

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068539.D
 Acq On : 18 Sep 2021 00:34
 Operator : JC/MD
 Sample : M3750-03
 Misc : 6.13g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-AREA-04-(5-7)ME

Quant Time: Sep 20 05:58:30 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	8.080	168	579909	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.965	114	770530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	725413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	331310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	238200	44.779	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.560%		
35) Dibromofluoromethane	8.018	113	233387	50.220	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.440%		
50) Toluene-d8	10.443	98	897959	47.318	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.640%		
62) 4-Bromofluorobenzene	12.736	95	293830	47.036	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.080%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.298	50	672	Below Cal	#	71
4) Vinyl Chloride	2.448	62	9215	1.283	ug/l	94
5) Bromomethane	2.805	94	2035	Below Cal		81
11) Tert butyl alcohol	5.299	59	44476	50.019	ug/l #	85
16) Acetone	4.274	43	158	Below Cal	#	41
18) Methyl Acetate	4.854	43	4935	Below Cal		96
20) Methylene Chloride	5.060	84	4570	Below Cal		91
25) 2-Butanone	7.343	43	5825	2.253	ug/l #	81
27) cis-1,2-Dichloroethene	7.316	96	132818	21.740	ug/l	89
31) Cyclohexane	8.083	56	8181	1.015	ug/l #	17
36) 1,1-Dichloropropene	8.078	75	31904	4.966	ug/l #	47
37) Ethyl Acetate	7.343	43	5825	1.192	ug/l #	66
38) Carbon Tetrachloride	8.080	117	47077	6.117	ug/l #	16
43) Isopropyl Acetate	8.584	43	3107	0.360	ug/l #	51
44) Trichloroethene	9.212	130	12129	2.015	ug/l	96
49) 1,4-Dioxane	9.585	88	187	2.264	ug/l #	13
51) 4-Methyl-2-Pentanone	10.338	43	5437	1.105	ug/l	96
56) Ethyl methacrylate	10.768	69	1246	0.200	ug/l #	85
59) 2-Hexanone	11.089	43	9573	2.904	ug/l	92
60) Dibromochloromethane	11.242	129	278	1.842	ug/l	87
64) Tetrachloroethene	10.979	164	10210	1.588	ug/l	93
68) m/p-Xylenes	11.958	106	3208	0.327	ug/l	92
70) Styrene	12.296	104	3093	1.931	ug/l	97
71) Bromoform	12.463	173	553	2.621	ug/l #	29
74) N-amyl acetate	12.393	43	6009	1.143	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.833	83	1475	0.223	ug/l #	88
76) 1,2,3-Trichloropropane	12.736	75	143071	30.985	ug/l #	1
77) Bromobenzene	12.865	156	2098	0.322	ug/l	92
78) n-propylbenzene	12.924	91	7099	0.285	ug/l	94
79) 2-Chlorotoluene	13.010	91	3318	0.216	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.736	75	143071	95.703	ug/l #	13
82) 4-Chlorotoluene	13.109	91	5231	0.354	ug/l	70
84) 1,2,4-Trimethylbenzene	13.369	105	5950	0.324	ug/l	87
85) sec-Butylbenzene	13.506	105	6478	0.281	ug/l	83
86) p-Isopropyltoluene	13.616	119	6523	0.335	ug/l	94
87) 1,3-Dichlorobenzene	13.621	146	5602	0.495	ug/l	77

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

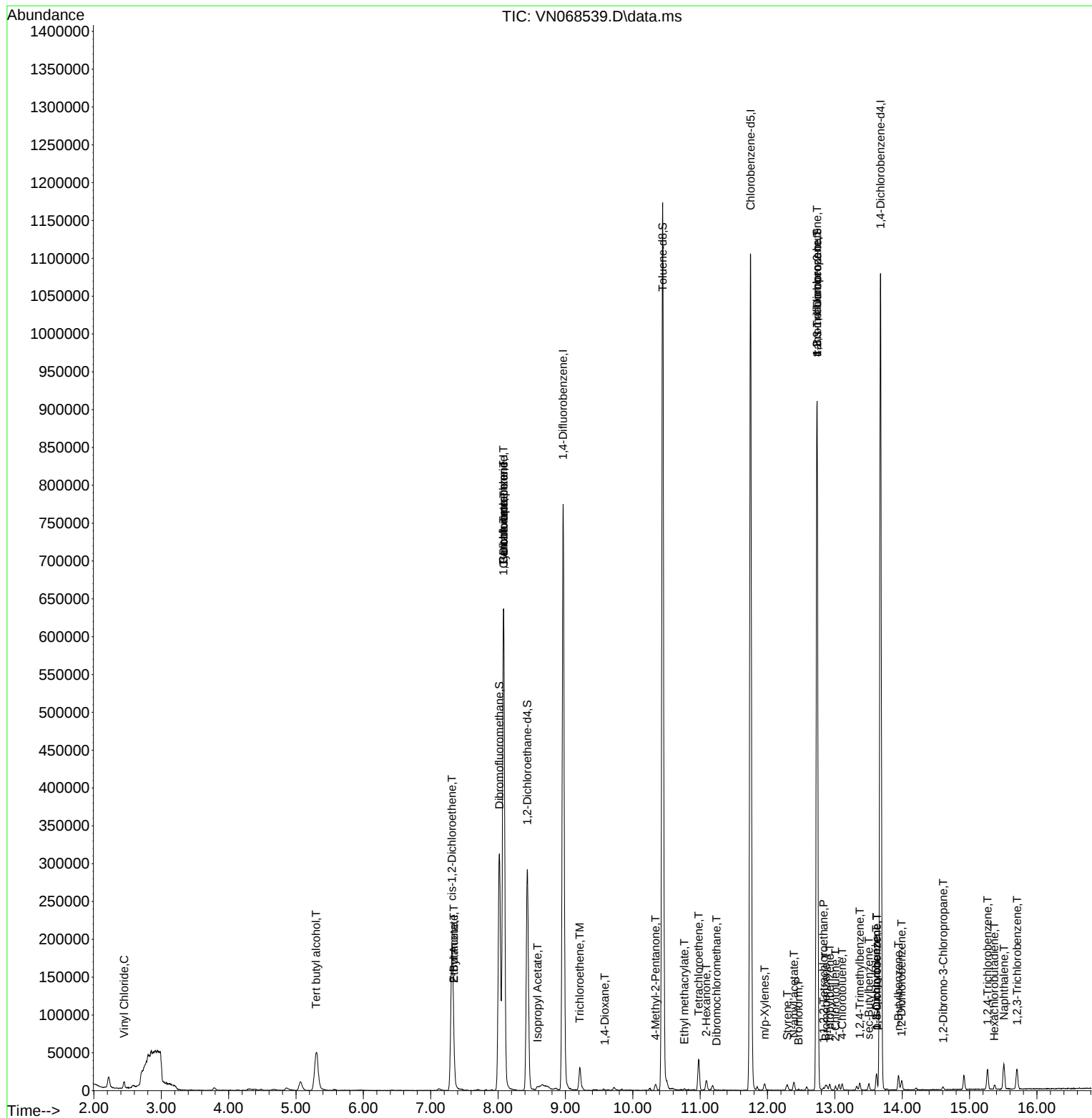
88) 1,4-Dichlorobenzene	13.621	146	5602	0.503	ug/l	76
89) n-Butylbenzene	13.943	91	11623	0.820	ug/l	93
91) 1,2-Dichlorobenzene	13.989	146	6295	0.577	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.608	75	1052	1.003	ug/l	85
93) 1,2,4-Trichlorobenzene	15.268	180	10426	4.543	ug/l	99
94) Hexachlorobutadiene	15.364	225	746	0.232	ug/l #	25
95) Naphthalene	15.509	128	33830	5.895	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	11012	4.747	ug/l	92

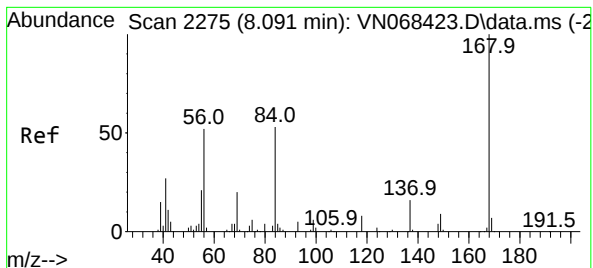
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.080 min Scan# 2271

Delta R.T. -0.011 min

Lab File: VN068539.D

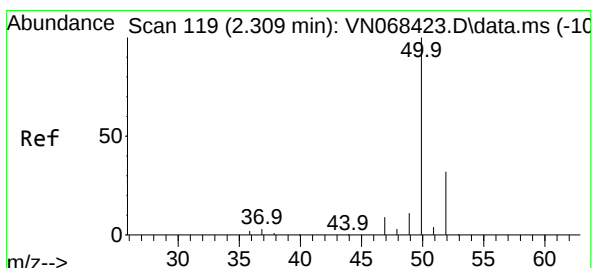
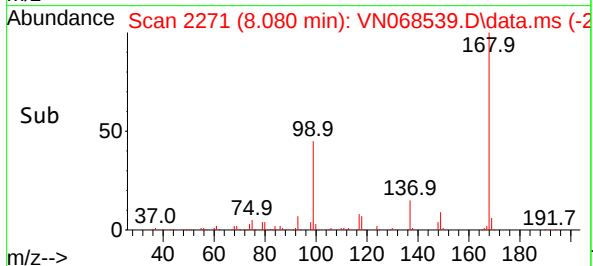
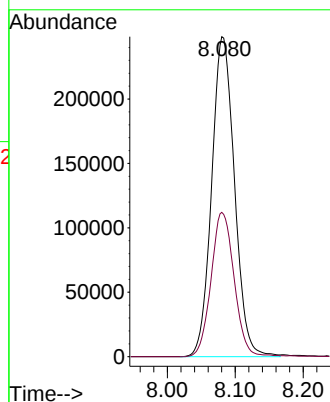
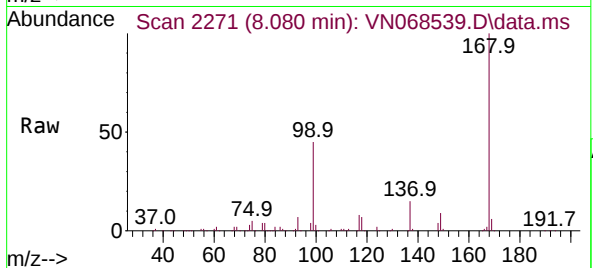
Acq: 18 Sep 2021 00:34

Tgt Ion:168 Resp: 579909

Ion Ratio Lower Upper

168 100

99 45.1 38.2 57.4



#3

Chloromethane

Concen: Below Cal

RT: 2.298 min Scan# 115

Delta R.T. -0.011 min

Lab File: VN068539.D

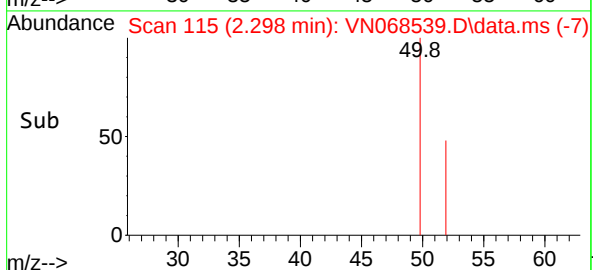
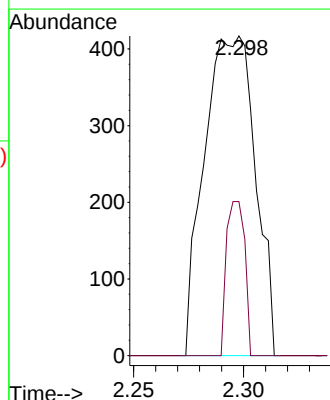
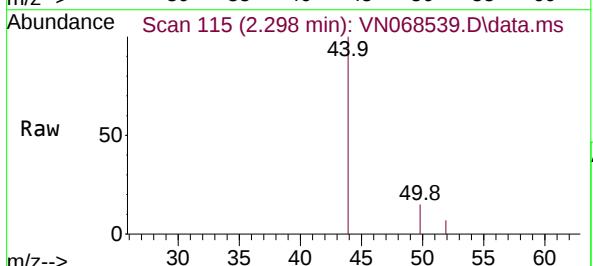
Acq: 18 Sep 2021 00:34

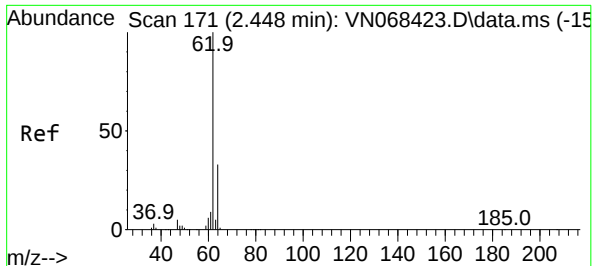
Tgt Ion: 50 Resp: 672

Ion Ratio Lower Upper

50 100

52 48.2 25.8 38.6#

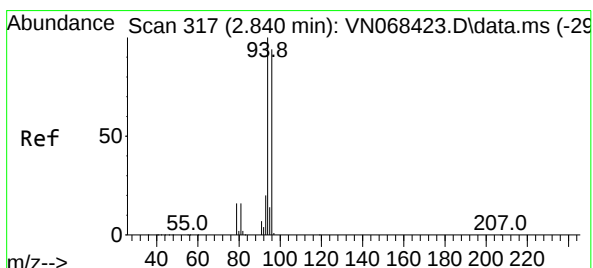
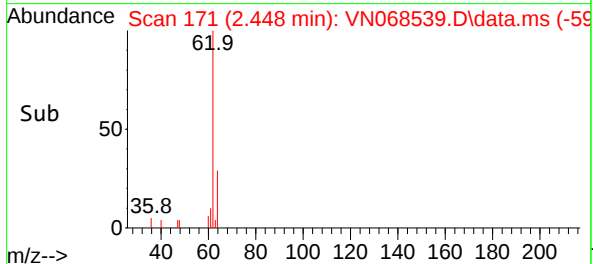
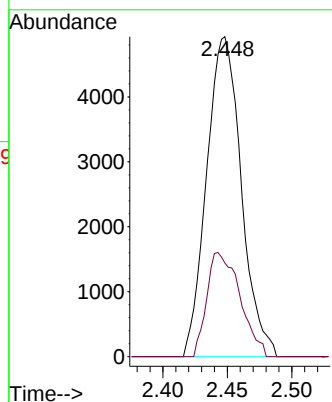
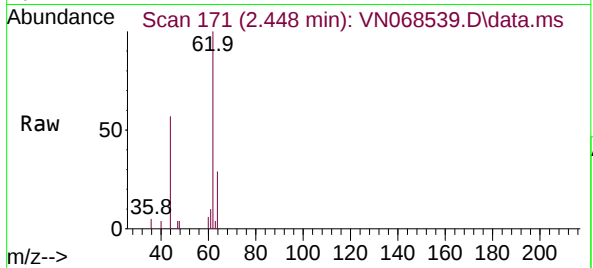




#4
 Vinyl Chloride
 Concen: 1.283 ug/l
 RT: 2.448 min Scan# 171
 Delta R.T. 0.000 min
 Lab File: VN068539.D
 Acq: 18 Sep 2021 00:34

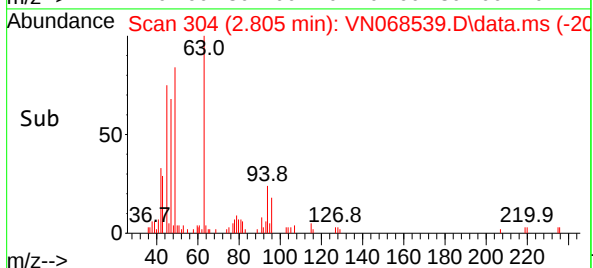
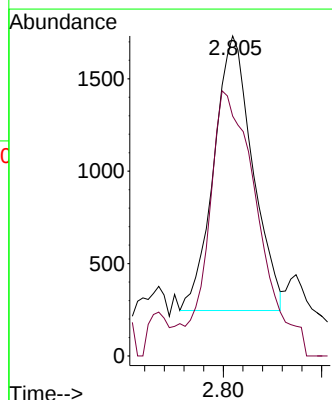
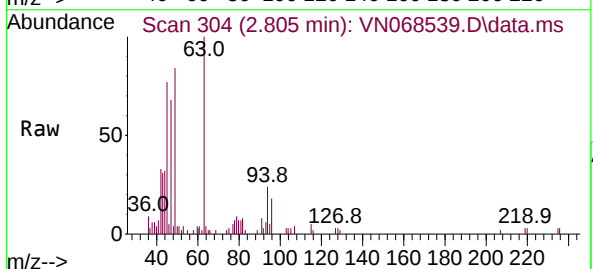
Instrument :
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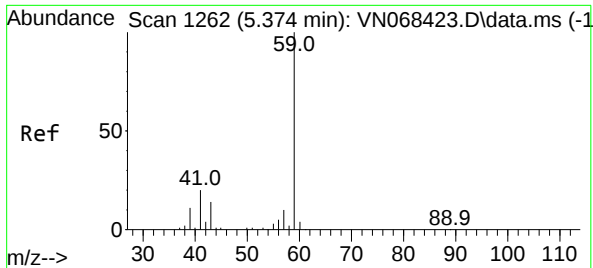
Tgt Ion: 62 Resp: 9215
 Ion Ratio Lower Upper
 62 100
 64 29.3 26.3 39.5



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.805 min Scan# 304
 Delta R.T. -0.035 min
 Lab File: VN068539.D
 Acq: 18 Sep 2021 00:34

Tgt Ion: 94 Resp: 2035
 Ion Ratio Lower Upper
 94 100
 96 75.6 75.4 113.0



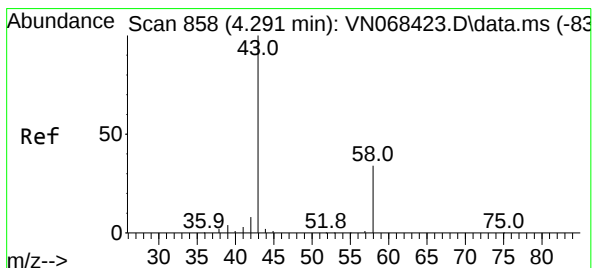
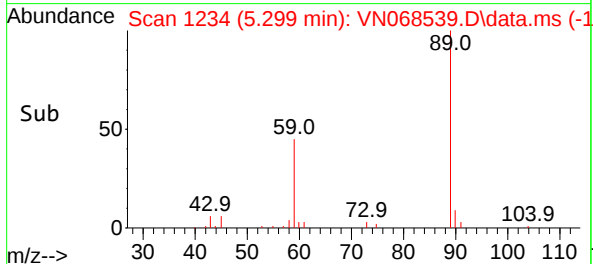
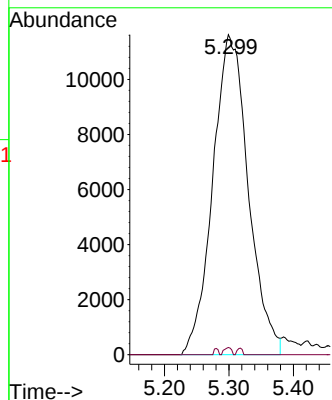
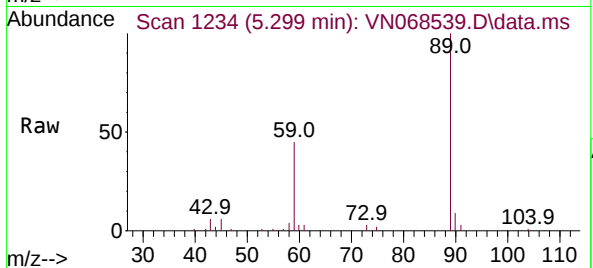


#11

Tert butyl alcohol
Concen: 50.019 ug/l
RT: 5.299 min Scan# 1234
Delta R.T. -0.075 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

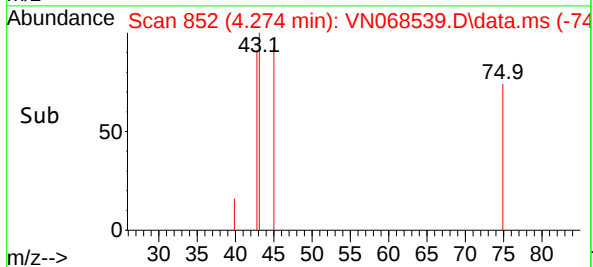
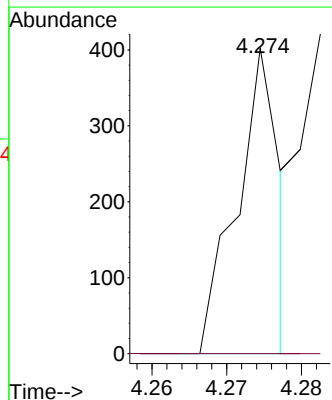
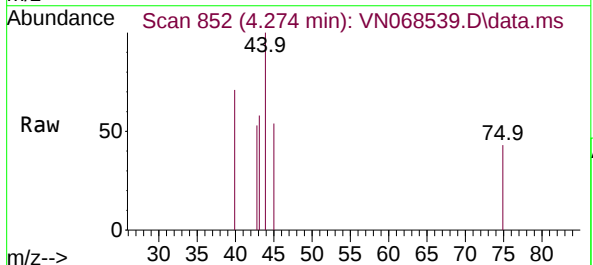
Tgt Ion: 59 Resp: 44476
Ion Ratio Lower Upper
59 100
57 0.5 4.3 6.5#

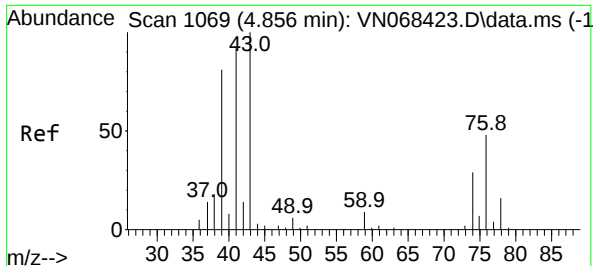


#16

Acetone
Concen: Below Cal
RT: 4.274 min Scan# 852
Delta R.T. -0.017 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 43 Resp: 158
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.854 min Scan# 1068

Delta R.T. -0.002 min

Lab File: VN068539.D

Acq: 18 Sep 2021 00:34

Tgt Ion: 43 Resp: 4935

Ion Ratio Lower Upper

43 100

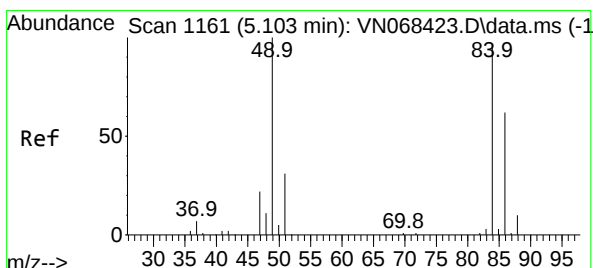
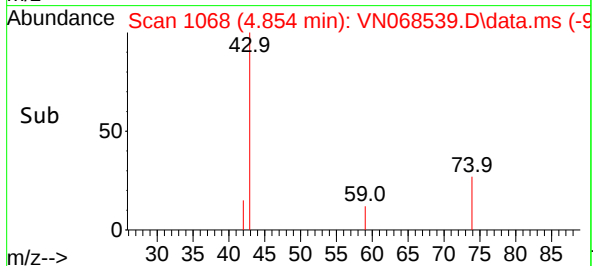
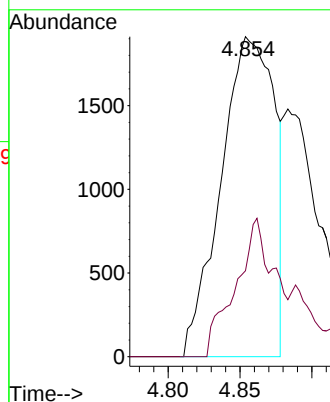
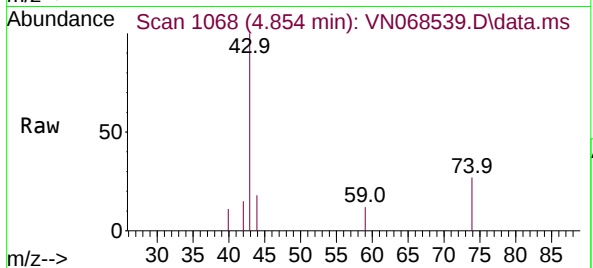
74 31.6 23.5 35.3

Instrument :

MSVOA_N

ClientSampleId :

NAPL-AREA-04-(5-7)ME



#20

Methylene Chloride

Concen: Below Cal

RT: 5.060 min Scan# 1145

Delta R.T. -0.043 min

Lab File: VN068539.D

Acq: 18 Sep 2021 00:34

Tgt Ion: 84 Resp: 4570

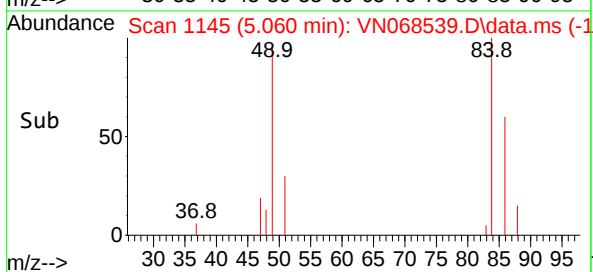
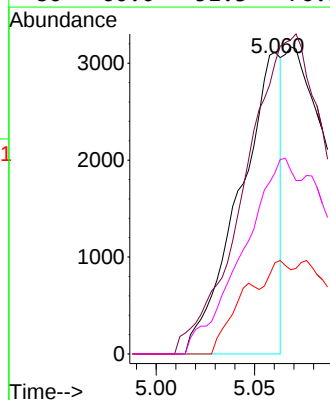
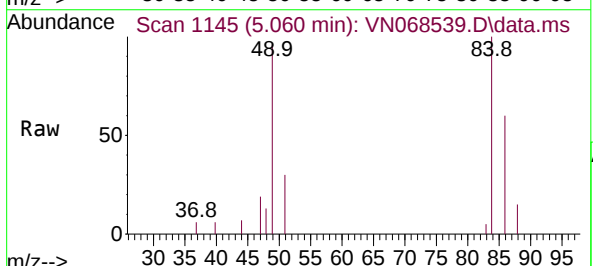
Ion Ratio Lower Upper

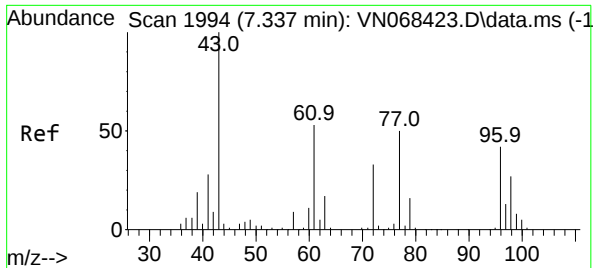
84 100

49 90.6 83.0 124.6

51 30.2 25.4 38.0

86 60.0 51.3 76.9

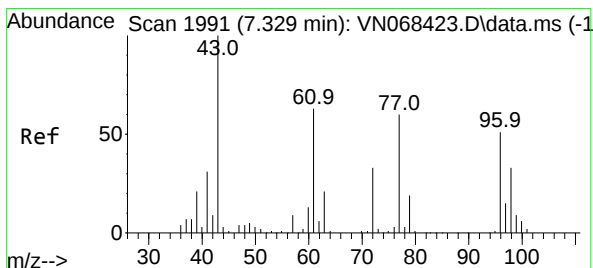
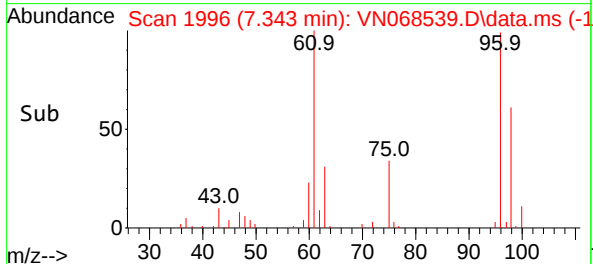
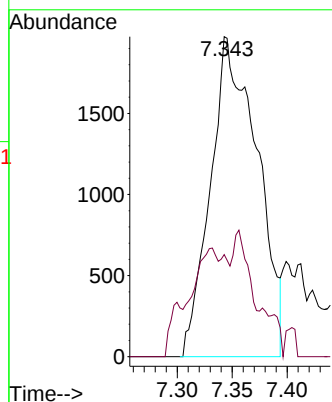
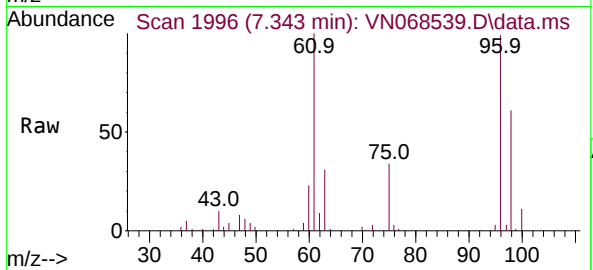




#25
2-Butanone
Concen: 2.253 ug/l
RT: 7.343 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

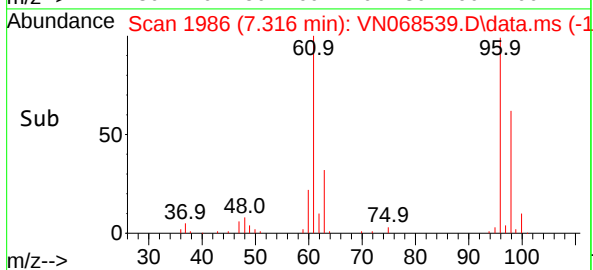
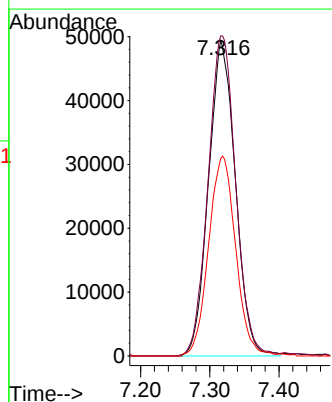
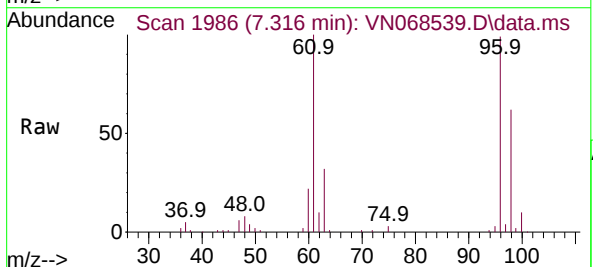
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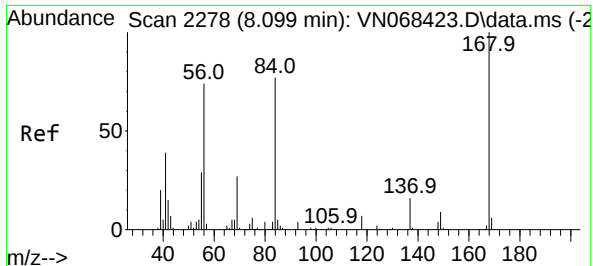
Tgt Ion: 43 Resp: 5825
Ion Ratio Lower Upper
43 100
72 22.9 26.7 40.1#



#27
cis-1,2-Dichloroethene
Concen: 21.740 ug/l
RT: 7.316 min Scan# 1986
Delta R.T. -0.013 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 96 Resp: 132818
Ion Ratio Lower Upper
96 100
61 104.8 0.0 246.4
98 63.9 0.0 130.4

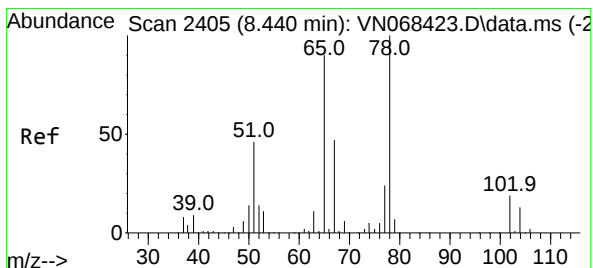
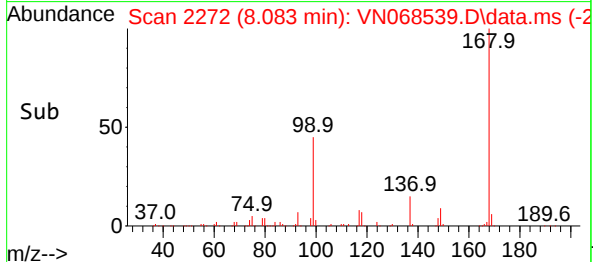
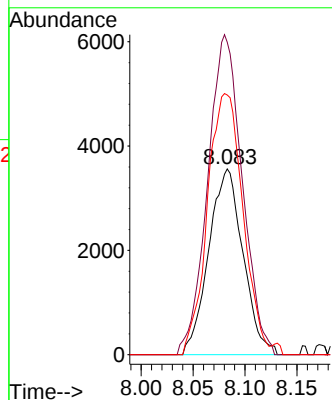
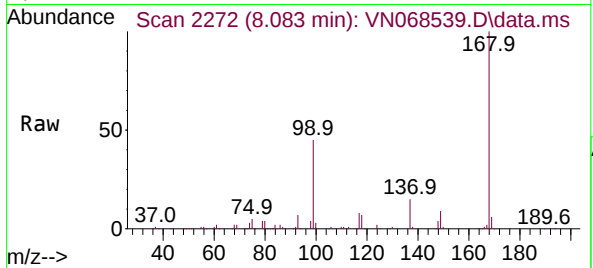




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.016 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

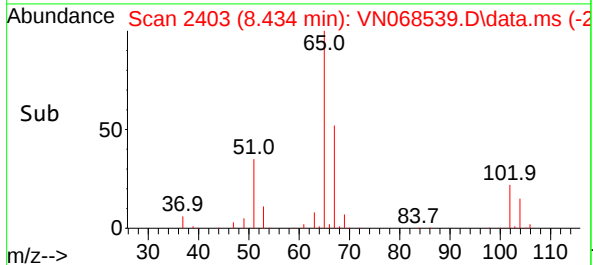
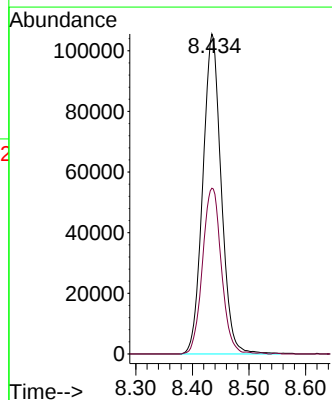
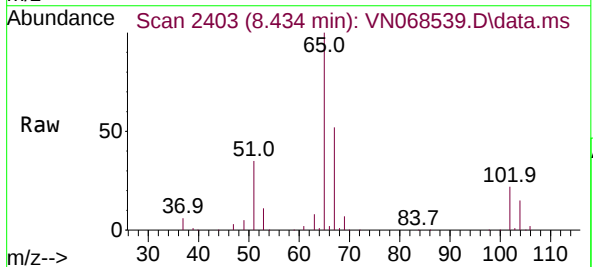
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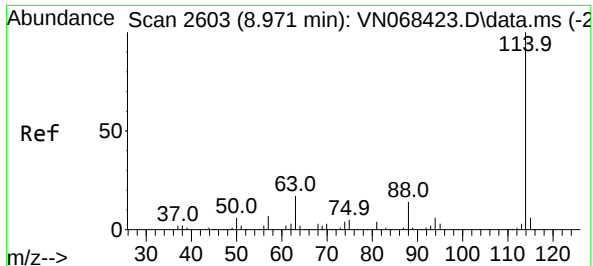
Tgt Ion: 56 Resp: 8181
Ion Ratio Lower Upper
56 100
69 168.2 29.4 44.0#
84 139.8 83.6 125.4#



#33
1,2-Dichloroethane-d4
Concen: 44.779 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 65 Resp: 238200
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.0

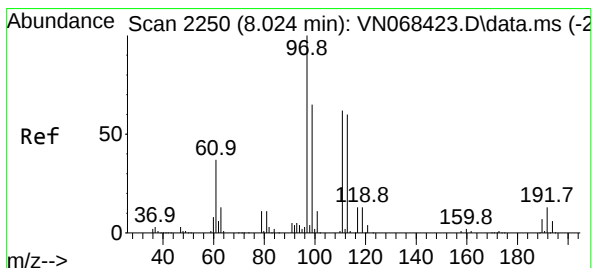
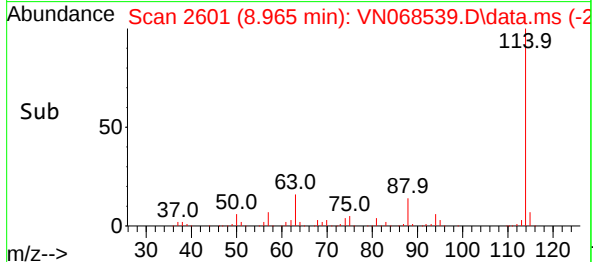
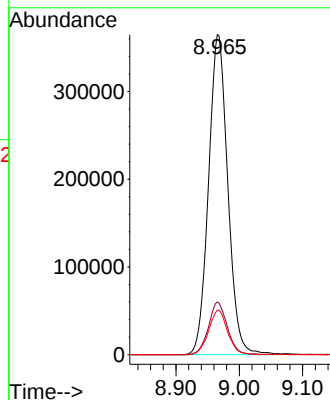
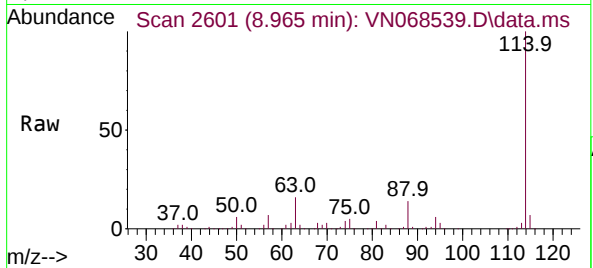




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.006 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

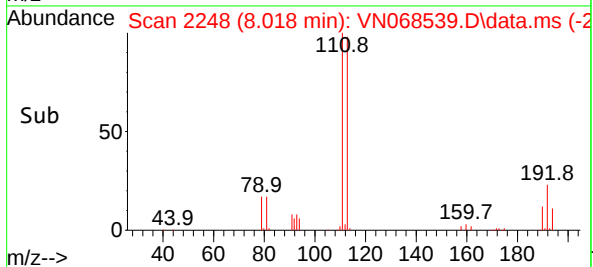
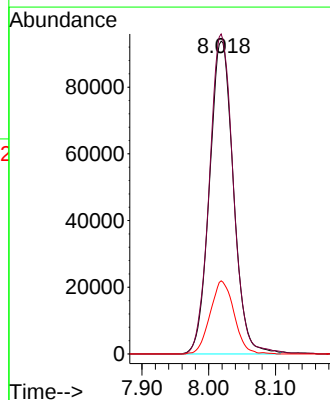
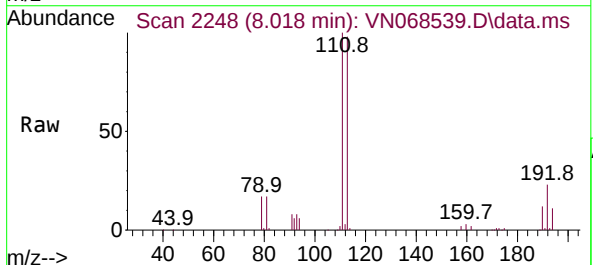
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

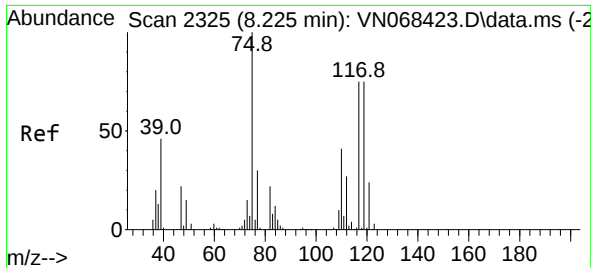
Tgt Ion:114 Resp: 770530
Ion Ratio Lower Upper
114 100
63 16.4 0.0 33.2
88 13.9 0.0 28.4



#35
Dibromofluoromethane
Concen: 50.220 ug/l
RT: 8.018 min Scan# 2248
Delta R.T. -0.005 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:113 Resp: 233387
Ion Ratio Lower Upper
113 100
111 102.5 81.1 121.7
192 23.3 17.7 26.5

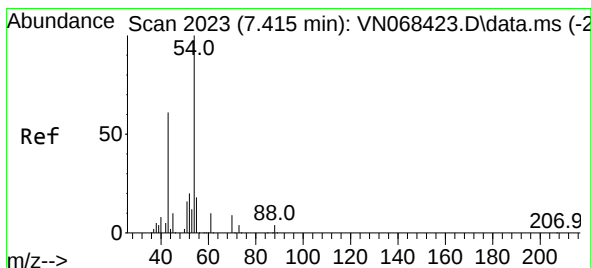
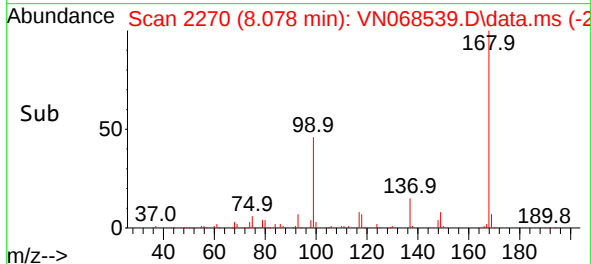
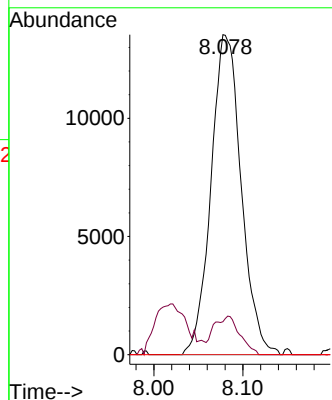
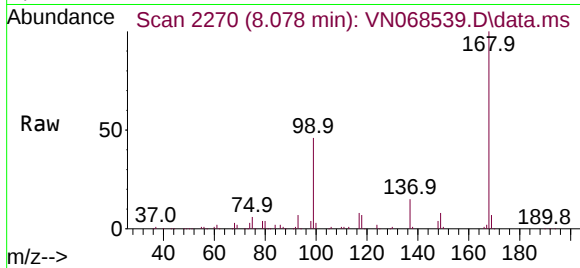




#36
 1,1-Dichloropropene
 Concen: 4.966 ug/l
 RT: 8.078 min Scan# 2270
 Delta R.T. -0.147 min
 Lab File: VN068539.D
 Acq: 18 Sep 2021 00:34

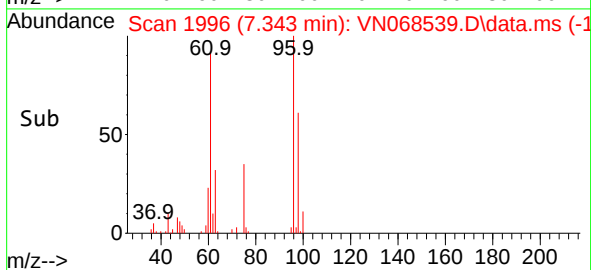
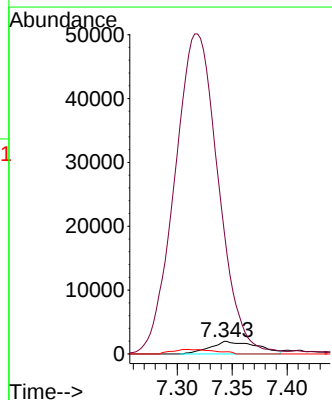
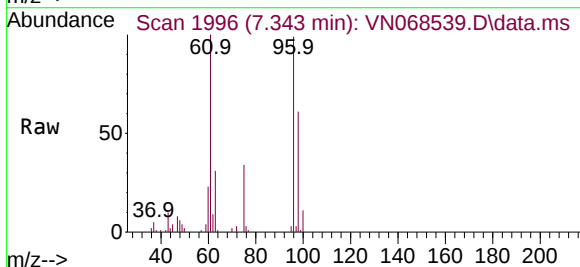
Instrument :
 MSVOA_N
 ClientSampleId :
 NAPL-AREA-04-(5-7)ME

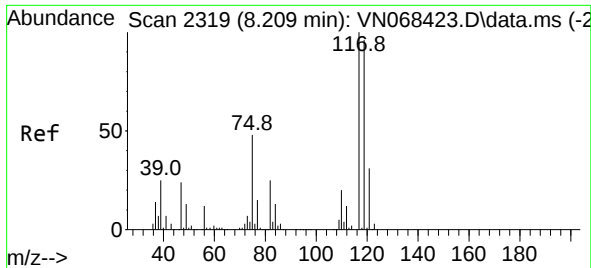
Tgt Ion: 75 Resp: 31904
 Ion Ratio Lower Upper
 75 100
 110 10.4 20.8 62.5#
 77 0.0 25.0 37.6#



#37
 Ethyl Acetate
 Concen: 1.192 ug/l
 RT: 7.343 min Scan# 1996
 Delta R.T. -0.072 min
 Lab File: VN068539.D
 Acq: 18 Sep 2021 00:34

Tgt Ion: 43 Resp: 5825
 Ion Ratio Lower Upper
 43 100
 61 0.0 12.4 18.6#
 70 0.0 9.6 14.4#

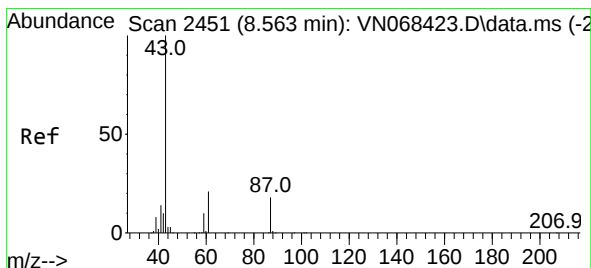
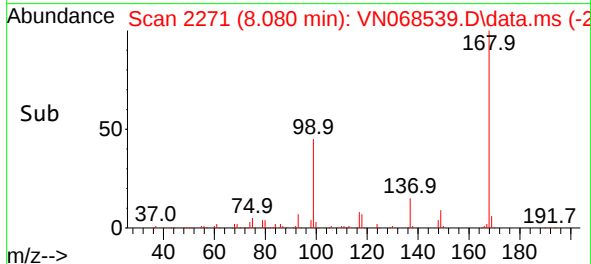
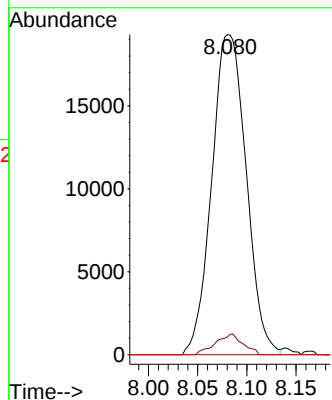
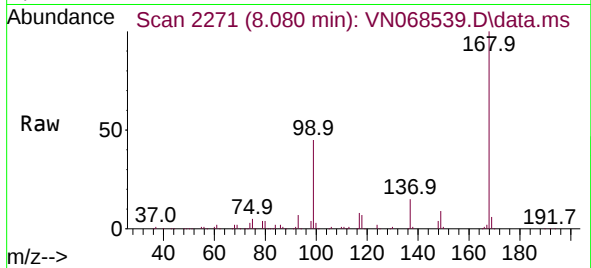




#38
Carbon Tetrachloride
Concen: 6.117 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

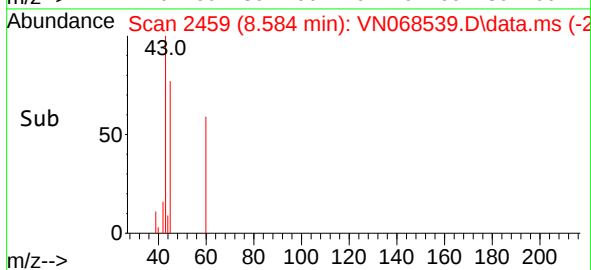
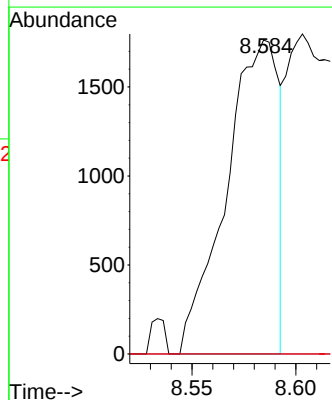
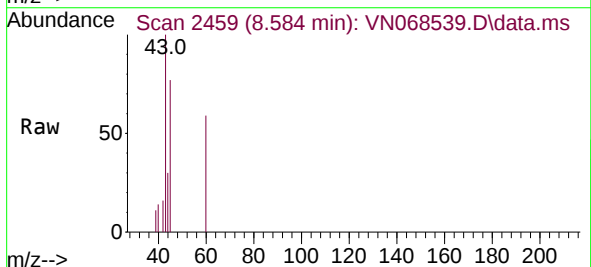
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

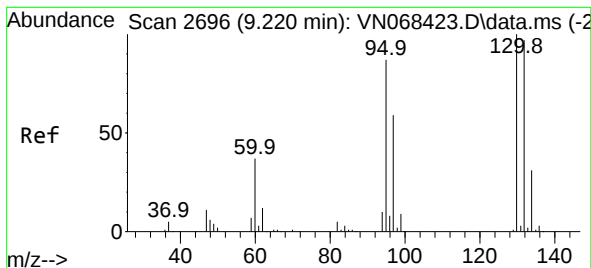
Tgt Ion:117 Resp: 47077
Ion Ratio Lower Upper
117 100
119 5.6 76.6 114.8#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.360 ug/l
RT: 8.584 min Scan# 2459
Delta R.T. 0.021 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 43 Resp: 3107
Ion Ratio Lower Upper
43 100
61 0.0 23.3 34.9#
87 0.0 13.8 20.6#





#44

Trichloroethene

Concen: 2.015 ug/l

RT: 9.212 min Scan# 2693

Delta R.T. -0.008 min

Lab File: VN068539.D

Acq: 18 Sep 2021 00:34

Tgt Ion: 130 Resp: 12129

Ion Ratio Lower Upper

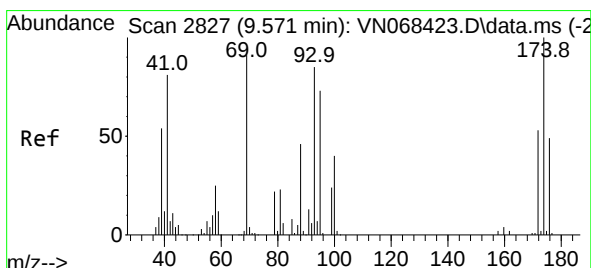
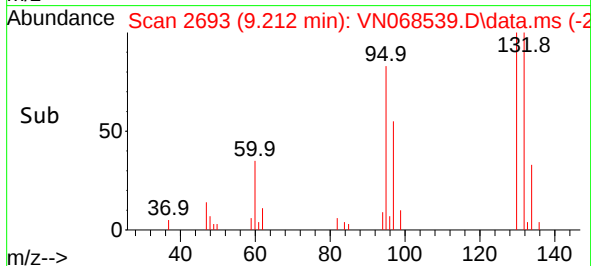
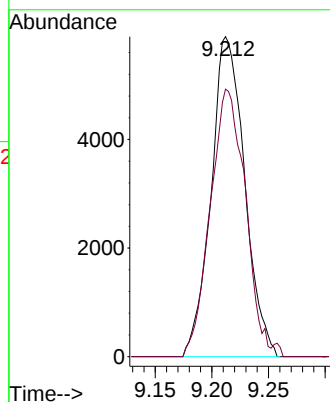
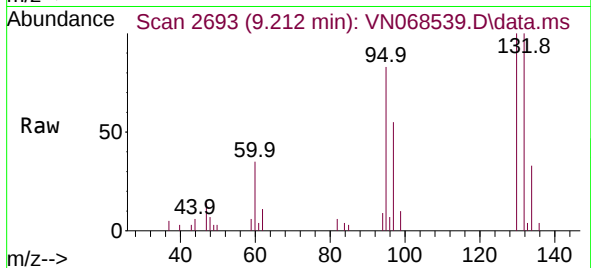
Ion	Ratio	Lower	Upper
130	100		
95	83.6	0.0	173.8

Instrument :

MSVOA_N

ClientSampleId :

NAPL-AREA-04-(5-7)ME



#49

1,4-Dioxane

Concen: 2.264 ug/l

RT: 9.585 min Scan# 2832

Delta R.T. 0.014 min

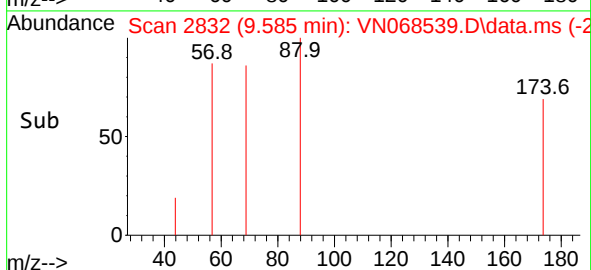
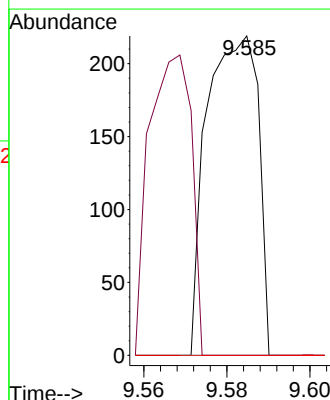
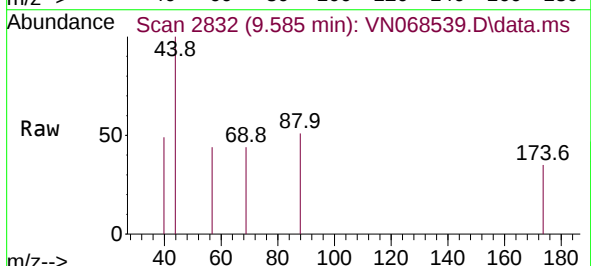
Lab File: VN068539.D

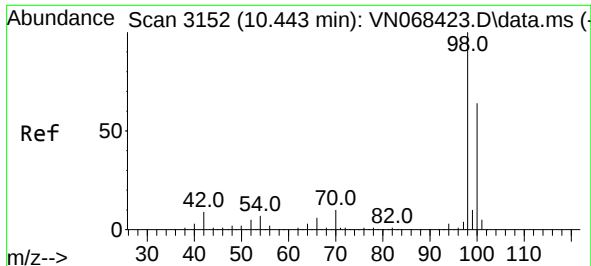
Acq: 18 Sep 2021 00:34

Tgt Ion: 88 Resp: 187

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
88	100		
43	77.5	18.9	28.3#
58	0.0	46.6	69.8#

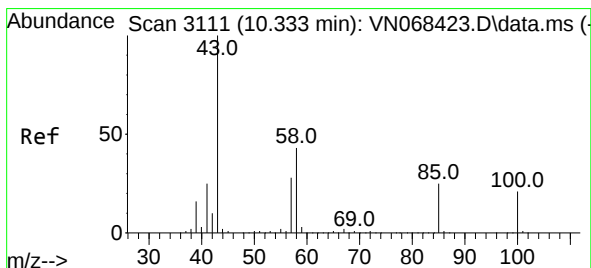
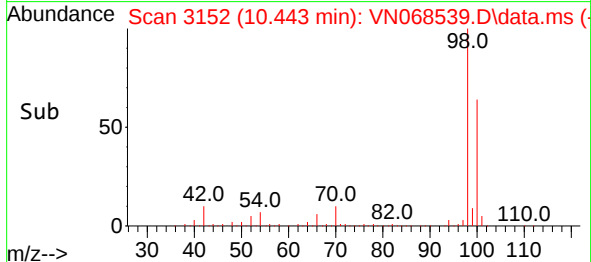
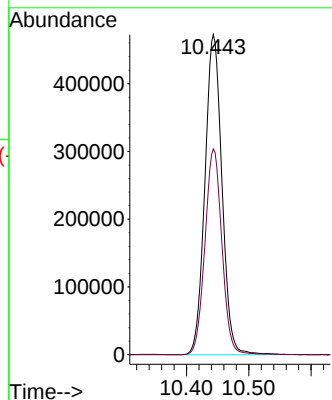
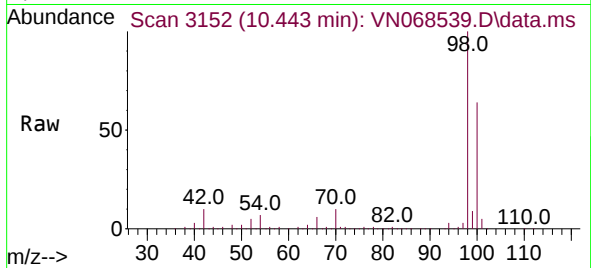




#50
Toluene-d8
Concen: 47.318 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

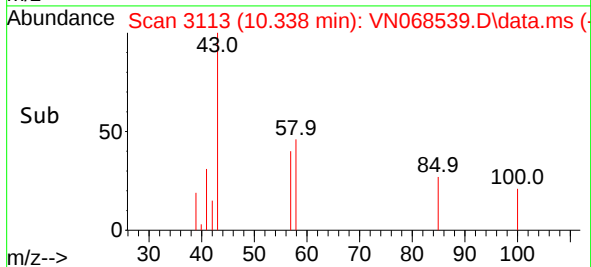
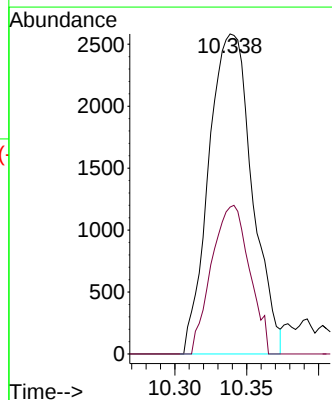
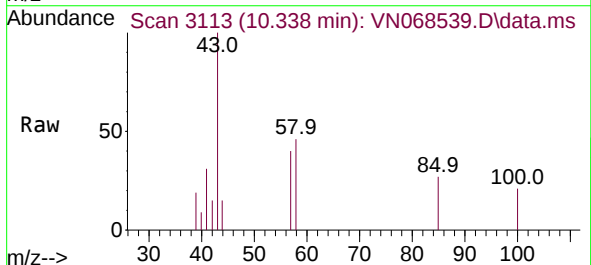
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

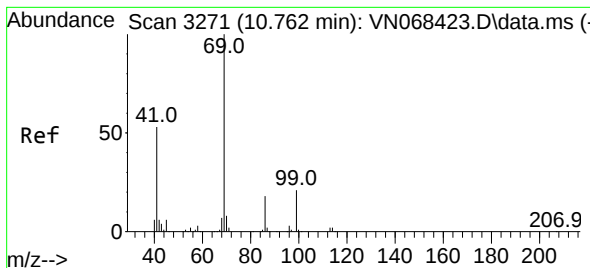
Tgt Ion: 98 Resp: 897959
Ion Ratio Lower Upper
98 100
100 64.1 51.0 76.6



#51
4-Methyl-2-Pentanone
Concen: 1.105 ug/l
RT: 10.338 min Scan# 3113
Delta R.T. 0.005 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 43 Resp: 5437
Ion Ratio Lower Upper
43 100
58 40.5 34.3 51.5

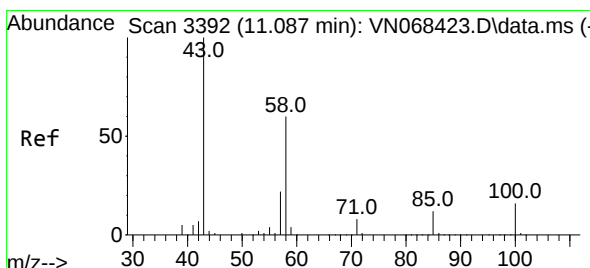
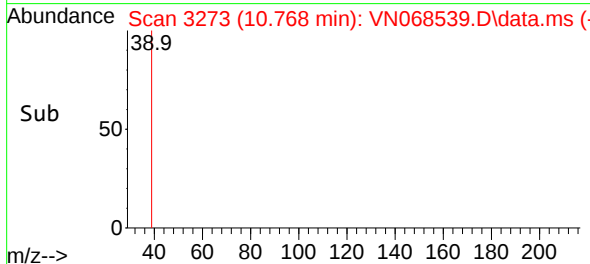
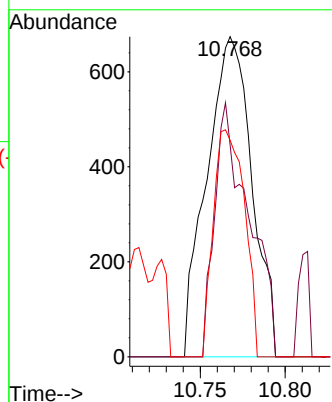
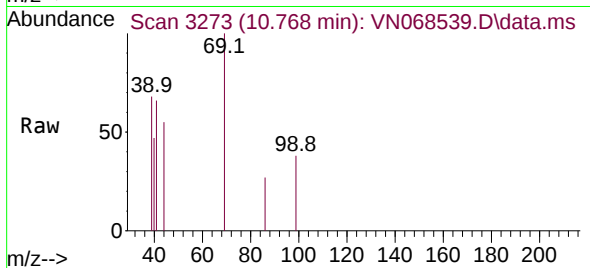




#56
Ethyl methacrylate
Concen: 0.200 ug/l
RT: 10.768 min Scan# 3273
Delta R.T. 0.006 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

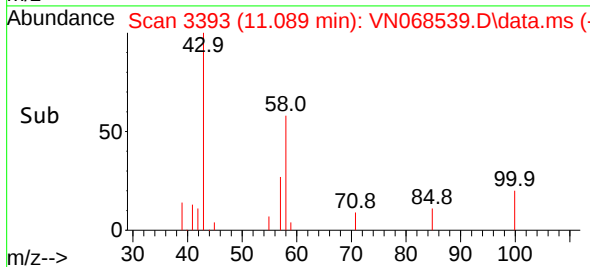
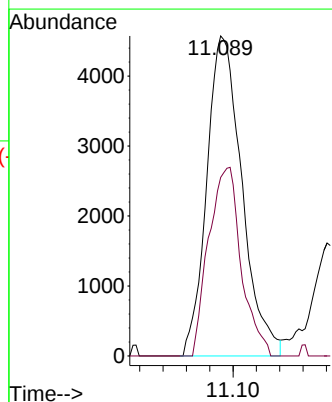
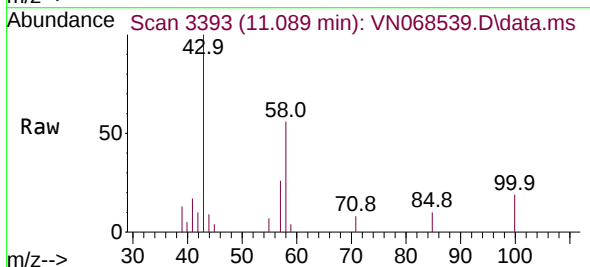
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

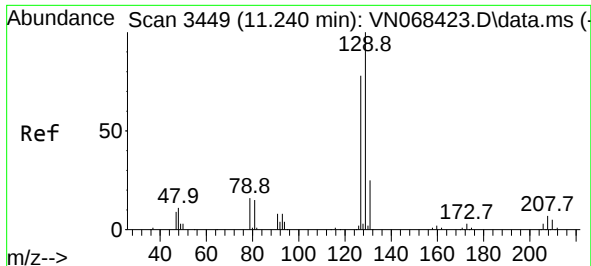
Tgt Ion: 69 Resp: 1246
Ion Ratio Lower Upper
69 100
41 60.3 42.4 63.6
39 48.8 28.5 42.7#



#59
2-Hexanone
Concen: 2.904 ug/l
RT: 11.089 min Scan# 3393
Delta R.T. 0.002 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 43 Resp: 9573
Ion Ratio Lower Upper
43 100
58 54.3 30.0 90.1

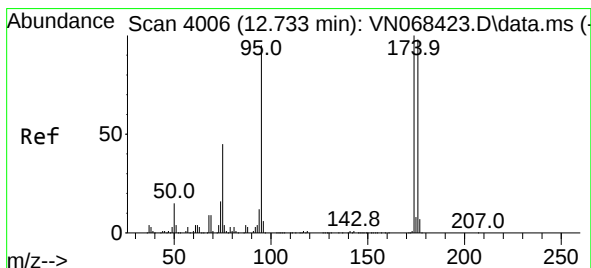
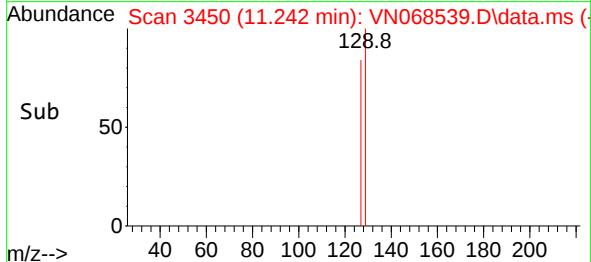
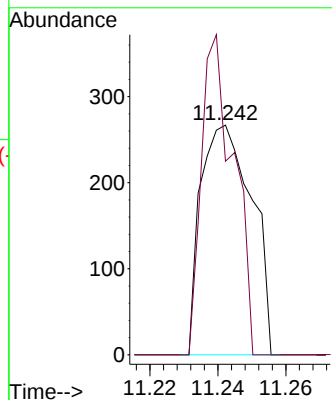
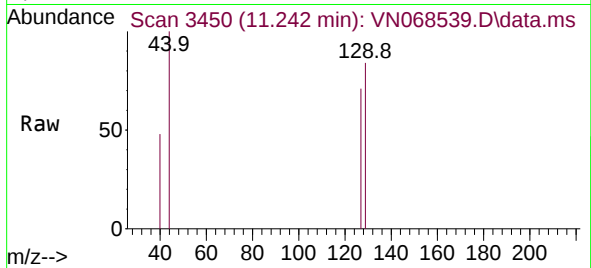




#60
Dibromochloromethane
Concen: 1.842 ug/l
RT: 11.242 min Scan# 3450
Delta R.T. 0.002 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

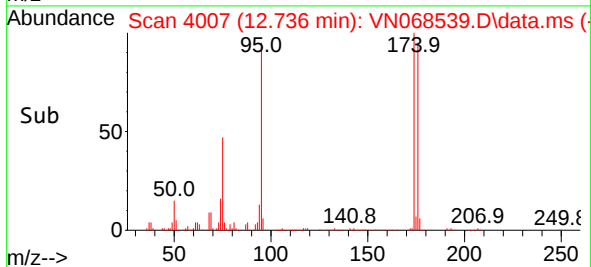
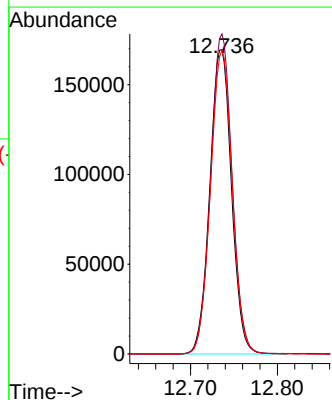
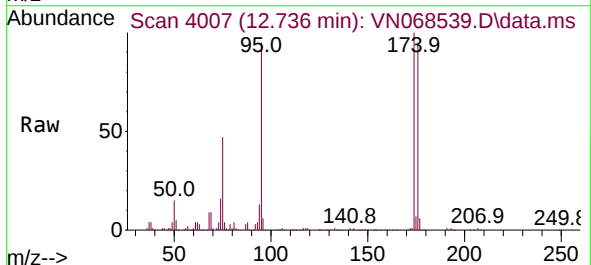
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

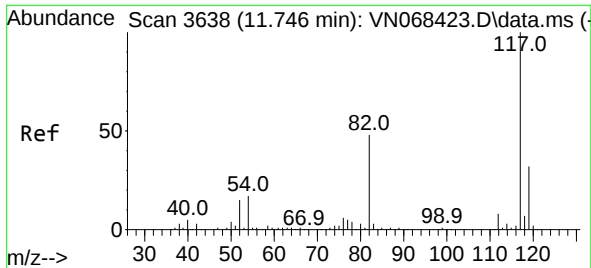
Tgt Ion:129 Resp: 278
Ion Ratio Lower Upper
129 100
127 87.8 38.5 115.3



#62
4-Bromofluorobenzene
Concen: 47.036 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 95 Resp: 293830
Ion Ratio Lower Upper
95 100
174 104.5 0.0 214.0
176 100.0 0.0 205.4

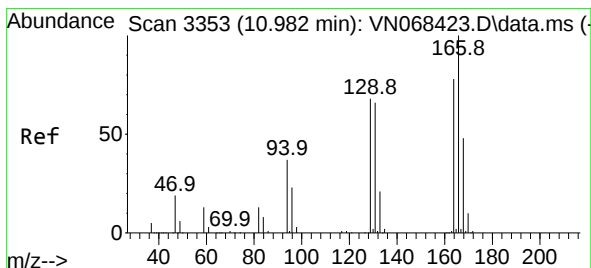
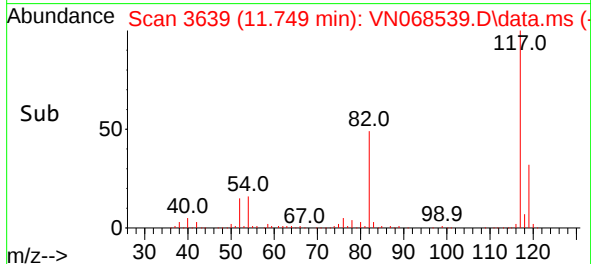
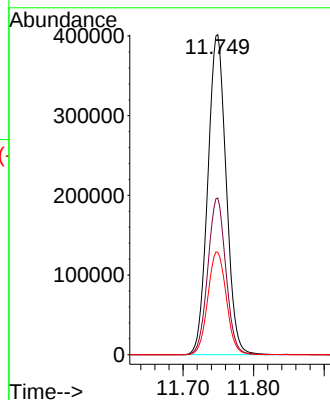
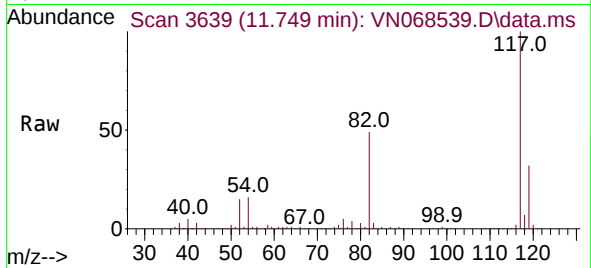




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

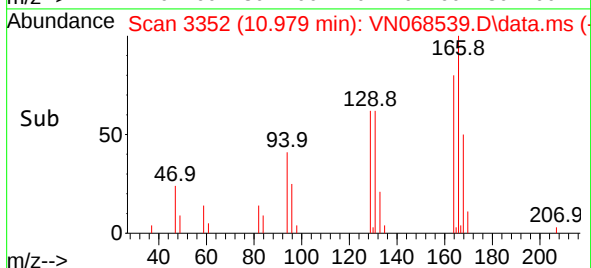
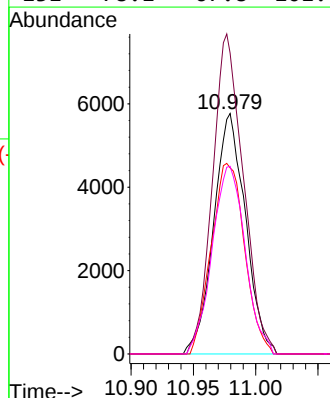
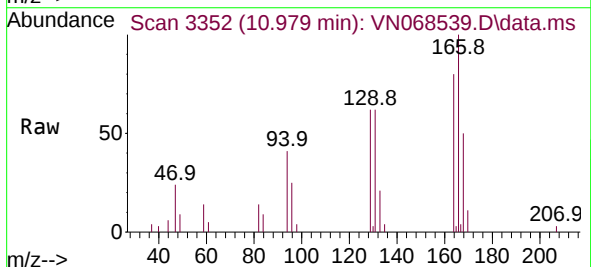
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

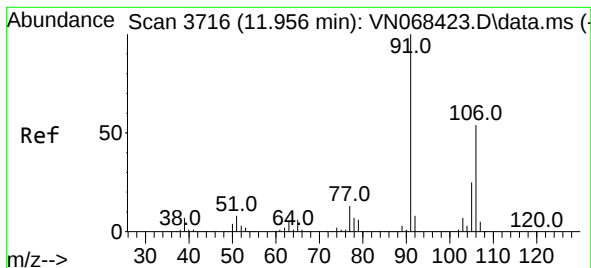
Tgt Ion:117 Resp: 725413
Ion Ratio Lower Upper
117 100
82 48.9 38.7 58.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.588 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:164 Resp: 10210
Ion Ratio Lower Upper
164 100
166 125.1 102.9 154.3
129 77.4 70.1 105.1
131 78.1 67.8 101.6

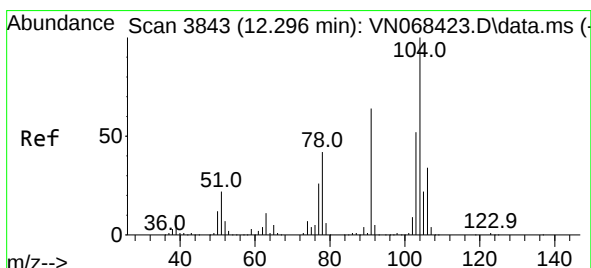
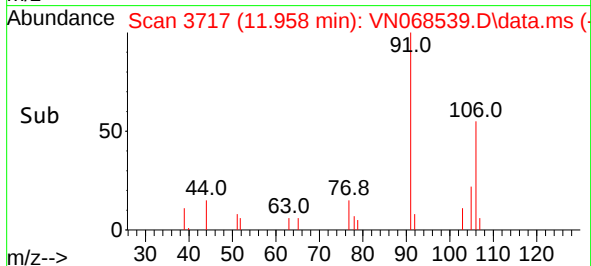
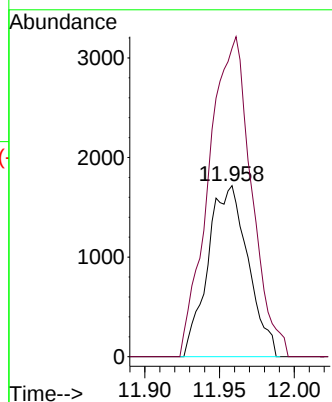
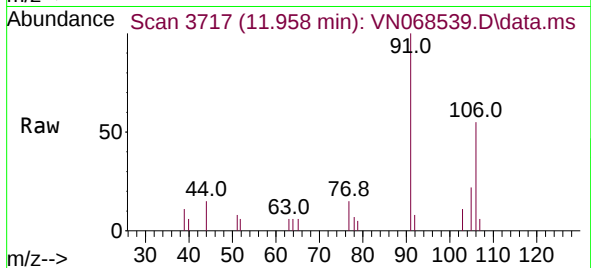




#68
m/p-Xylenes
Concen: 0.327 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.002 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

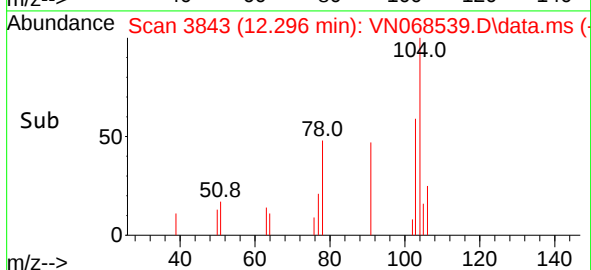
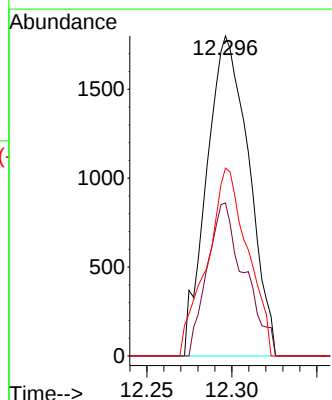
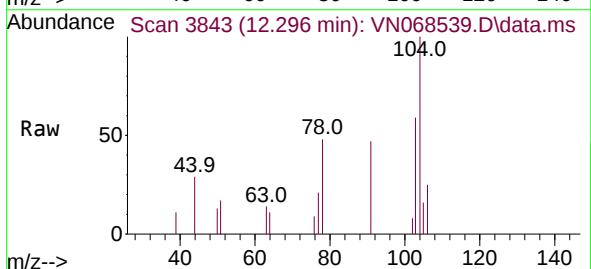
Instrument :
MSVOA_N
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NAPL-AREA-04-(5-7)ME

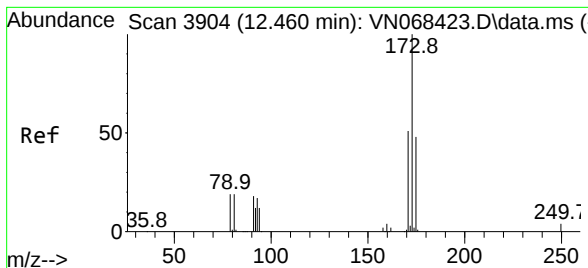
Tgt Ion:106 Resp: 3208
Ion Ratio Lower Upper
106 100
91 198.9 149.5 224.3



#70
Styrene
Concen: 1.931 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.000 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:104 Resp: 3093
Ion Ratio Lower Upper
104 100
78 42.6 36.2 54.2
103 56.6 44.4 66.6





#71

Bromoform

Concen: 2.621 ug/l

RT: 12.463 min Scan# 3905

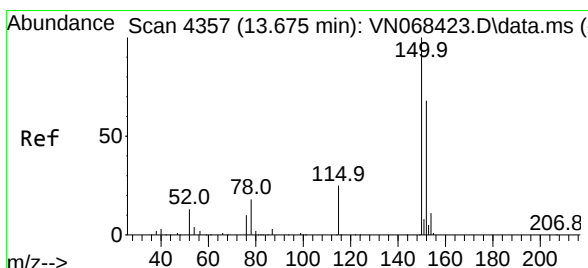
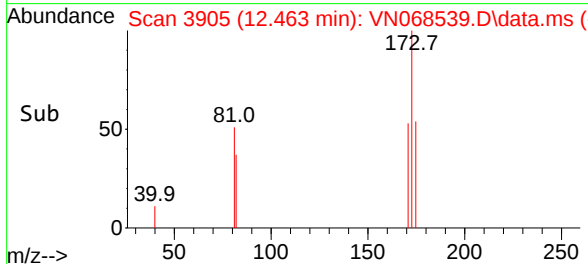
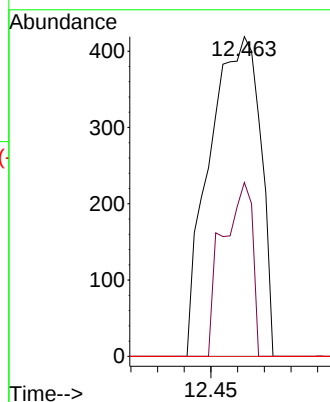
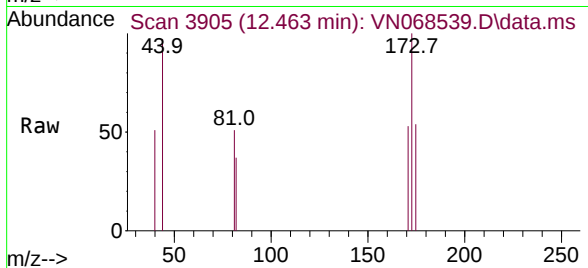
Delta R.T. 0.003 min

Lab File: VN068539.D

Acq: 18 Sep 2021 00:34

Tgt Ion:	173	Resp:	553
Ion Ratio	Lower	Upper	
173	100		
175	0.0	24.1	72.3#
254	0.0	0.0	0.0

Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

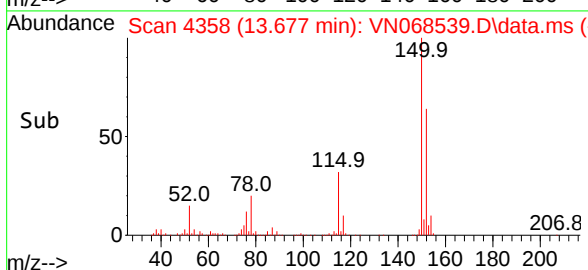
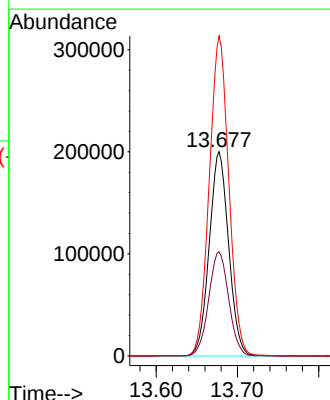
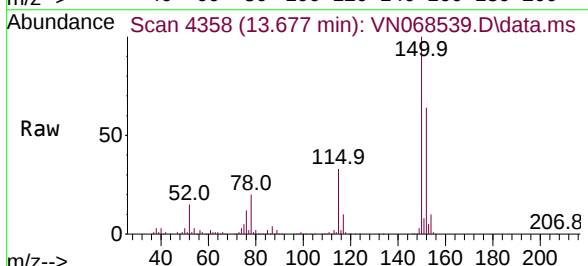
RT: 13.677 min Scan# 4358

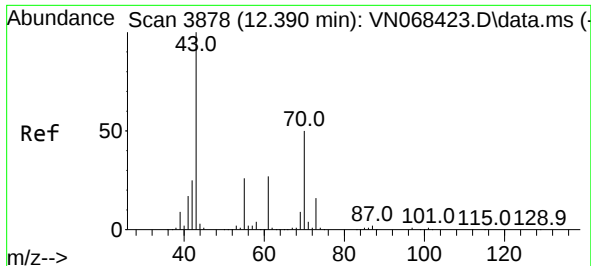
Delta R.T. 0.002 min

Lab File: VN068539.D

Acq: 18 Sep 2021 00:34

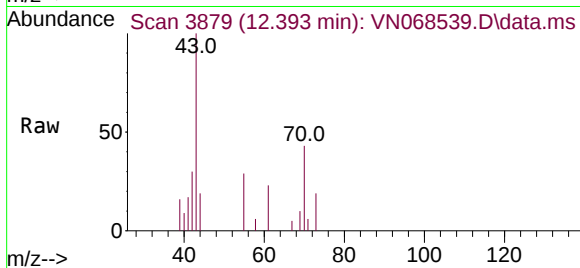
Tgt Ion:	152	Resp:	331310
Ion Ratio	Lower	Upper	
152	100		
115	52.3	25.6	76.6
150	157.3	0.0	346.8



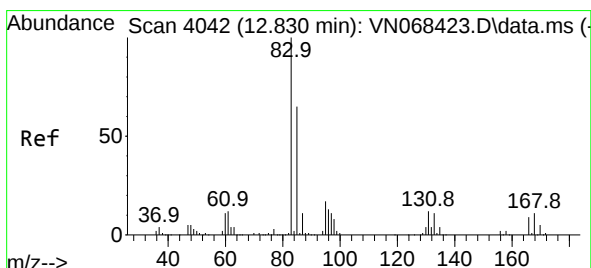
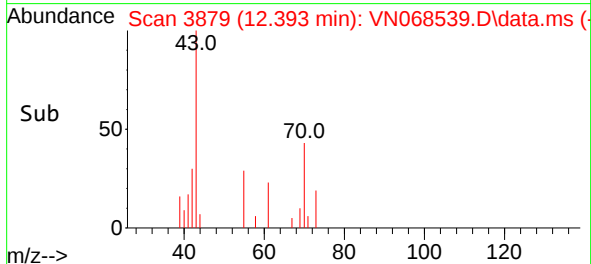
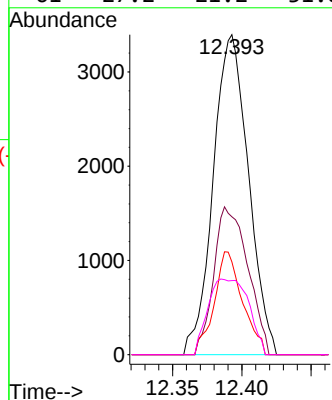


#74
N-amy1 acetate
Concen: 1.143 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Instrument :
MSVOA_N
ClientSampleId :
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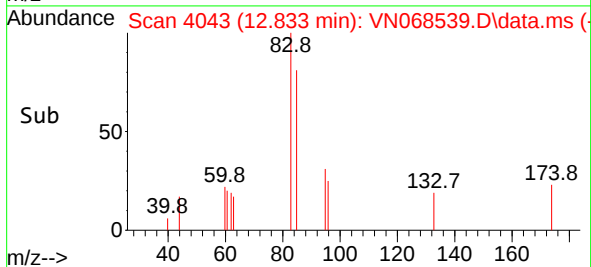
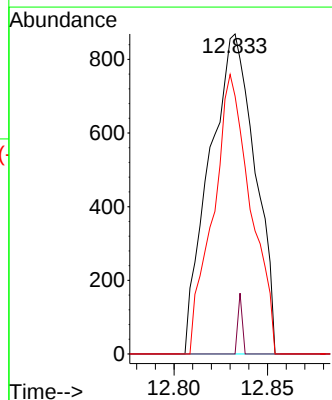
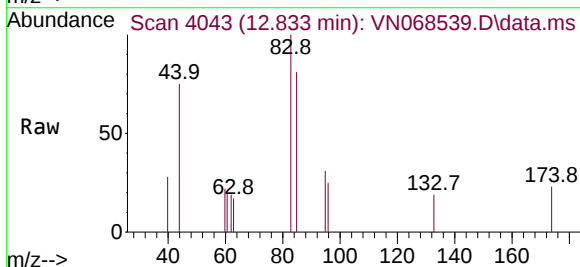


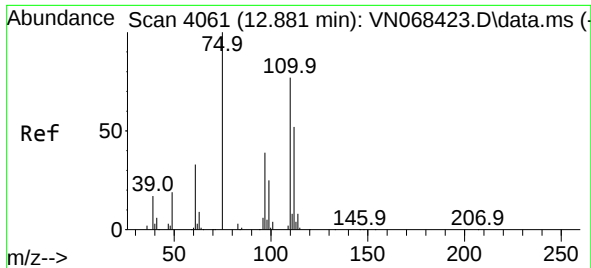
Tgt Ion: 43	Resp: 6009
Ion Ratio	Lower Upper
43 100	
70 44.6	40.0 60.0
55 25.9	21.1 31.7
61 27.2	21.2 31.8



#75
1,1,2,2-Tetrachloroethane
Concen: 0.223 ug/l
RT: 12.833 min Scan# 4043
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 83	Resp: 1475
Ion Ratio	Lower Upper
83 100	
131 1.8	6.3 19.1#
85 71.9	32.5 97.4

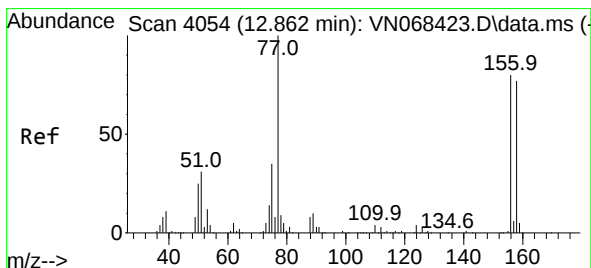
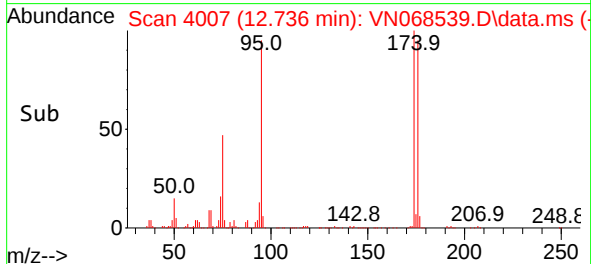
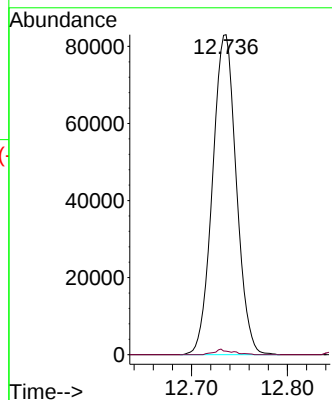
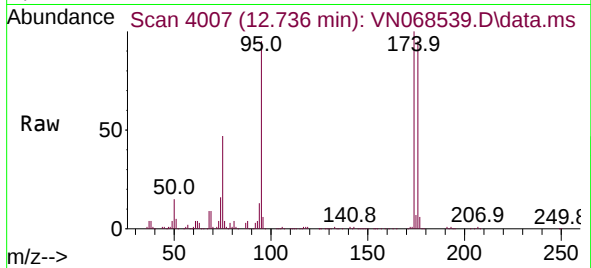




#76
1,2,3-Trichloropropane
Concen: 30.985 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

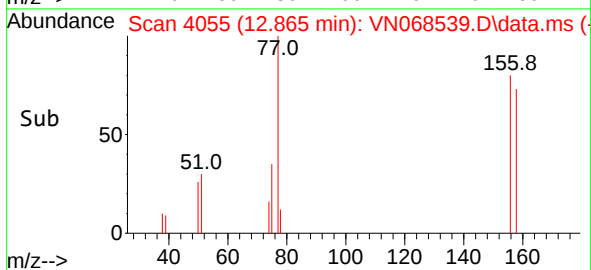
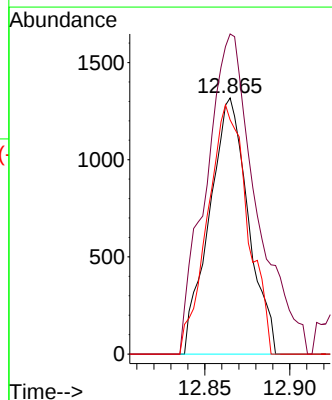
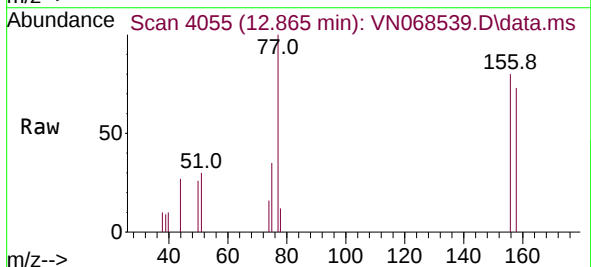
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

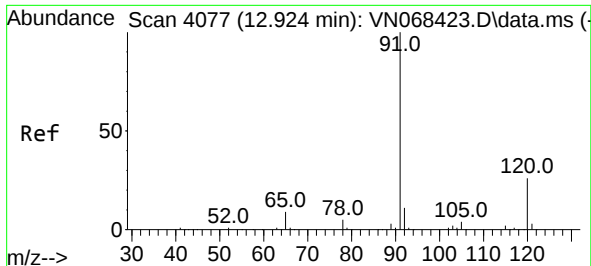
Tgt Ion: 75 Resp: 143071
Ion Ratio Lower Upper
75 100
77 1.3 100.9 302.7#



#77
Bromobenzene
Concen: 0.322 ug/l
RT: 12.865 min Scan# 4055
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:156 Resp: 2098
Ion Ratio Lower Upper
156 100
77 161.7 73.0 219.0
158 99.9 49.0 147.2

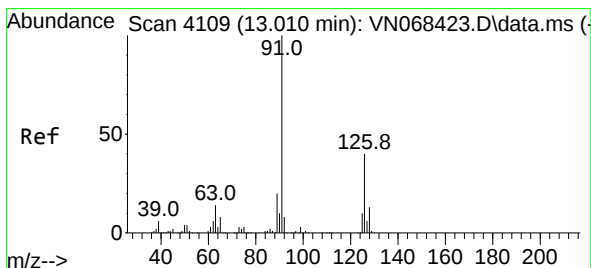
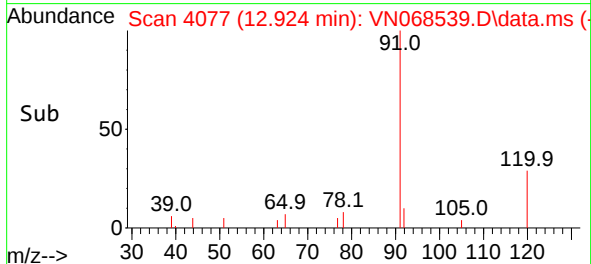
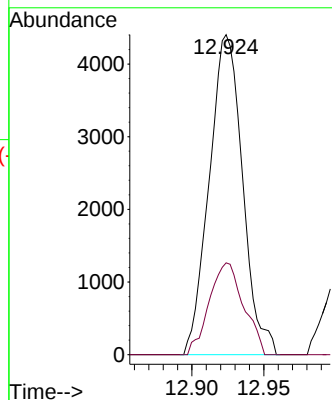
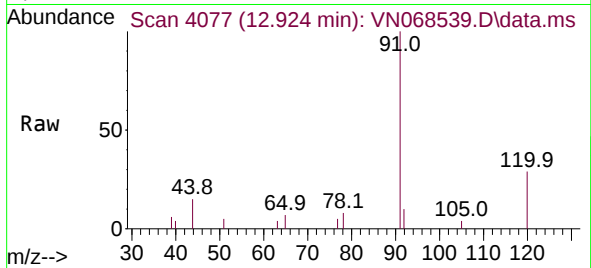




#78
n-propylbenzene
Concen: 0.285 ug/l
RT: 12.924 min Scan# 4077
Delta R.T. -0.000 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

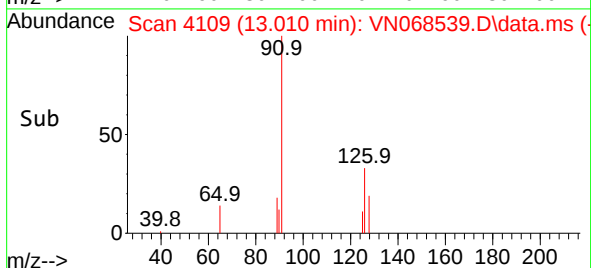
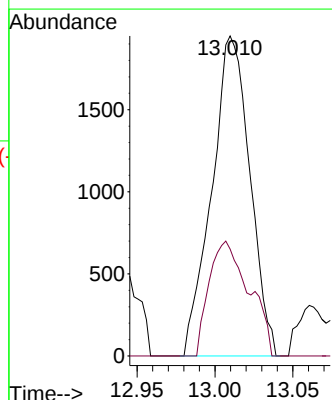
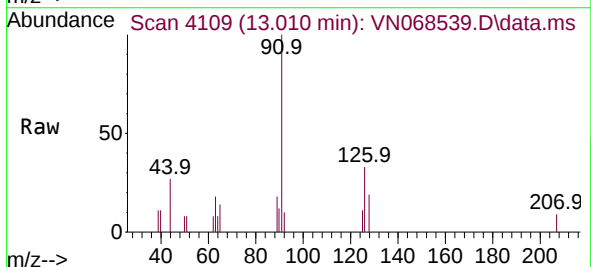
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

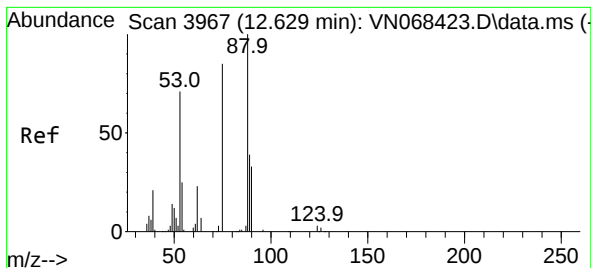
Tgt Ion: 91 Resp: 7099
Ion Ratio Lower Upper
91 100
120 29.6 13.2 39.6



#79
2-Chlorotoluene
Concen: 0.216 ug/l
RT: 13.010 min Scan# 4109
Delta R.T. -0.000 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 91 Resp: 3318
Ion Ratio Lower Upper
91 100
126 37.6 20.1 60.3

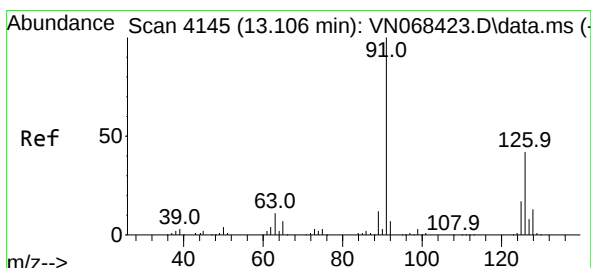
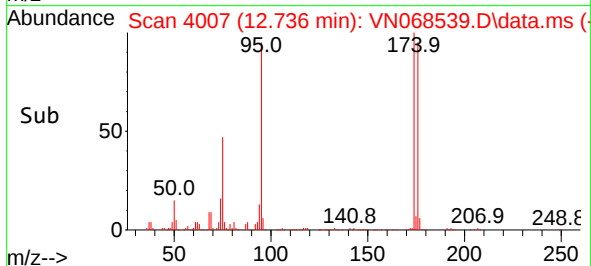
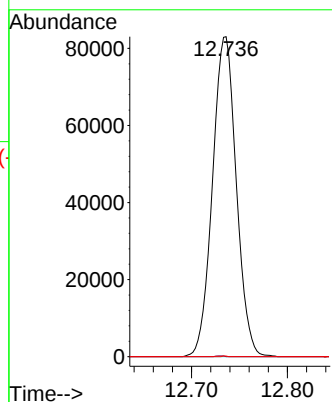
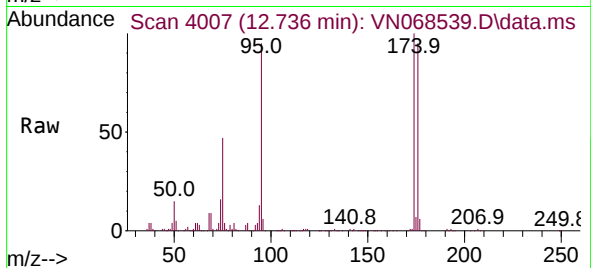




#81
trans-1,4-Dichloro-2-butene
Concen: 95.703 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.107 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

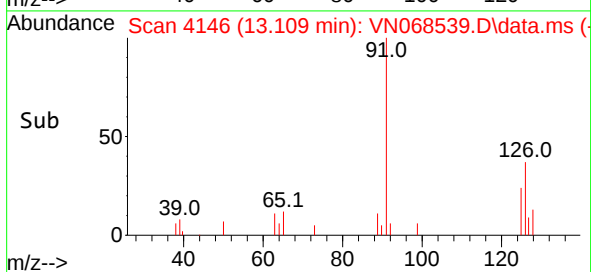
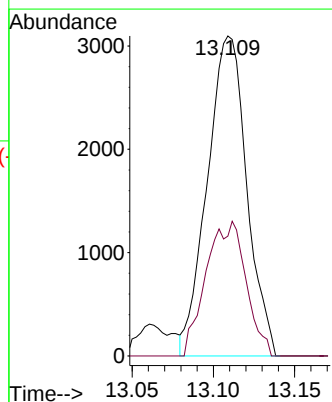
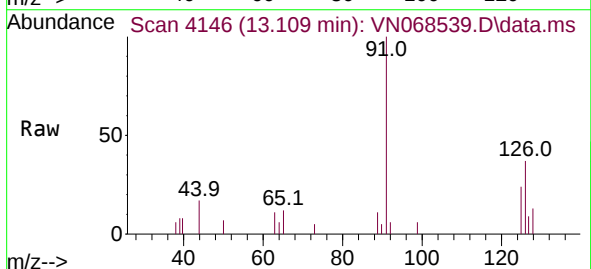
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

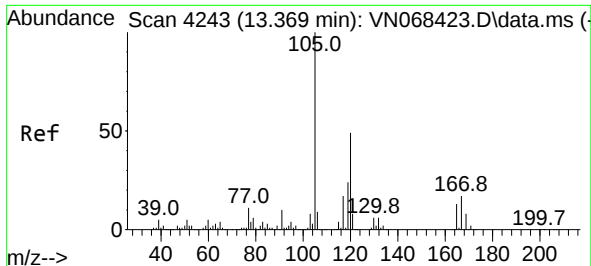
Tgt Ion: 75 Resp: 143071
Ion Ratio Lower Upper
75 100
53 0.1 70.6 105.8#
89 0.0 39.5 59.3#



#82
4-Chlorotoluene
Concen: 0.354 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 91 Resp: 5231
Ion Ratio Lower Upper
91 100
126 21.1 19.8 59.3

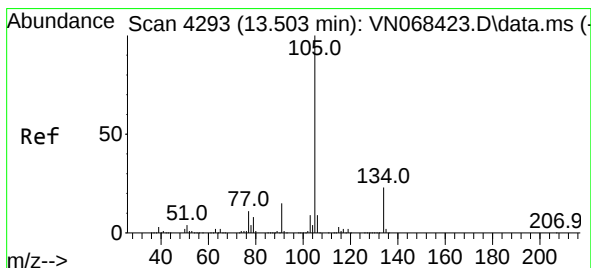
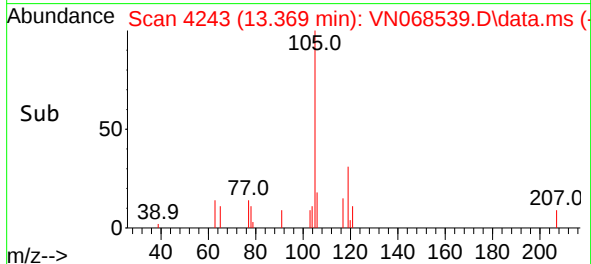
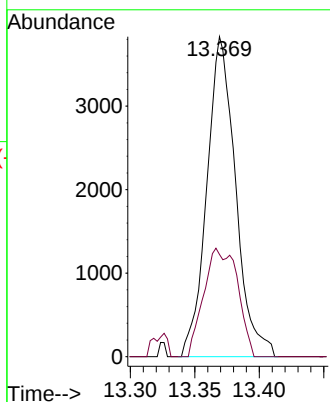
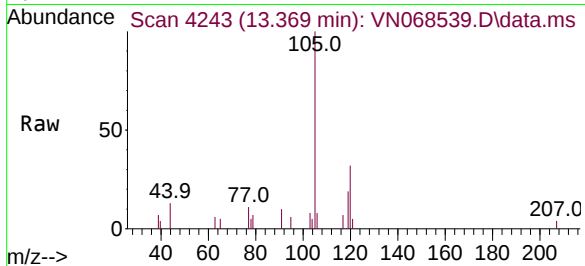




#84
1,2,4-Trimethylbenzene
Concen: 0.324 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

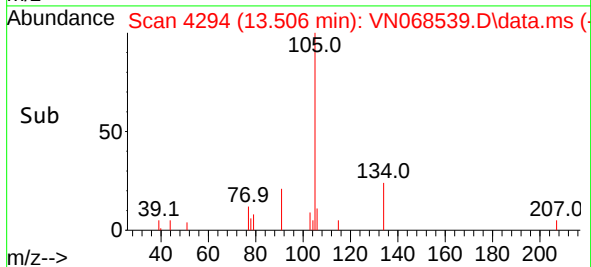
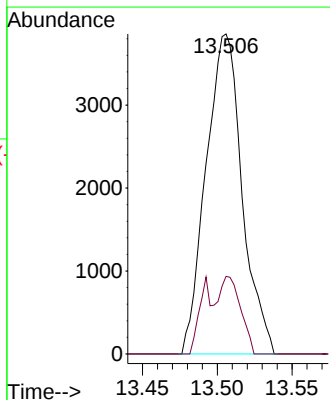
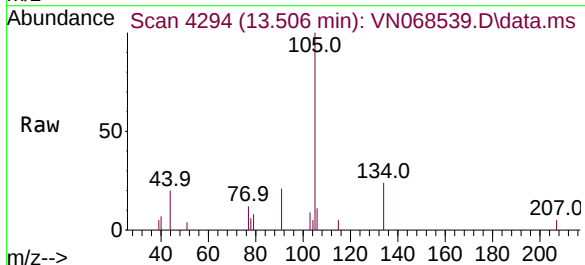
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

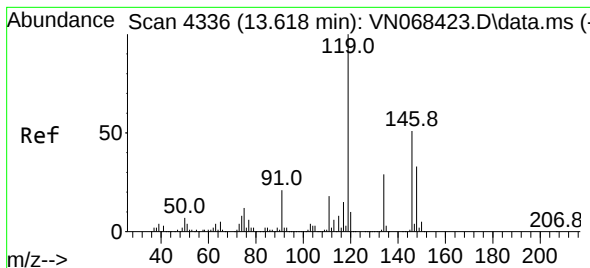
Tgt Ion:105 Resp: 5950
Ion Ratio Lower Upper
105 100
120 39.7 24.3 72.9



#85
sec-Butylbenzene
Concen: 0.281 ug/l
RT: 13.506 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:105 Resp: 6478
Ion Ratio Lower Upper
105 100
134 14.5 11.4 34.1

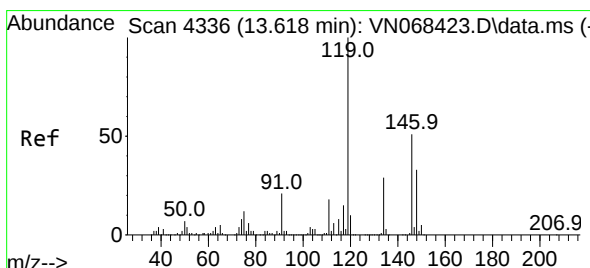
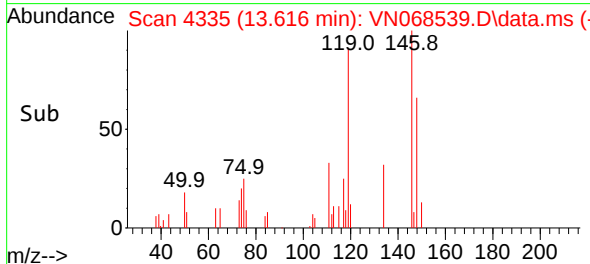
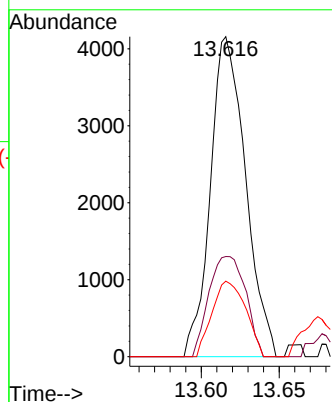
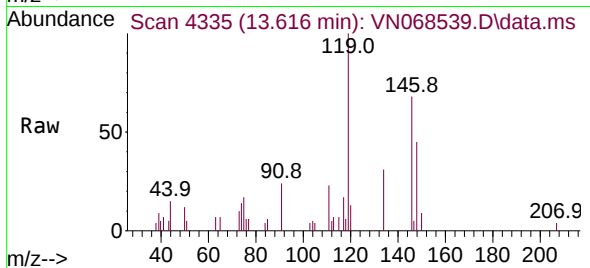




#86
p-Isopropyltoluene
Concen: 0.335 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. -0.002 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

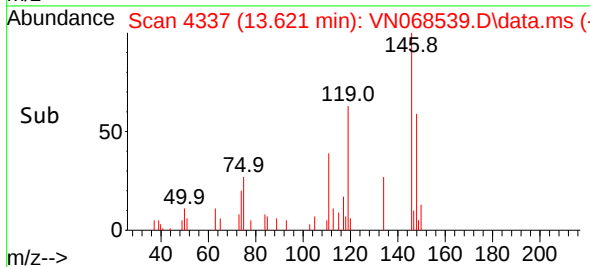
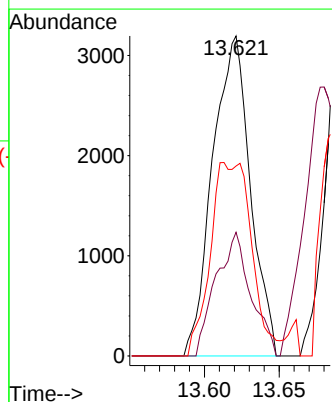
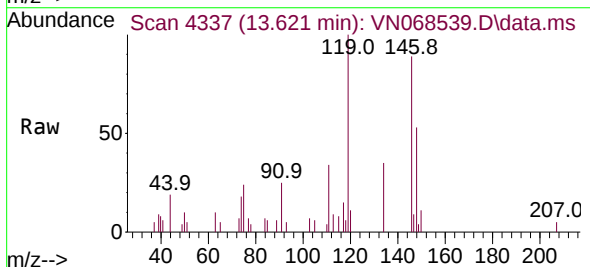
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

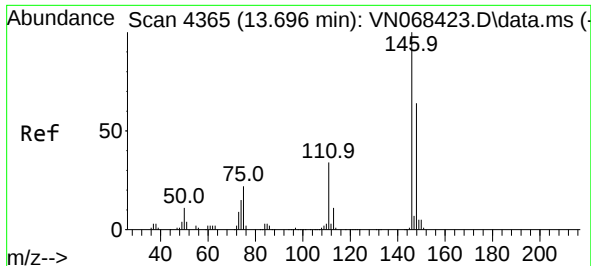
Tgt Ion:119 Resp: 6523
Ion Ratio Lower Upper
119 100
134 32.8 14.1 42.4
91 22.6 10.6 31.8



#87
1,3-Dichlorobenzene
Concen: 0.495 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:146 Resp: 5602
Ion Ratio Lower Upper
146 100
111 35.8 17.6 52.8
148 36.3 32.1 96.3

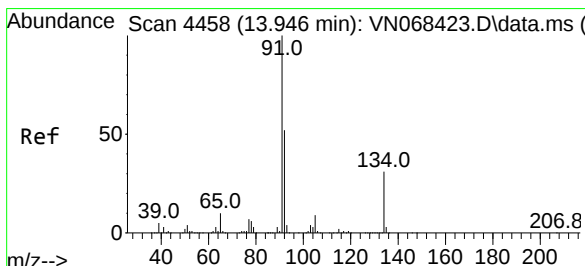
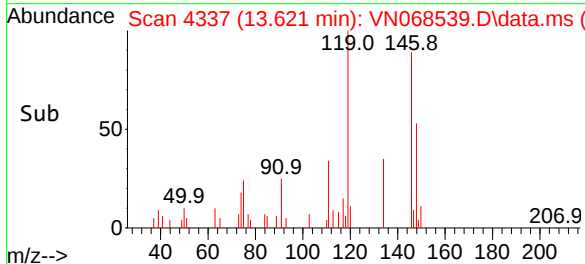
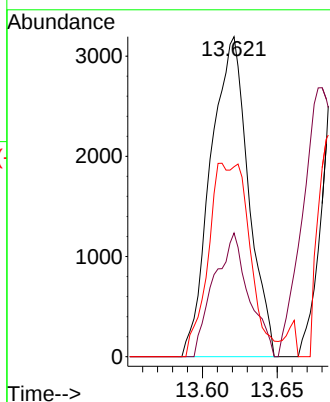
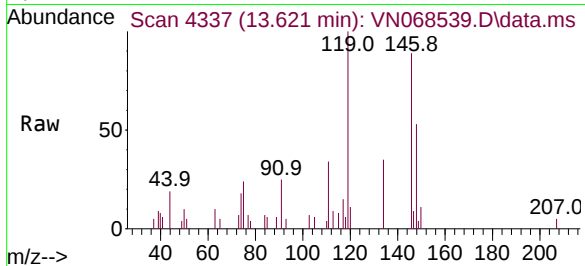




#88
1,4-Dichlorobenzene
Concen: 0.503 ug/l
RT: 13.621 min Scan# 4337
Delta R.T. -0.075 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

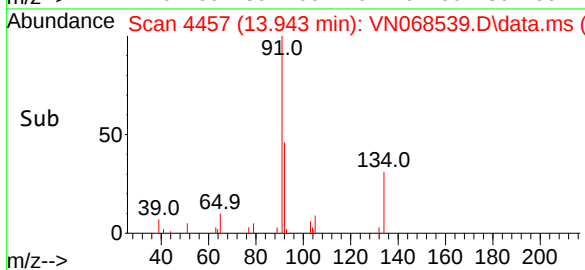
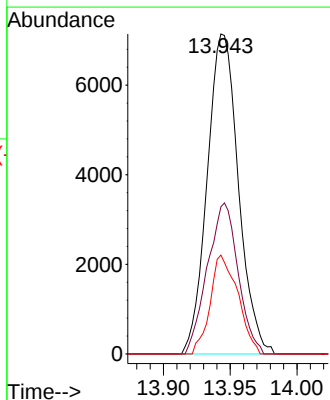
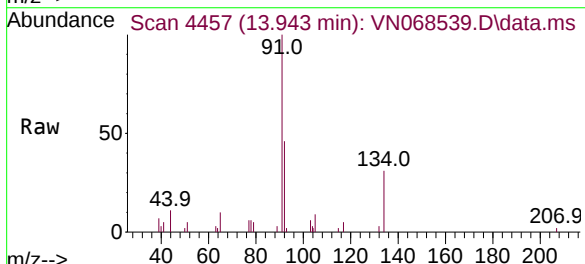
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

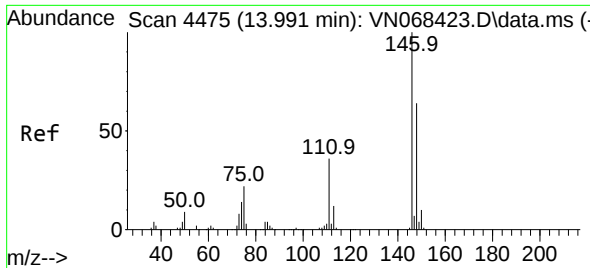
Tgt Ion:146 Resp: 5602
Ion Ratio Lower Upper
146 100
111 35.8 17.2 51.6
148 36.3 31.9 95.7



#89
n-Butylbenzene
Concen: 0.820 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion: 91 Resp: 11623
Ion Ratio Lower Upper
91 100
92 46.4 26.0 78.0
134 27.3 15.4 46.2

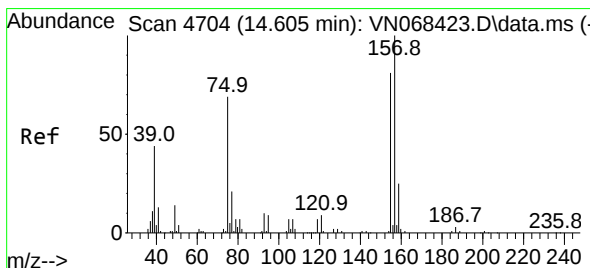
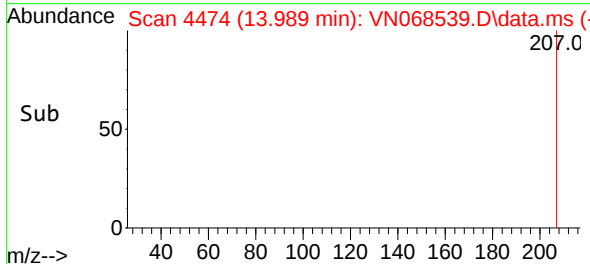
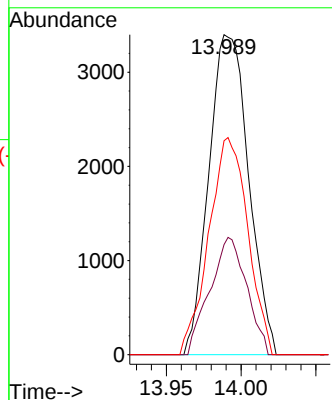
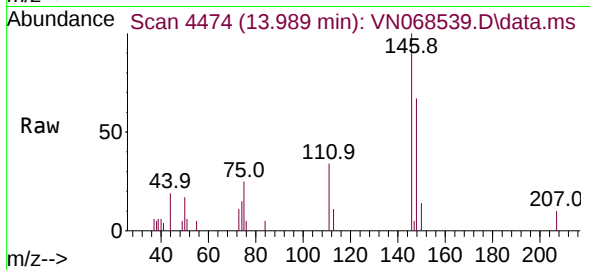




#91
1,2-Dichlorobenzene
Concen: 0.577 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

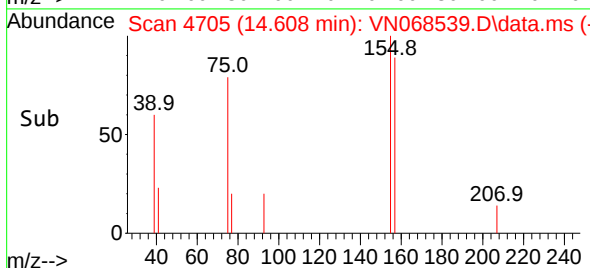
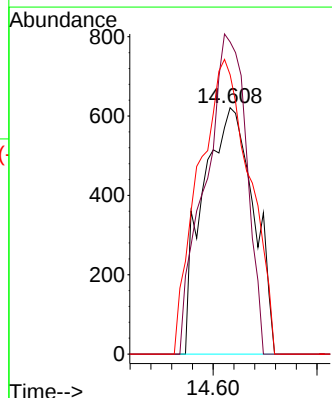
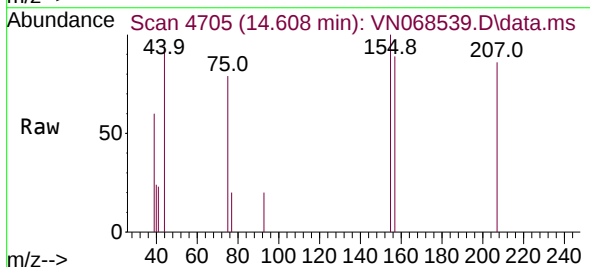
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

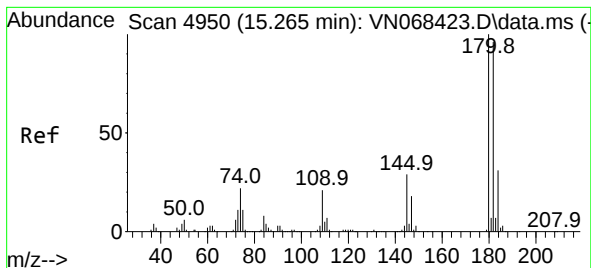
Tgt Ion:	146	Resp:	6295
Ion	Ratio	Lower	Upper
146	100		
111	33.9	18.1	54.3
148	66.4	32.1	96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.003 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:	75	Resp:	1052
Ion	Ratio	Lower	Upper
75	100		
155	106.0	56.9	170.7
157	120.5	73.0	219.2

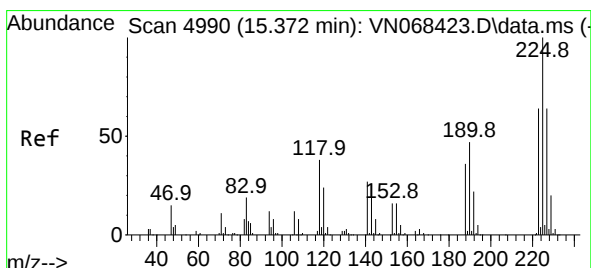
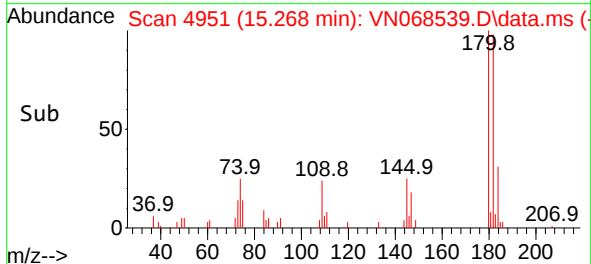
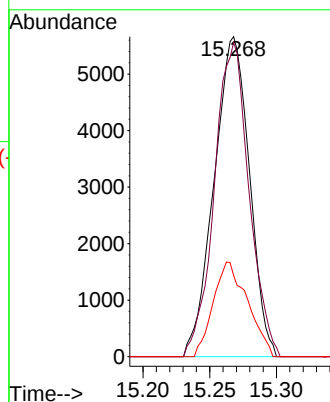
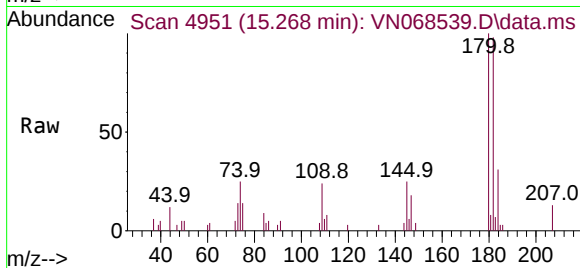




#93
1,2,4-Trichlorobenzene
Concen: 4.543 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

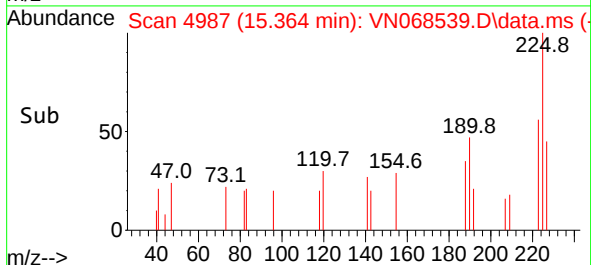
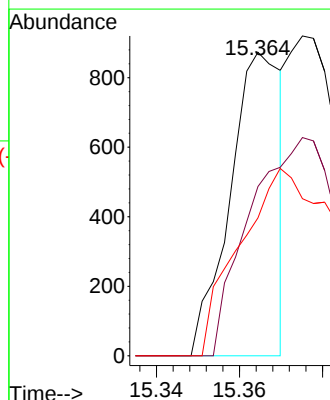
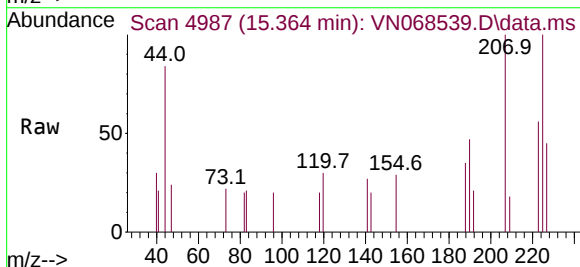
Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

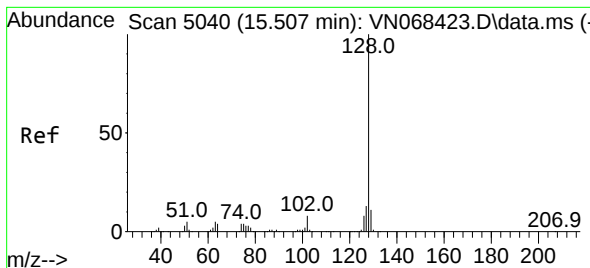
Tgt Ion:180 Resp: 10426
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.6
145 28.8 14.1 42.4



#94
Hexachlorobutadiene
Concen: 0.232 ug/l
RT: 15.364 min Scan# 4987
Delta R.T. -0.008 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:225 Resp: 746
Ion Ratio Lower Upper
225 100
223 127.3 32.0 96.2#
227 118.2 31.9 95.5#

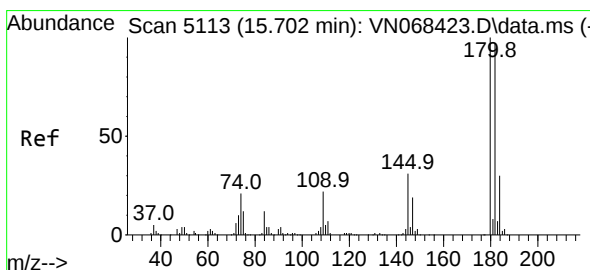
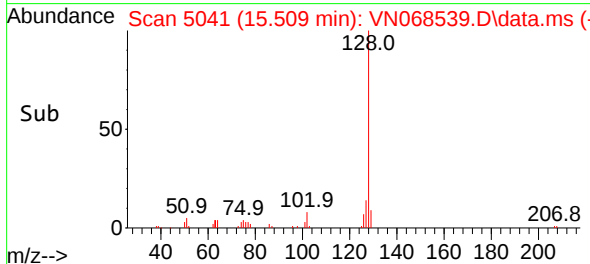
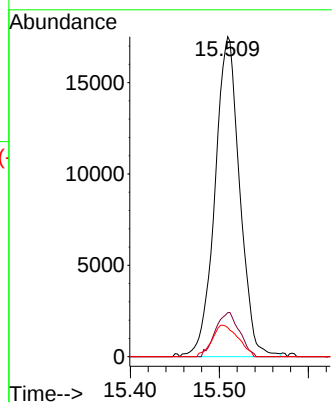
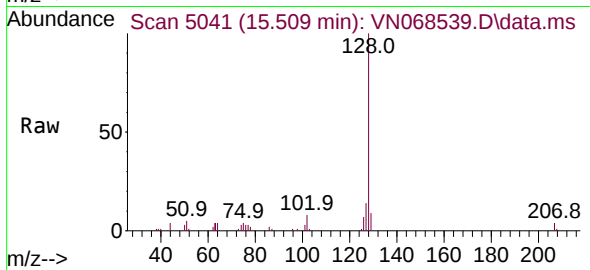




#95
Naphthalene
Concen: 5.895 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Instrument :
MSVOA_N
ClientSampleId :
NAPL-AREA-04-(5-7)ME

Tgt Ion:128 Resp: 33830
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 10.3 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.747 ug/l
RT: 15.705 min Scan# 5114
Delta R.T. 0.003 min
Lab File: VN068539.D
Acq: 18 Sep 2021 00:34

Tgt Ion:180 Resp: 11012
Ion Ratio Lower Upper
180 100
182 97.6 47.9 143.6
145 16.5 15.2 45.5

