

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	
3) Chloromethane	2.298	50	526	Below Cal	#	78
5) Bromomethane	2.840	94	207	Below Cal	#	66
11) Tert butyl alcohol	5.307	59	322	Below Cal	#	84
16) Acetone	4.309	43	3295	Below Cal		94
18) Methyl Acetate	4.862	43	4264	Below Cal	#	79
20) Methylene Chloride	5.063	84	3101	Below Cal		92
25) 2-Butanone	7.340	43	1467	0.456	ug/l	99
31) Cyclohexane	8.078	56	13034	1.299	ug/l #	46
36) 1,1-Dichloropropene	8.083	75	38025	4.808	ug/l #	47
38) Carbon Tetrachloride	8.083	117	59578	6.289	ug/l #	17
39) Methylcyclohexane	9.459	83	83860	8.382	ug/l	97
43) Isopropyl Acetate	8.611	43	21612	2.036	ug/l #	51
48) Methyl methacrylate	9.507	41	6791	1.532	ug/l #	6
51) 4-Methyl-2-Pentanone	10.438	43	19488	3.217	ug/l	97
55) 1,1,2-Trichloroethane	10.878	97	94038	15.257	ug/l #	24
56) Ethyl methacrylate	10.738	69	16066	2.099	ug/l #	78
58) 2-Chloroethyl Vinyl ether	9.885	63	52	9.064	ug/l #	40
59) 2-Hexanone	11.055	43	272603	67.186	ug/l #	26
60) Dibromochloromethane	11.154	129	1231	1.943	ug/l	60
64) Tetrachloroethene	10.980	164	3927	0.445	ug/l	88
65) Chlorobenzene	11.881	112	60181	2.945	ug/l #	42
67) Ethyl Benzene	11.848	91	188920	5.649	ug/l	97
68) m/p-Xylenes	11.961	106	21624	1.606	ug/l #	61
69) o-Xylene	12.286	106	8119	0.619	ug/l #	1
70) Styrene	12.460	104	1395	1.812	ug/l #	1
71) Bromoform	12.685	173	160	2.546	ug/l #	29
73) Isopropylbenzene	12.583	105	1531489	26.452	ug/l	100
74) N-amyl acetate	12.374	43	3487056	270.034	ug/l #	58
75) 1,1,2,2-Tetrachloroethane	12.814	83	302068	18.611	ug/l #	12
76) 1,2,3-Trichloropropane	12.924	75	29653	1.586	ug/l #	1
78) n-propylbenzene	12.924	91	4906979	80.265	ug/l	100
79) 2-Chlorotoluene	13.061	91	360546	9.566	ug/l	81
80) 1,3,5-Trimethylbenzene	13.063	105	1829688	38.902	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.583	75	15704	4.276	ug/l #	2
82) 4-Chlorotoluene	13.061	91	367965	10.124	ug/l	81
83) tert-Butylbenzene	13.326	119	1050597	24.464	ug/l	92

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

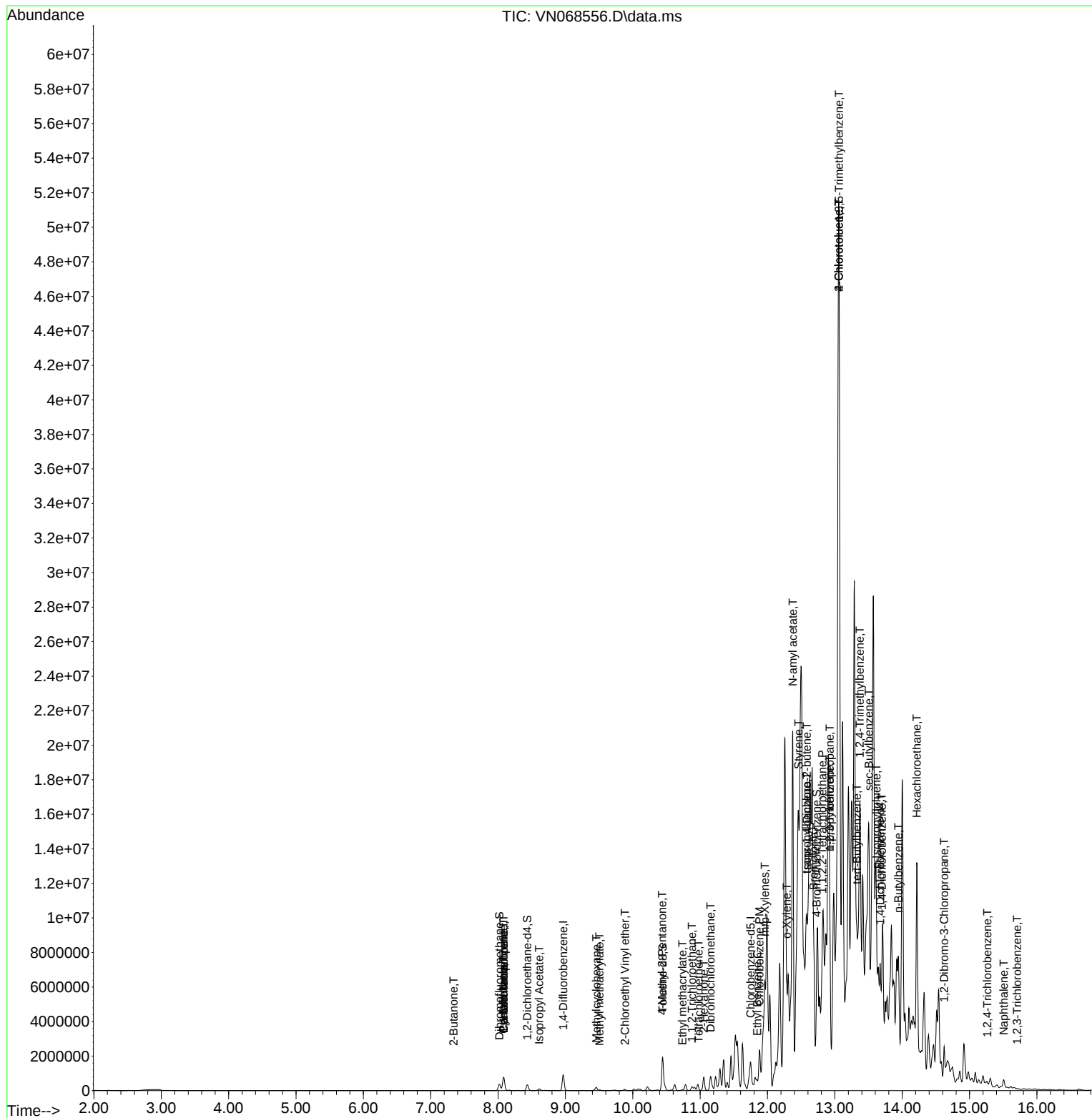
84) 1,2,4-Trimethylbenzene	13.372	105	6474394	143.527	ug/l	99
85) sec-Butylbenzene	13.506	105	4532283	80.042	ug/l #	62
86) p-Isopropyltoluene	13.619	119	837259	17.518	ug/l	97
88) 1,4-Dichlorobenzene	13.699	146	6120	0.223	ug/l #	1
89) n-Butylbenzene	13.943	91	3183550	91.440	ug/l #	74
90) Hexachloroethane	14.217	117	512482	61.087	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.622	75	3250	1.261	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.263	180	1167	3.031	ug/l #	1
95) Naphthalene	15.507	128	507728	18.153	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	1083	3.045	ug/l #	12

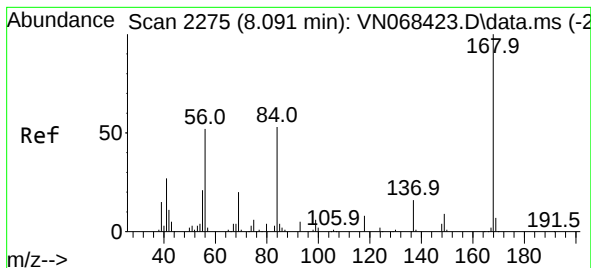
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.008 min

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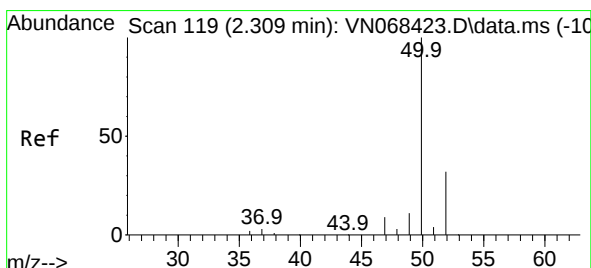
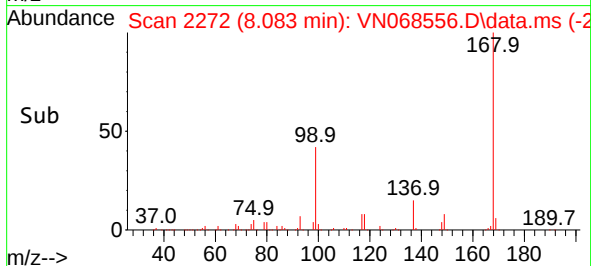
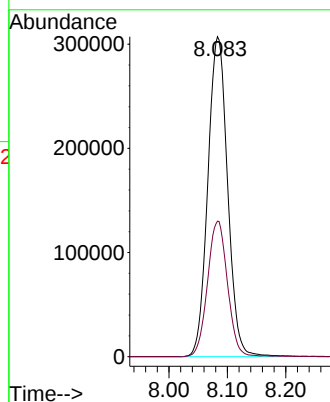
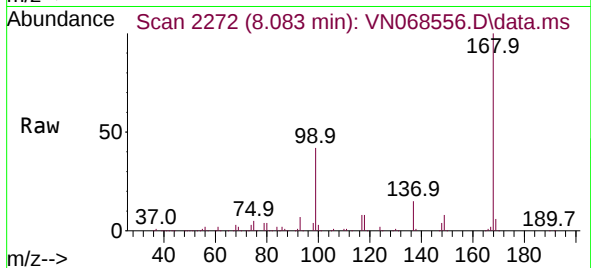
Acq: 18 Sep 2021 7:44

Tgt Ion:168 Resp: 721808

Ion Ratio Lower Upper

168 100

99 42.4 38.2 57.4



#3

Chloromethane

Concen: Below Cal

RT: 2.298 min Scan# 115

Delta R.T. -0.011 min

Lab File: VN068556.D

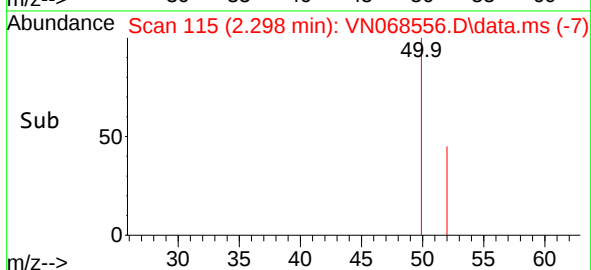
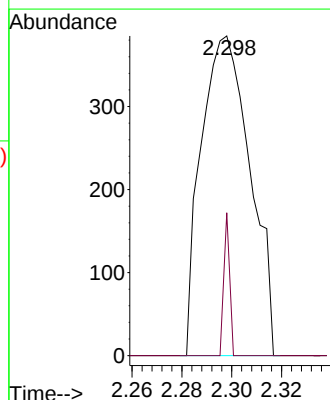
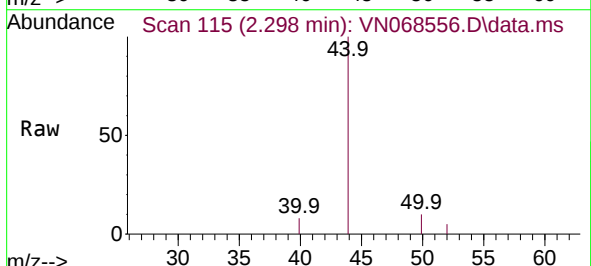
Acq: 18 Sep 2021 7:44

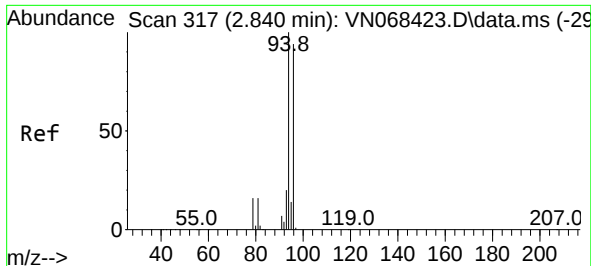
Tgt Ion: 50 Resp: 526

Ion Ratio Lower Upper

50 100

52 44.7 25.8 38.6#

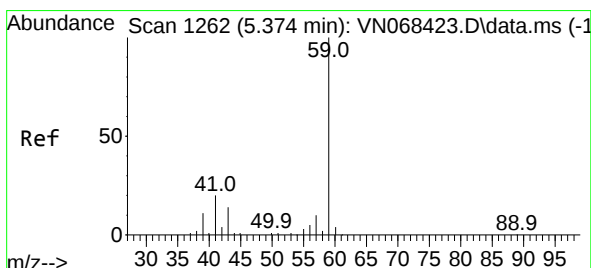
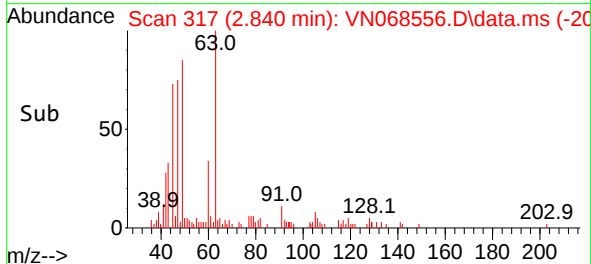
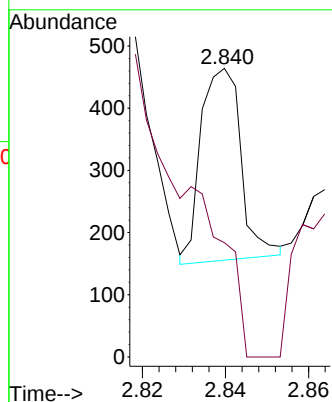
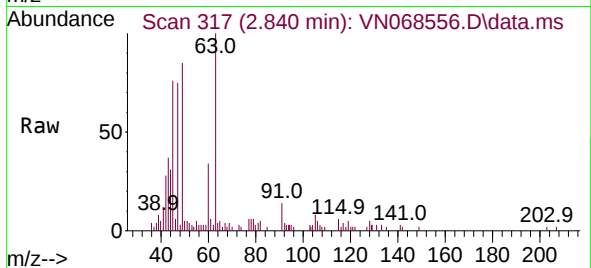




#5
Bromomethane
Concen: Below Cal
RT: 2.840 min Scan# 317
Delta R.T. -0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

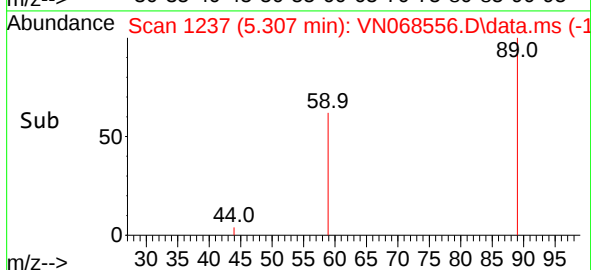
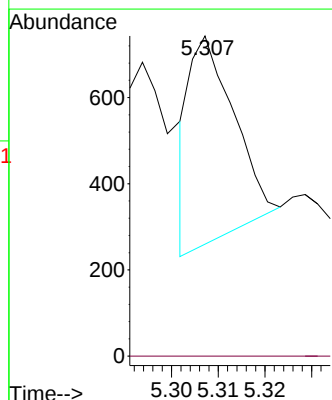
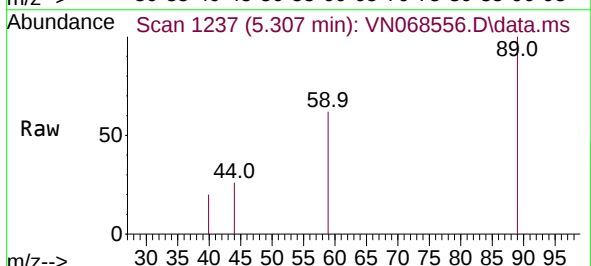
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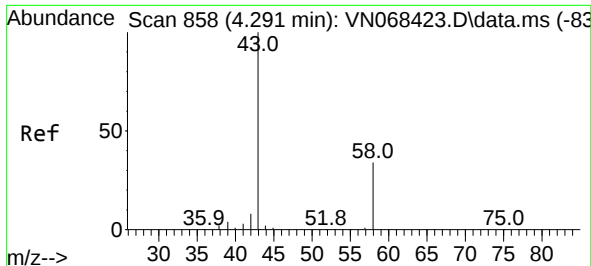
Tgt Ion: 94 Resp: 207
Ion Ratio Lower Upper
94 100
96 61.3 75.4 113.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.307 min Scan# 1237
Delta R.T. -0.067 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 59 Resp: 322
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5#

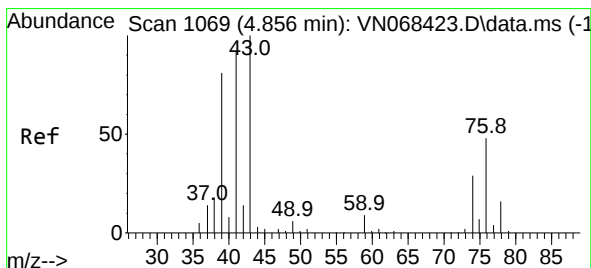
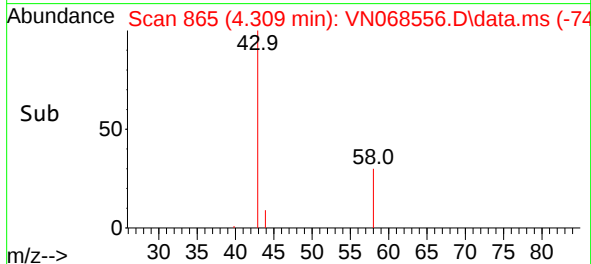
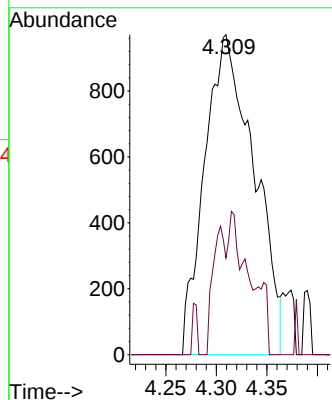
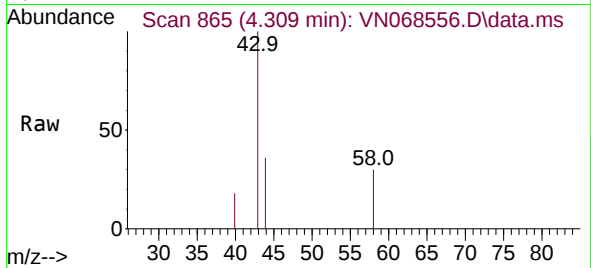




#16
Acetone
Concen: Below Cal
RT: 4.309 min Scan# 865
Delta R.T. 0.018 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

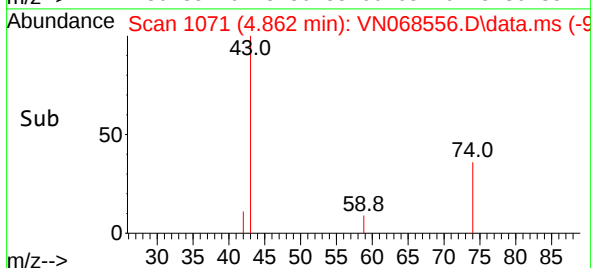
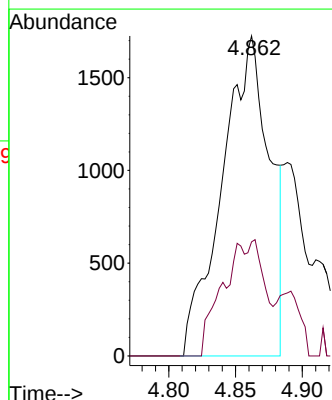
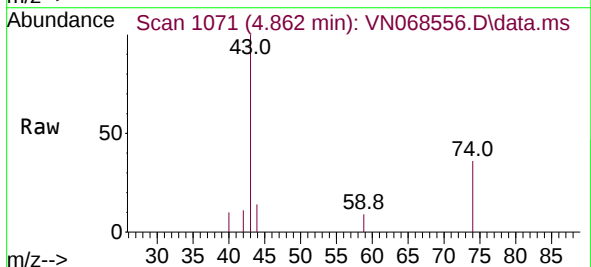
Instrument :
MSVOA_N
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NAPL-07-(8-10)-END-POINT

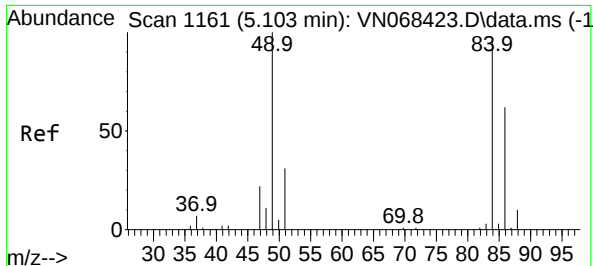
Tgt Ion: 43 Resp: 3295
Ion Ratio Lower Upper
43 100
58 30.3 27.0 40.6



#18
Methyl Acetate
Concen: Below Cal
RT: 4.862 min Scan# 1071
Delta R.T. 0.006 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 43 Resp: 4264
Ion Ratio Lower Upper
43 100
74 17.9 23.5 35.3#



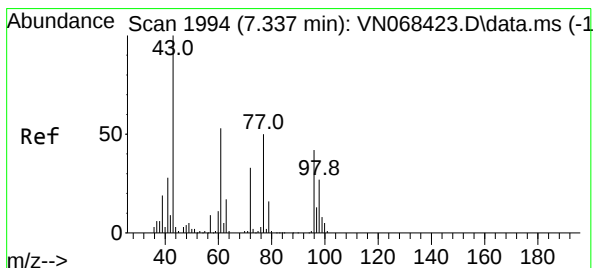
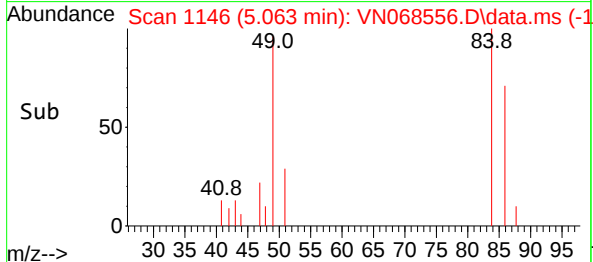
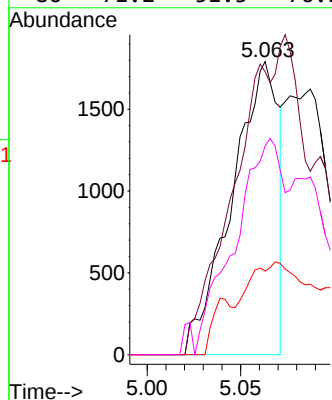
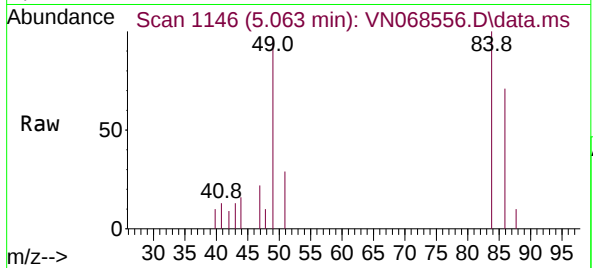


#20
Methylene Chloride
Concen: Below Cal
RT: 5.063 min Scan# 1146
Delta R.T. -0.040 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

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

Tgt Ion: 84 Resp: 3101

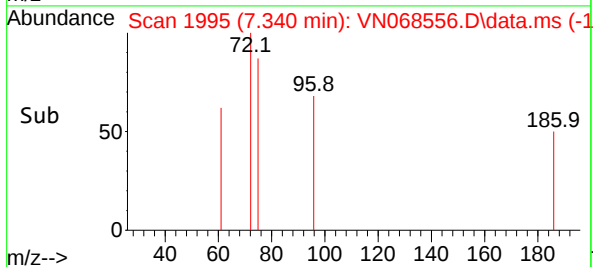
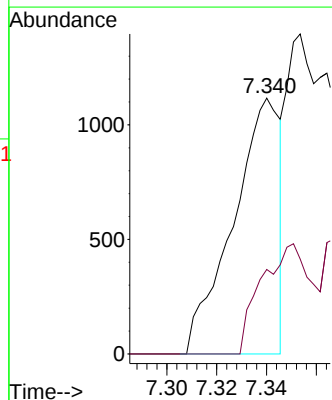
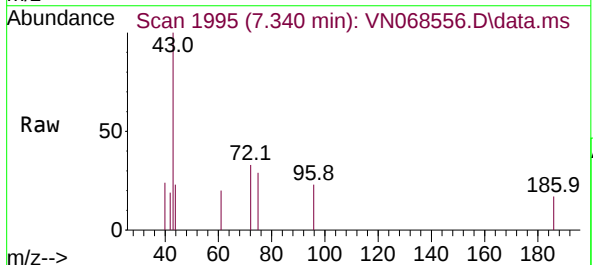
Ion	Ratio	Lower	Upper
84	100		
49	96.5	83.0	124.6
51	28.5	25.4	38.0
86	71.2	51.3	76.9

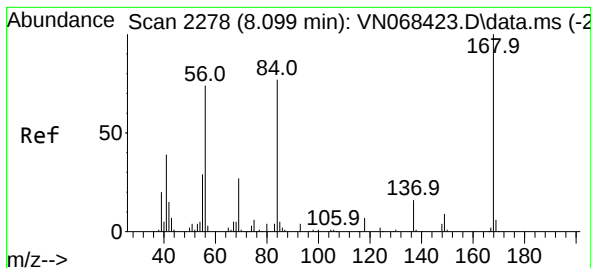


#25
2-Butanone
Concen: 0.456 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 43 Resp: 1467

Ion	Ratio	Lower	Upper
43	100		
72	33.0	26.7	40.1





#31

Cyclohexane

Concen: 1.299 ug/l

RT: 8.078 min Scan# 2270

Delta R.T. -0.021 min

Lab File: VN068556.D

Acq: 18 Sep 2021 7:44

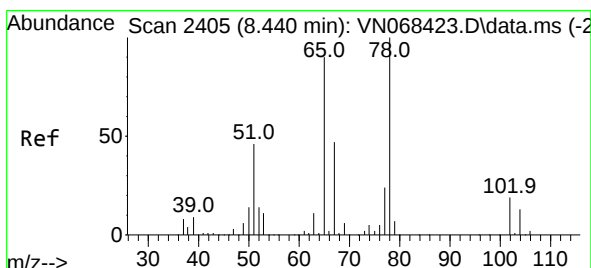
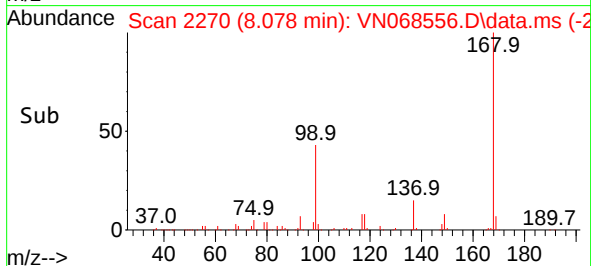
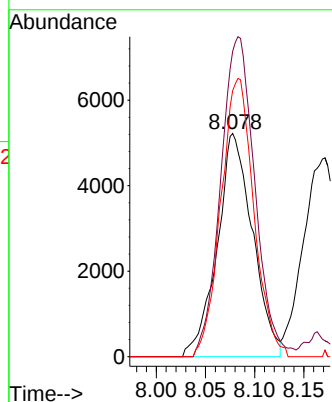
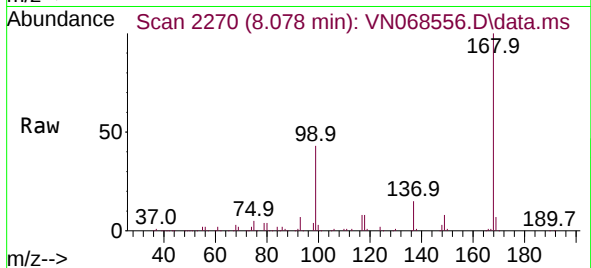
Tgt Ion: 56 Resp: 13034

Ion Ratio Lower Upper

56 100

69 136.9 29.4 44.0#

84 119.2 83.6 125.4



#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

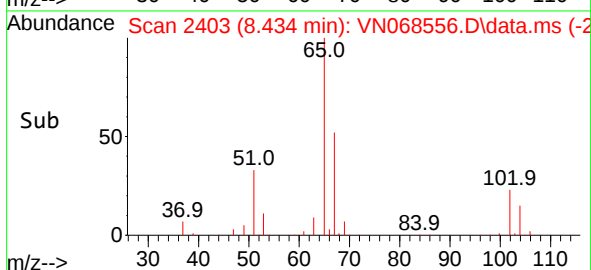
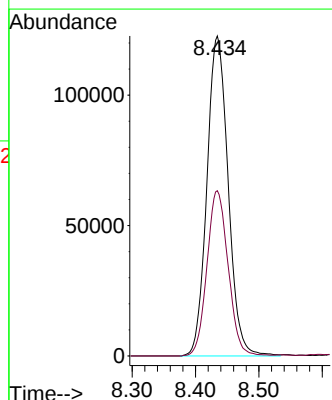
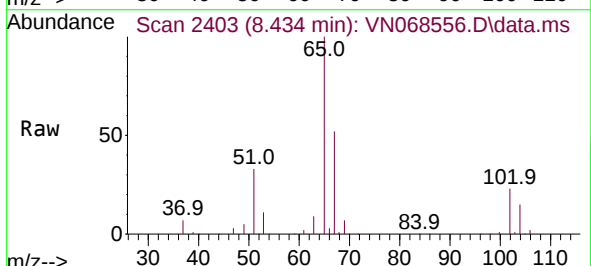
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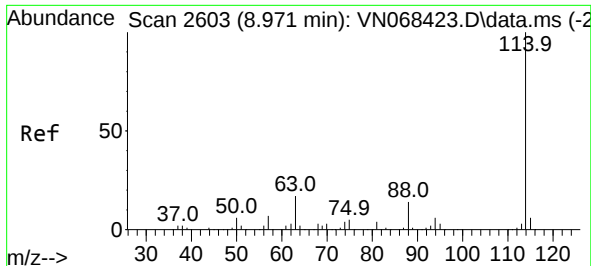
Tgt Ion: 65 Resp: 285915

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.0

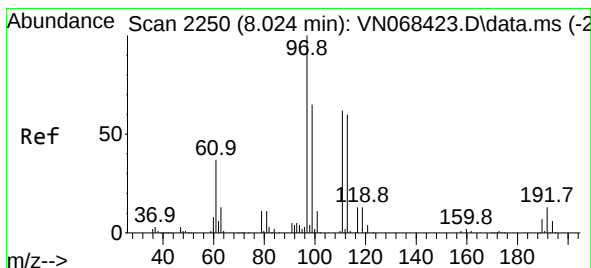
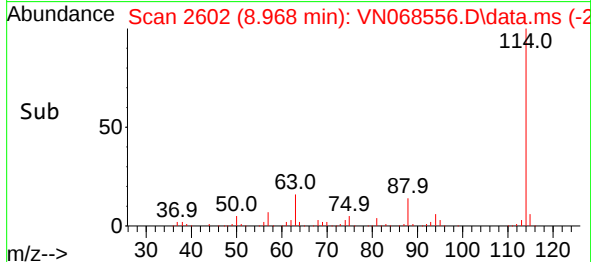
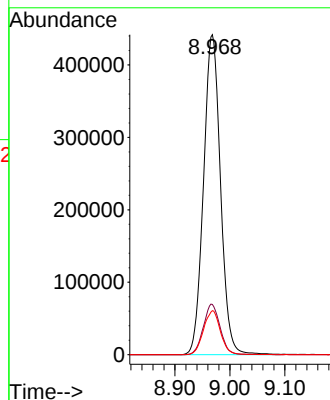
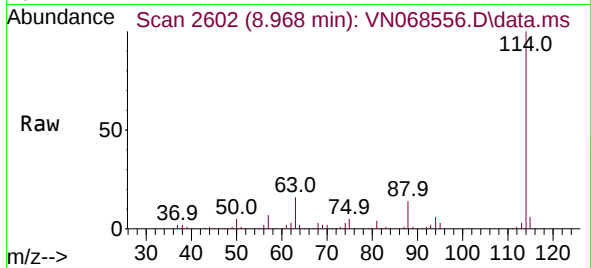




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068556.D
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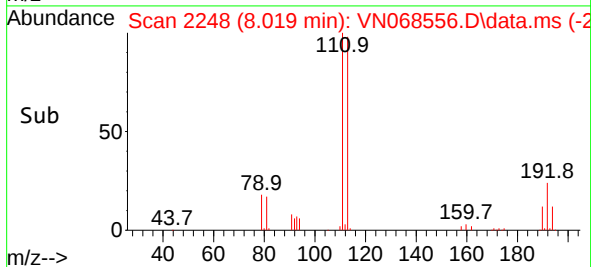
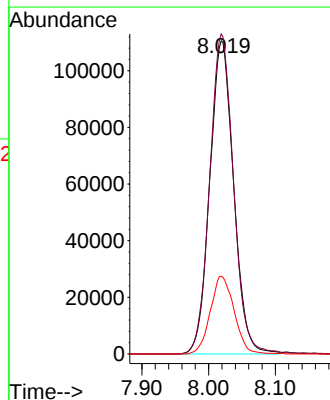
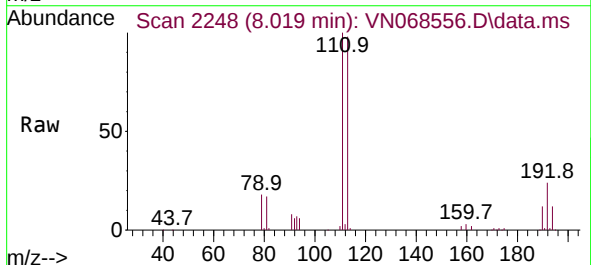
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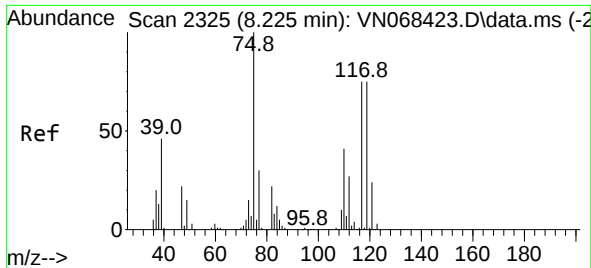
Tgt Ion:114 Resp: 948543
Ion Ratio Lower Upper
114 100
63 15.7 0.0 33.2
88 13.8 0.0 28.4



#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

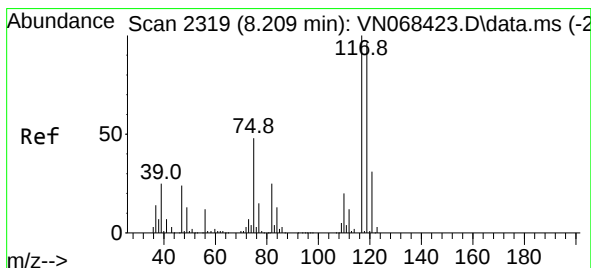
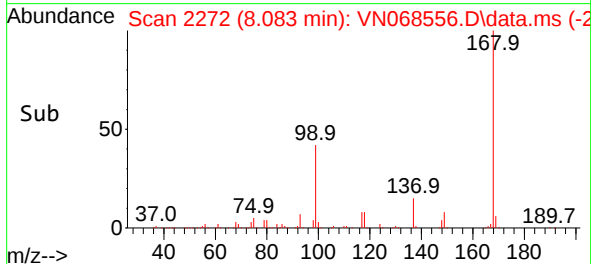
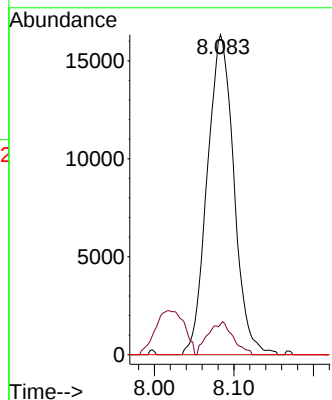
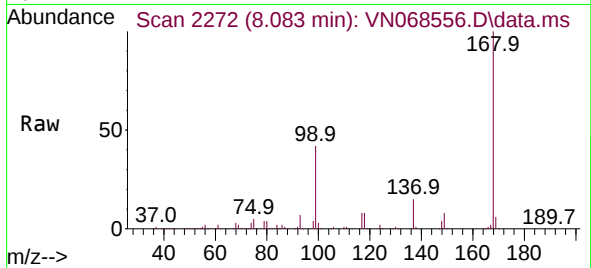




#36
1,1-Dichloropropene
Concen: 4.808 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.142 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

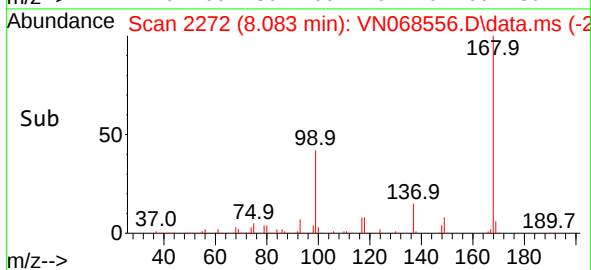
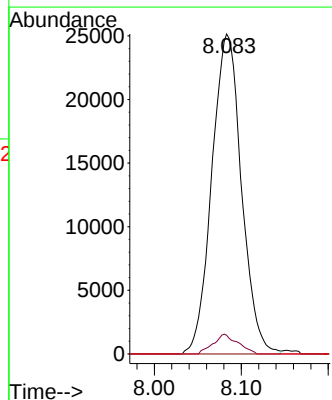
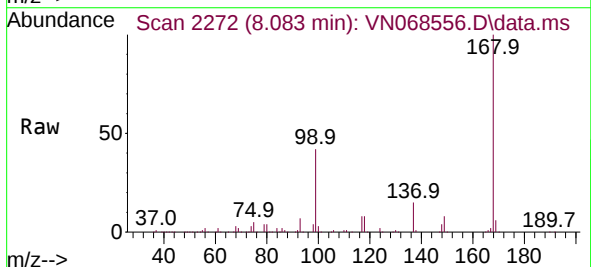
Instrument :
MSVOA_N
ClientSampleId :
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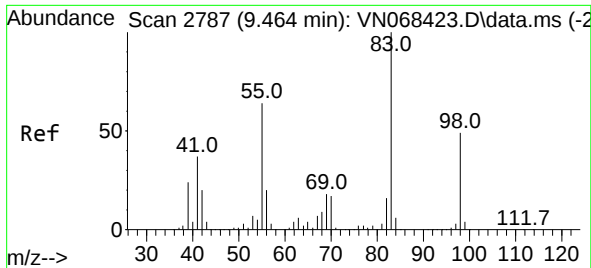
Tgt Ion: 75 Resp: 38025
Ion Ratio Lower Upper
75 100
110 9.6 20.8 62.5#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.126 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 117 Resp: 59578
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 24.5 36.7#

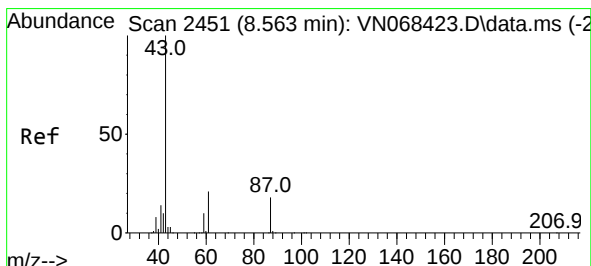
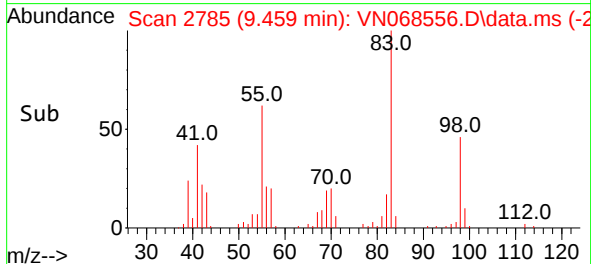
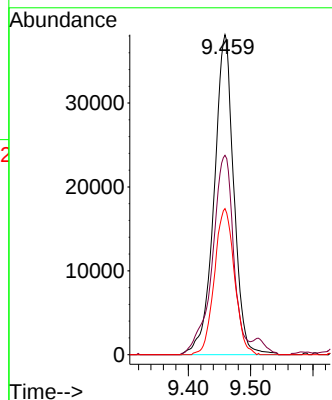
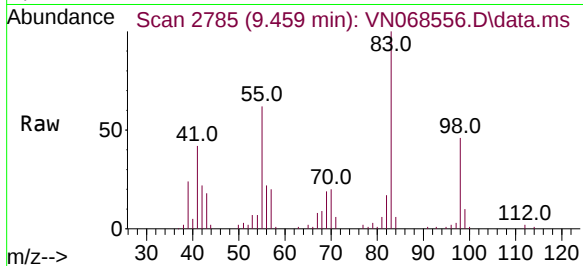




#39
Methylcyclohexane
Concen: 8.382 ug/l
RT: 9.459 min Scan# 2785
Delta R.T. -0.005 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

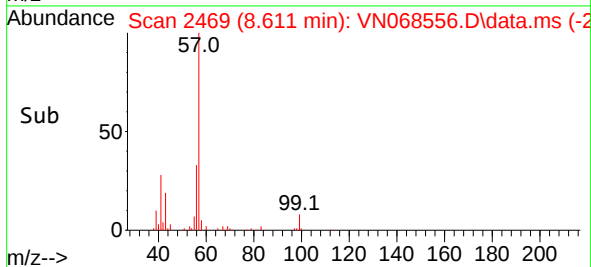
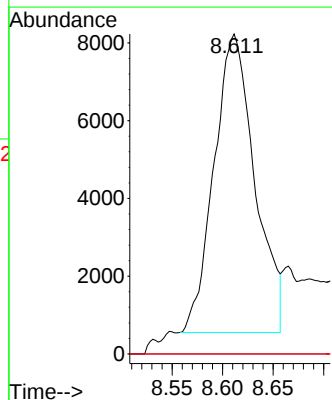
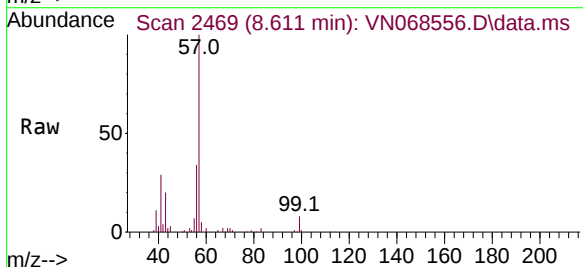
Instrument :
MSVOA_N
ClientSampleId :
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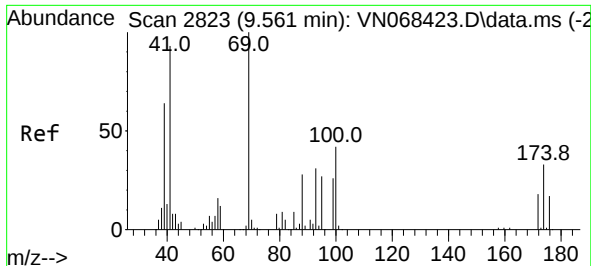
Tgt Ion:	83	Resp:	83860
Ion	Ratio	Lower	Upper
83	100		
55	62.3	51.0	76.4
98	45.6	39.5	59.3



#43
Isopropyl Acetate
Concen: 2.036 ug/l
RT: 8.611 min Scan# 2469
Delta R.T. 0.048 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:	43	Resp:	21612
Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.3	34.9#
87	0.0	13.8	20.6#





#48

Methyl methacrylate

Concen: 1.532 ug/l

RT: 9.507 min Scan# 2803

Delta R.T. -0.054 min

Lab File: VN068556.D

Acq: 18 Sep 2021 7:44

Tgt Ion: 41 Resp: 6791

Ion Ratio Lower Upper

41 100

69 0.0 82.9 124.3#

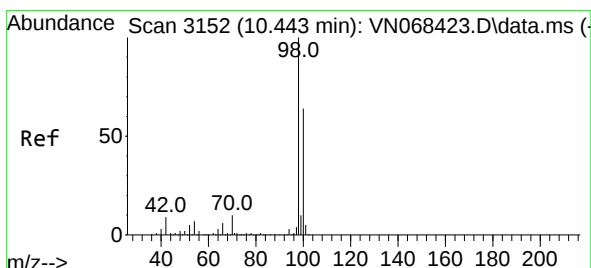
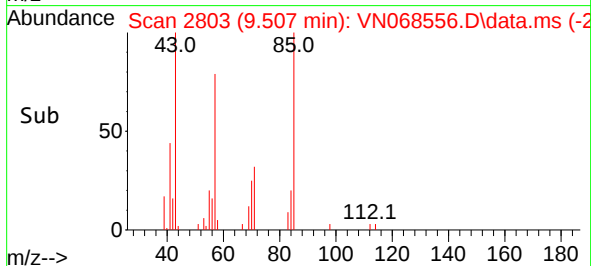
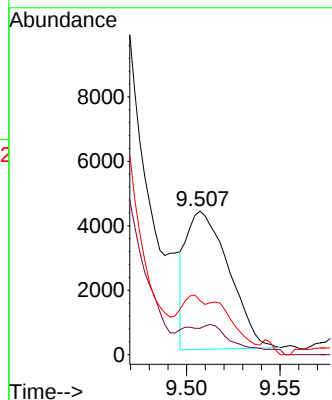
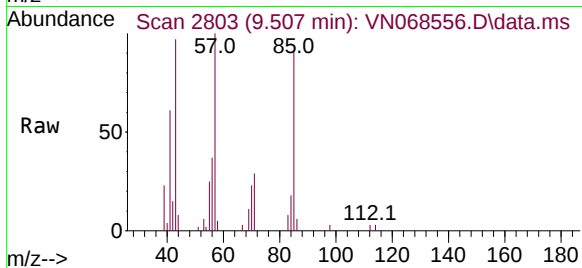
39 0.0 50.3 75.5#

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

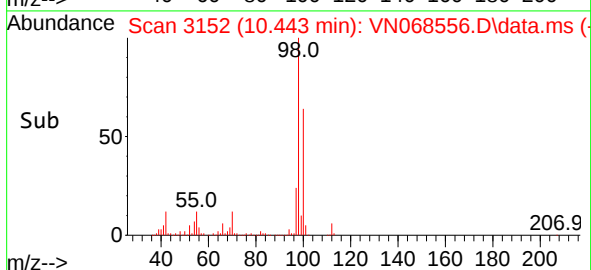
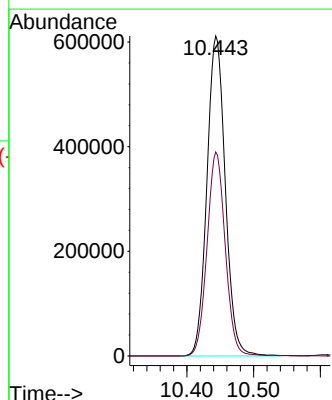
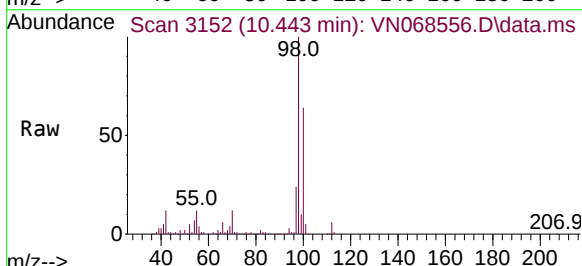
Acq: 18 Sep 2021 7:44

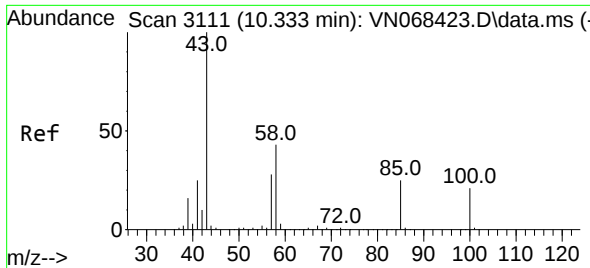
Tgt Ion: 98 Resp: 1169347

Ion Ratio Lower Upper

98 100

100 63.0 51.0 76.6

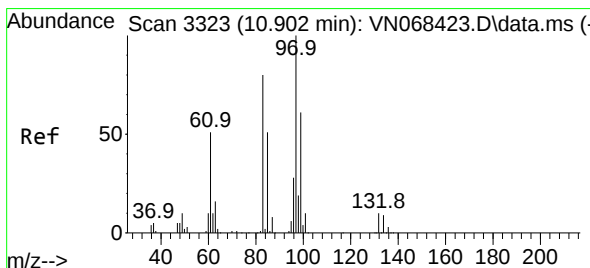
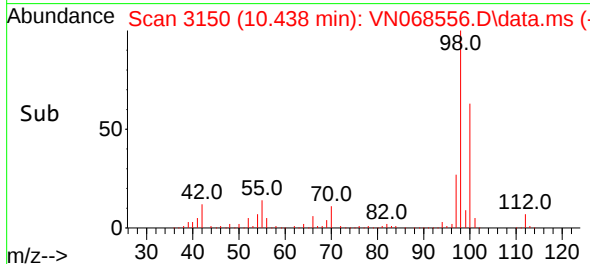
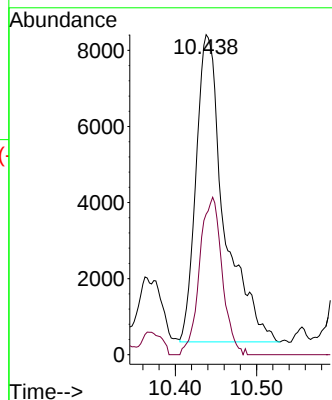
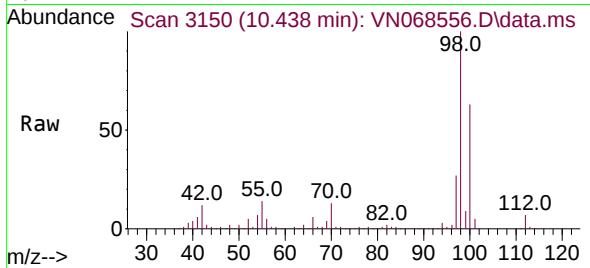




#51
4-Methyl-2-Pentanone
Concen: 3.217 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. 0.105 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

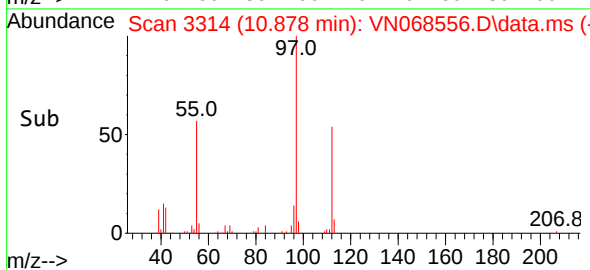
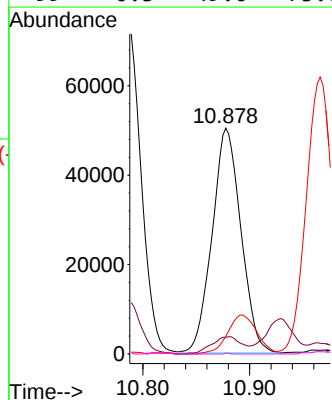
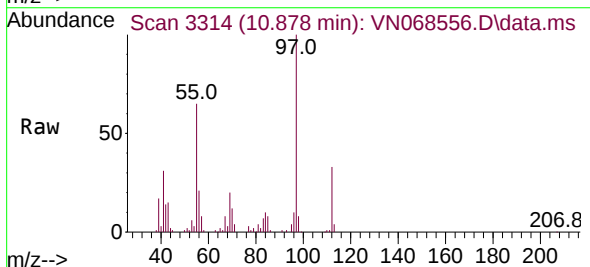
Instrument :
MSVOA_N
ClientSampleId :
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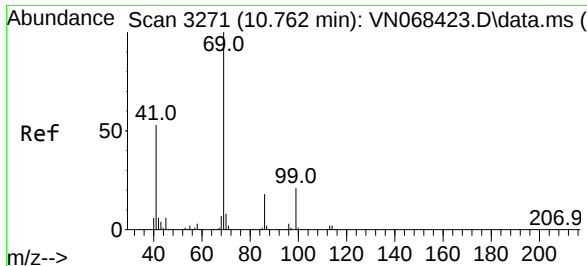
Tgt Ion: 43 Resp: 19488
Ion Ratio Lower Upper
43 100
58 40.9 34.3 51.5



#55
1,1,2-Trichloroethane
Concen: 15.257 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.024 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 97 Resp: 94038
Ion Ratio Lower Upper
97 100
83 7.4 63.7 95.5#
85 7.9 40.7 61.1#
99 0.3 49.0 73.6#

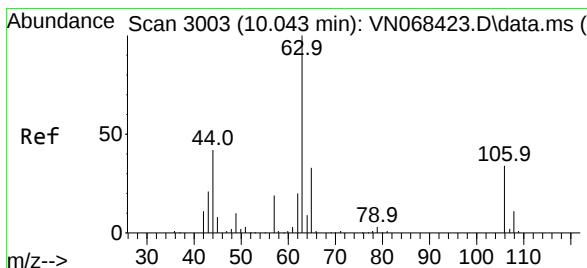
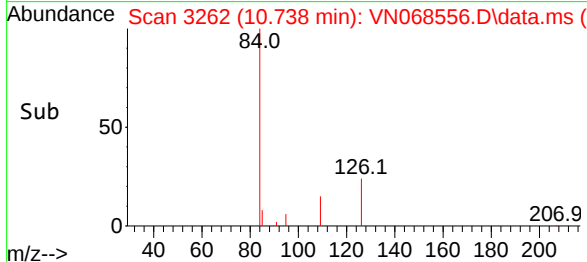
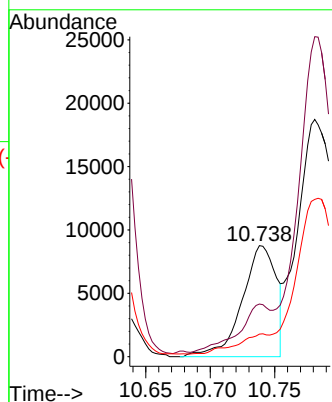
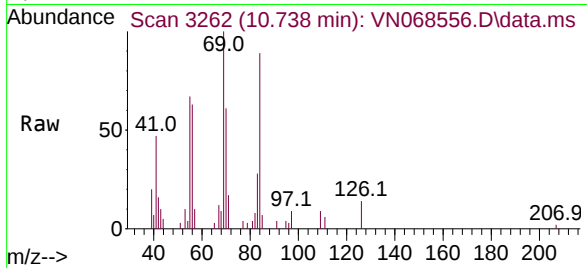




#56
Ethyl methacrylate
Concen: 2.099 ug/l
RT: 10.738 min Scan# 3262
Delta R.T. -0.024 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

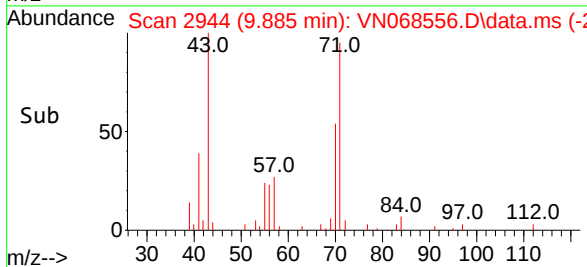
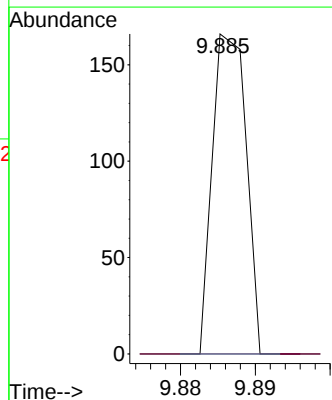
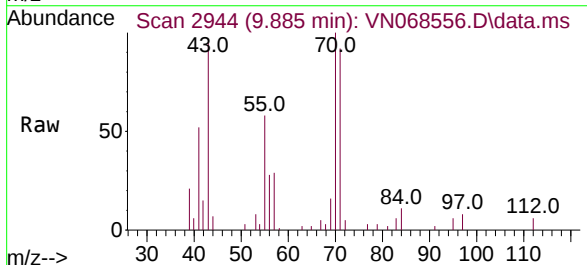
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

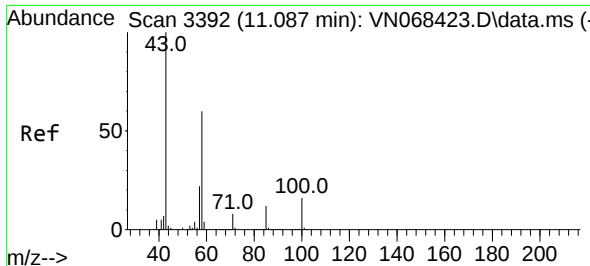
Tgt Ion: 69 Resp: 16066
Ion Ratio Lower Upper
69 100
41 41.8 42.4 63.6#
39 17.3 28.5 42.7#



#58
2-Chloroethyl Vinyl ether
Concen: 9.064 ug/l
RT: 9.885 min Scan# 2944
Delta R.T. -0.158 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 63 Resp: 52
Ion Ratio Lower Upper
63 100
106 0.0 27.9 41.9#

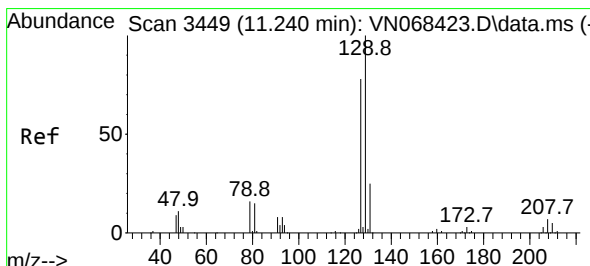
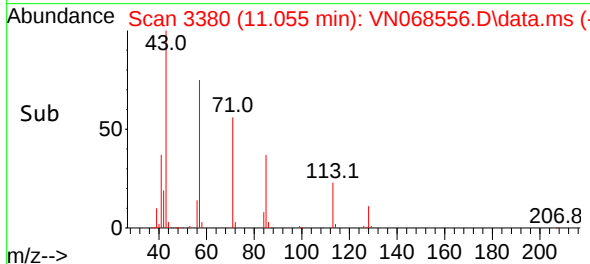
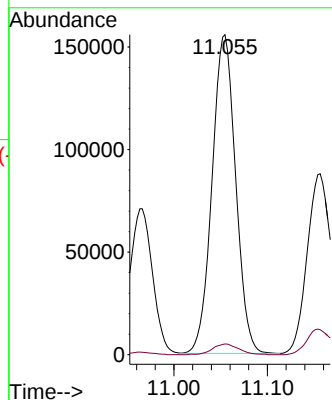
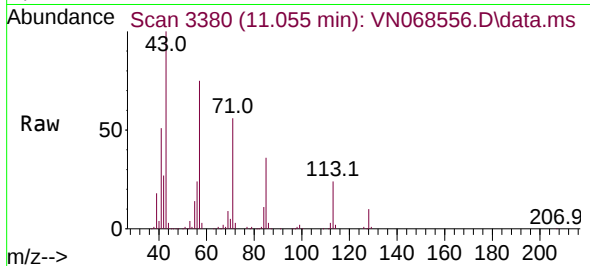




#59
2-Hexanone
Concen: 67.186 ug/l
RT: 11.055 min Scan# 3380
Delta R.T. -0.032 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

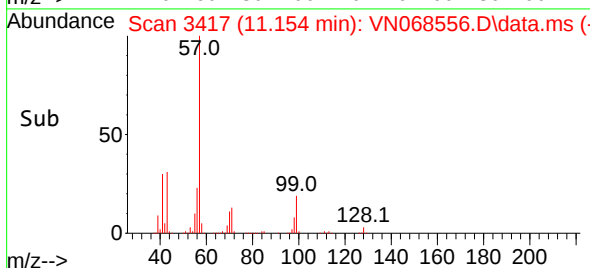
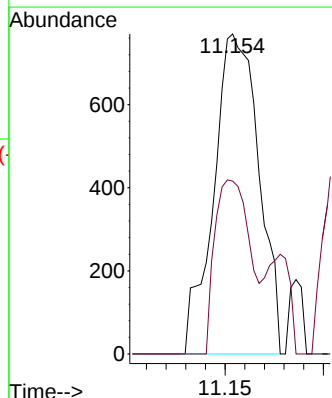
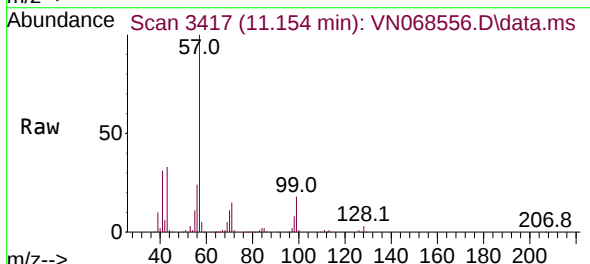
Instrument :
MSVOA_N
ClientSampleId :
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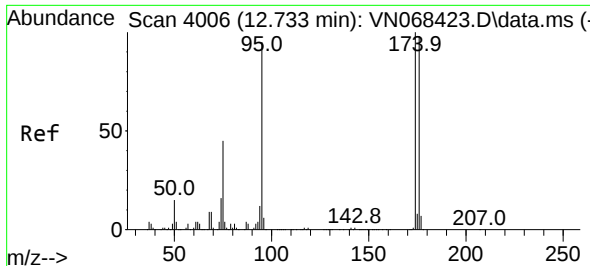
Tgt Ion: 43 Resp: 272603
Ion Ratio Lower Upper
43 100
58 3.7 30.0 90.1#



#60
Dibromochloromethane
Concen: 1.943 ug/l
RT: 11.154 min Scan# 3417
Delta R.T. -0.086 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 129 Resp: 1231
Ion Ratio Lower Upper
129 100
127 42.0 38.5 115.3

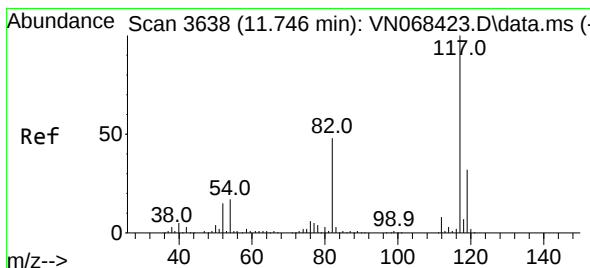
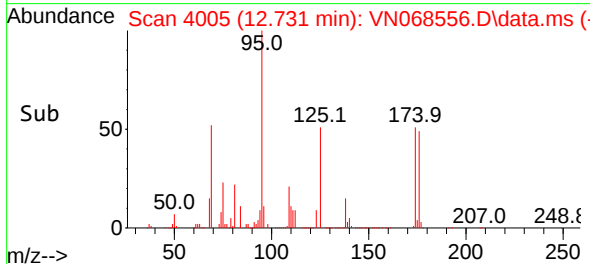
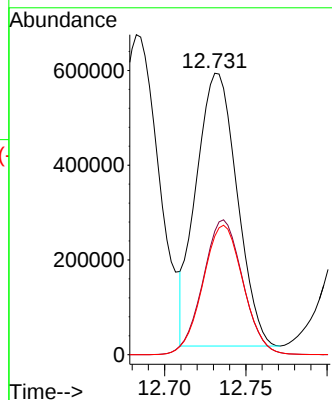
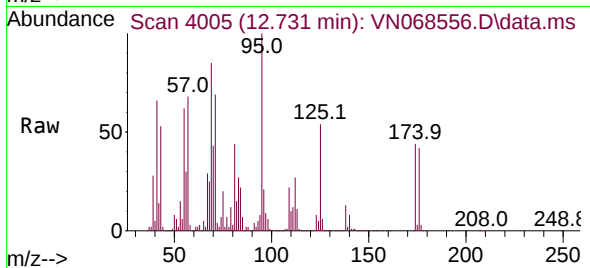




#62
4-Bromofluorobenzene
Concen: 123.750 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

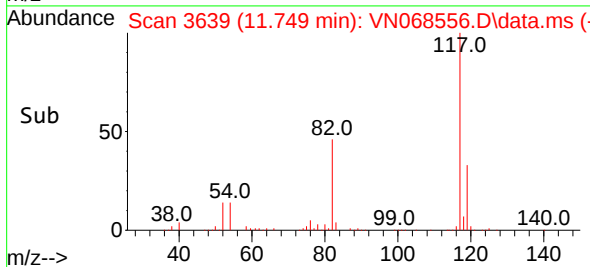
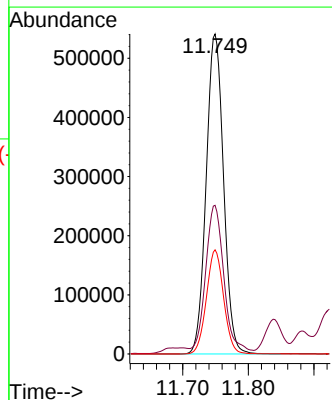
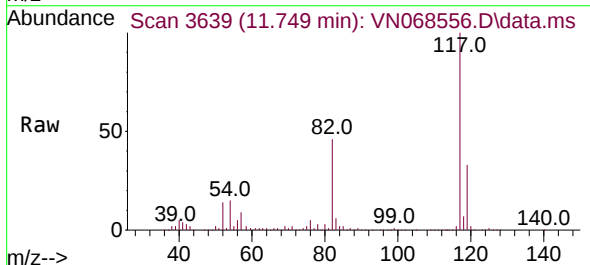
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

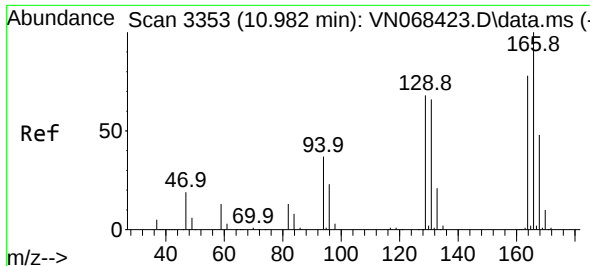
Tgt Ion: 95 Resp: 1008816
Ion Ratio Lower Upper
95 100
174 48.3 0.0 214.0
176 46.9 0.0 205.4



#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

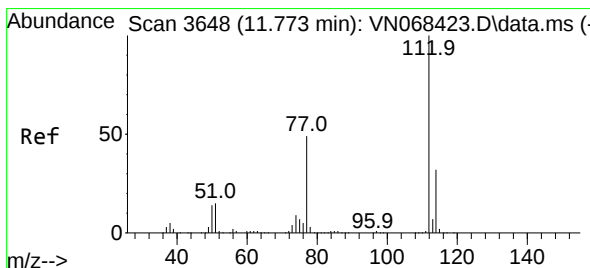
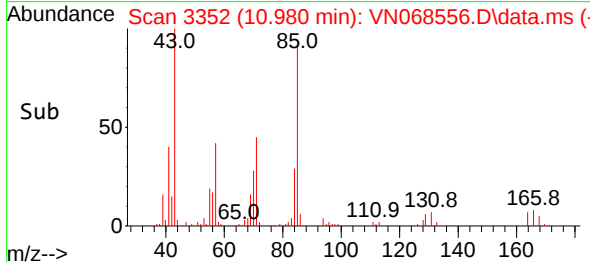
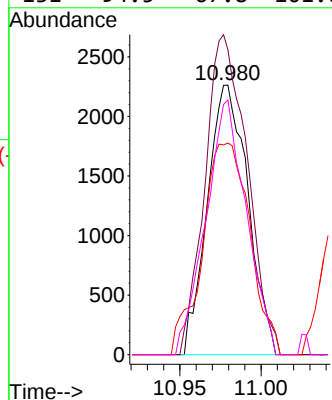
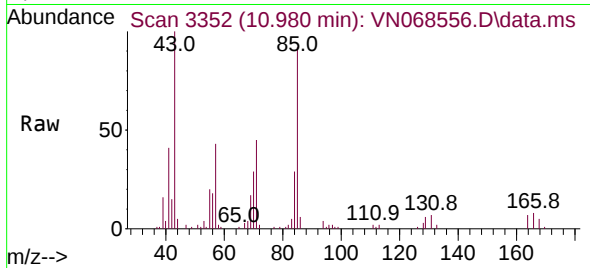




#64
Tetrachloroethene
Concen: 0.445 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. -0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

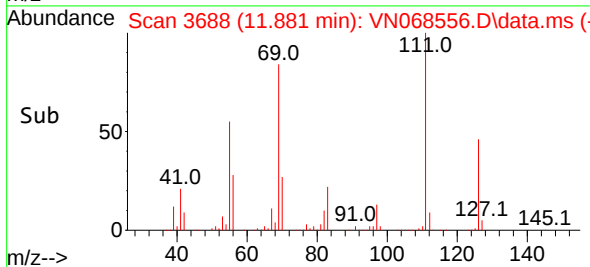
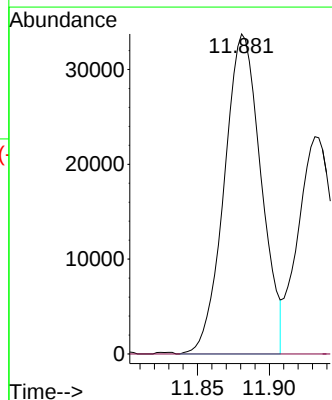
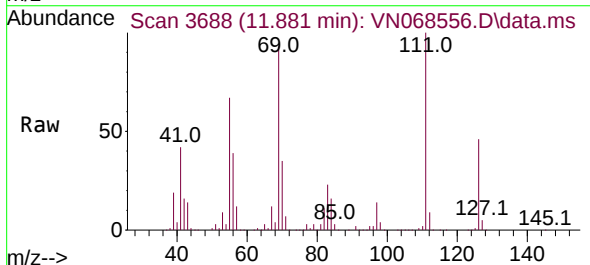
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

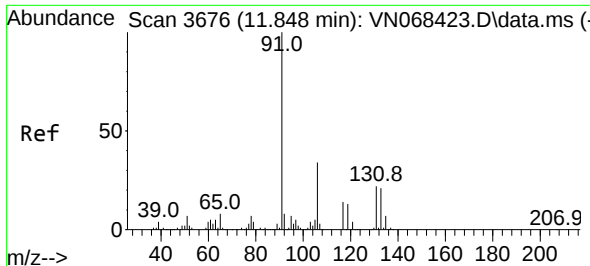
Tgt Ion:164	Resp:	3927
Ion Ratio	Lower	Upper
164	100	
166	113.2	102.9 154.3
129	78.5	70.1 105.1
131	94.5	67.8 101.6



#65
Chlorobenzene
Concen: 2.945 ug/l
RT: 11.881 min Scan# 3688
Delta R.T. 0.108 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:112	Resp:	60181
Ion Ratio	Lower	Upper
112	100	
114	0.0	25.8 38.8#

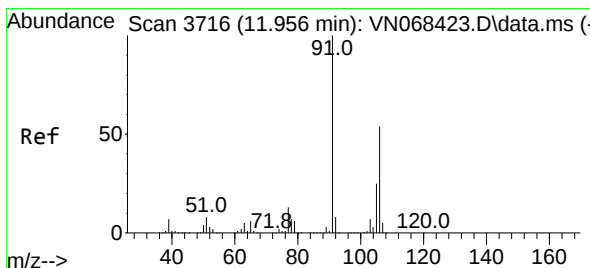
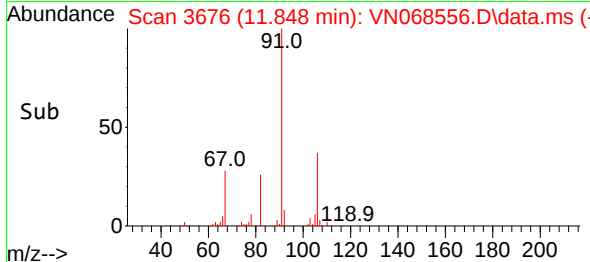
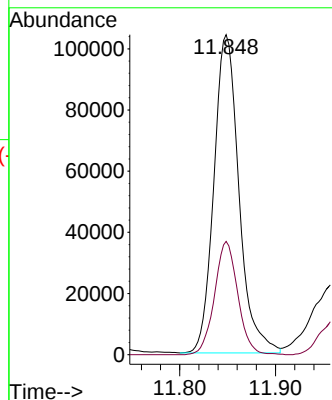
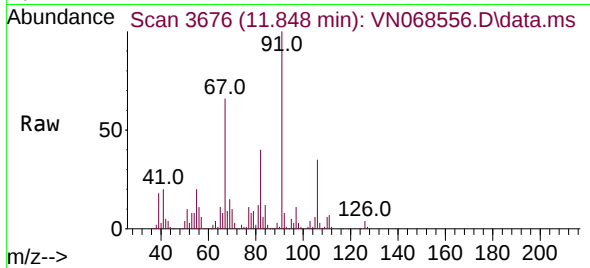




#67
Ethyl Benzene
Concen: 5.649 ug/l
RT: 11.848 min Scan# 3676
Delta R.T. 0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

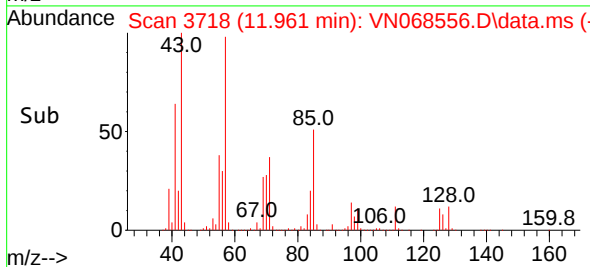
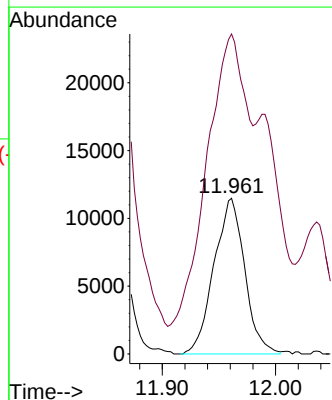
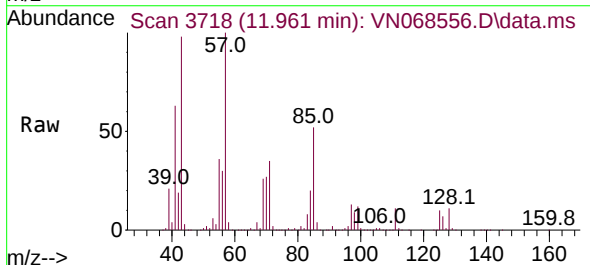
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

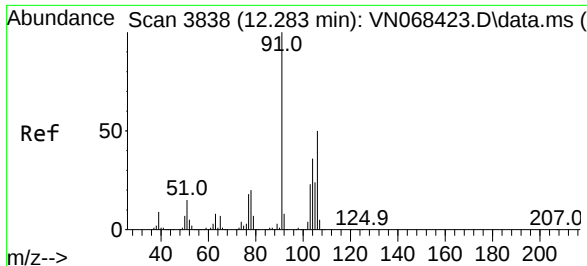
Tgt Ion: 91 Resp: 188920
Ion Ratio Lower Upper
91 100
106 35.6 27.1 40.7



#68
m/p-Xylenes
Concen: 1.606 ug/l
RT: 11.961 min Scan# 3718
Delta R.T. 0.005 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:106 Resp: 21624
Ion Ratio Lower Upper
106 100
91 242.8 149.5 224.3#

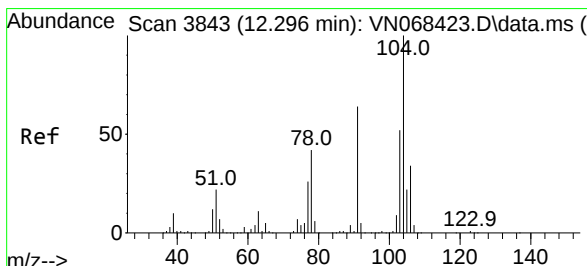
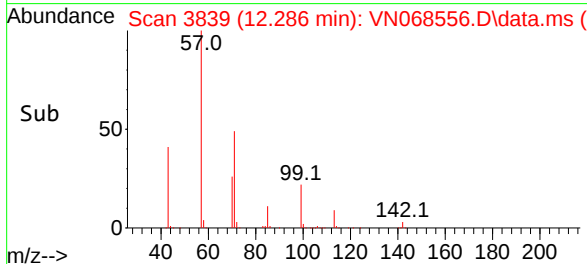
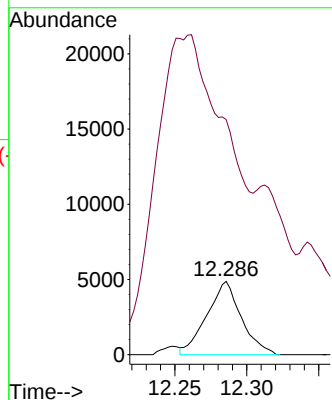
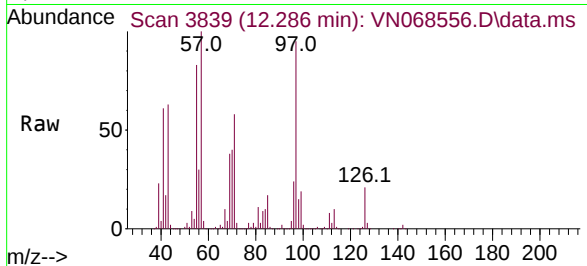




#69
o-Xylene
Concen: 0.619 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

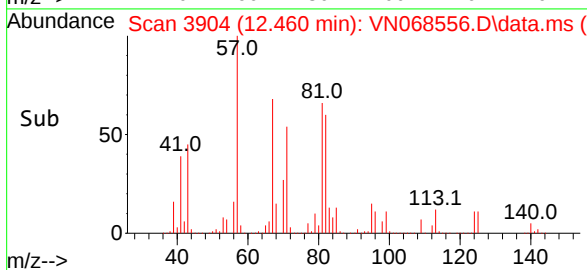
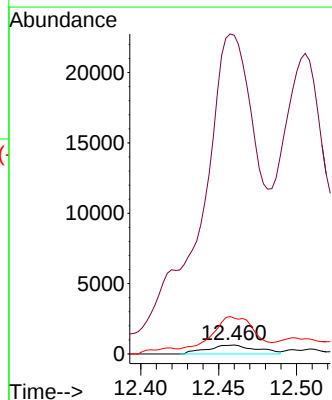
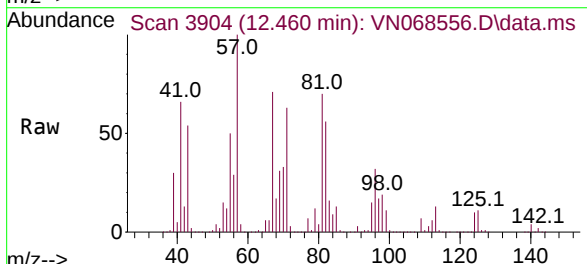
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

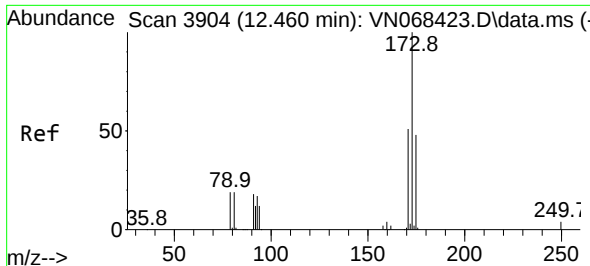
Tgt Ion:106 Resp: 8119
Ion Ratio Lower Upper
106 100
91 0.0 99.3 297.8#



#70
Styrene
Concen: 1.812 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.164 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:104 Resp: 1395
Ion Ratio Lower Upper
104 100
78 3625.8 36.2 54.2#
103 290.8 44.4 66.6#

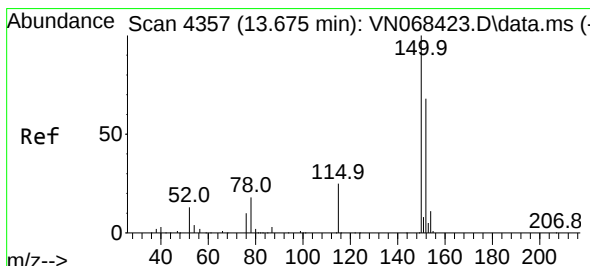
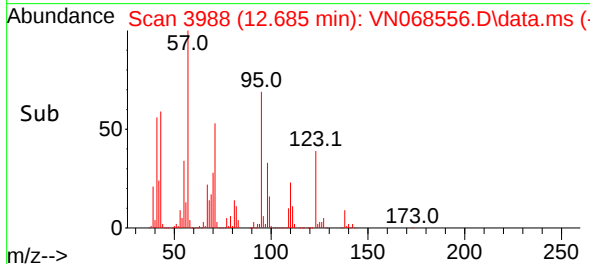
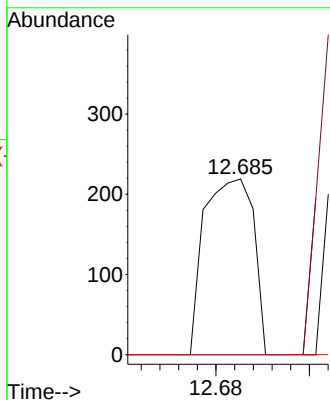
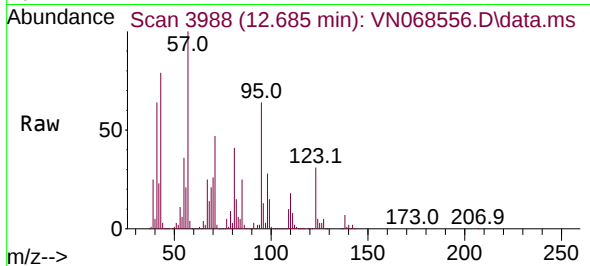




#71
Bromoform
Concen: 2.546 ug/l
RT: 12.685 min Scan# 3988
Delta R.T. 0.225 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

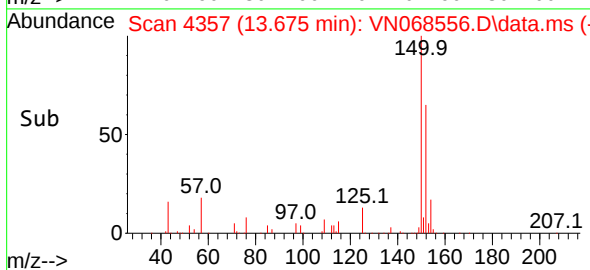
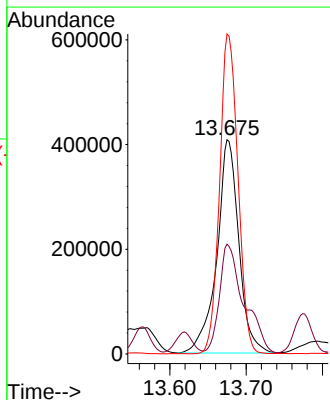
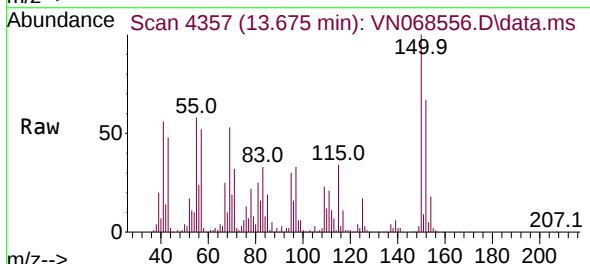
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

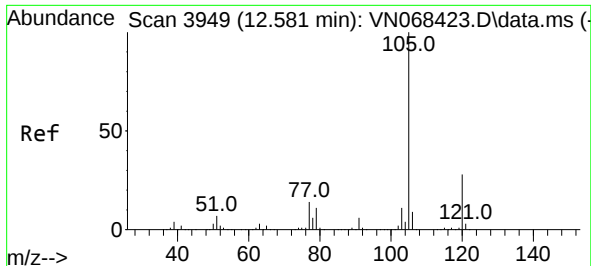
Tgt Ion:173 Resp: 160
Ion Ratio Lower Upper
173 100
175 0.0 24.1 72.3#
254 0.0 0.0 0.0



#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

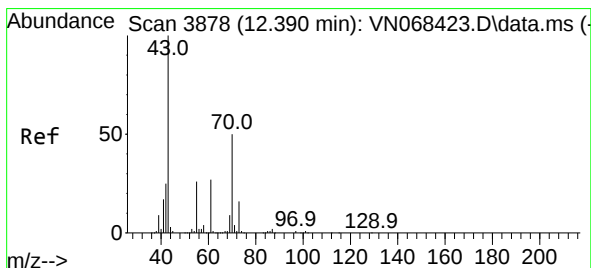
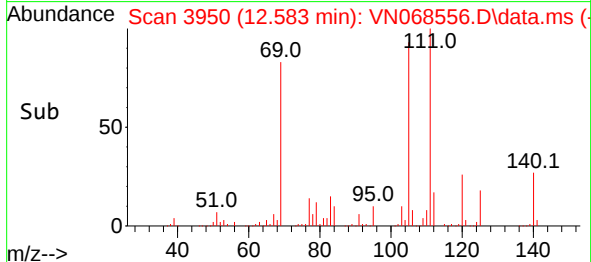
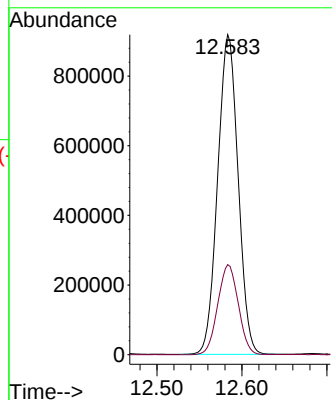
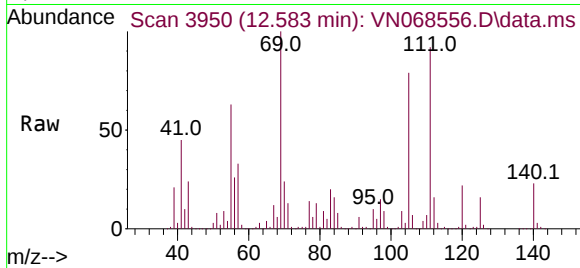




#73
Isopropylbenzene
Concen: 26.452 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. 0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

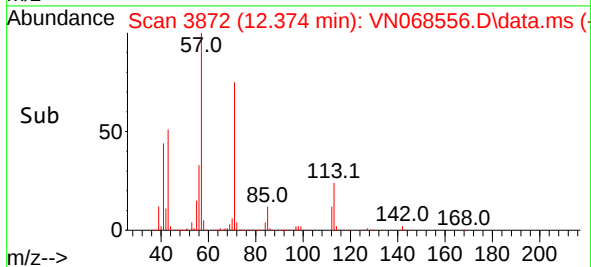
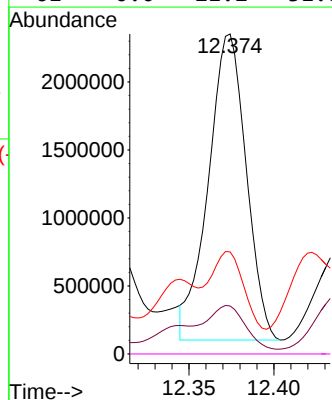
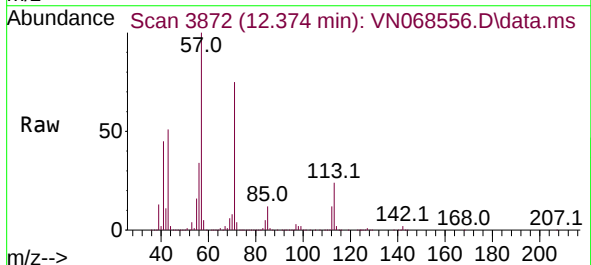
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

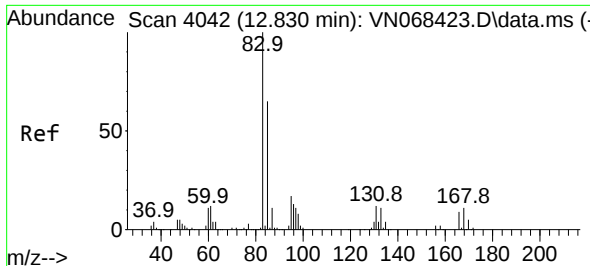
Tgt Ion:105 Resp: 1531489
Ion Ratio Lower Upper
105 100
120 28.4 14.1 42.3



#74
N-ethyl acetate
Concen: 270.034 ug/l
RT: 12.374 min Scan# 3872
Delta R.T. -0.016 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 43 Resp: 3487056
Ion Ratio Lower Upper
43 100
70 13.7 40.0 60.0#
55 21.0 21.1 31.7#
61 0.0 21.2 31.8#

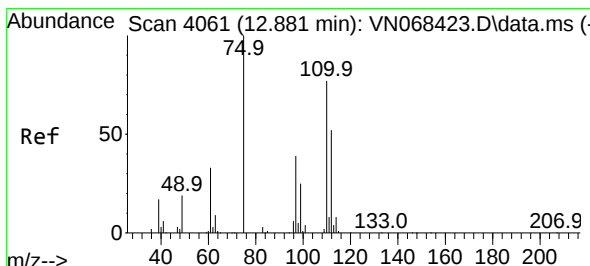
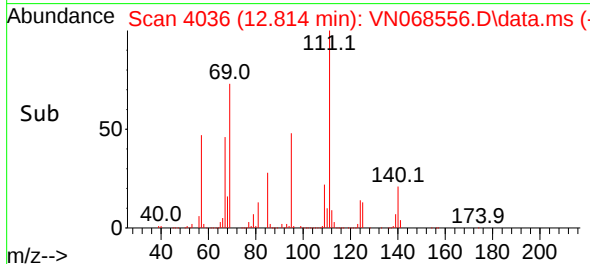
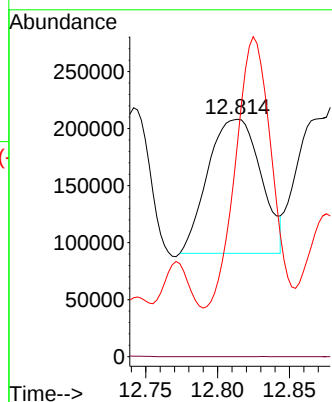
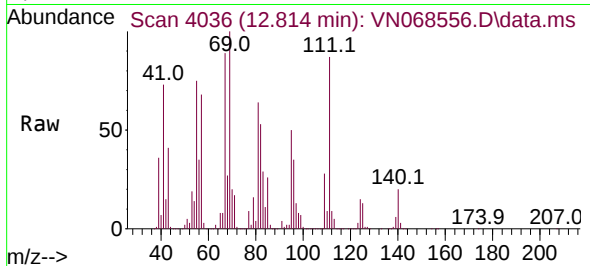




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.611 ug/l
 RT: 12.814 min Scan# 4036
 Delta R.T. -0.016 min
 Lab File: VN068556.D
 Acq: 18 Sep 2021 7:44

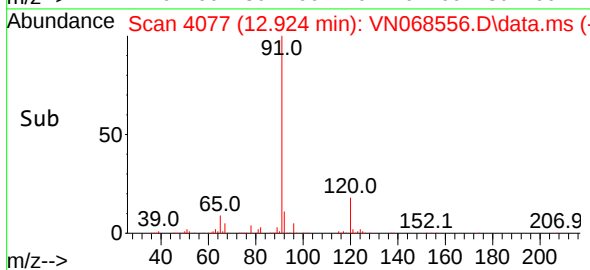
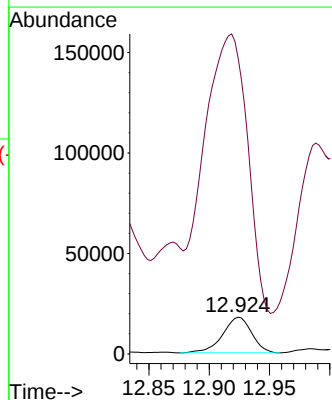
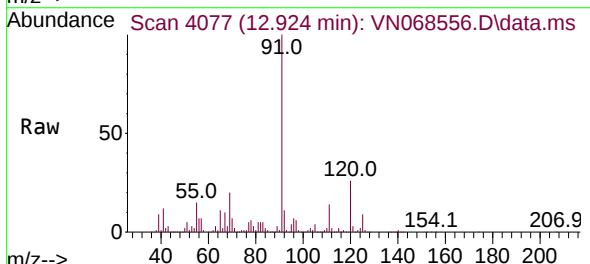
Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-07-(8-10)-END-POINT

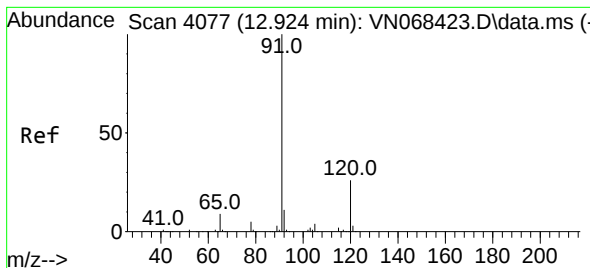
Tgt Ion: 83 Resp: 302068
 Ion Ratio Lower Upper
 83 100
 131 0.0 6.3 19.1#
 85 142.4 32.5 97.4#



#76
 1,2,3-Trichloropropane
 Concen: 1.586 ug/l
 RT: 12.924 min Scan# 4077
 Delta R.T. 0.043 min
 Lab File: VN068556.D
 Acq: 18 Sep 2021 7:44

Tgt Ion: 75 Resp: 29653
 Ion Ratio Lower Upper
 75 100
 77 1151.8 100.9 302.7#





#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

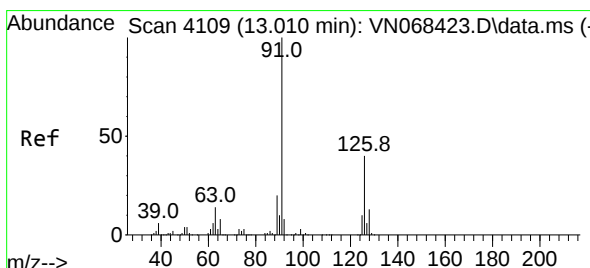
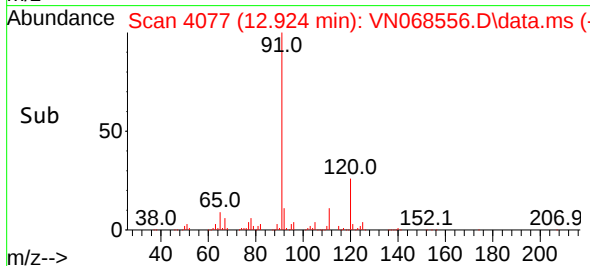
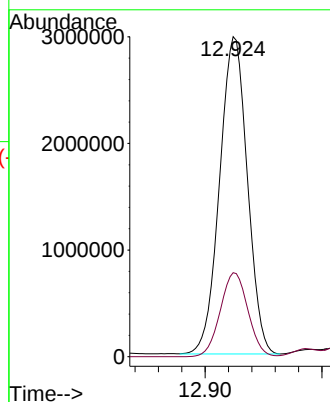
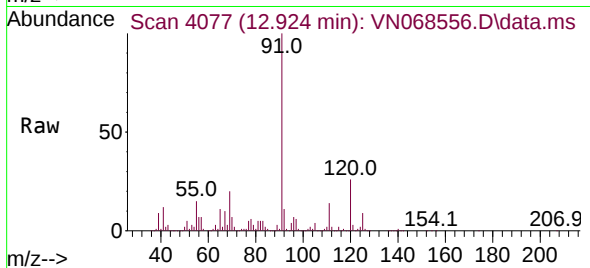
120 26.3 13.2 39.6

Instrument :

MSVOA_N

ClientSampleId :

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



#79

2-Chlorotoluene

Concen: 9.566 ug/l

RT: 13.061 min Scan# 4128

Delta R.T. 0.051 min

Lab File: VN068556.D

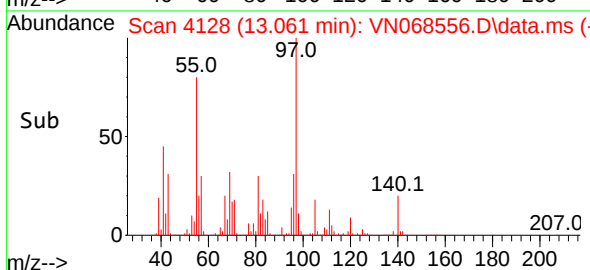
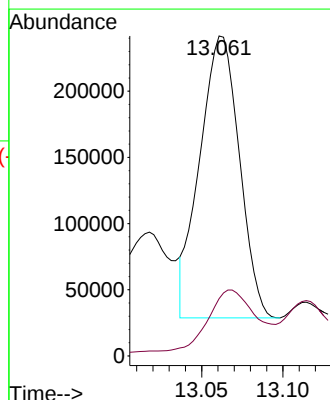
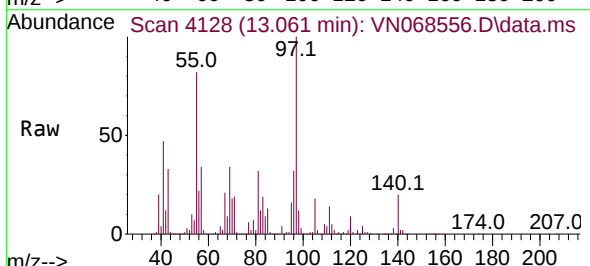
Acq: 18 Sep 2021 7:44

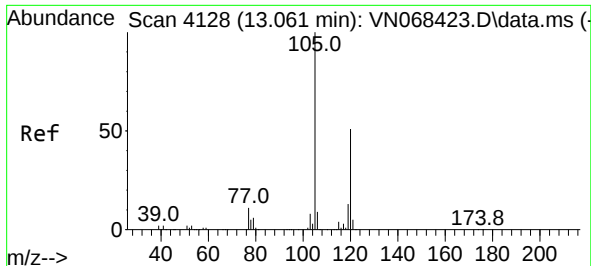
Tgt Ion: 91 Resp: 360546

Ion Ratio Lower Upper

91 100

126 28.2 20.1 60.3

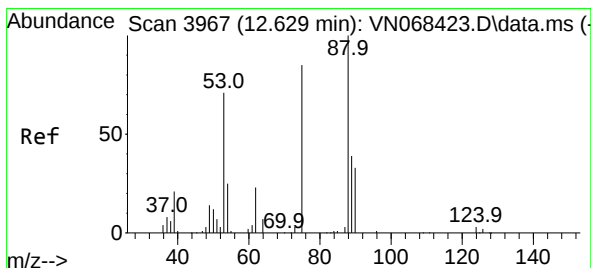
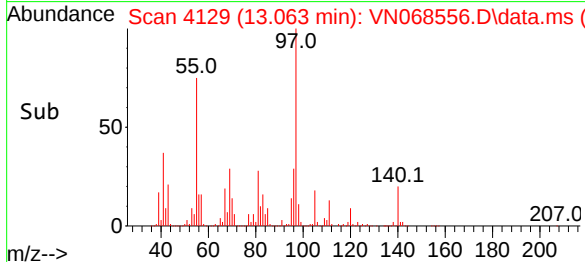
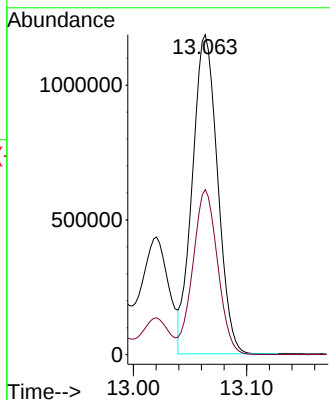
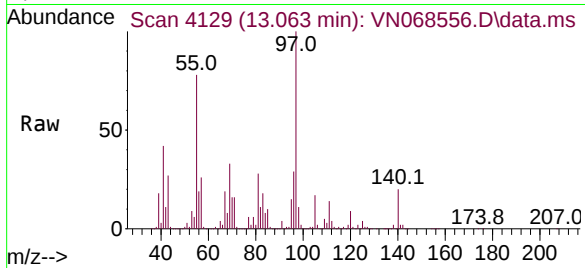




#80
1,3,5-Trimethylbenzene
Concen: 38.902 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

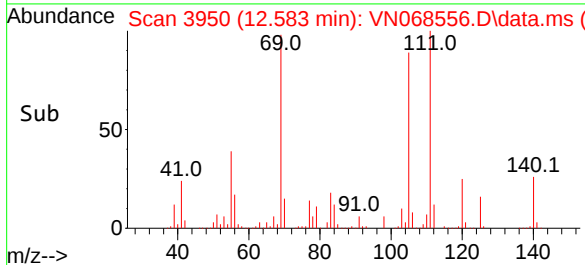
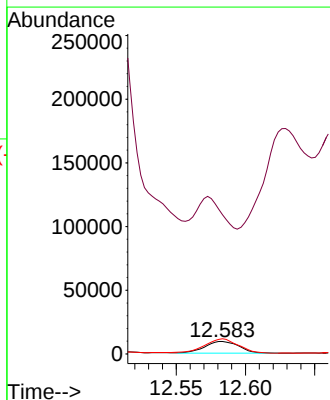
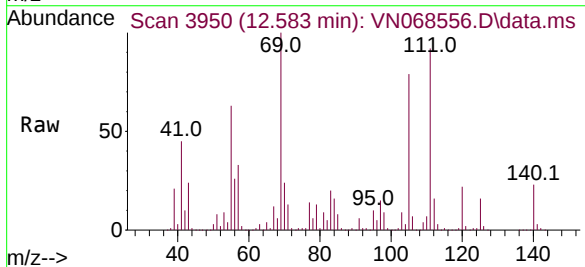
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

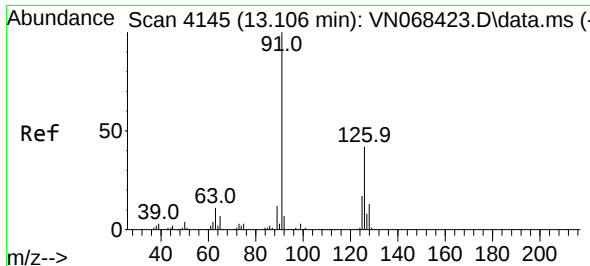
Tgt Ion:105 Resp: 1829688
Ion Ratio Lower Upper
105 100
120 51.1 25.7 77.1



#81
trans-1,4-Dichloro-2-butene
Concen: 4.276 ug/l
RT: 12.583 min Scan# 3950
Delta R.T. -0.046 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 75 Resp: 15704
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 120.7 39.5 59.3#

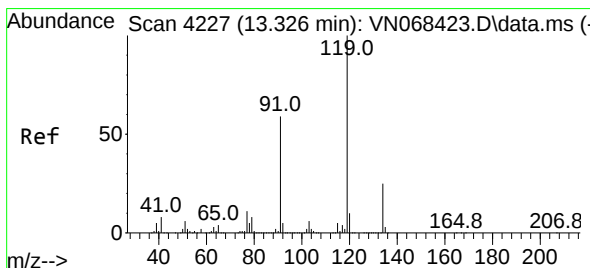
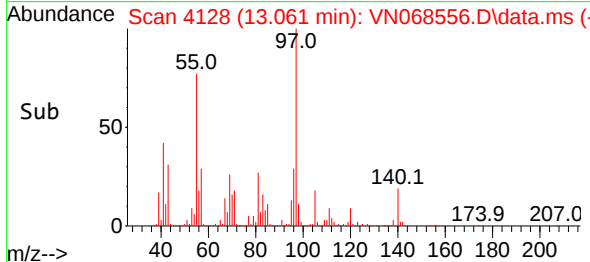
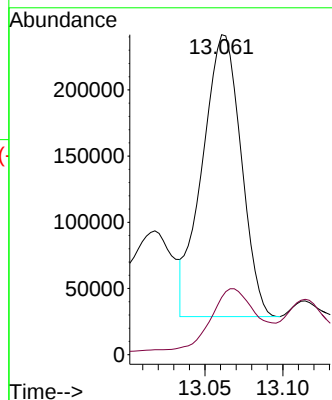
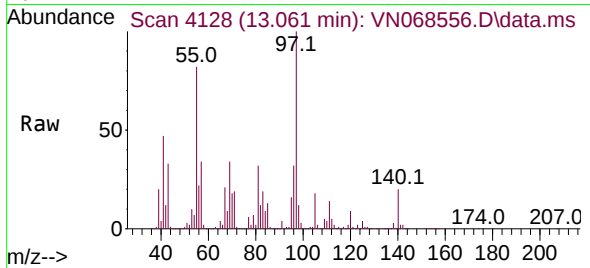




#82
4-Chlorotoluene
Concen: 10.124 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.045 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

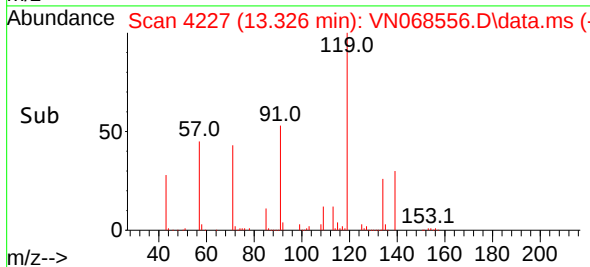
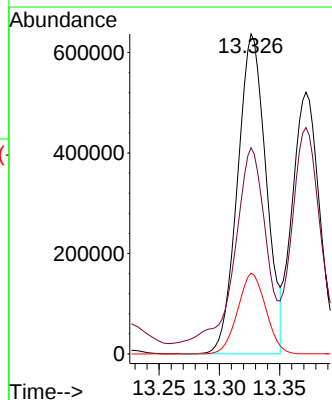
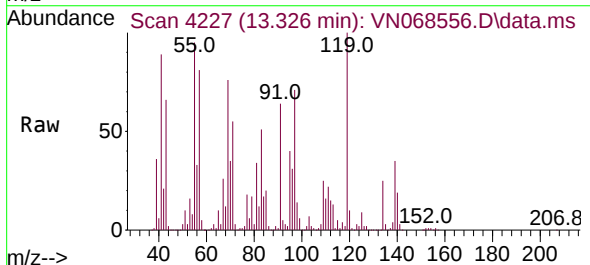
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

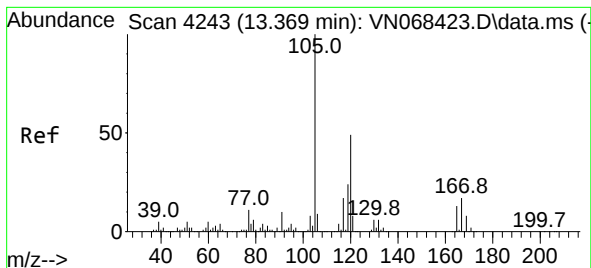
Tgt Ion: 91 Resp: 367965
Ion Ratio Lower Upper
91 100
126 27.6 19.8 59.3



#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

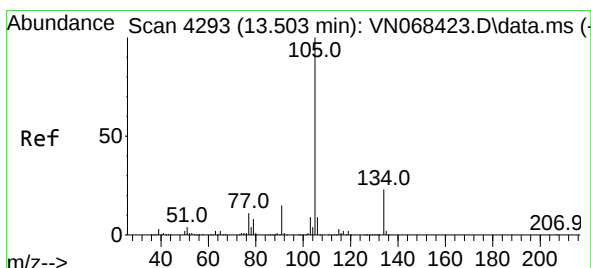
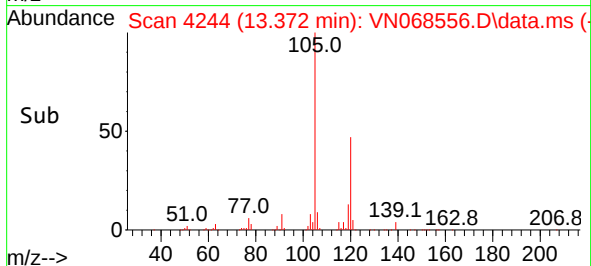
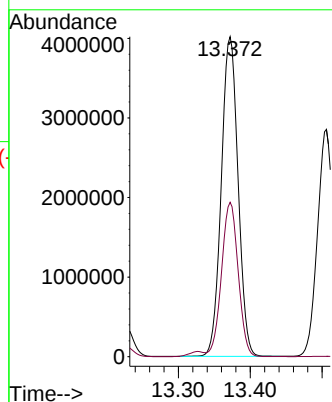
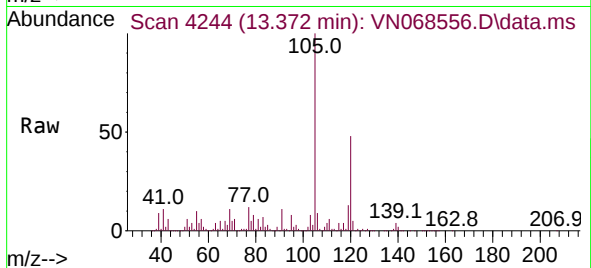
Acq: 18 Sep 2021 7:44

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

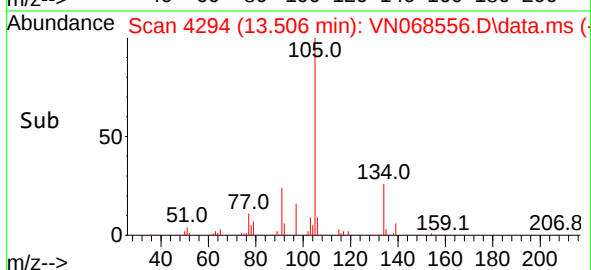
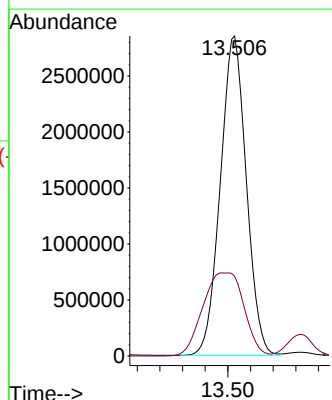
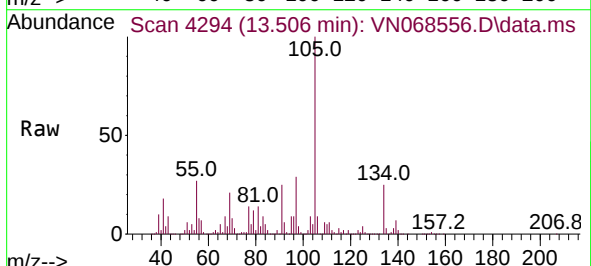
Acq: 18 Sep 2021 7:44

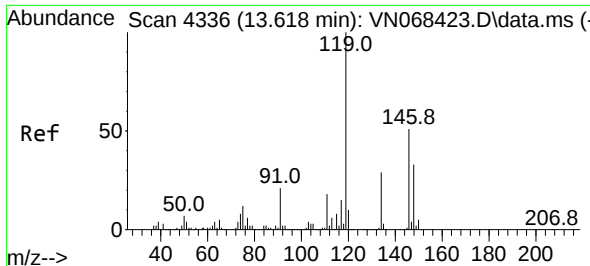
Tgt Ion:105 Resp: 4532283

Ion Ratio Lower Upper

105 100

134 41.1 11.4 34.1#

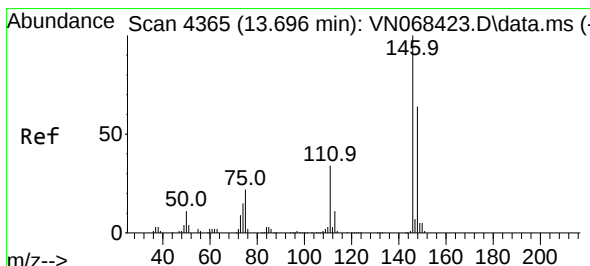
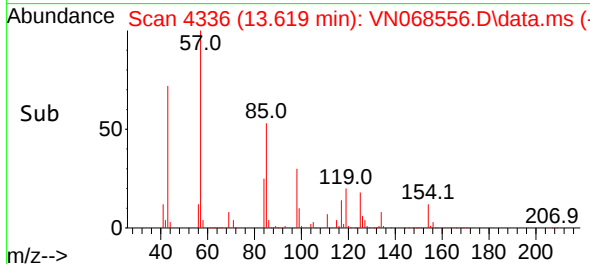
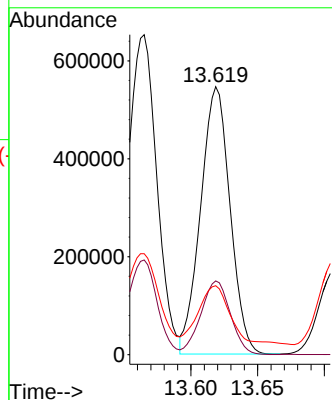
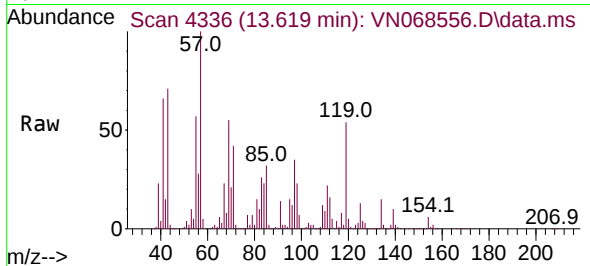




#86
p-Isopropyltoluene
Concen: 17.518 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.001 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

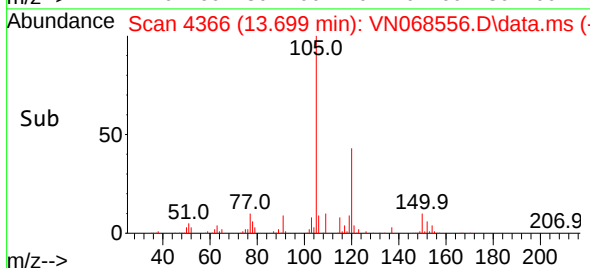
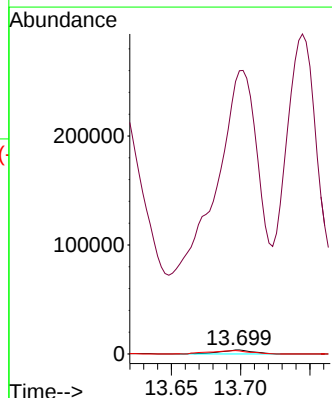
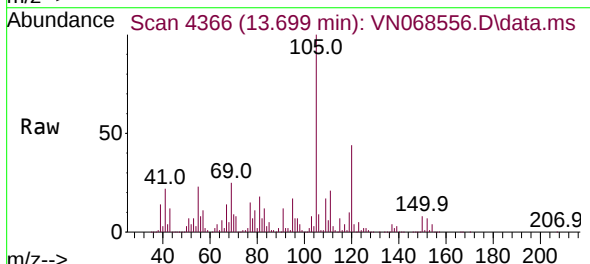
Instrument :
MSVOA_N
ClientSampleId :
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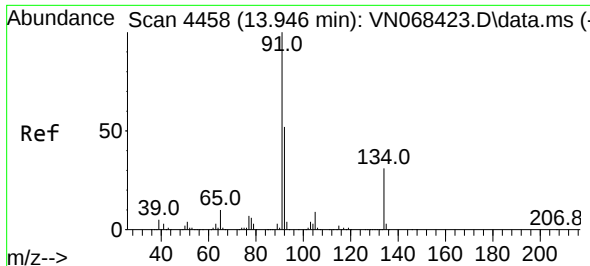
Tgt Ion:119 Resp: 837259
Ion Ratio Lower Upper
119 100
134 27.7 14.1 42.4
91 23.9 10.6 31.8



#88
1,4-Dichlorobenzene
Concen: 0.223 ug/l
RT: 13.699 min Scan# 4366
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:146 Resp: 6120
Ion Ratio Lower Upper
146 100
111 6033.5 17.2 51.6#
148 101.4 31.9 95.7#

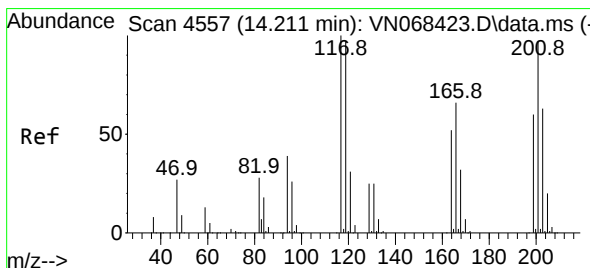
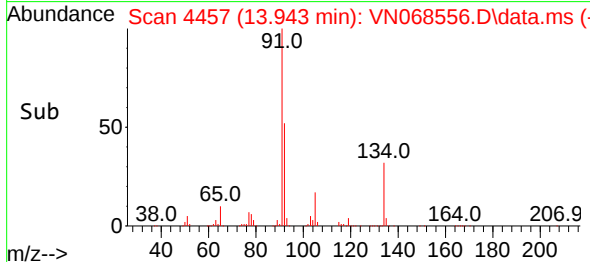
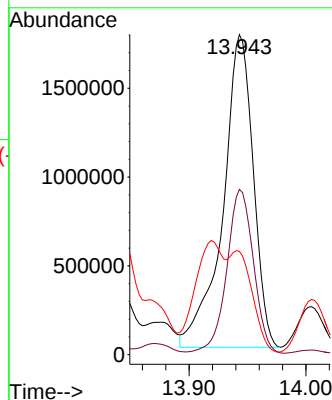
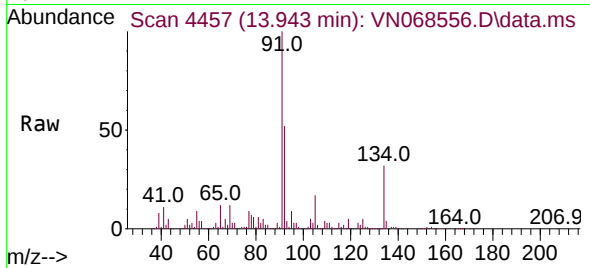




#89
n-Butylbenzene
Concen: 91.440 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

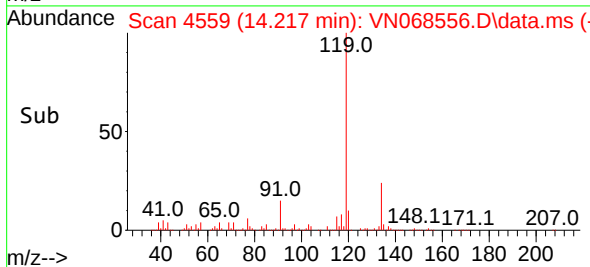
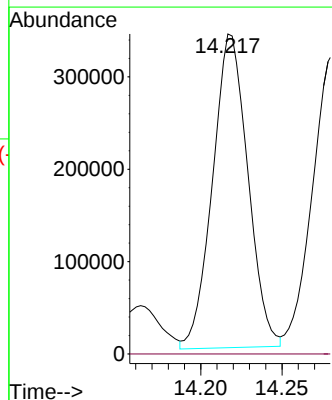
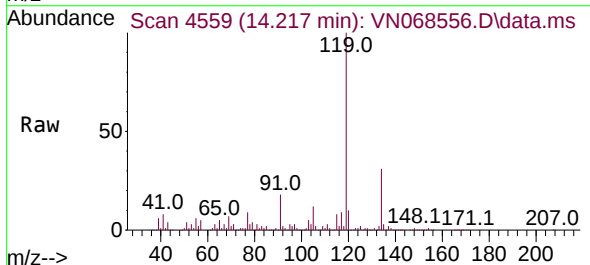
Instrument :
MSVOA_N
ClientSampleId :
NAPL-07-(8-10)-END-POINT

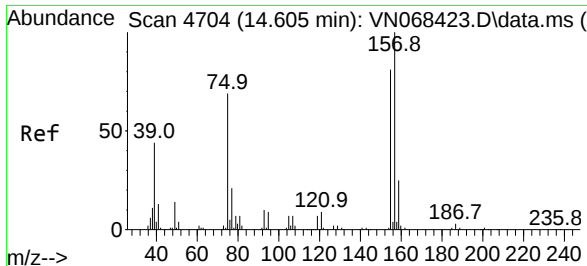
Tgt Ion: 91 Resp: 3183550
Ion Ratio Lower Upper
91 100
92 46.1 26.0 78.0
134 0.0 15.4 46.2#



#90
Hexachloroethane
Concen: 61.087 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.006 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 117 Resp: 512482
Ion Ratio Lower Upper
117 100
201 0.0 49.3 147.9#

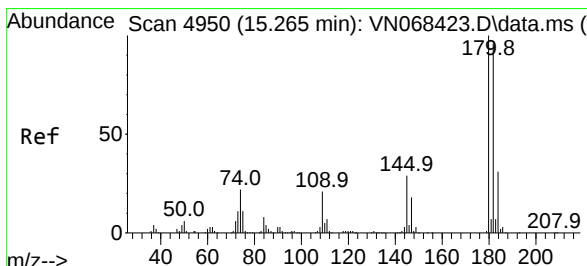
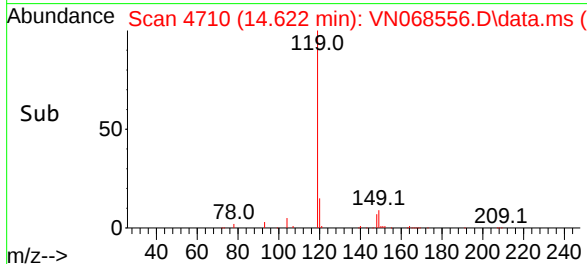
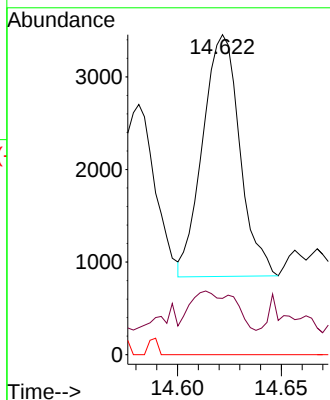
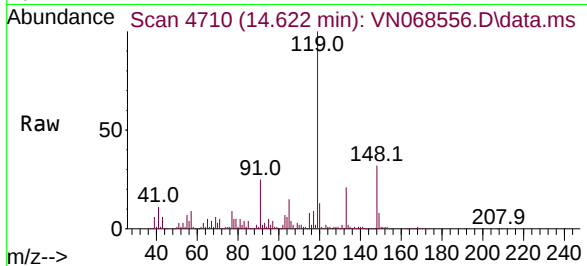




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.261 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.017 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

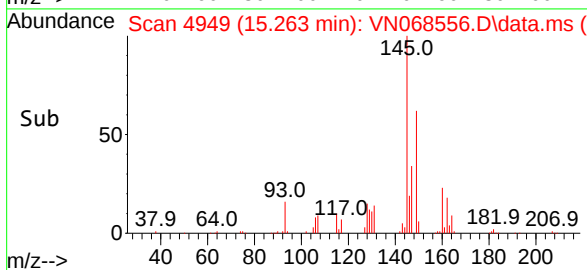
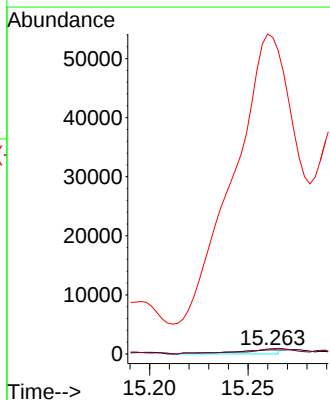
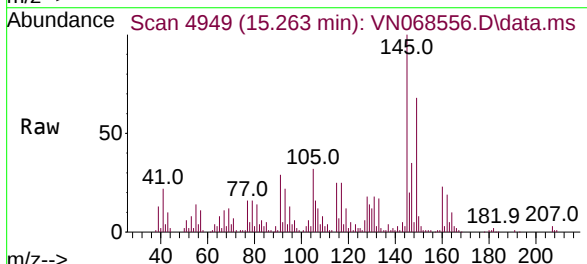
Instrument :
MSVOA_N
ClientSampleId :
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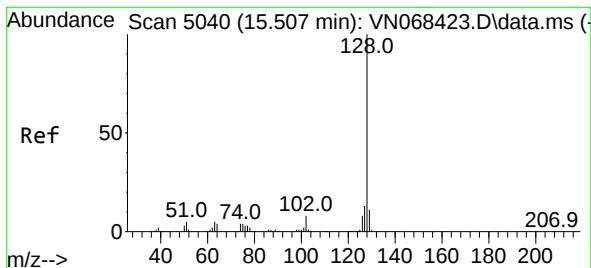
Tgt Ion: 75 Resp: 3250
Ion Ratio Lower Upper
75 100
155 19.1 56.9 170.7#
157 0.0 73.0 219.2#



#93
1,2,4-Trichlorobenzene
Concen: 3.031 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion: 180 Resp: 1167
Ion Ratio Lower Upper
180 100
182 149.6 47.5 142.6#
145 10835.8 14.1 42.4#

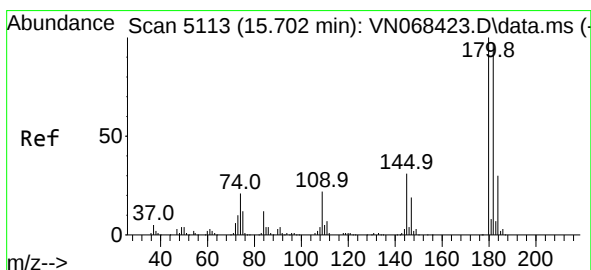
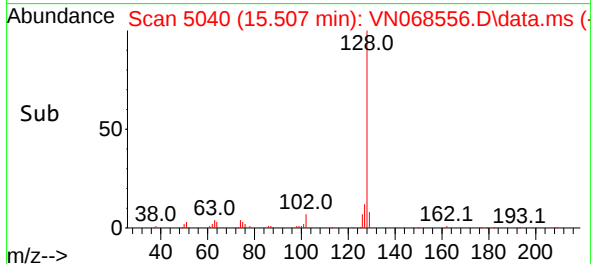
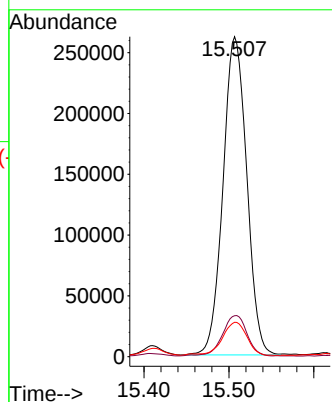
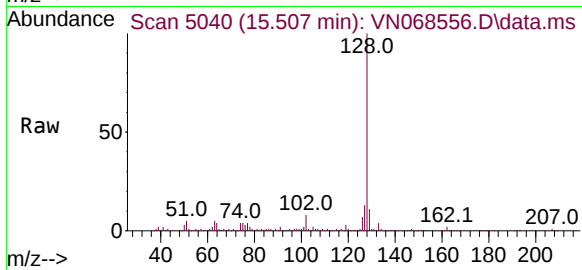




#95
Naphthalene
Concen: 18.153 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

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

Tgt Ion:128 Resp: 507728
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 3.045 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068556.D
Acq: 18 Sep 2021 7:44

Tgt Ion:180 Resp: 1083
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 0.0 15.2 45.5#

