

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068555.D
 Acq On : 18 Sep 2021 7:19
 Operator : JC/MD
 Sample : M3798-08
 Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-06-(8-10)-END-POINT

Manual Integrations
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 9/21/2021 6:58:18 PM

Quant Time: Sep 20 06:03:49 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	609379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	844762	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	1014790	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	1125275	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	269231	48.16	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.32%		
35) Dibromofluoromethane	8.018	113	248467	48.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.54%		
50) Toluene-d8	10.443	98	1122535	53.45	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.90%		
62) 4-Bromofluorobenzene	12.733	95	1565896	212.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	425.20%#		
Target Compounds						Qvalue
39) Methylcyclohexane	9.459	83	104815	11.76	ug/l	99
52) Toluene	10.507	92	16454	1.19	ug/l	98
67) Ethyl Benzene	11.848	91	947769	27.78	ug/l	98
68) m/p-Xylenes	11.956	106	2128115	154.90	ug/l	95
69) o-Xylene	12.283	106	336471	25.14	ug/l	67
73) Isopropylbenzene	12.583	105	2624257	32.78	ug/l	99
78) n-propylbenzene	12.924	91	9139145	108.13	ug/l	99
80) 1,3,5-Trimethylbenzene	13.053	105	20777195m	319.52	ug/l	
83) tert-Butylbenzene	13.329	119	1370085	23.08	ug/l	90
84) 1,2,4-Trimethylbenzene	13.356	105	25705273m	412.17	ug/l	
85) sec-Butylbenzene	13.506	105	6412224	81.91	ug/l #	63
86) p-Isopropyltoluene	13.621	119	7063500	106.90	ug/l	98
89) n-Butylbenzene	13.946	91	3610492	75.01	ug/l #	68

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

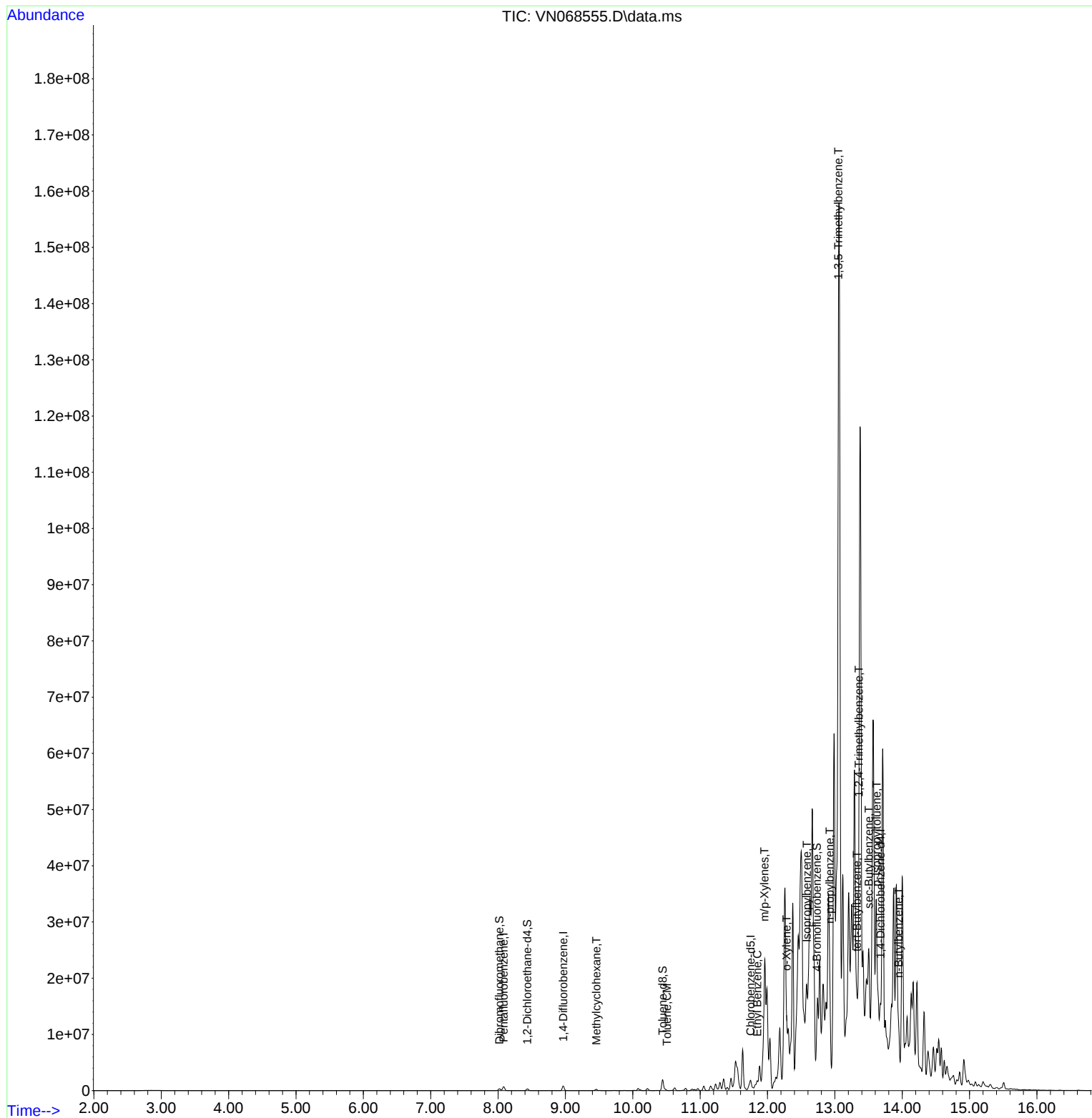
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
Data File : VN068555.D
Acq On : 18 Sep 2021 7:19
Operator : JC/MD
Sample : M3798-08
Misc : 6.04g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 49 Sample Multiplier: 1

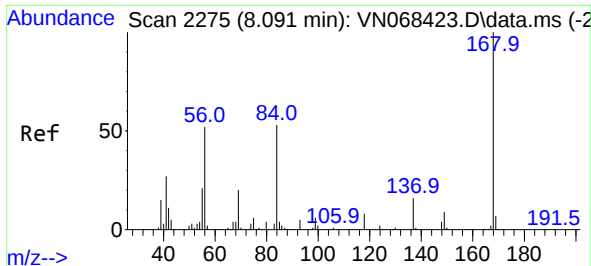
Instrument :
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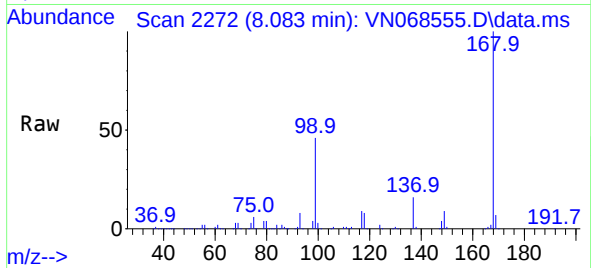
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Quant Time: Sep 20 06:03:49 2021
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Quant Title : SW846 8260
QLast Update : Fri Sep 17 11:02:11 2021
Response via : Initial Calibration

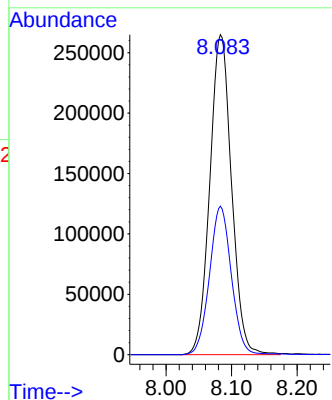
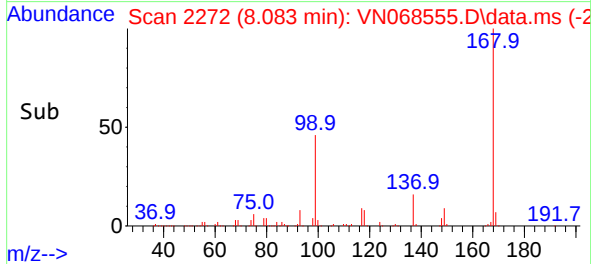




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.008 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19



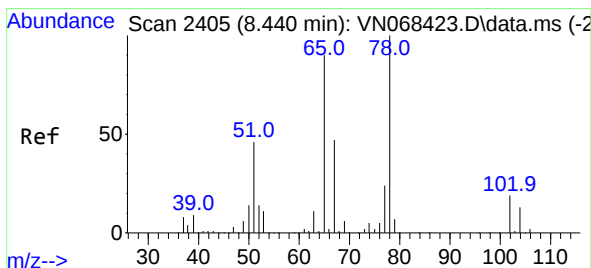
Tgt Ion: 168 Resp: 609379
Ion Ratio Lower Upper
168 100
99 46.4 38.2 57.4



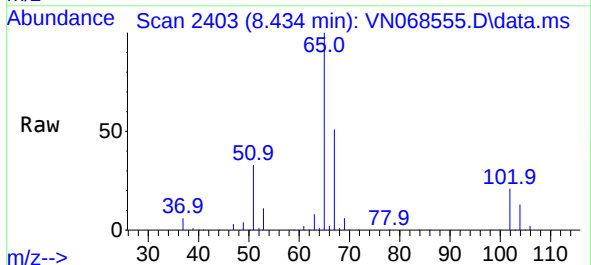
Instrument :
MSVOA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

Manual Integrations
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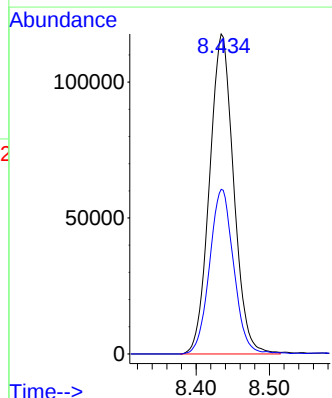
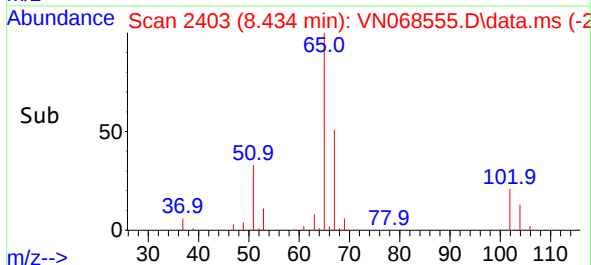
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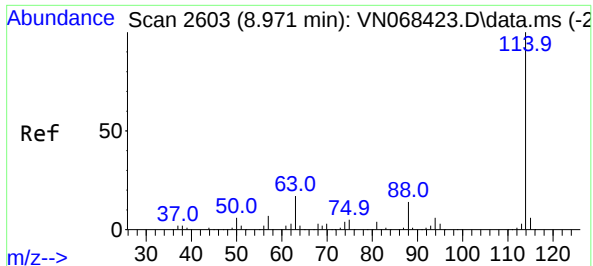


#33
1,2-Dichloroethane-d4
Concen: 48.16 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19



Tgt Ion: 65 Resp: 269231
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.0





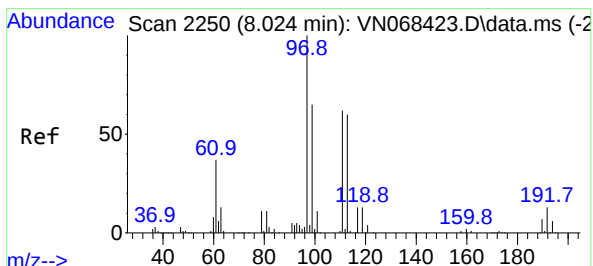
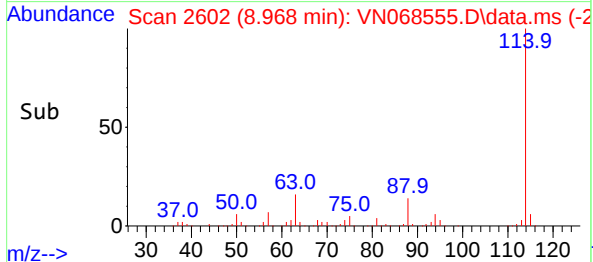
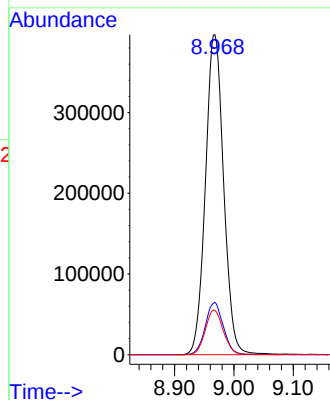
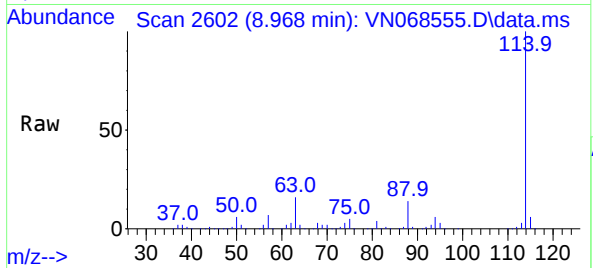
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068555.D
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Tgt Ion:	114	Resp:	844762
Ion Ratio	Lower	Upper	
114	100		
63	16.3	0.0	33.2
88	13.8	0.0	28.4

Instrument :
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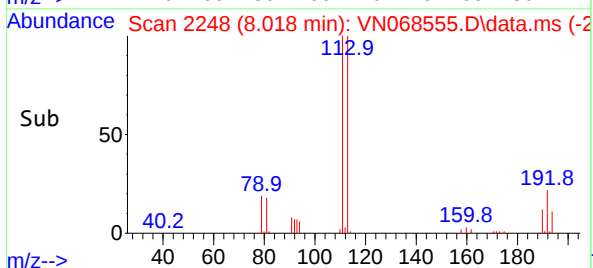
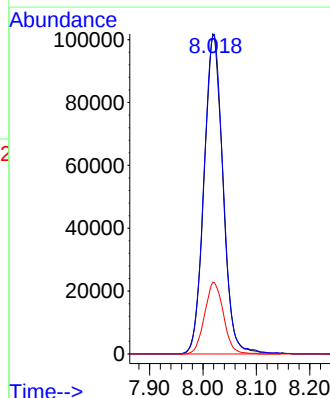
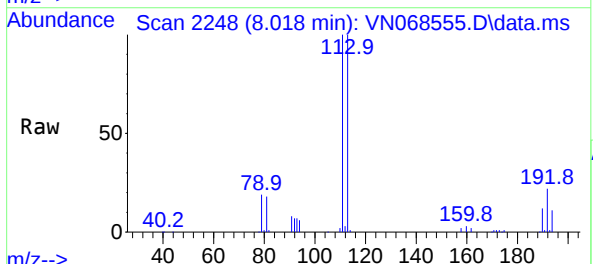
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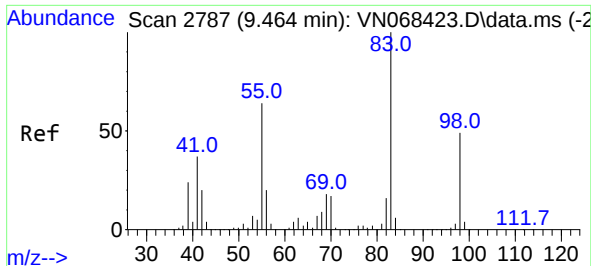
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#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

Tgt Ion:	113	Resp:	248467
Ion Ratio	Lower	Upper	
113	100		
111	102.0	81.1	121.7
192	22.4	17.7	26.5





#39

Methylcyclohexane

Concen: 11.76 ug/l

RT: 9.459 min Scan# 2785

Delta R.T. -0.005 min

Lab File: VN068555.D

Acq: 18 Sep 2021 7:19

Tgt Ion: 83 Resp: 104815

Ion Ratio Lower Upper

83 100

55 62.8 51.0 76.4

98 49.3 39.5 59.3

Instrument :

MSVOA_N

ClientSampleId :

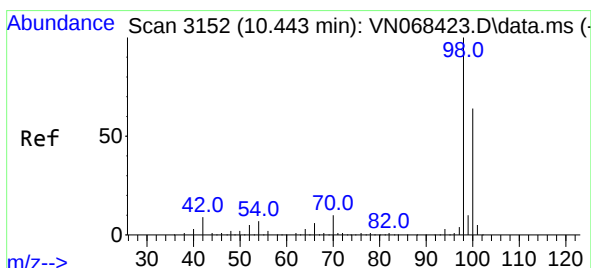
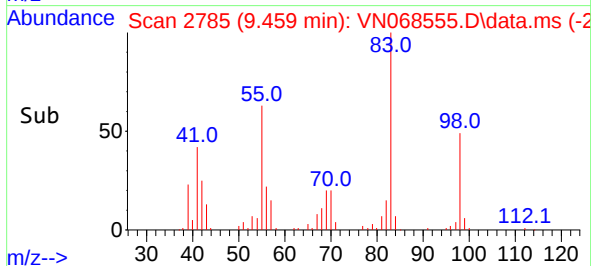
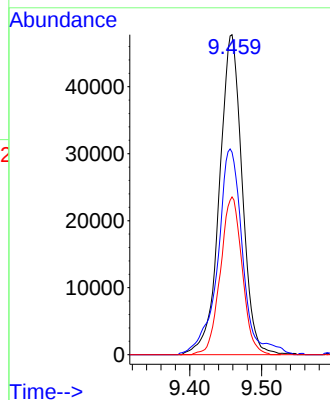
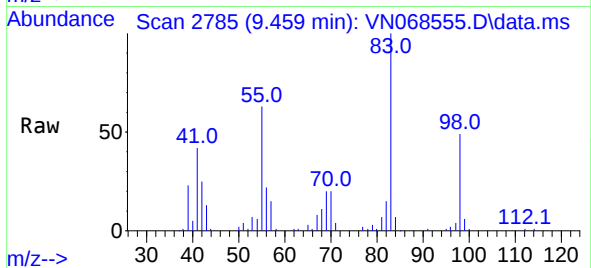
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#50

Toluene-d8

Concen: 53.45 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. -0.000 min

Lab File: VN068555.D

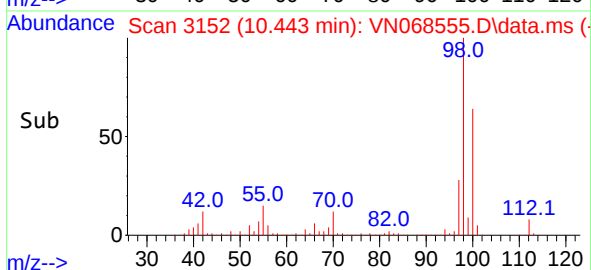
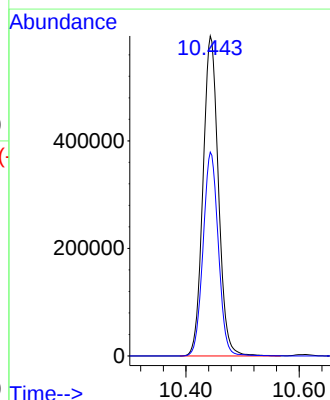
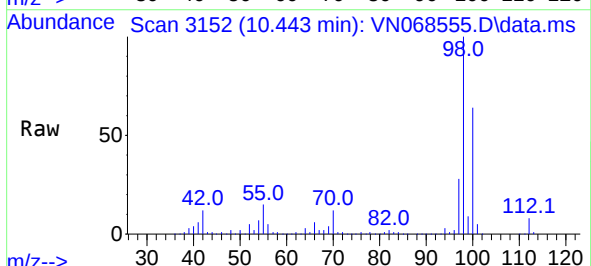
Acq: 18 Sep 2021 7:19

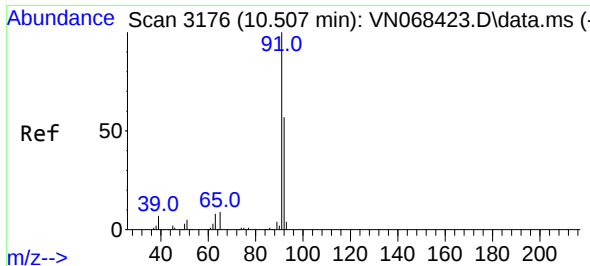
Tgt Ion: 98 Resp: 1122535

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6





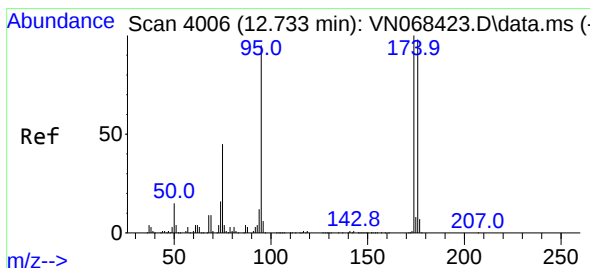
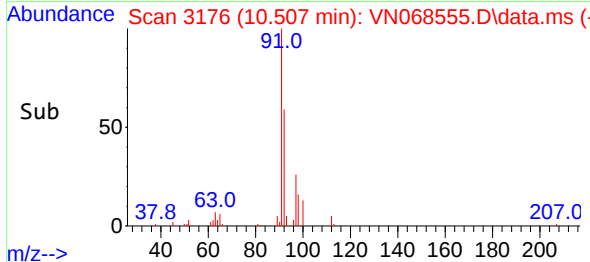
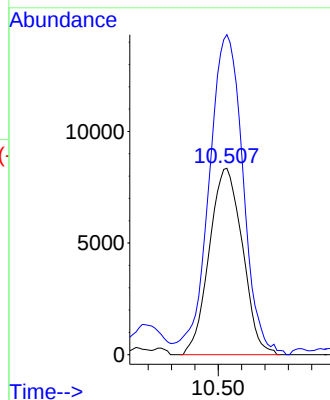
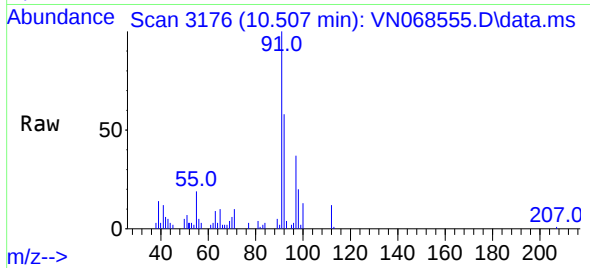
#52
Toluene
Concen: 1.19 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

Tgt Ion: 92 Resp: 16454
Ion Ratio Lower Upper
92 100
91 176.4 139.4 209.0

Instrument :
MSVOA_N
ClientSampleId :
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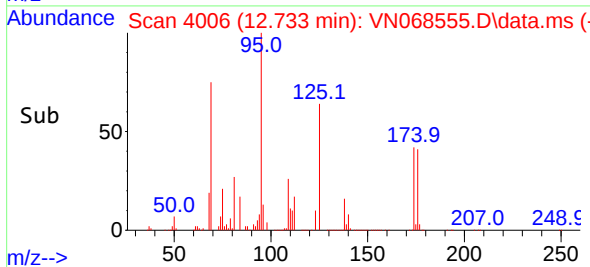
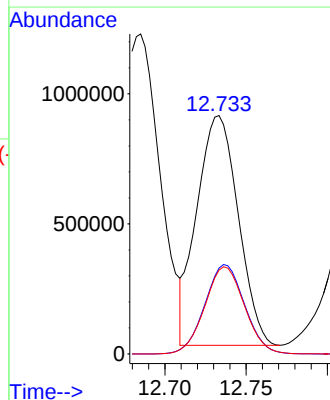
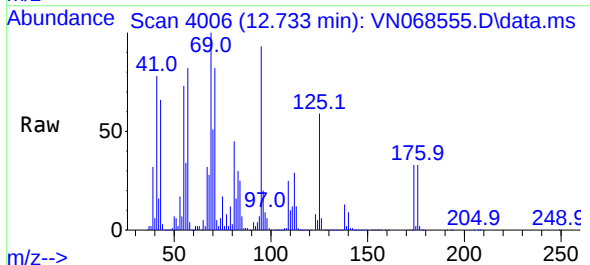
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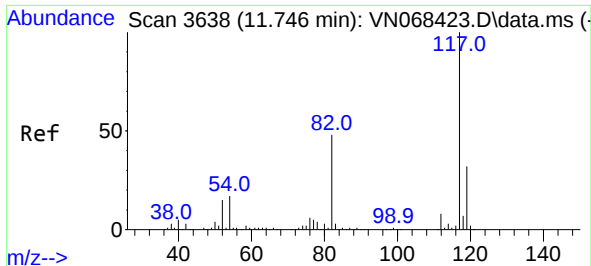
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#62
4-Bromofluorobenzene
Concen: 212.60 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

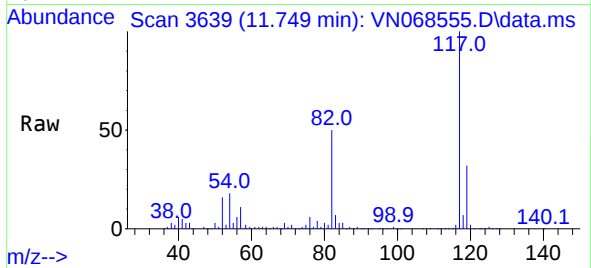
Tgt Ion: 95 Resp: 1565896
Ion Ratio Lower Upper
95 100
174 37.5 0.0 214.0
176 36.5 0.0 205.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

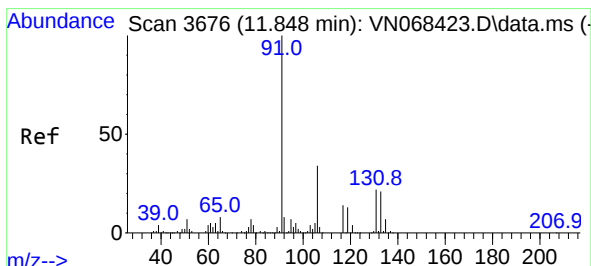
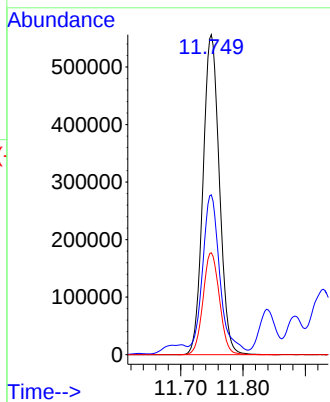
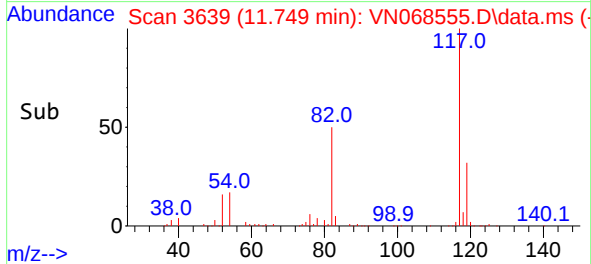
Instrument :
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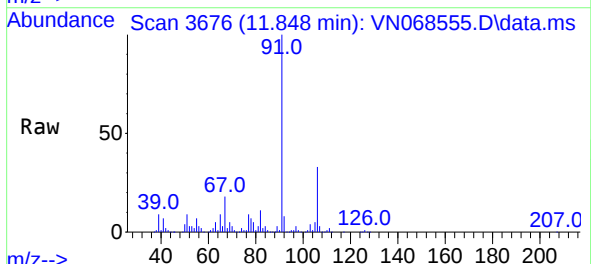
Tgt Ion:117 Resp: 1014790
Ion Ratio Lower Upper
117 100
82 47.0 38.7 58.1
119 31.9 25.5 38.3

Manual Integrations
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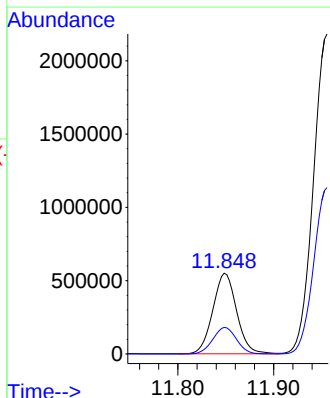
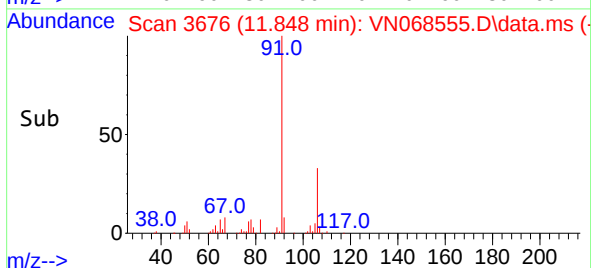
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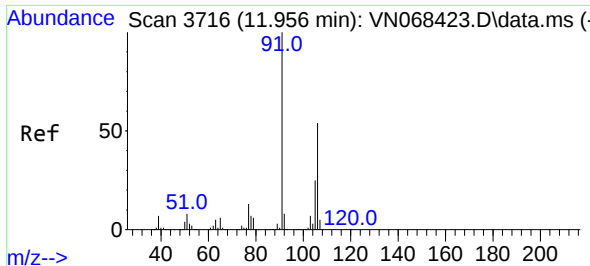


#67
Ethyl Benzene
Concen: 27.78 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19



Tgt Ion: 91 Resp: 947769
Ion Ratio Lower Upper
91 100
106 33.0 27.1 40.7





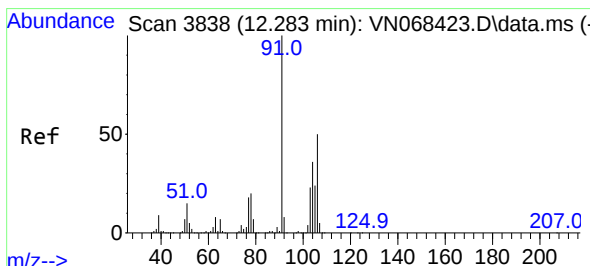
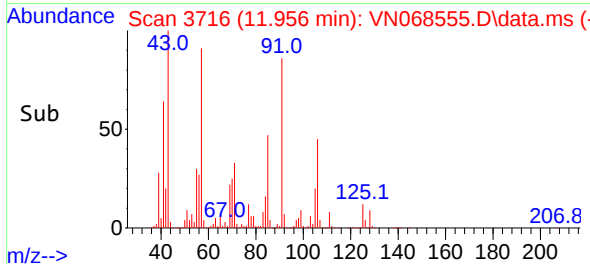
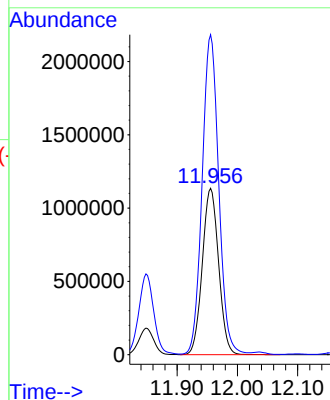
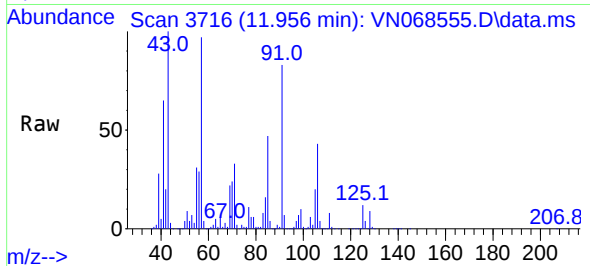
#68
m/p-Xylenes
Concen: 154.90 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. -0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

Tgt Ion:106 Resp: 2128115
Ion Ratio Lower Upper
106 100
91 194.5 149.5 224.3

Instrument :
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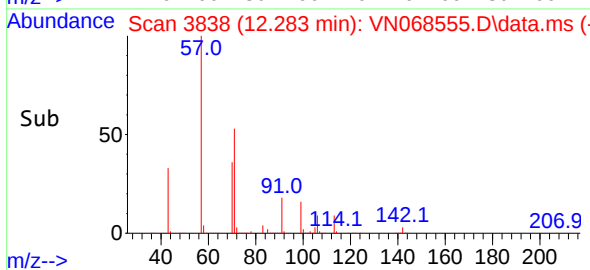
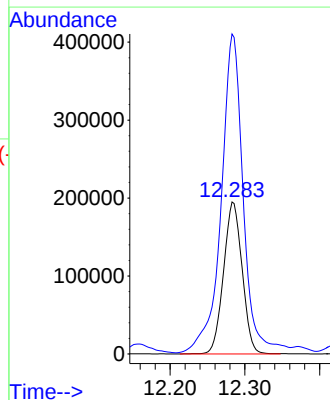
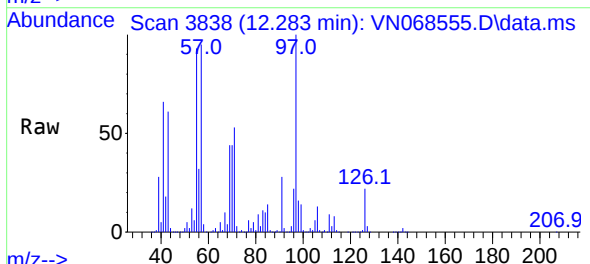
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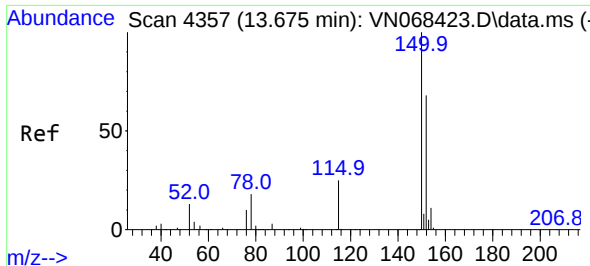
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#69
o-Xylene
Concen: 25.14 ug/l
RT: 12.283 min Scan# 3838
Delta R.T. -0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

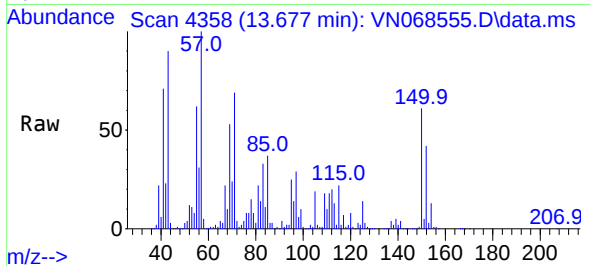
Tgt Ion:106 Resp: 336471
Ion Ratio Lower Upper
106 100
91 248.4 99.3 297.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

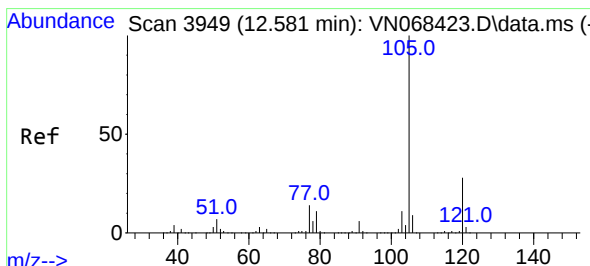
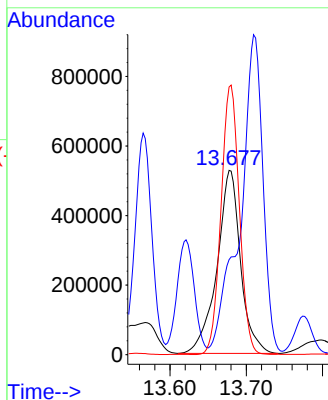
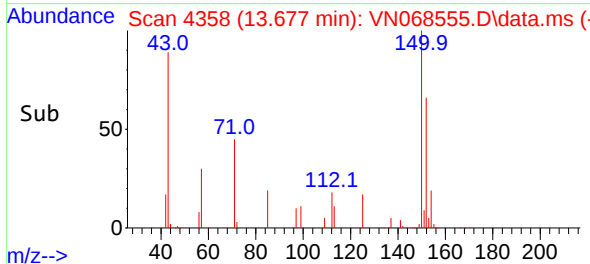
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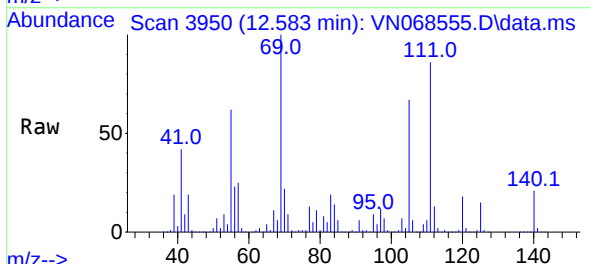
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Ion Ratio Lower Upper
152 100
115 0.0 25.6 76.6#
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Manual Integrations
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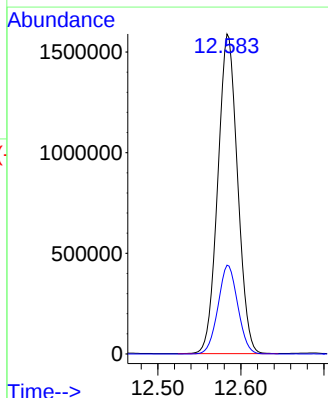
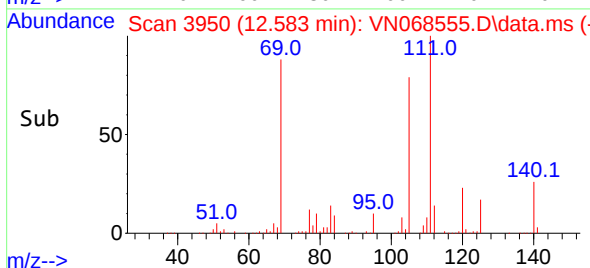
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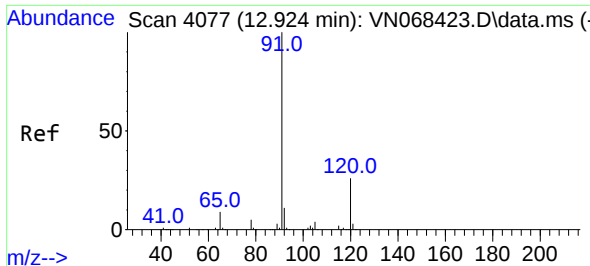


#73
Isopropylbenzene
Concen: 32.78 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

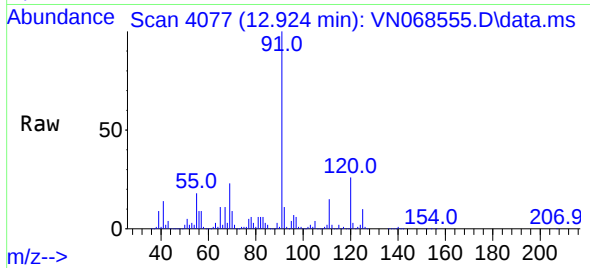


Tgt Ion:105 Resp: 2624257
Ion Ratio Lower Upper
105 100
120 27.8 14.1 42.3

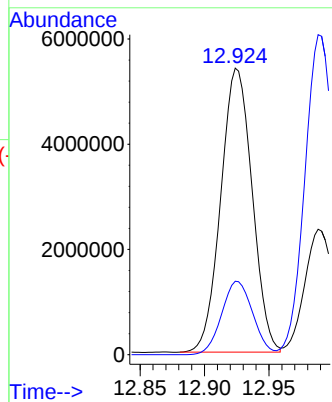
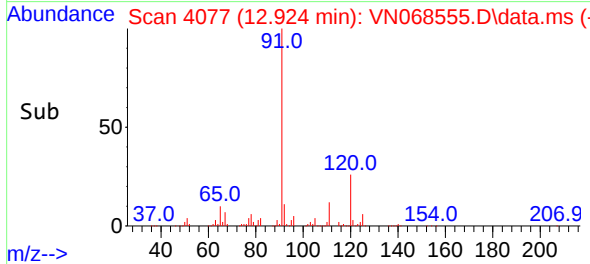




#78
n-propylbenzene
Concen: 108.13 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19



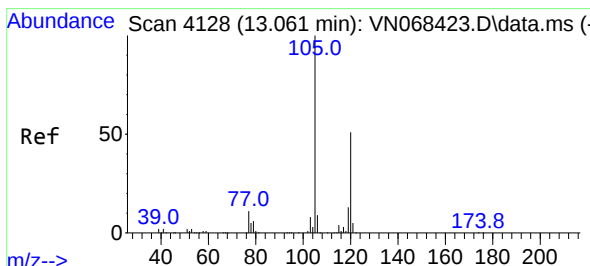
Tgt Ion: 91 Resp: 9139145
Ion Ratio Lower Upper
91 100
120 25.7 13.2 39.6



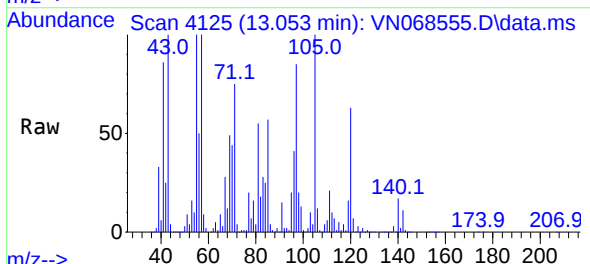
Instrument :
MSVOA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT

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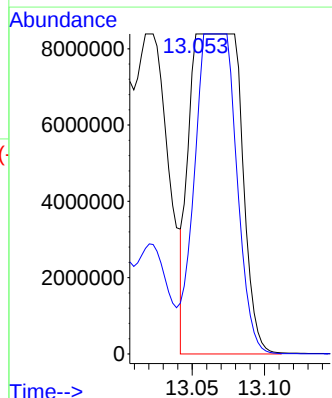
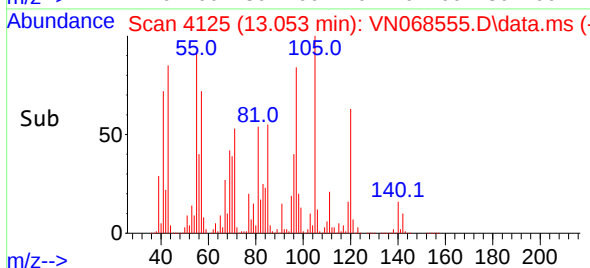
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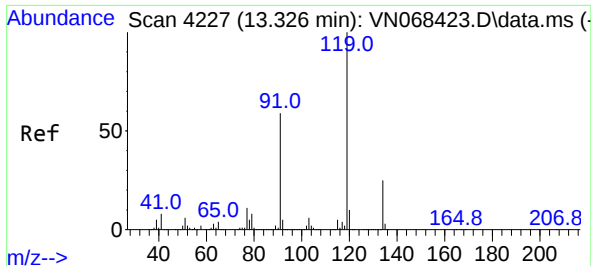


#80
1,3,5-Trimethylbenzene
Concen: 319.52 ug/l m
RT: 13.053 min Scan# 4125
Delta R.T. -0.008 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19



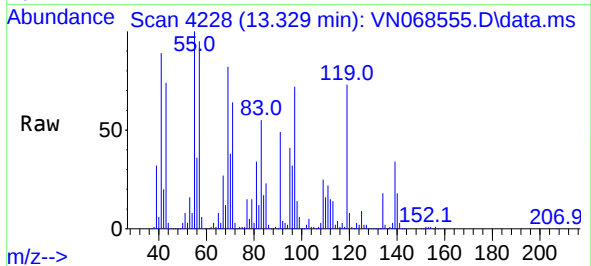
Tgt Ion:105 Resp:20777195
Ion Ratio Lower Upper
105 100
120 7.6 25.7 77.1#





#83
tert-Butylbenzene
Concen: 23.08 ug/l
RT: 13.329 min Scan# 4228
Delta R.T. 0.003 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

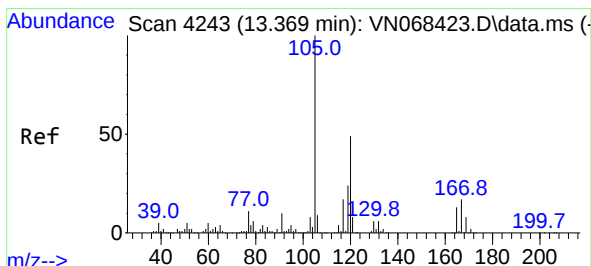
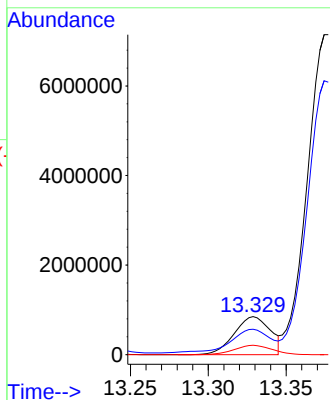
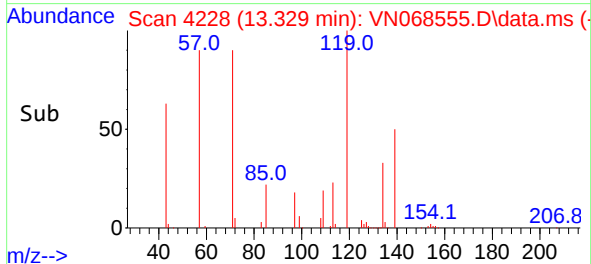
Instrument :
MSVOA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT



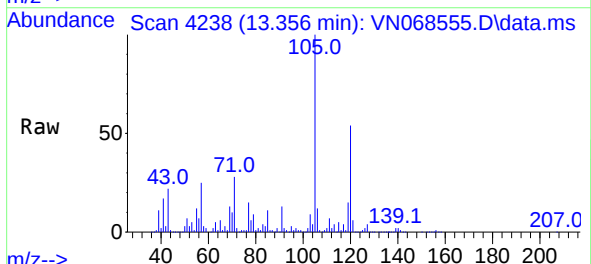
Tgt Ion:119 Resp: 1370085
Ion Ratio Lower Upper
119 100
91 68.2 29.1 87.4
134 25.9 13.7 41.0

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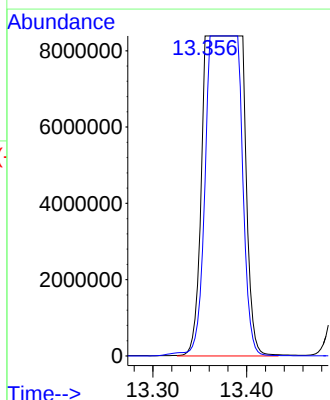
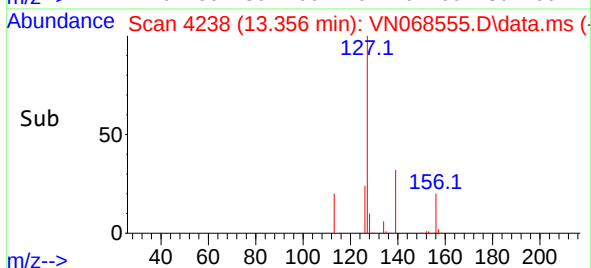
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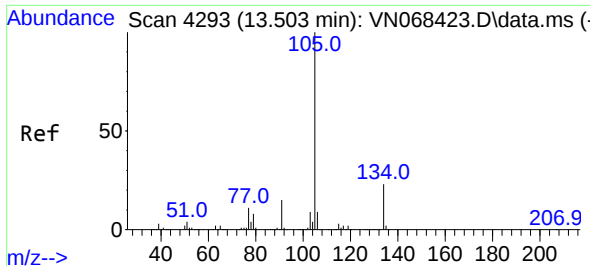


#84
1,2,4-Trimethylbenzene
Concen: 412.17 ug/l m
RT: 13.356 min Scan# 4238
Delta R.T. -0.013 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19



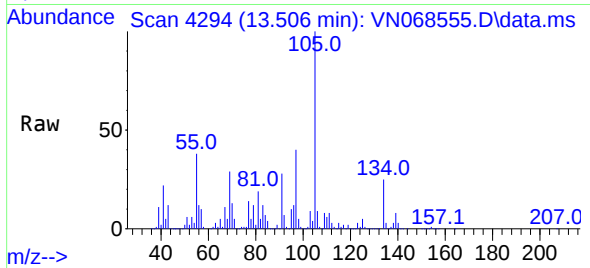
Tgt Ion:105 Resp:25705273
Ion Ratio Lower Upper
105 100
120 6.2 24.3 72.9#





#85
 sec-Butylbenzene
 Concen: 81.91 ug/l
 RT: 13.506 min Scan# 4294
 Delta R.T. 0.003 min
 Lab File: VN068555.D
 Acq: 18 Sep 2021 7:19

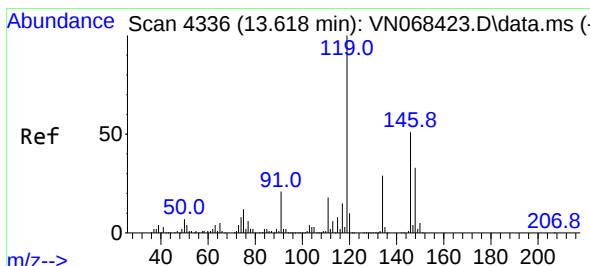
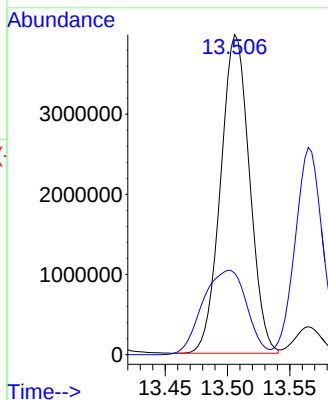
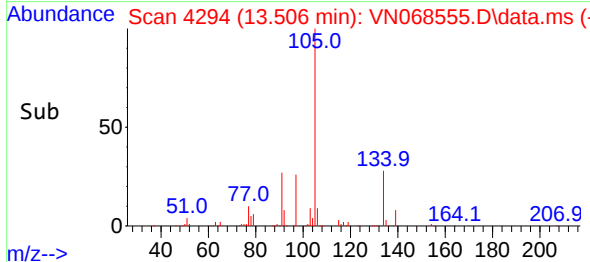
Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-06-(8-10)-END-POINT



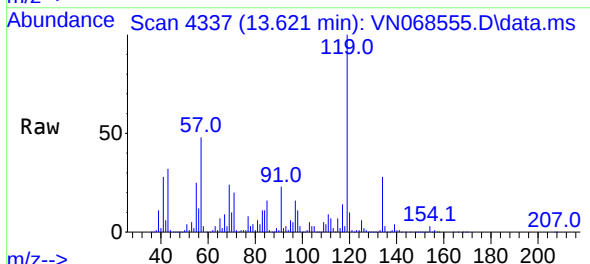
Tgt Ion:105 Resp: 6412224
 Ion Ratio Lower Upper
 105 100
 134 40.3 11.4 34.1#

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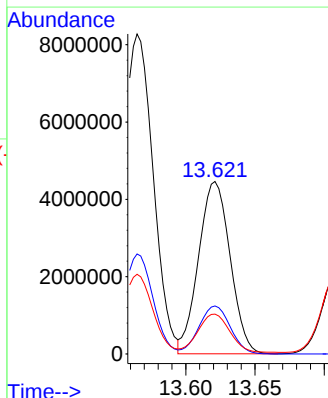
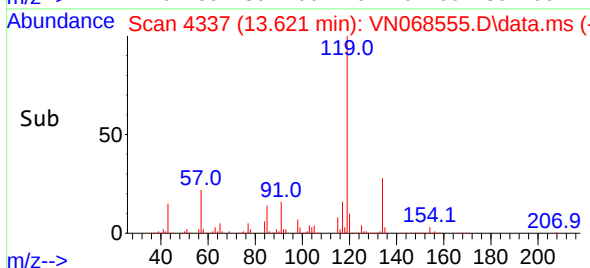
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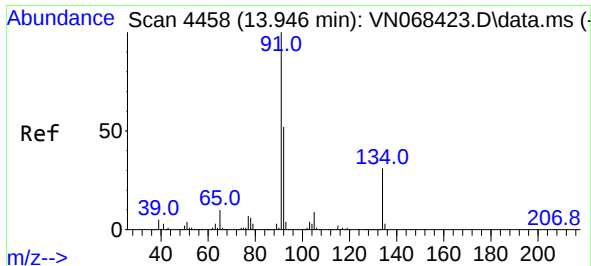


#86
 p-Isopropyltoluene
 Concen: 106.90 ug/l
 RT: 13.621 min Scan# 4337
 Delta R.T. 0.003 min
 Lab File: VN068555.D
 Acq: 18 Sep 2021 7:19



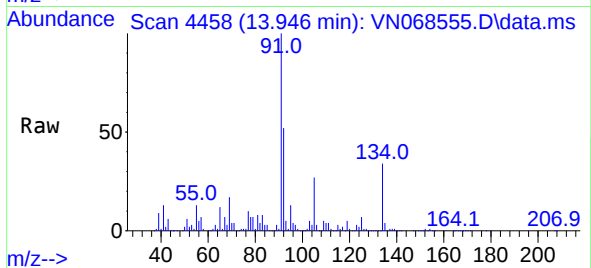
Tgt Ion:119 Resp: 7063500
 Ion Ratio Lower Upper
 119 100
 134 27.7 14.1 42.4
 91 22.2 10.6 31.8





#89
n-Butylbenzene
Concen: 75.01 ug/l
RT: 13.946 min Scan# 4458
Delta R.T. -0.000 min
Lab File: VN068555.D
Acq: 18 Sep 2021 7:19

Instrument :
MSVOA_N
ClientSampleId :
NAPL-06-(8-10)-END-POINT



Tgt Ion: 91 Resp: 3610492
Ion Ratio Lower Upper
91 100
92 64.4 26.0 78.0
134 0.0 15.4 46.2#

Manual Integrations
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