

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091721\
 Data File : VN068553.D
 Acq On : 18 Sep 2021 6:28
 Operator : JC/MD
 Sample : M3798-06
 Misc : 6.72g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SUB-SLAB-01-(15-17)

Quant Time: Sep 20 06:03:08 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)

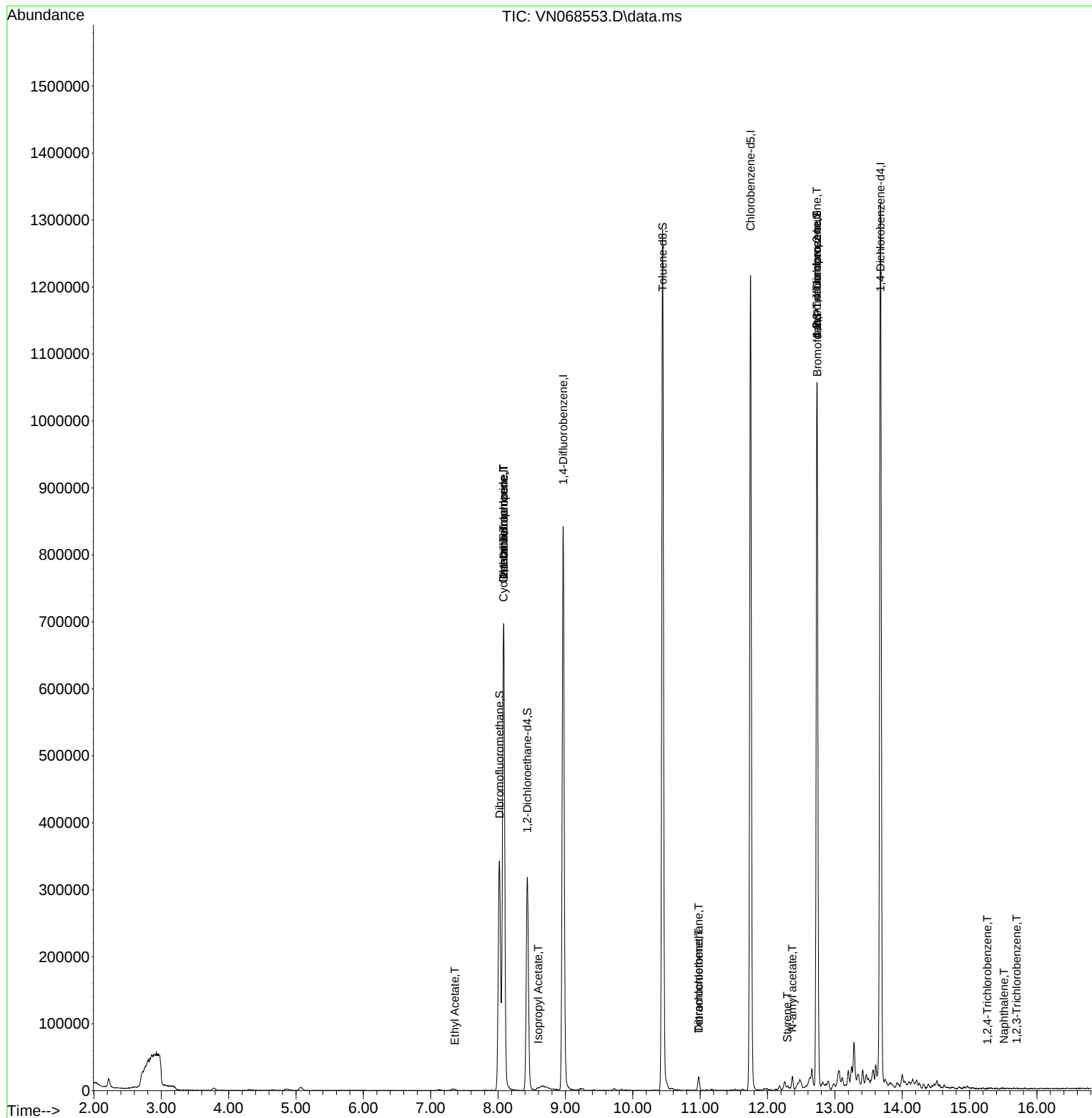
Internal Standards						
1) Pentafluorobenzene	8.083	168	646272	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	851651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	800085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	402200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	264053	44.541	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.080%		
35) Dibromofluoromethane	8.021	113	248903	48.457	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.920%		
50) Toluene-d8	10.443	98	973099	46.463	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.920%		
62) 4-Bromofluorobenzene	12.733	95	345894	49.826	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.660%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.287	50	473	Below Cal	#	42
5) Bromomethane	2.842	94	381	Below Cal	#	63
16) Acetone	4.304	43	2008	Below Cal		93
18) Methyl Acetate	4.851	43	1912	Below Cal	#	55
20) Methylene Chloride	5.068	84	2687	Below Cal	#	80
31) Cyclohexane	8.078	56	8499	0.946	ug/l #	18
36) 1,1-Dichloropropene	8.083	75	33499	4.718	ug/l #	40
37) Ethyl Acetate	7.356	43	2317	0.429	ug/l #	66
38) Carbon Tetrachloride	8.080	117	52684	6.194	ug/l #	16
43) Isopropyl Acetate	8.598	43	2360	0.248	ug/l #	51
60) Dibromochloromethane	10.979	129	4656	2.395	ug/l #	11
64) Tetrachloroethene	10.979	164	4989	0.704	ug/l #	81
70) Styrene	12.294	104	135	1.761	ug/l #	66
71) Bromoform	12.739	173	4241	3.187	ug/l #	1
74) N-amyl acetate	12.369	43	3367	0.528	ug/l #	65
76) 1,2,3-Trichloropropane	12.733	75	169677	30.244	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.733	75	169677	93.495	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.263	180	126	2.975	ug/l #	1
95) Naphthalene	15.509	128	1320	3.574	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.700	180	53	2.981	ug/l #	18

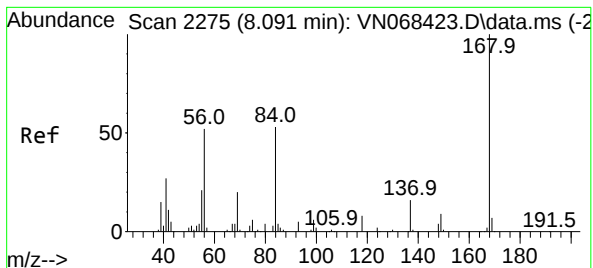
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.083 min Scan# 2272

Delta R.T. -0.008 min

Lab File: VN068553.D

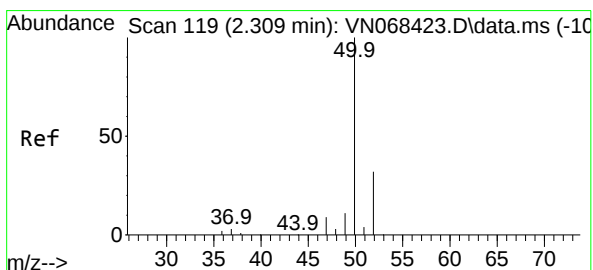
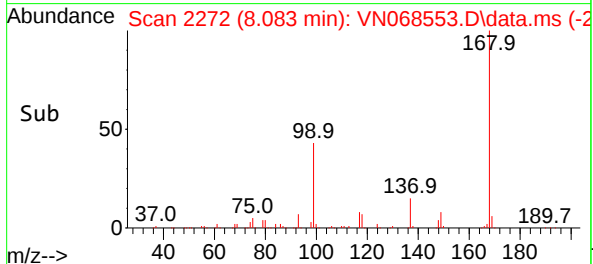
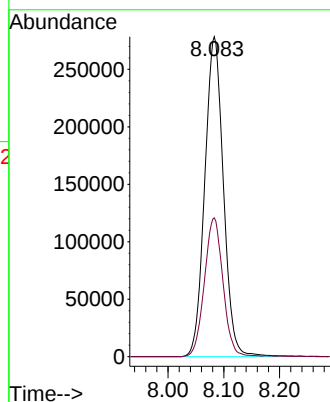
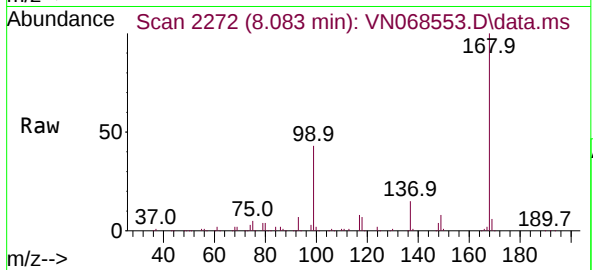
Acq: 18 Sep 2021 6:28

Tgt Ion:168 Resp: 646272

Ion Ratio Lower Upper

168 100

99 43.4 38.2 57.4



#3

Chloromethane

Concen: Below Cal

RT: 2.287 min Scan# 111

Delta R.T. -0.022 min

Lab File: VN068553.D

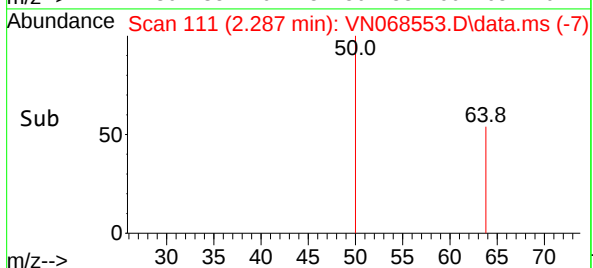
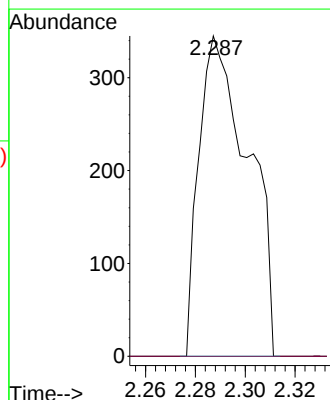
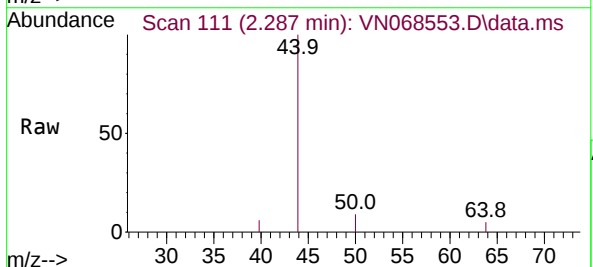
Acq: 18 Sep 2021 6:28

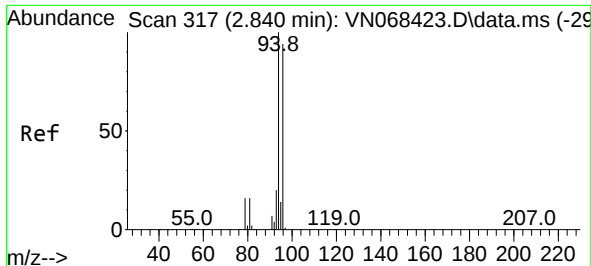
Tgt Ion: 50 Resp: 473

Ion Ratio Lower Upper

50 100

52 0.0 25.8 38.6#

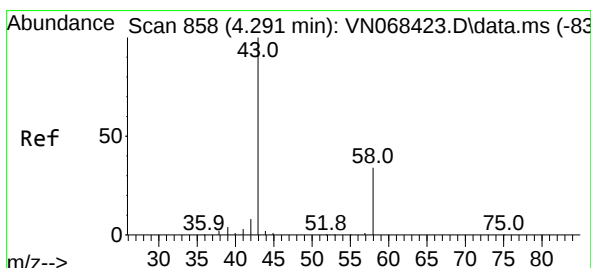
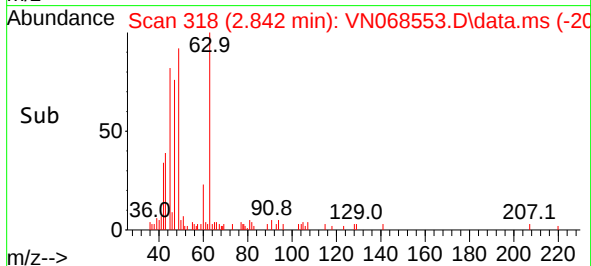
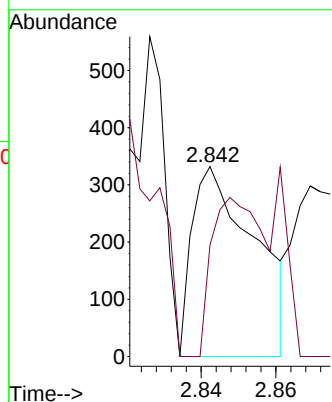
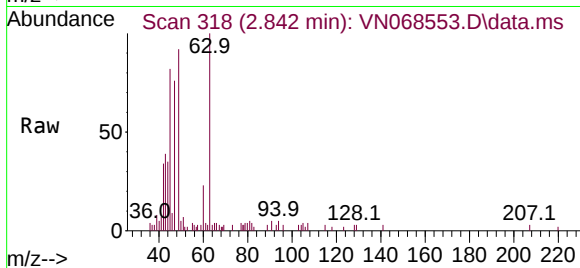




#5
Bromomethane
Concen: Below Cal
RT: 2.842 min Scan# 318
Delta R.T. 0.002 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

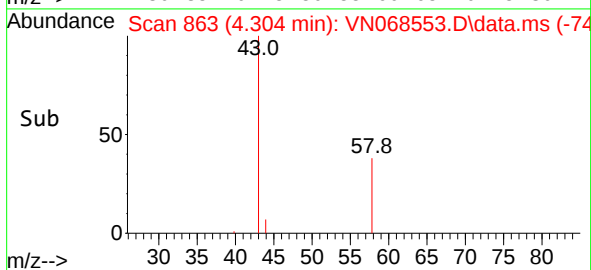
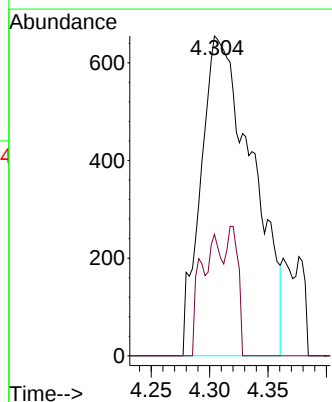
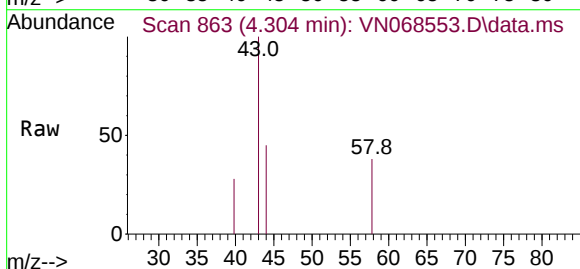
Instrument :
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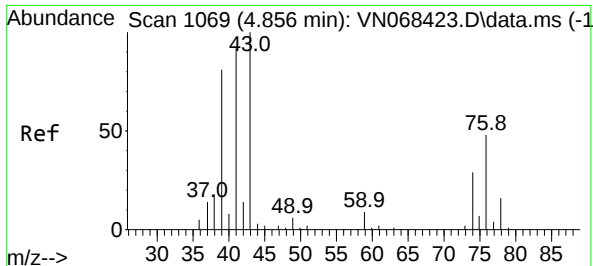
Tgt Ion: 94 Resp: 381
Ion Ratio Lower Upper
94 100
96 58.7 75.4 113.0#



#16
Acetone
Concen: Below Cal
RT: 4.304 min Scan# 863
Delta R.T. 0.013 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion: 43 Resp: 2008
Ion Ratio Lower Upper
43 100
58 38.0 27.0 40.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.851 min Scan# 1067

Delta R.T. -0.005 min

Lab File: VN068553.D

Acq: 18 Sep 2021 6:28

Instrument :

MSVOA_N

ClientSampleId :

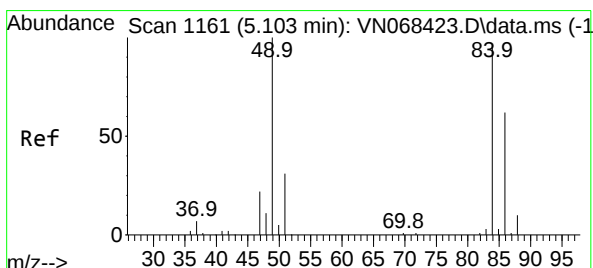
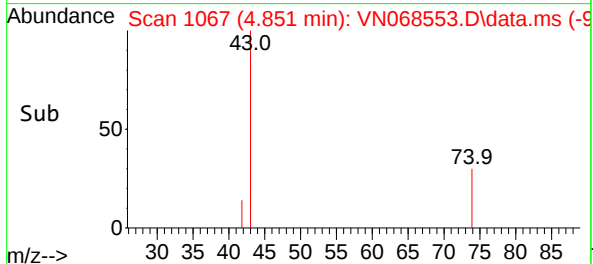
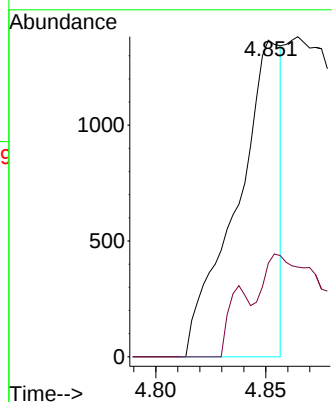
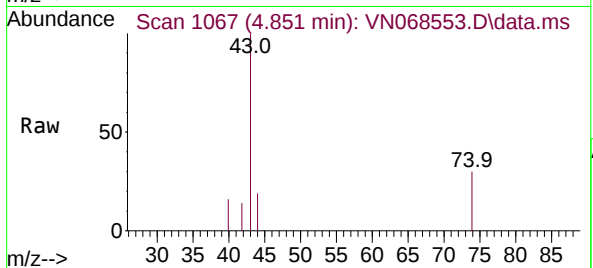
SUB-SLAB-01-(15-17)

Tgt Ion: 43 Resp: 1912

Ion Ratio Lower Upper

43 100

74 53.7 23.5 35.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.068 min Scan# 1148

Delta R.T. -0.035 min

Lab File: VN068553.D

Acq: 18 Sep 2021 6:28

Tgt Ion: 84 Resp: 2687

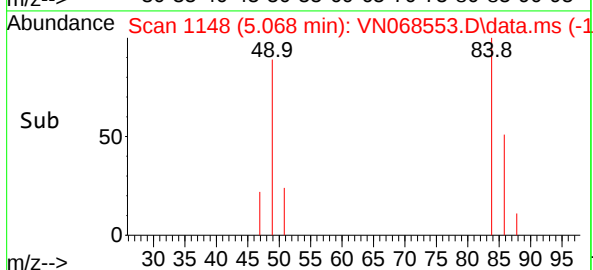
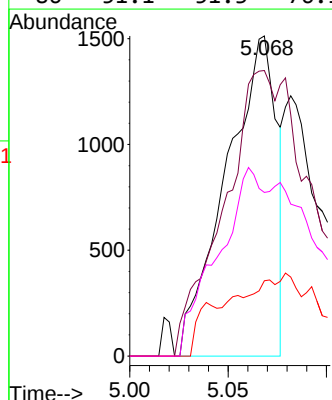
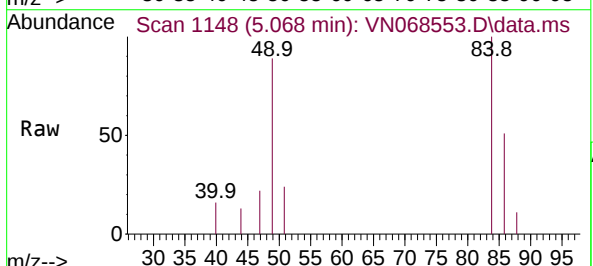
Ion Ratio Lower Upper

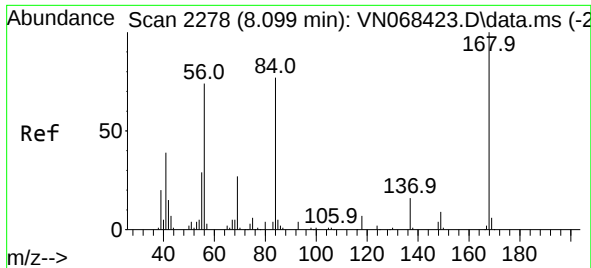
84 100

49 79.0 83.0 124.6#

51 23.5 25.4 38.0#

86 51.1 51.3 76.9#

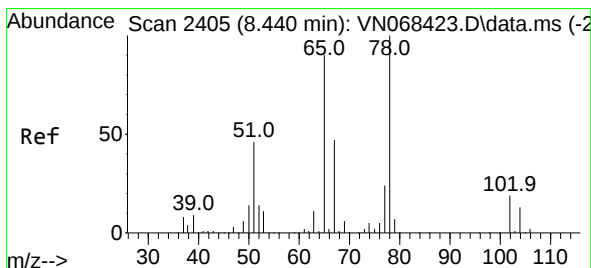
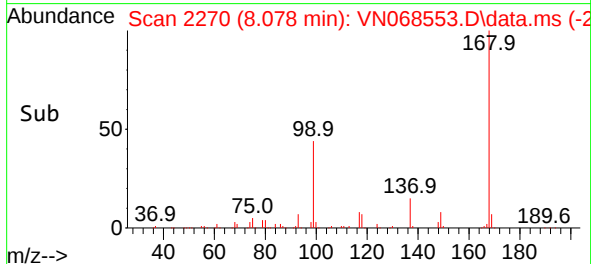
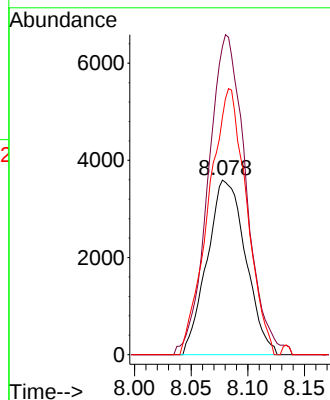
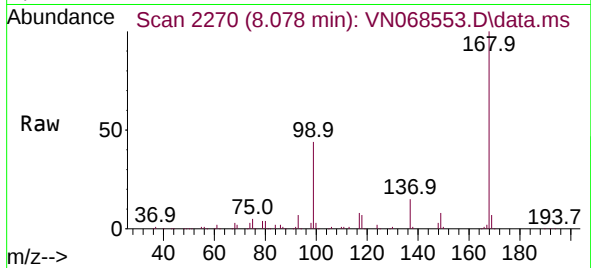




#31
Cyclohexane
Concen: 0.946 ug/l
RT: 8.078 min Scan# 2270
Delta R.T. -0.021 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

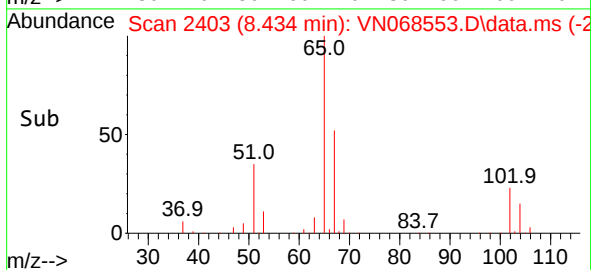
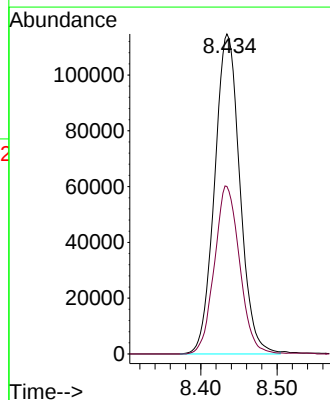
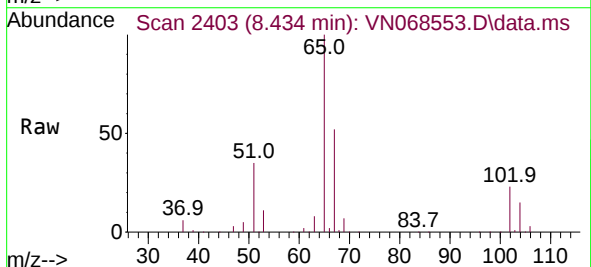
Instrument :
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SUB-SLAB-01-(15-17)

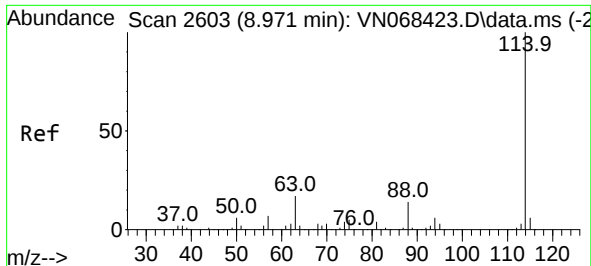
Tgt Ion: 56 Resp: 8499
Ion Ratio Lower Upper
56 100
69 171.6 29.4 44.0#
84 136.0 83.6 125.4#



#33
1,2-Dichloroethane-d4
Concen: 44.541 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.006 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion: 65 Resp: 264053
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

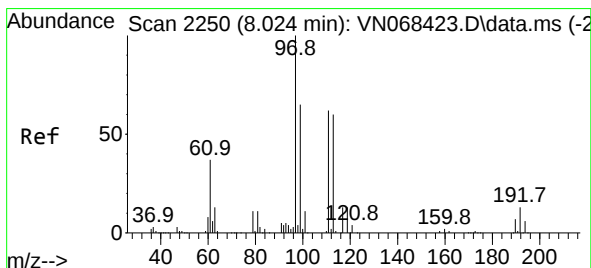
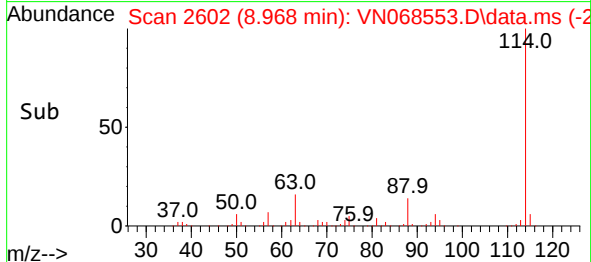
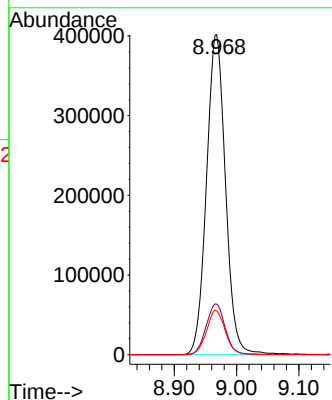
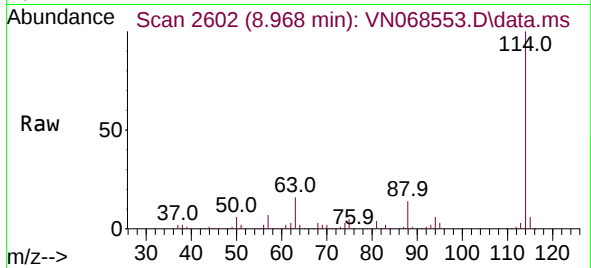




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

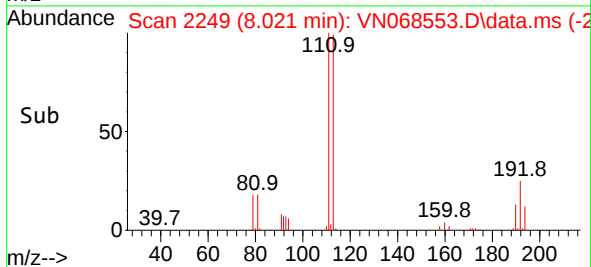
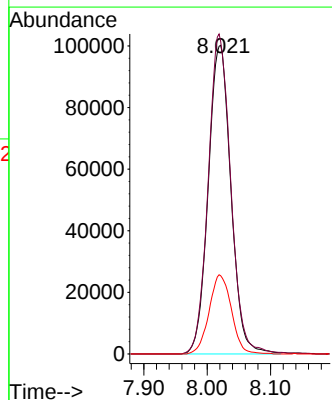
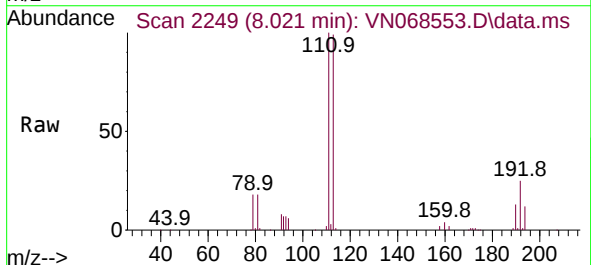
Instrument :
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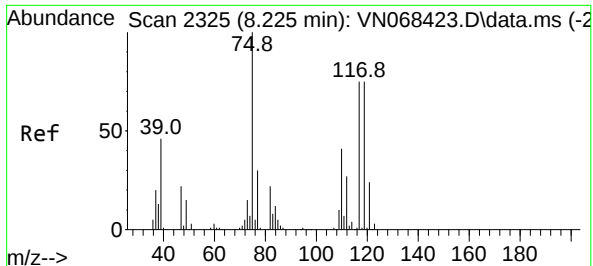
Tgt Ion:114 Resp: 851651
Ion Ratio Lower Upper
114 100
63 15.8 0.0 33.2
88 13.7 0.0 28.4



#35
Dibromofluoromethane
Concen: 48.457 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:113 Resp: 248903
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 25.2 17.7 26.5



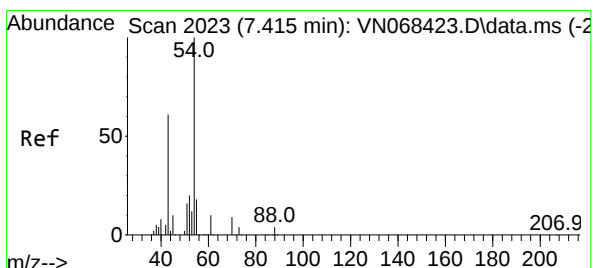
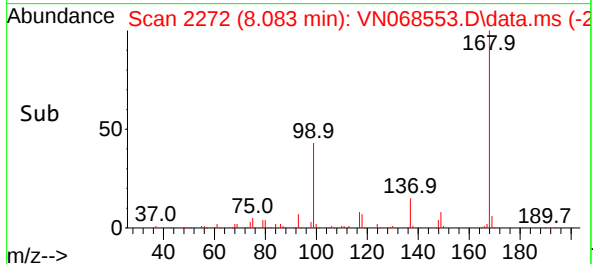
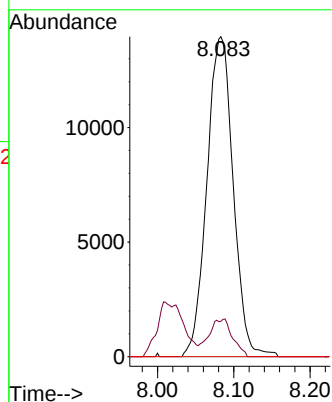
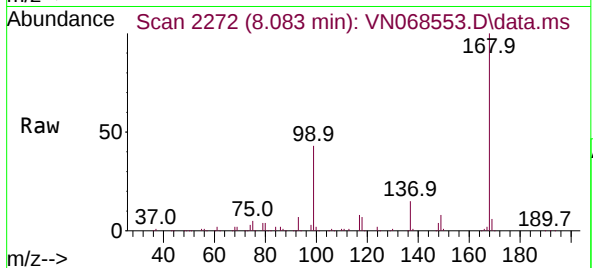


#36

1,1-Dichloropropene
Concen: 4.718 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.142 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Instrument :
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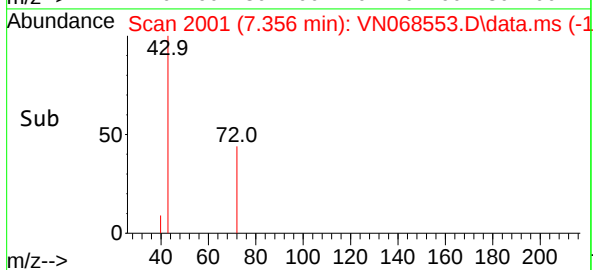
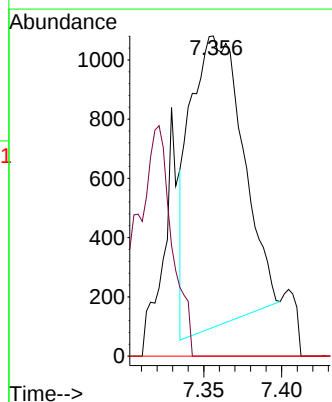
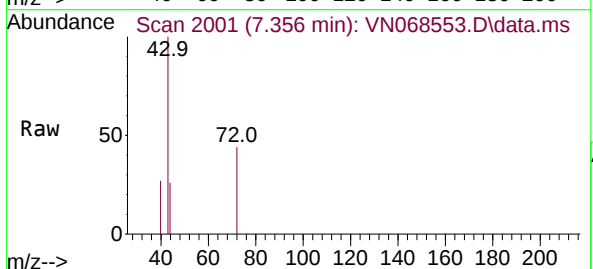
Tgt Ion: 75 Resp: 33499
Ion Ratio Lower Upper
75 100
110 2.7 20.8 62.5#
77 0.0 25.0 37.6#

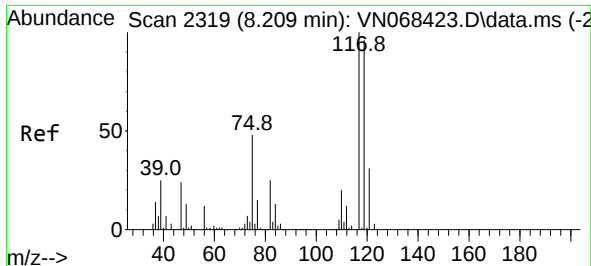


#37

Ethyl Acetate
Concen: 0.429 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. -0.059 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion: 43 Resp: 2317
Ion Ratio Lower Upper
43 100
61 0.0 12.4 18.6#
70 0.0 9.6 14.4#

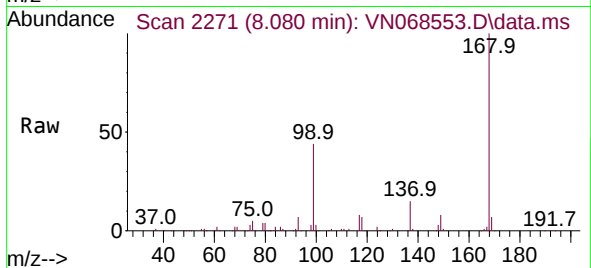




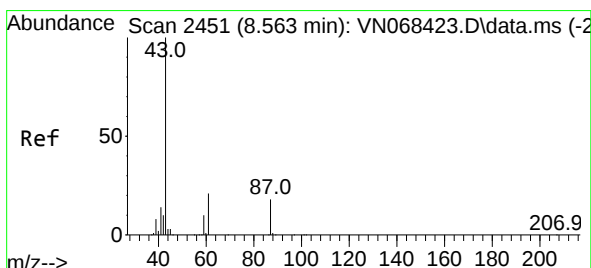
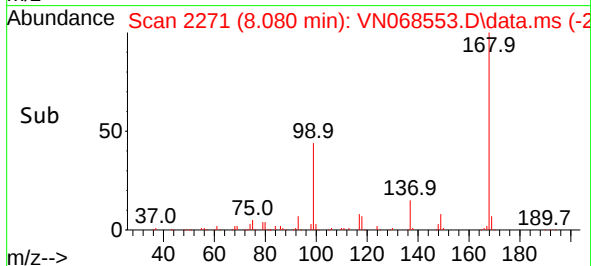
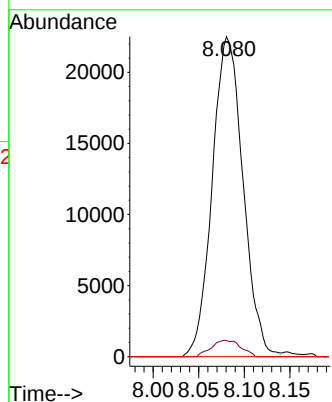
#38

Carbon Tetrachloride
Concen: 6.194 ug/l
RT: 8.080 min Scan# 2271
Delta R.T. -0.129 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Instrument :
MSVOA_N
ClientSampleId :
SUB-SLAB-01-(15-17)



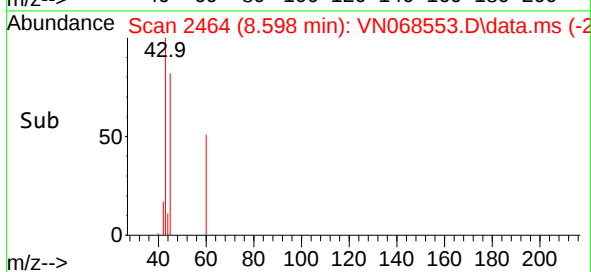
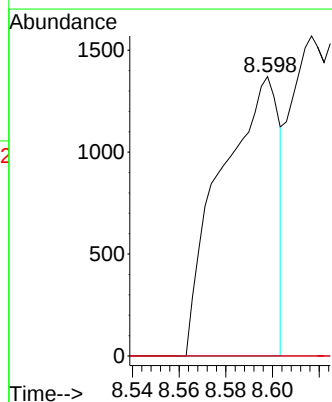
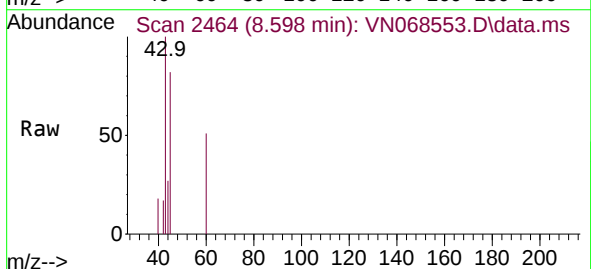
Tgt Ion: 117 Resp: 52684
Ion Ratio Lower Upper
117 100
119 5.1 76.6 114.8#
121 0.0 24.5 36.7#

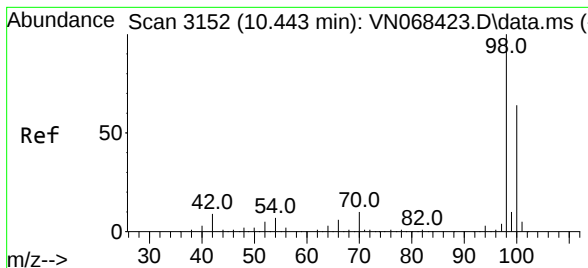


#43

Isopropyl Acetate
Concen: 0.248 ug/l
RT: 8.598 min Scan# 2464
Delta R.T. 0.035 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion: 43 Resp: 2360
Ion Ratio Lower Upper
43 100
61 0.0 23.3 34.9#
87 0.0 13.8 20.6#

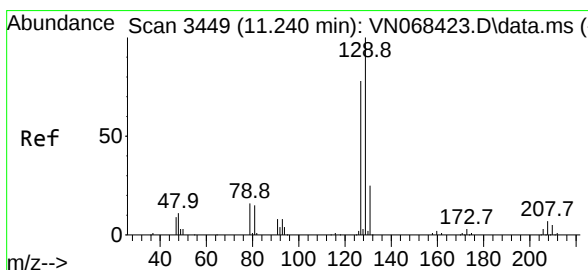
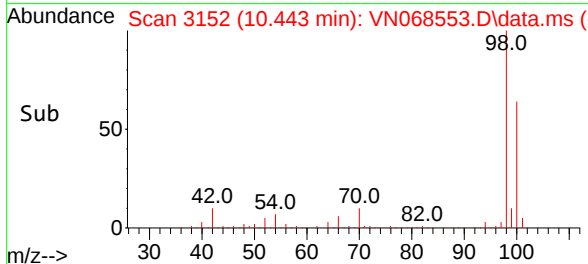
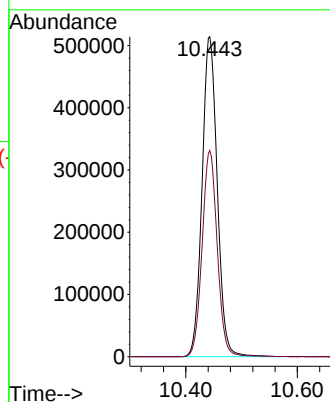
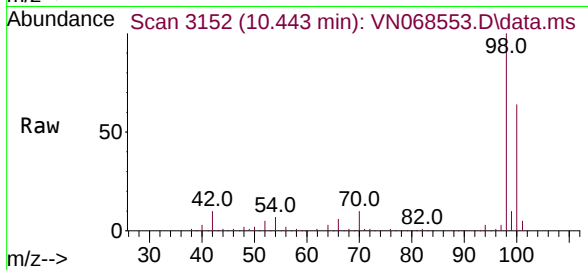




#50
Toluene-d8
Concen: 46.463 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

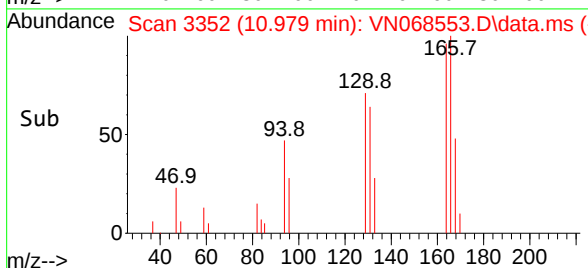
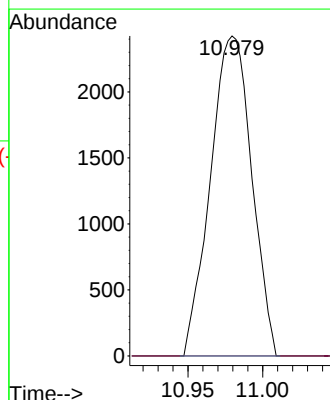
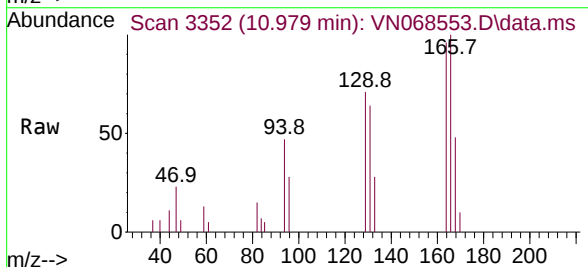
Instrument :
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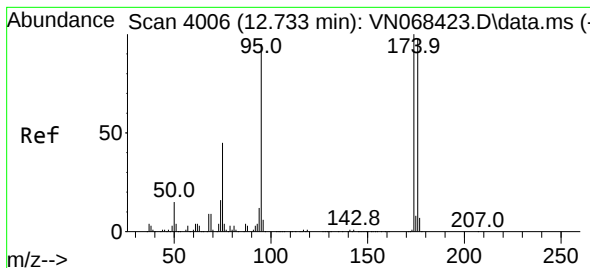
Tgt Ion: 98 Resp: 973099
Ion Ratio Lower Upper
98 100
100 64.2 51.0 76.6



#60
Dibromochloromethane
Concen: 2.395 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.261 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:129 Resp: 4656
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

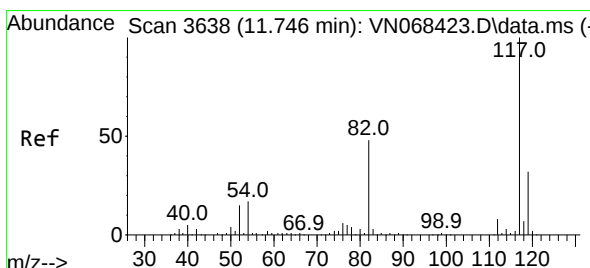
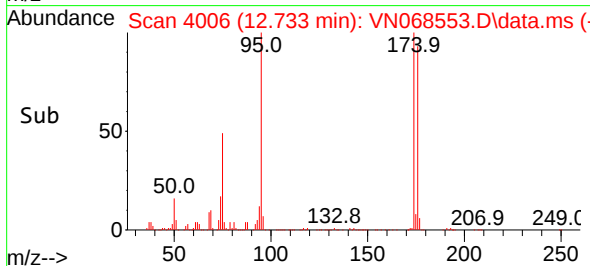
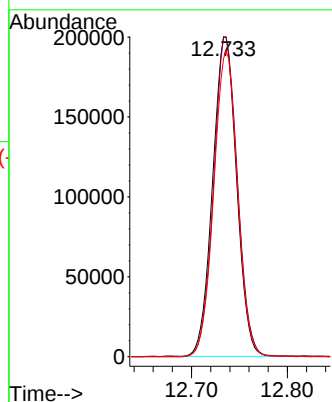
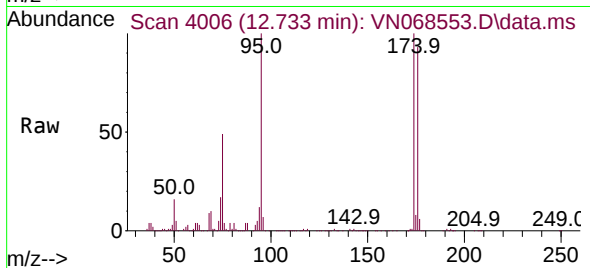




#62
4-Bromofluorobenzene
Concen: 49.826 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

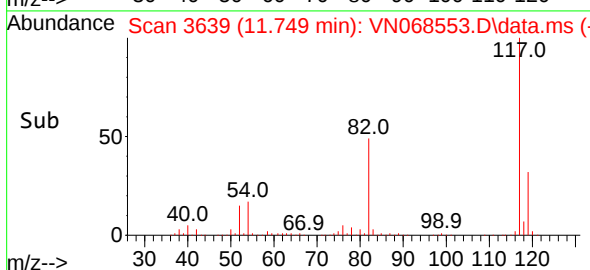
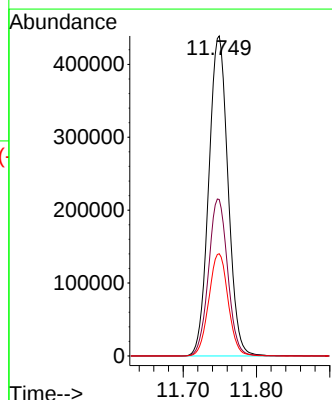
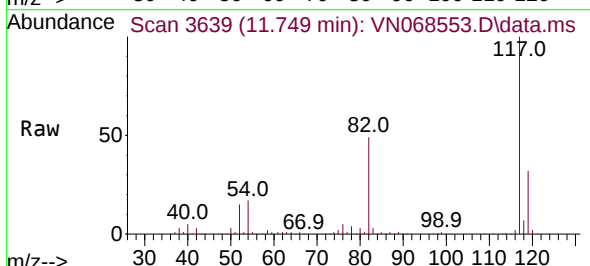
Instrument :
MSVOA_N
ClientSampleId :
SUB-SLAB-01-(15-17)

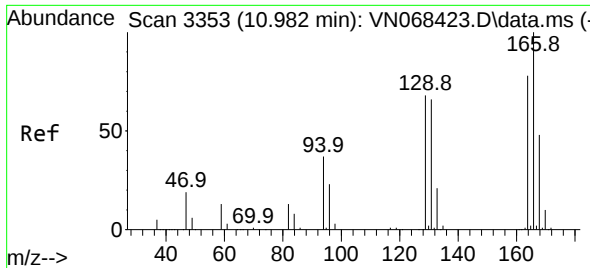
Tgt Ion: 95 Resp: 345894
Ion Ratio Lower Upper
95 100
174 99.7 0.0 214.0
176 95.1 0.0 205.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion: 117 Resp: 800085
Ion Ratio Lower Upper
117 100
82 48.9 38.7 58.1
119 32.0 25.5 38.3

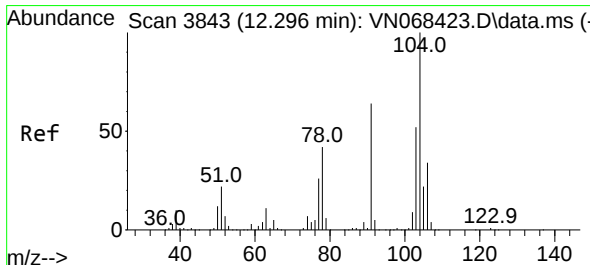
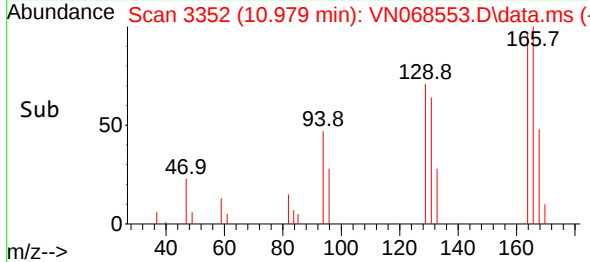
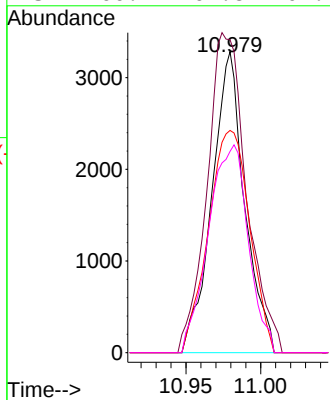
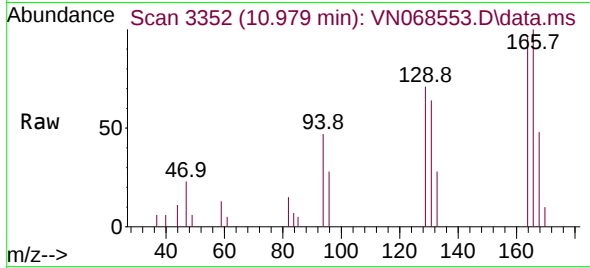




#64
Tetrachloroethene
Concen: 0.704 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. -0.003 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

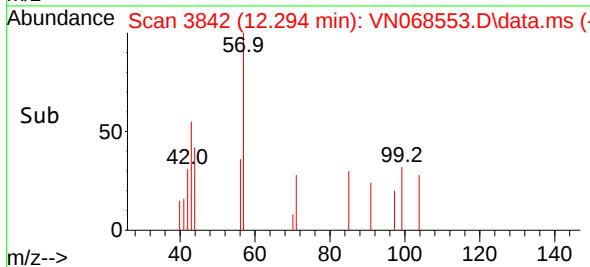
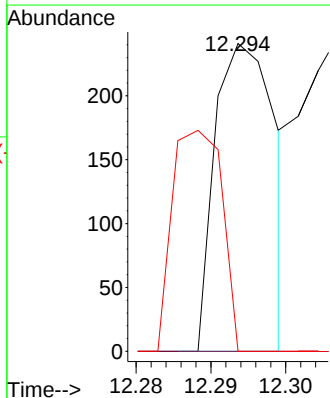
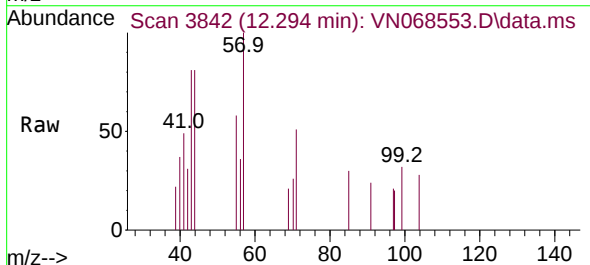
Instrument :
MSVOA_N
ClientSampleId :
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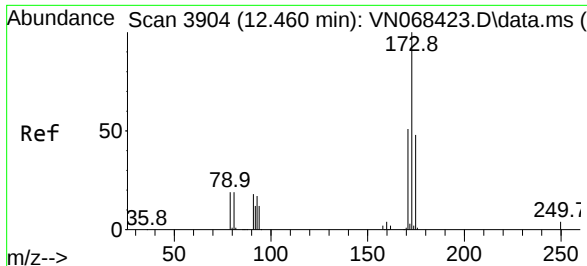
Tgt Ion:164 Resp: 4989
Ion Ratio Lower Upper
164 100
166 104.0 102.9 154.3
129 73.8 70.1 105.1
131 66.9 67.8 101.6#



#70
Styrene
Concen: 1.761 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.002 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:104 Resp: 135
Ion Ratio Lower Upper
104 100
78 0.0 36.2 54.2#
103 59.3 44.4 66.6

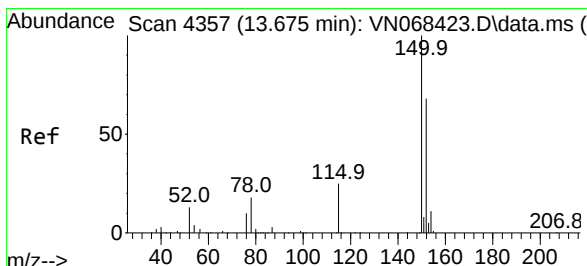
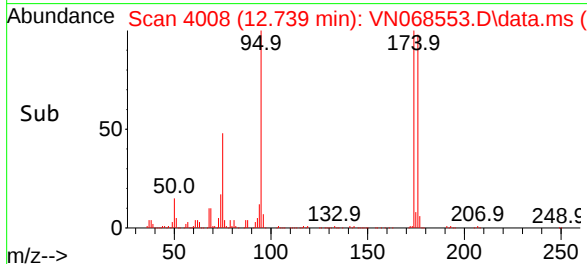
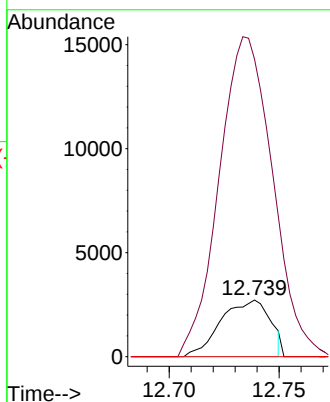
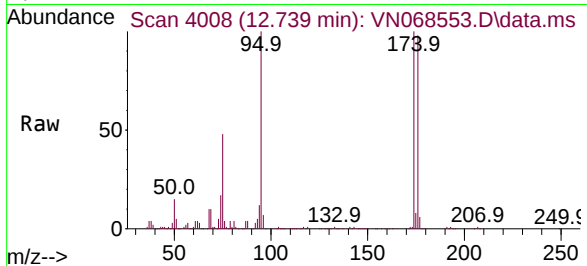




#71
Bromoform
Concen: 3.187 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

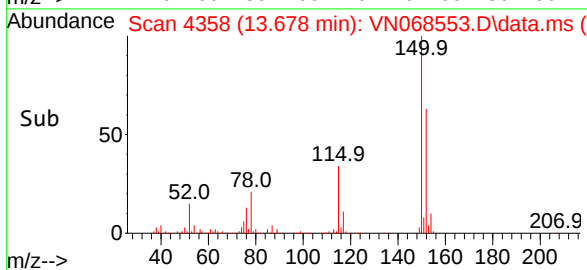
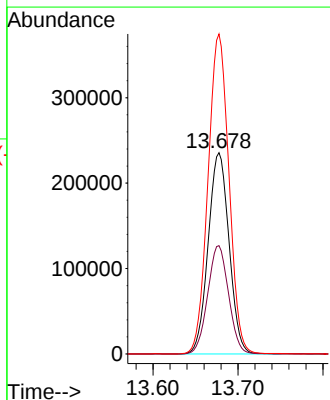
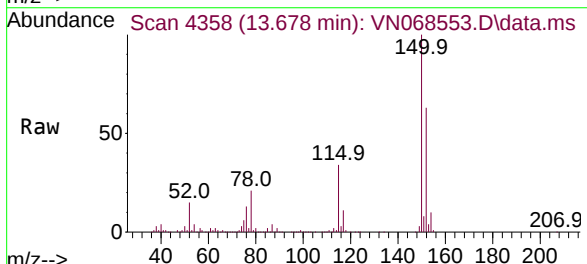
Instrument :
MSVOA_N
ClientSampleId :
SUB-SLAB-01-(15-17)

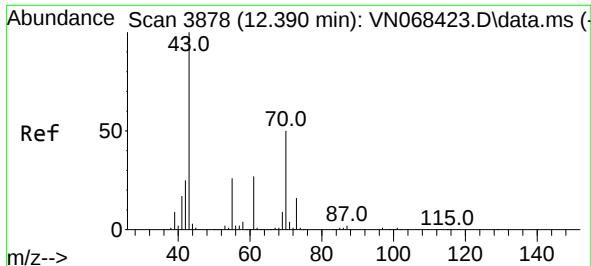
Tgt Ion:173 Resp: 4241
Ion Ratio Lower Upper
173 100
175 564.1 24.1 72.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.003 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:152 Resp: 402200
Ion Ratio Lower Upper
152 100
115 53.8 25.6 76.6
150 158.8 0.0 346.8

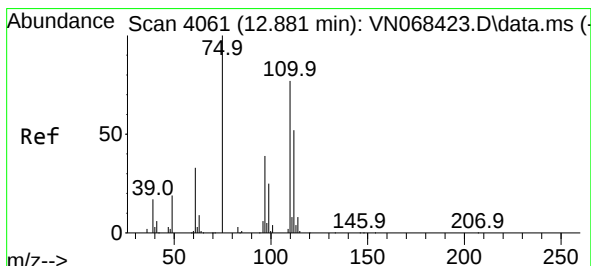
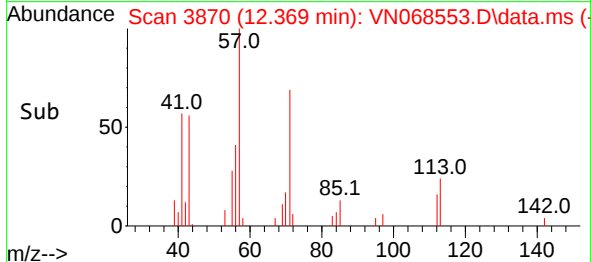
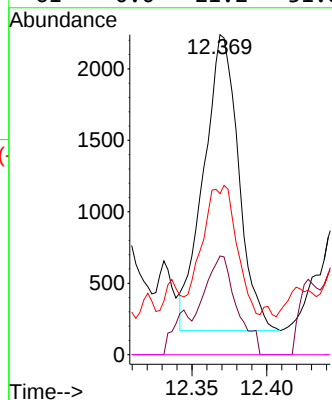
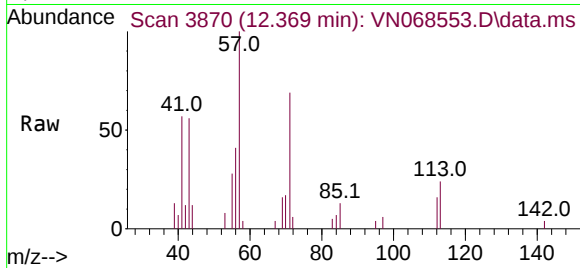




#74
N-amy1 acetate
Concen: 0.528 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.021 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

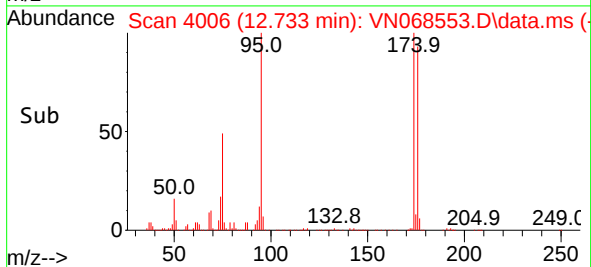
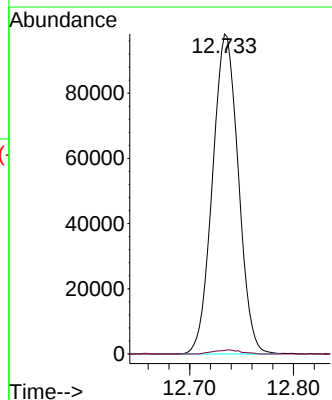
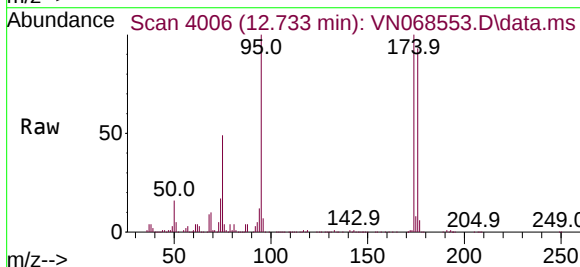
Instrument :
MSVOA_N
ClientSampleId :
SUB-SLAB-01-(15-17)

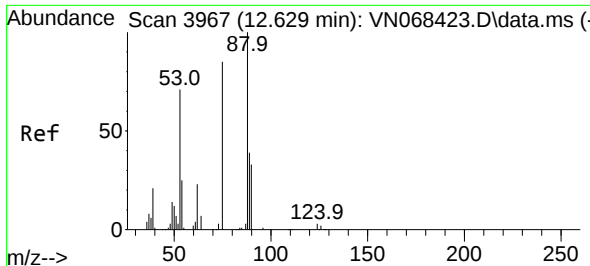
Tgt Ion:	43	Resp:	3367
Ion	Ratio	Lower	Upper
43	100		
70	31.2	40.0	60.0#
55	42.4	21.1	31.7#
61	0.0	21.2	31.8#



#76
1,2,3-Trichloropropane
Concen: 30.244 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:	75	Resp:	169677
Ion	Ratio	Lower	Upper
75	100		
77	1.3	100.9	302.7#

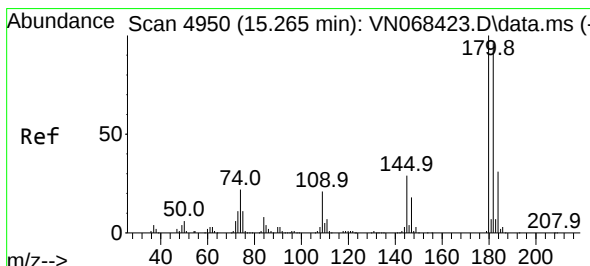
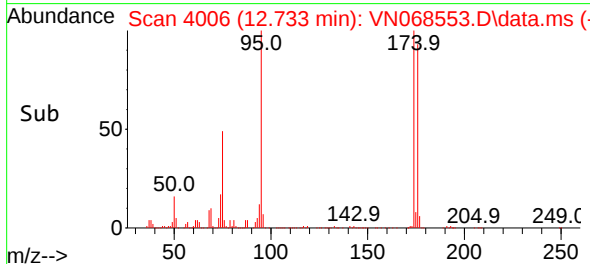
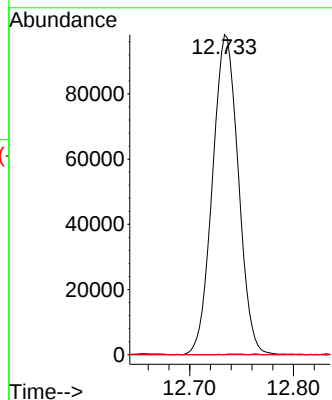
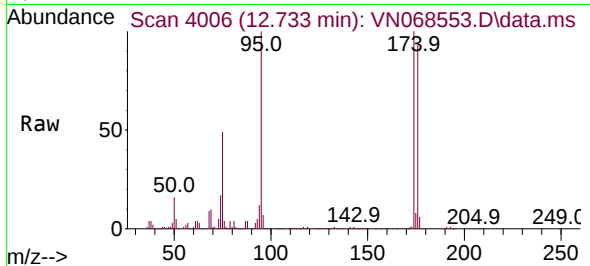




#81
trans-1,4-Dichloro-2-butene
Concen: 93.495 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

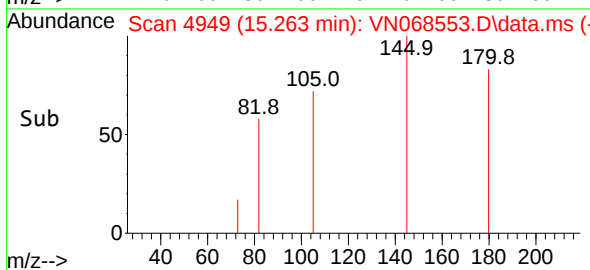
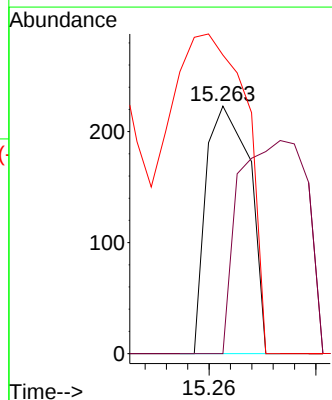
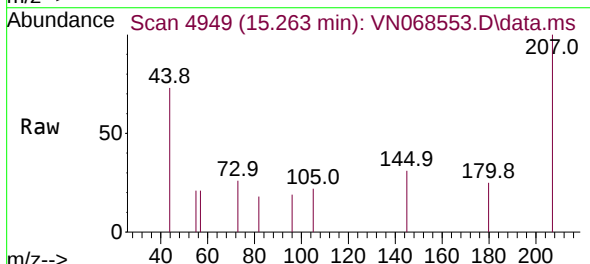
Instrument :
MSVOA_N
ClientSampleId :
SUB-SLAB-01-(15-17)

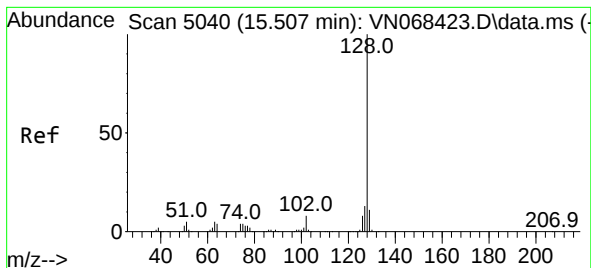
Tgt Ion: 75 Resp: 169677
Ion Ratio Lower Upper
75 100
53 0.1 70.6 105.8#
89 0.0 39.5 59.3#



#93
1,2,4-Trichlorobenzene
Concen: 2.975 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.002 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:180 Resp: 126
Ion Ratio Lower Upper
180 100
182 134.9 47.5 142.6
145 225.4 14.1 42.4#

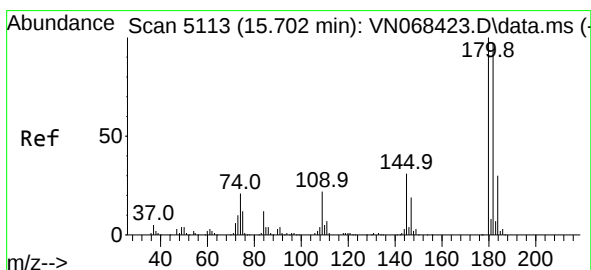
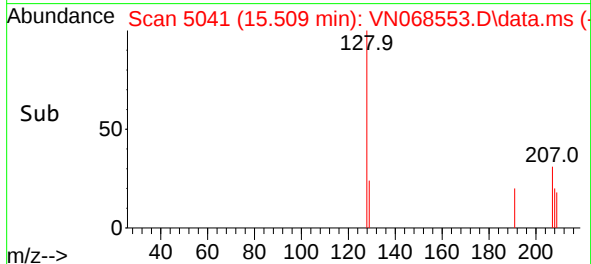
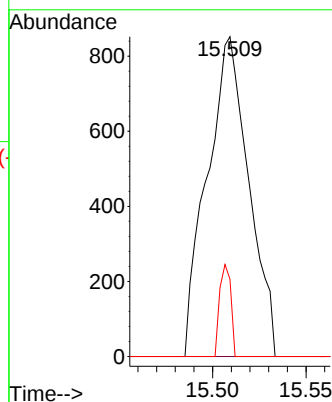
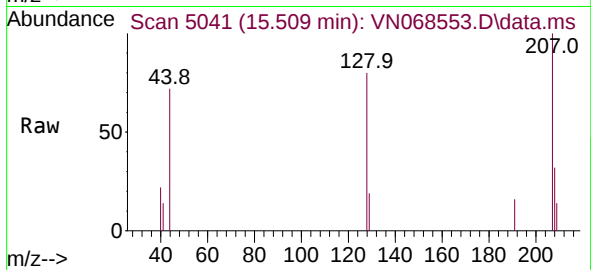




#95
Naphthalene
Concen: 3.574 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Instrument :
MSVOA_N
ClientSampleId :
SUB-SLAB-01-(15-17)

Tgt Ion:128 Resp: 1320
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 7.7 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 2.981 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN068553.D
Acq: 18 Sep 2021 6:28

Tgt Ion:180 Resp: 53
Ion Ratio Lower Upper
180 100
182 0.0 47.9 143.6#
145 47.2 15.2 45.5#

