ratio	Lower	Upper
83	100		
55	62.3	51.0	76.4
98	45.6	39.5	59.3

Instrument :

MSVOA_N

ClientSampleId :

NAPL-07-(8-10)-END-POINT



#50

Toluene-d8

Concen: 49.848 ug/l

RT: 10.443 min Scan# 3152

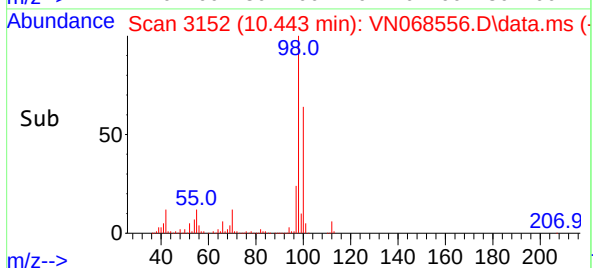
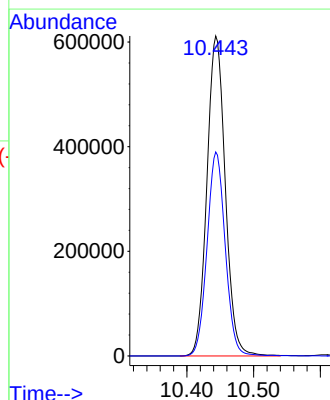
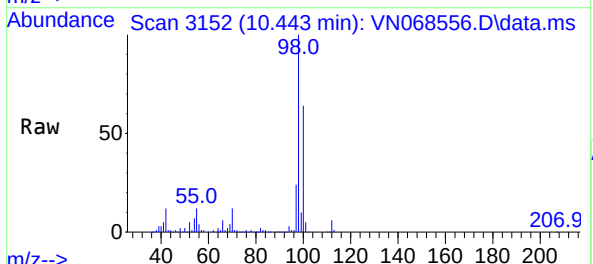
Delta R.T. 0.000 min

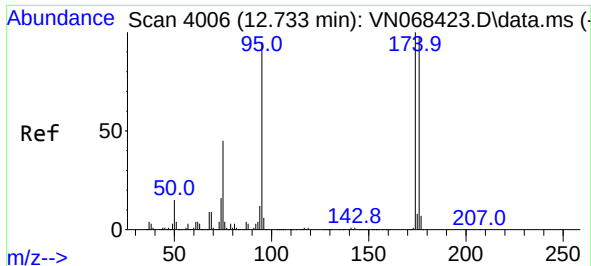
Lab File: VN068556.D

Acq: 18 Sep 2021 7:44

Tgt Ion: 98 Resp: 1169347

Ion	Ratio	Lower	Upper
98	100		
100	63.0	51.0	76.6

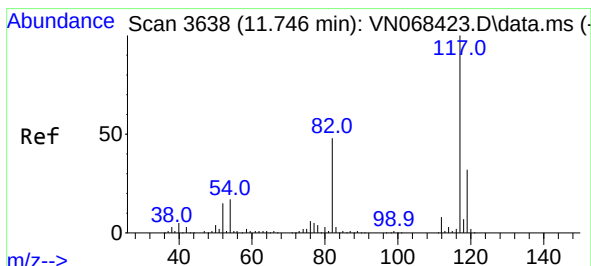
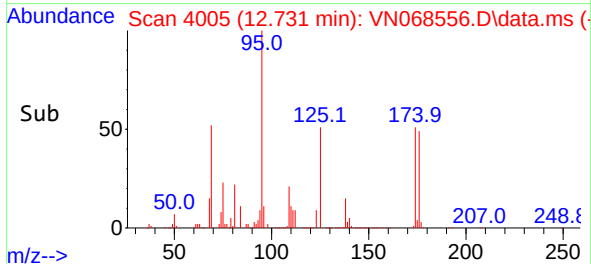
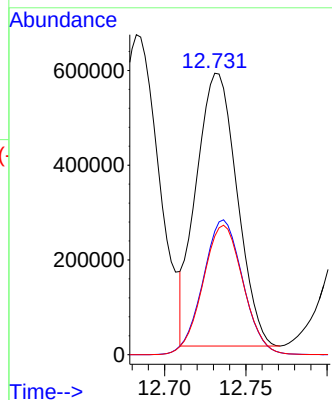
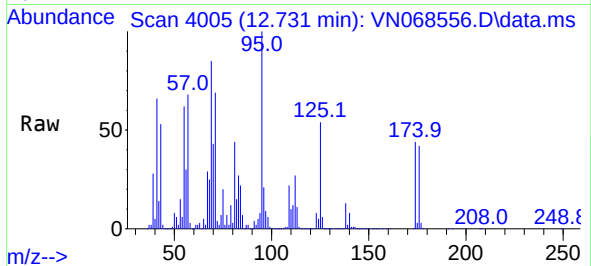




#62
4-Bromofluorobenzene
Concen: 123.750 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

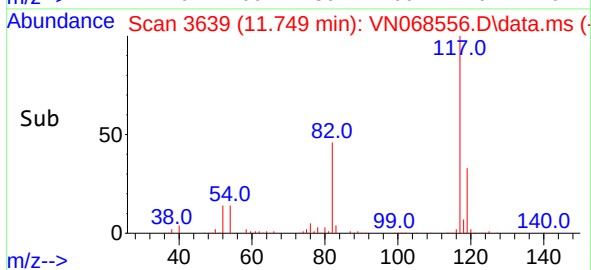
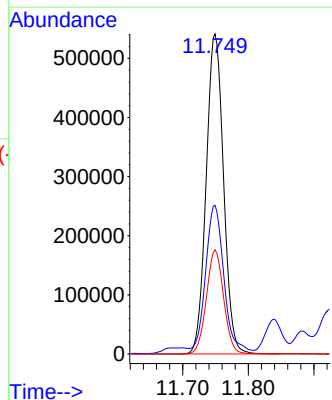
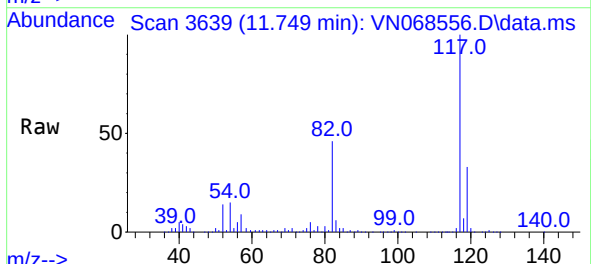
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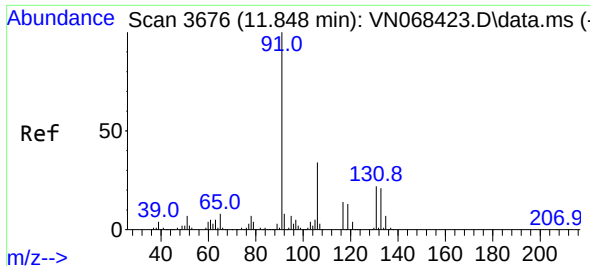
Tgt Ion: 95 Resp: 1008816
Ion Ratio Lower Upper
95 100
174 48.3 0.0 214.0
176 46.9 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 117 Resp: 994640
Ion Ratio Lower Upper
117 100
82 44.5 38.7 58.1
119 32.5 25.5 38.3

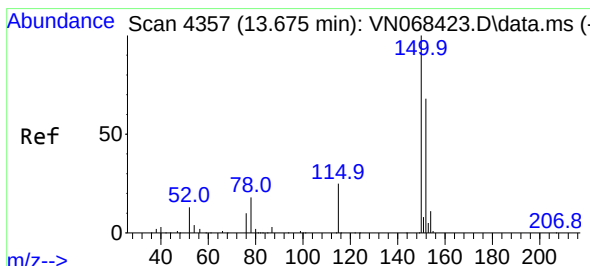
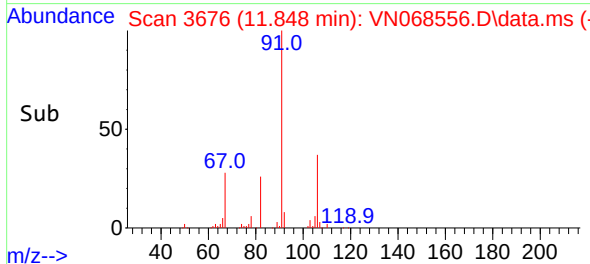
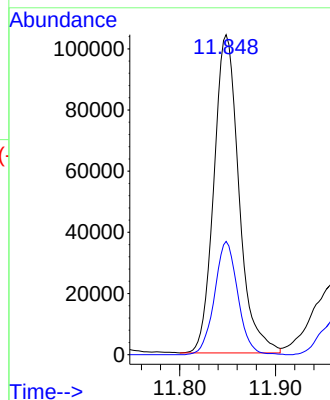
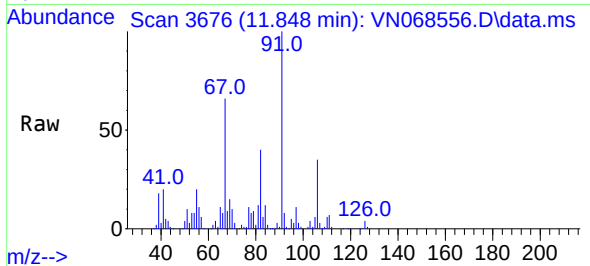




#67
Ethyl Benzene
Concen: 5.649 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

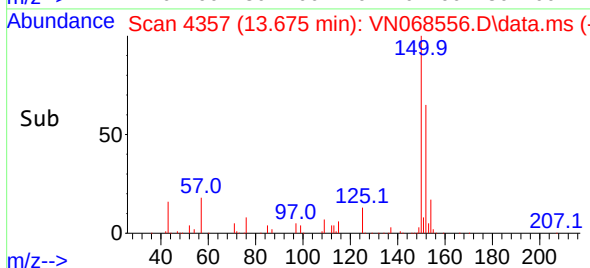
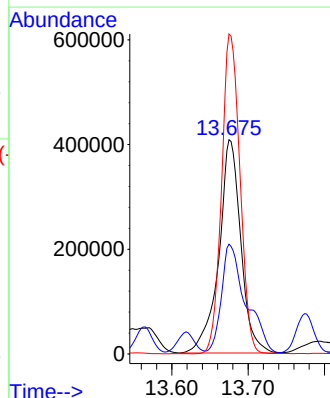
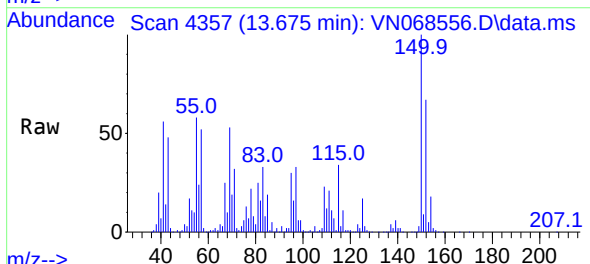
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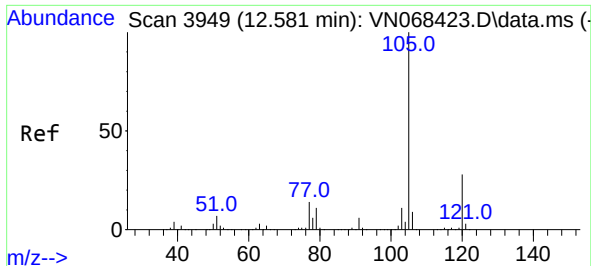
Tgt Ion: 91 Resp: 188920
Ion Ratio Lower Upper
91 100
106 35.6 27.1 40.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:152 Resp: 813913
Ion Ratio Lower Upper
152 100
115 56.3 25.6 76.6
150 125.4 0.0 346.8

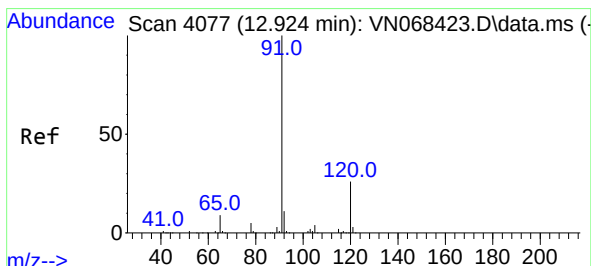
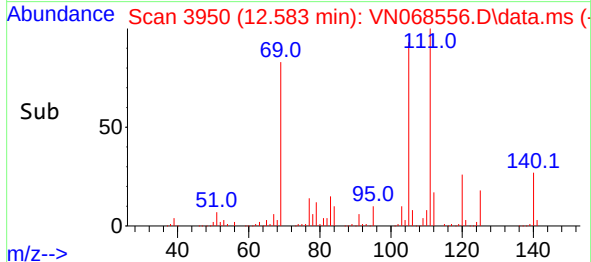
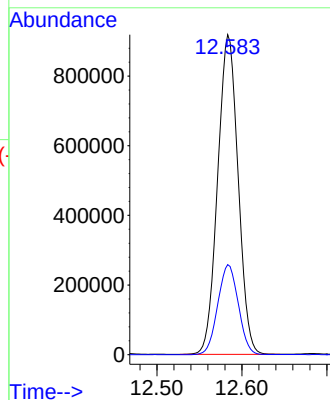
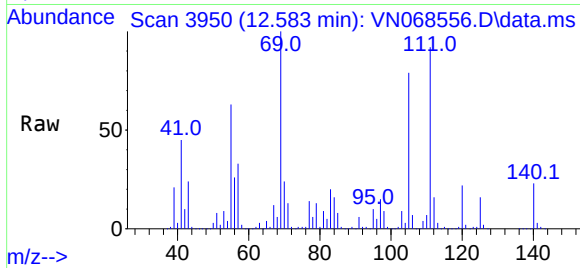




#73
Isopropylbenzene
Concen: 26.452 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

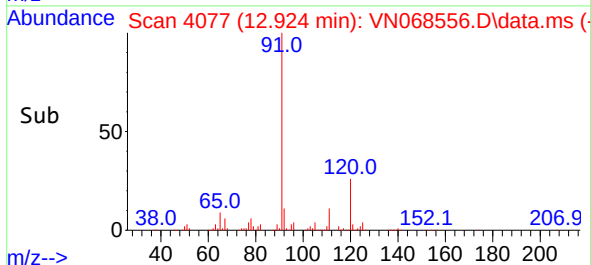
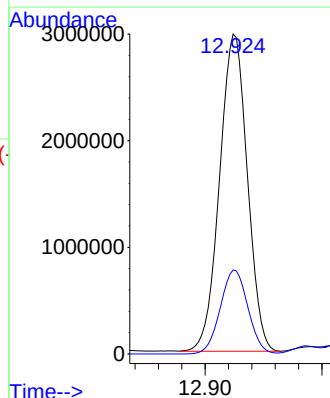
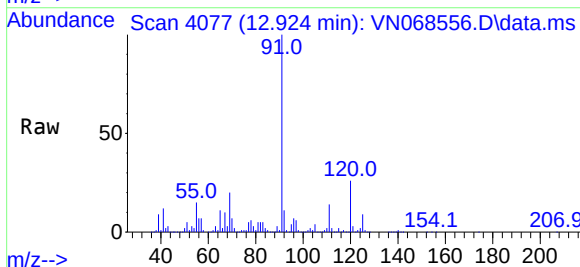
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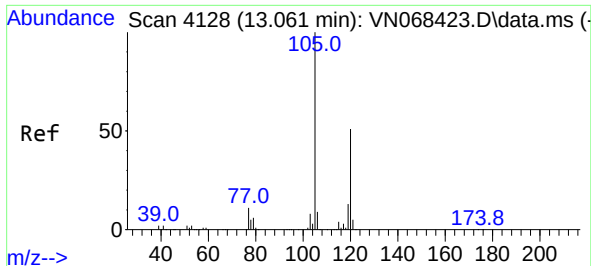
Tgt Ion:105 Resp: 1531489
Ion Ratio Lower Upper
105 100
120 28.4 14.1 42.3



#78
n-propylbenzene
Concen: 80.265 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 91 Resp: 4906979
Ion Ratio Lower Upper
91 100
120 26.3 13.2 39.6

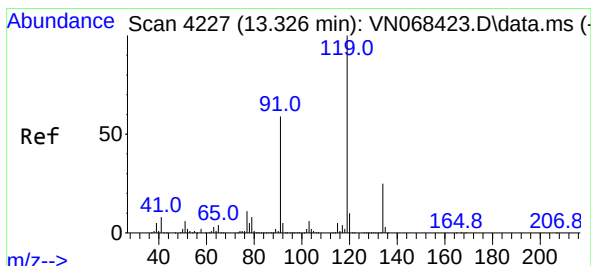
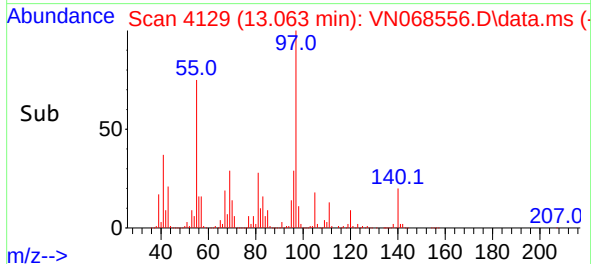
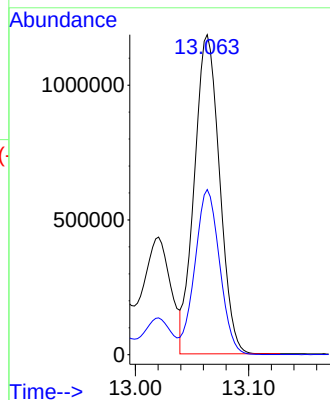
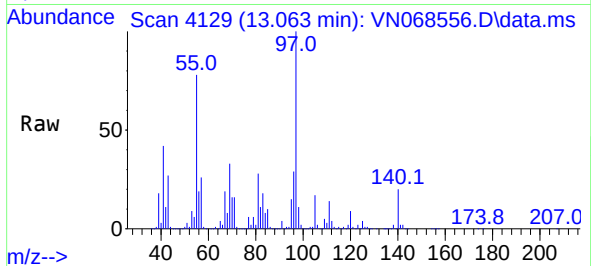




#80
1,3,5-Trimethylbenzene
Concen: 38.902 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

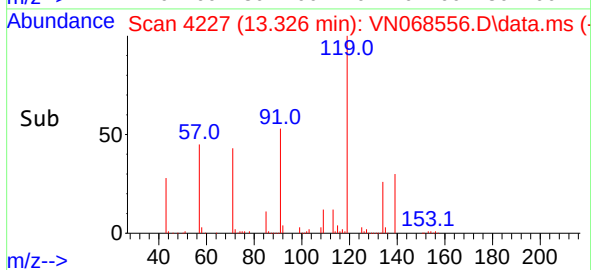
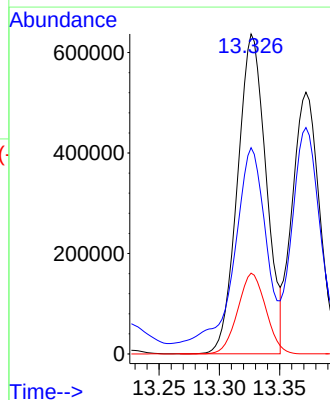
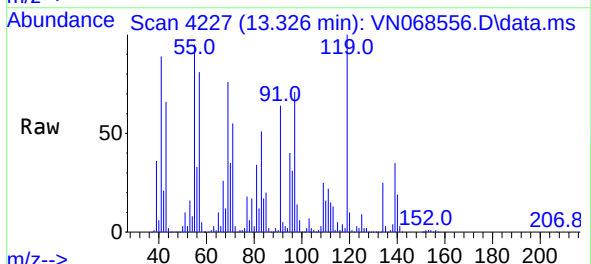
Instrument :
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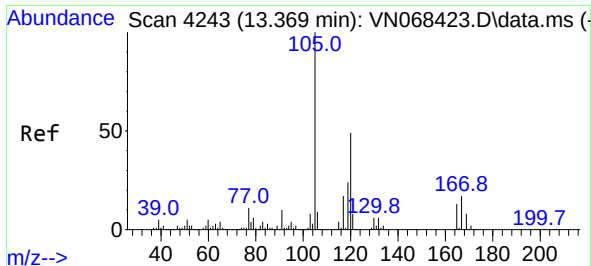
Tgt Ion:105 Resp: 1829688
Ion Ratio Lower Upper
105 100
120 51.1 25.7 77.1



#83
tert-Butylbenzene
Concen: 24.464 ug/l
RT: 13.326 min Scan# 4227
Delta R.T. 0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:119 Resp: 1050597
Ion Ratio Lower Upper
119 100
91 65.5 29.1 87.4
134 24.9 13.7 41.0

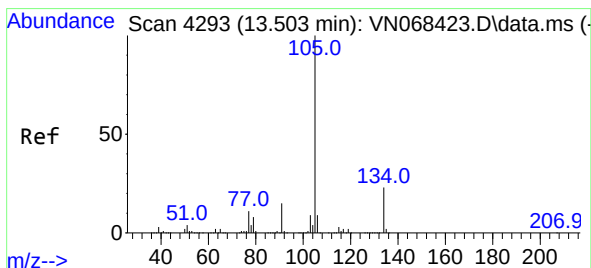
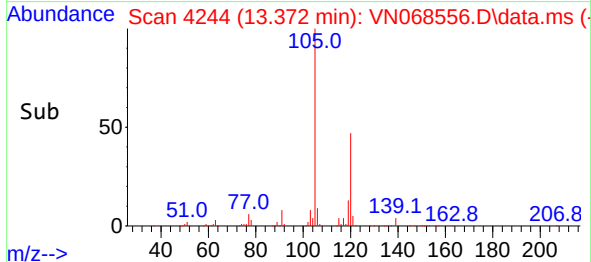
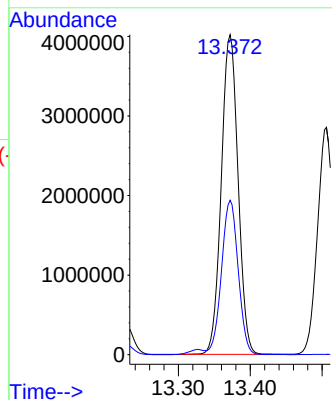
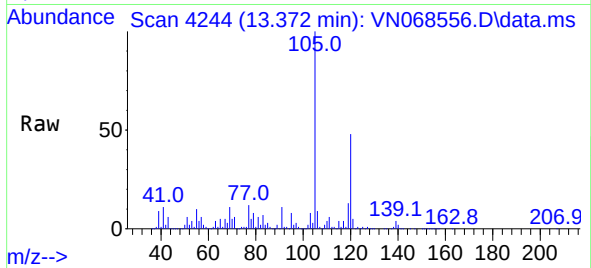




#84
1,2,4-Trimethylbenzene
Concen: 143.527 ug/l
RT: 13.372 min Scan# 4244
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

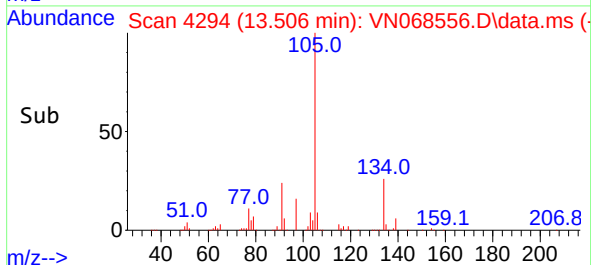
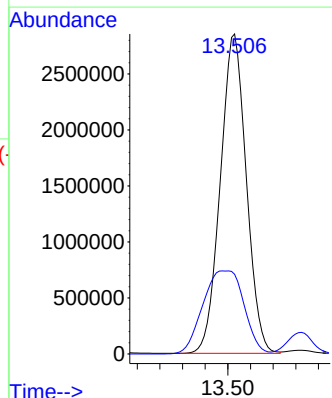
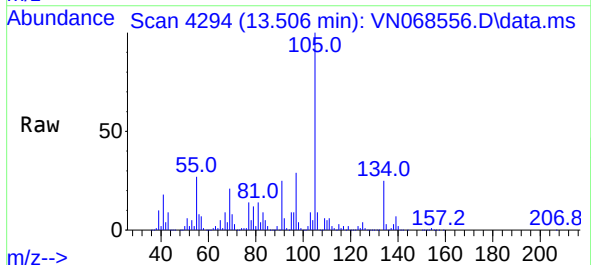
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

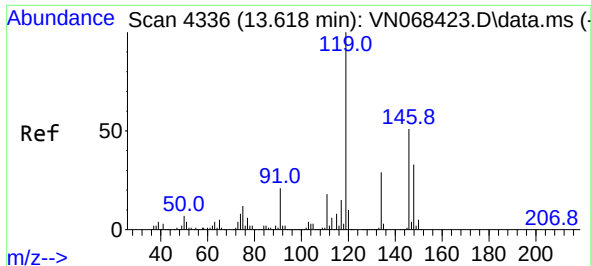
Tgt Ion:105 Resp: 6474394
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9



#85
sec-Butylbenzene
Concen: 80.042 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:105 Resp: 4532283
Ion Ratio Lower Upper
105 100
134 41.1 11.4 34.1#

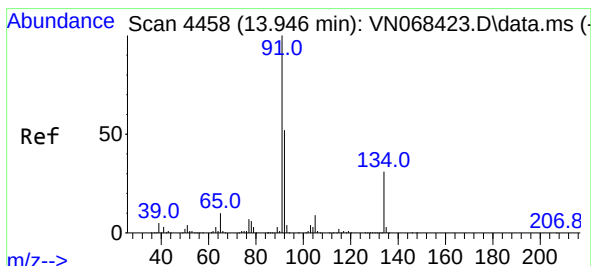
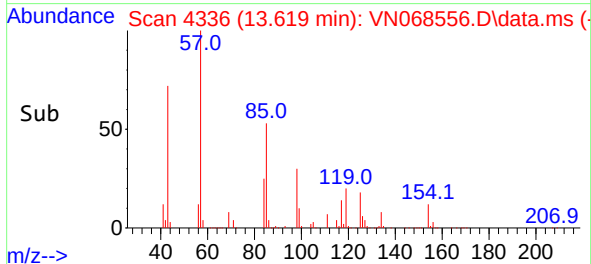
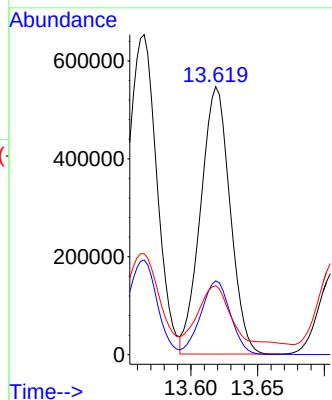
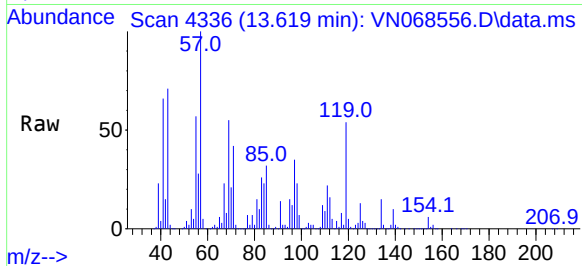




#86
p-Isopropyltoluene
Concen: 17.518 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

Tgt Ion:119 Resp: 837259
Ion Ratio Lower Upper
119 100
134 27.7 14.1 42.4
91 23.9 10.6 31.8



#89
n-Butylbenzene
Concen: 91.440 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 91 Resp: 3183550
Ion Ratio Lower Upper
91 100
92 46.1 26.0 78.0
134 0.0 15.4 46.2#

