

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079353.D
 Acq On : 08 Jul 2024 20:52
 Operator : RP/MD
 Sample : P3167-15
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BP-VPB-196-GW-840-842

Quant Time: Jul 09 04:59:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

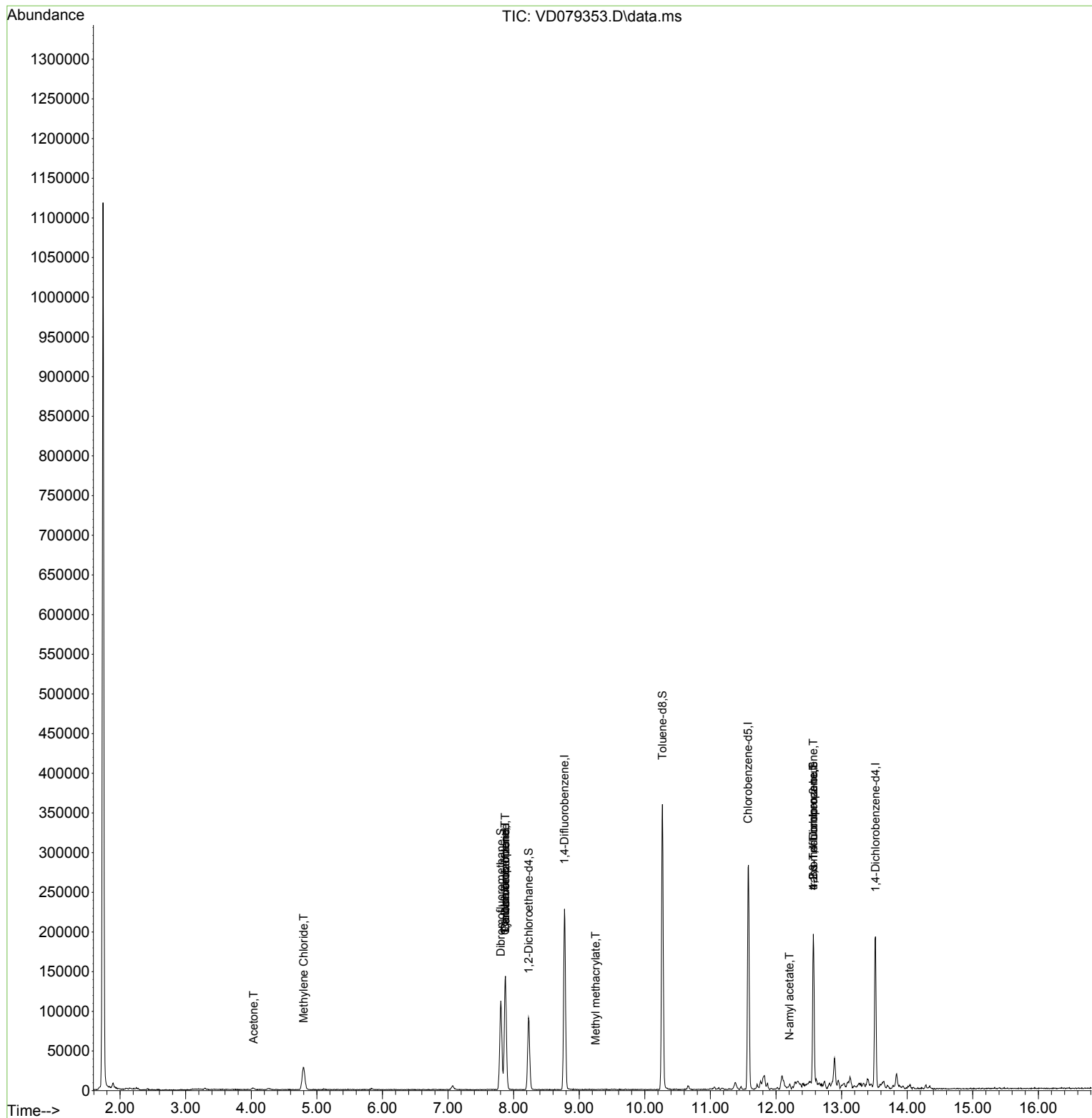
Internal Standards						
1) Pentafluorobenzene	7.875	168	102031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	202836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	174960	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	52269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69294	57.631	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.260%			
35) Dibromofluoromethane	7.805	113	81741	57.123	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.240%			
50) Toluene-d8	10.269	98	261170	47.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 94.700%			
62) 4-Bromofluorobenzene	12.569	95	63956	37.304	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 74.600%			
Target Compounds						
5) Bromomethane	2.699	94	351	Below Cal	#	71
16) Acetone	4.034	43	3325	14.540	ug/l	99
20) Methylene Chloride	4.799	84	23940	5.919	ug/l	# 95
31) Cyclohexane	7.869	56	2396	1.318	ug/l	# 21
36) 1,1-Dichloropropene	7.869	75	9415	5.179	ug/l	# 44
38) Carbon Tetrachloride	7.875	117	10982	5.739	ug/l	# 13
48) Methyl methacrylate	9.252	41	56	2.555	ug/l	# 2
74) N-amyl acetate	12.204	43	1492	1.903	ug/l	# 67
76) 1,2,3-Trichloropropane	12.569	75	30976	61.680	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	30976	116.295	ug/l	# 19

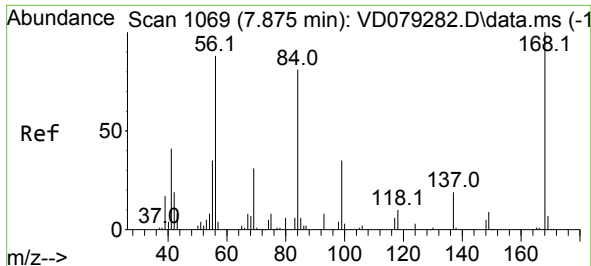
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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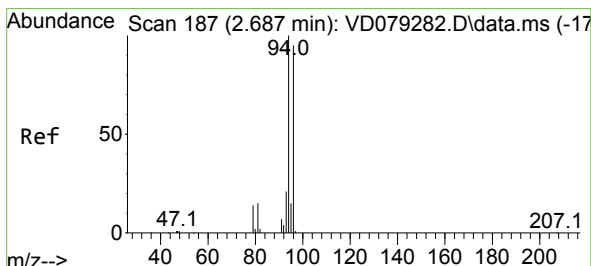
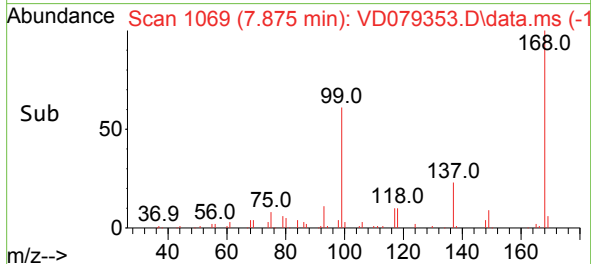
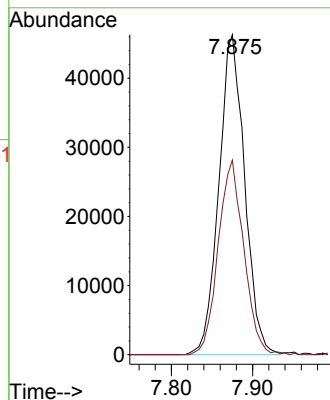
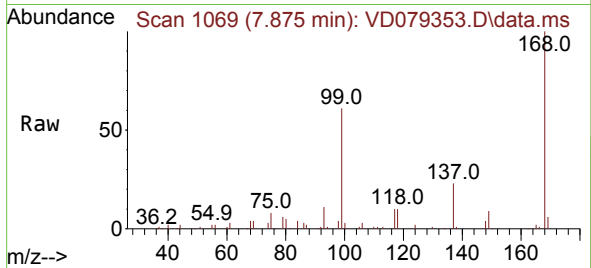




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

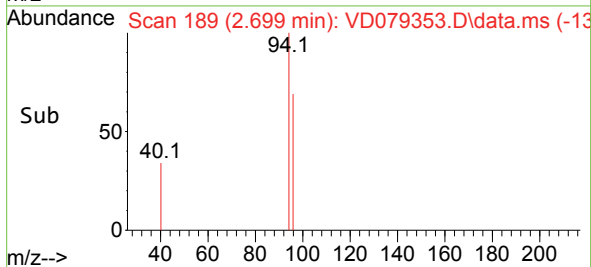
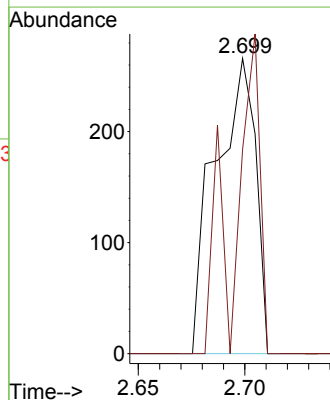
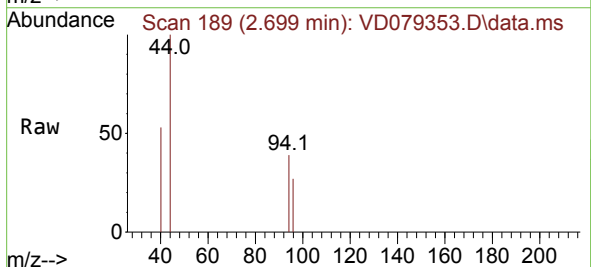
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842

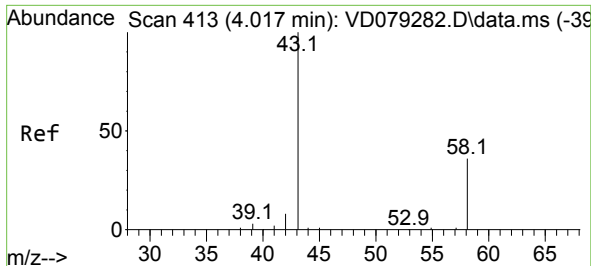
Tgt Ion:168 Resp: 102031
Ion Ratio Lower Upper
168 100
99 60.8 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.699 min Scan# 189
Delta R.T. 0.041 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Tgt Ion: 94 Resp: 351
Ion Ratio Lower Upper
94 100
96 68.1 76.9 115.3#





#16

Acetone

Concen: 14.540 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.017 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

Instrument :

MSVOA_D

ClientSampleId :

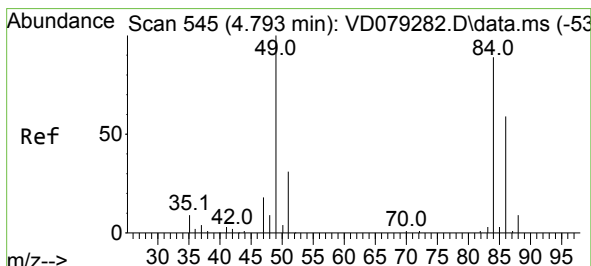
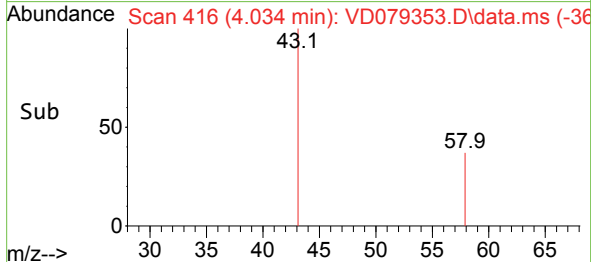
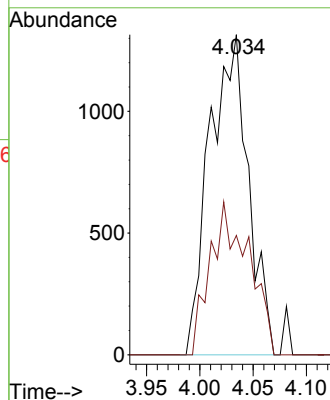
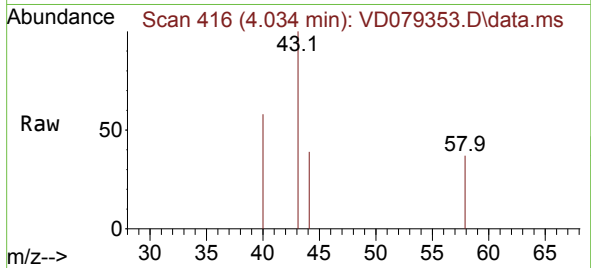
BP-VPB-196-GW-840-842

Tgt Ion: 43 Resp: 3325

Ion Ratio Lower Upper

43 100

58 37.3 30.4 45.6



#20

Methylene Chloride

Concen: 5.919 ug/l

RT: 4.799 min Scan# 546

Delta R.T. 0.006 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

Tgt Ion: 84 Resp: 23940

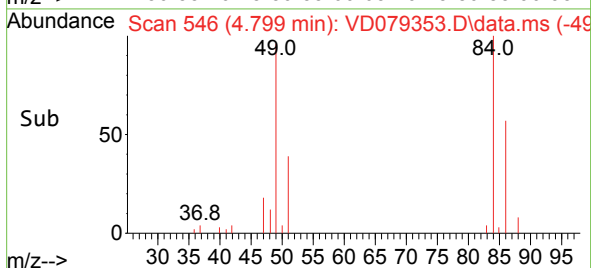
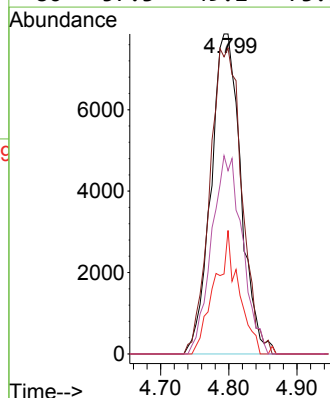
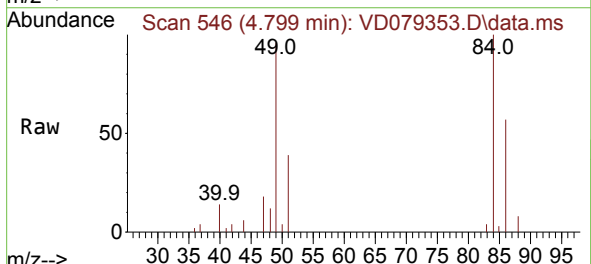
Ion Ratio Lower Upper

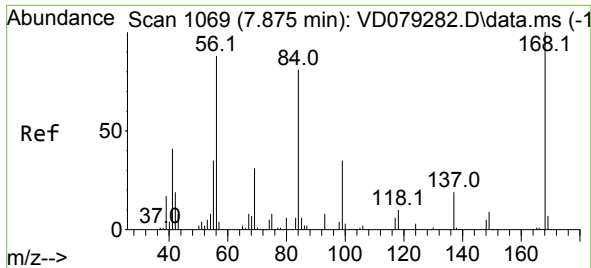
84 100

49 95.6 75.6 113.4

51 38.6 24.2 36.2#

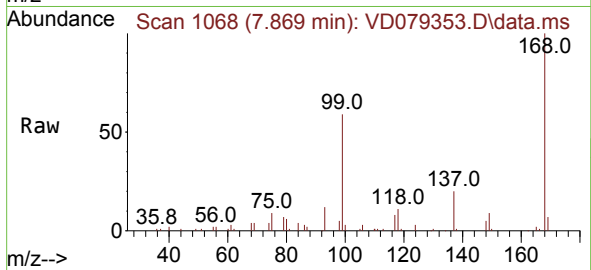
86 57.3 49.2 73.8



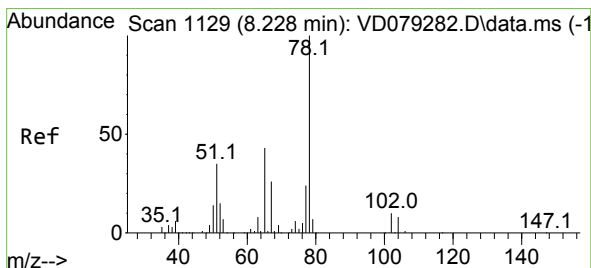
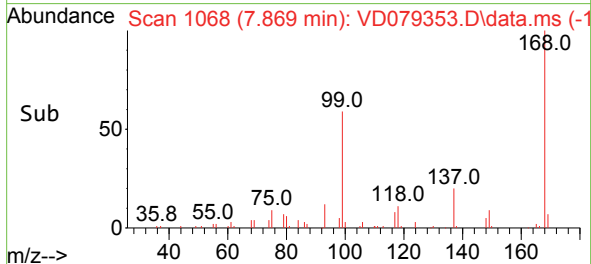
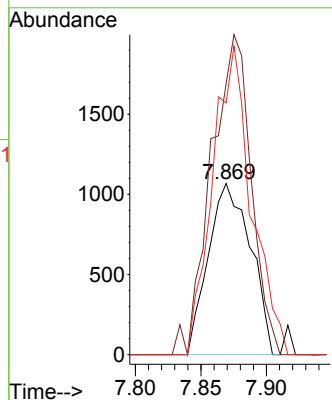


#31
Cyclohexane
Concen: 1.318 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842

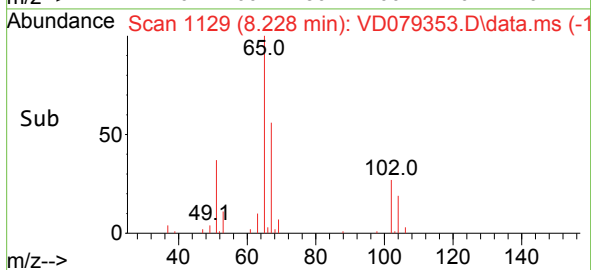
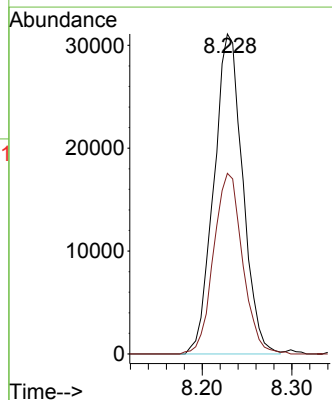
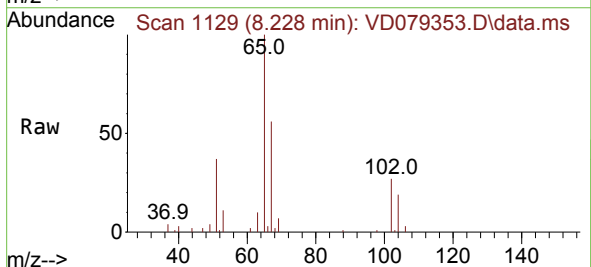


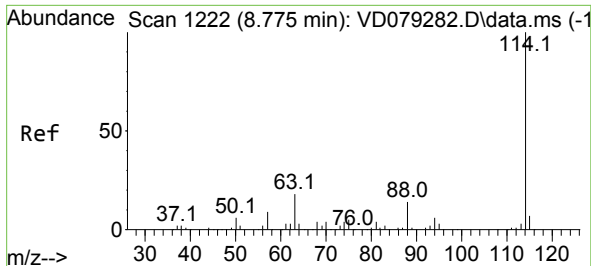
Tgt Ion: 56 Resp: 2396
Ion Ratio Lower Upper
56 100
69 158.4 28.0 42.0#
84 147.0 87.4 131.0#



#33
1,2-Dichloroethane-d4
Concen: 57.631 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Tgt Ion: 65 Resp: 69294
Ion Ratio Lower Upper
65 100
67 56.8 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-840-842

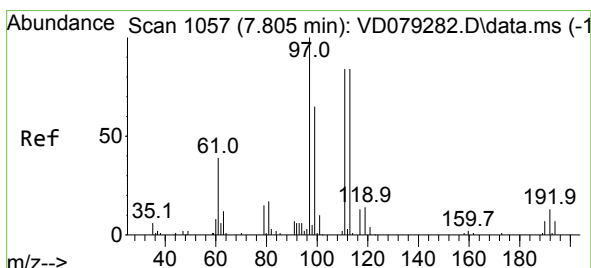
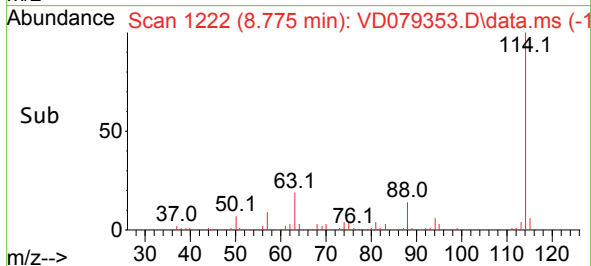
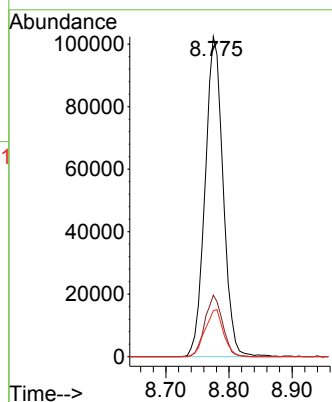
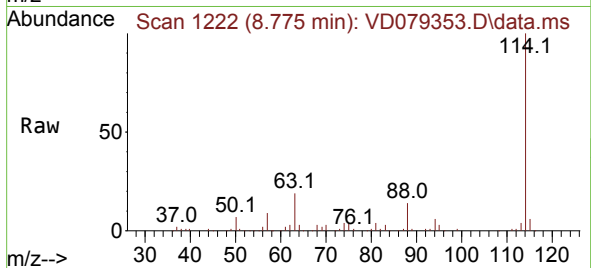
Tgt Ion:114 Resp: 202836

Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

88 14.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 57.123 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

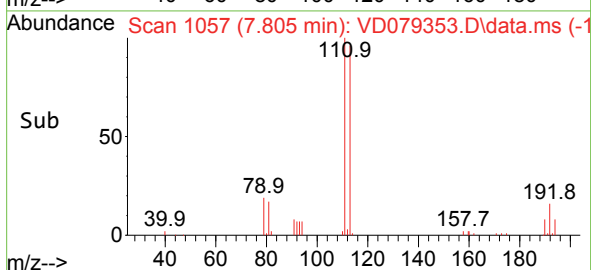
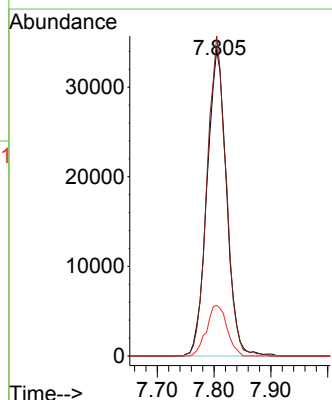
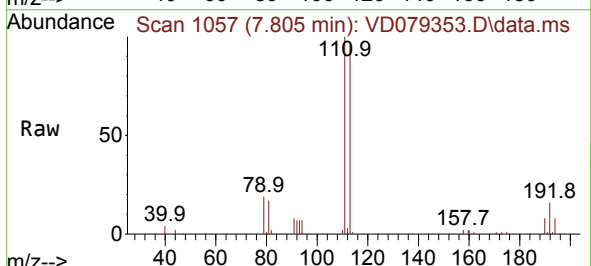
Tgt Ion:113 Resp: 81741

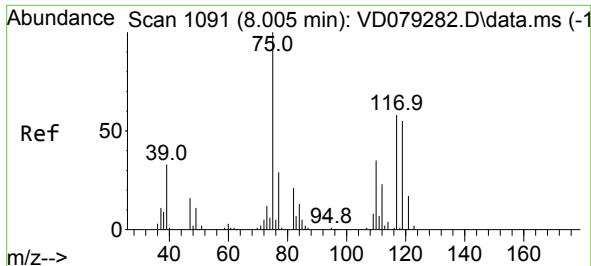
Ion Ratio Lower Upper

113 100

111 101.3 84.0 126.0

192 17.3 15.4 23.0

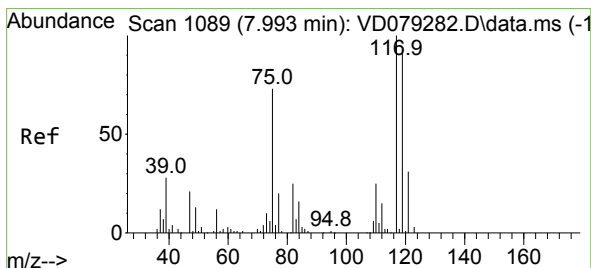
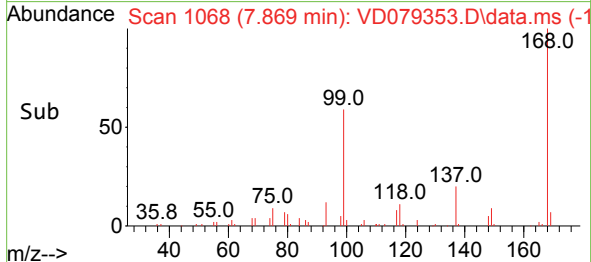
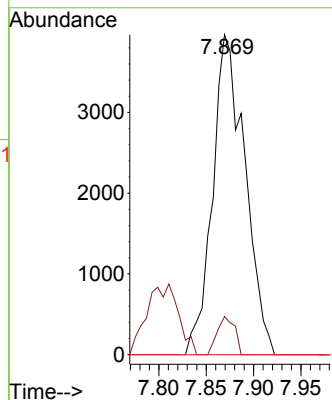
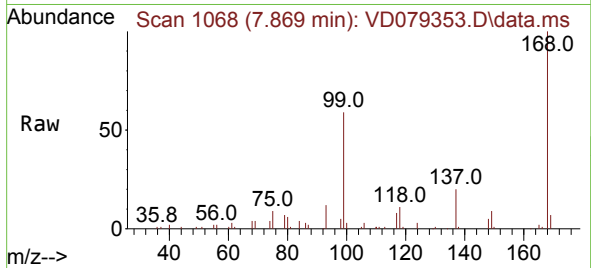




#36
1,1-Dichloropropene
Concen: 5.179 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

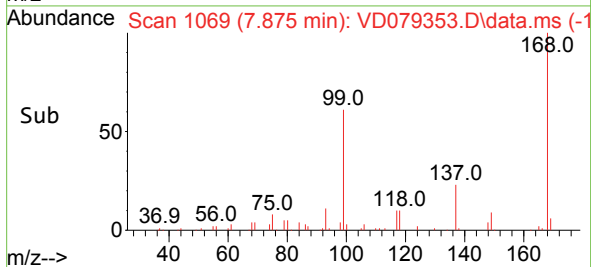
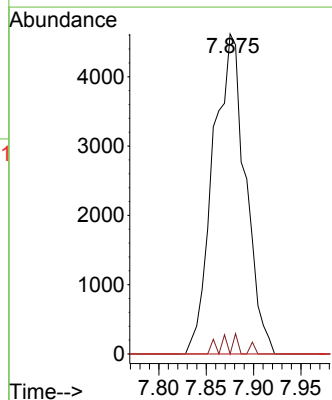
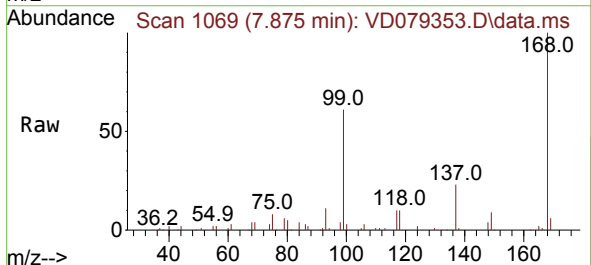
Instrument :
MSVOA_D
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BP-VPB-196-GW-840-842

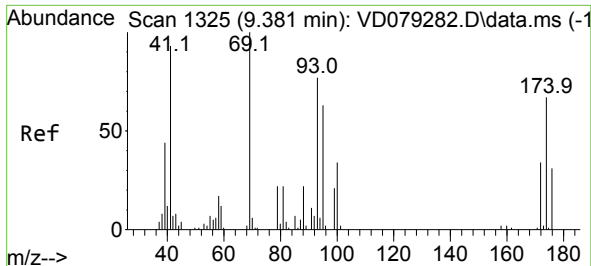
Tgt Ion: 75 Resp: 9415
Ion Ratio Lower Upper
75 100
110 6.4 19.6 58.7#
77 0.0 26.1 39.1#



#38
Carbon Tetrachloride
Concen: 5.739 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

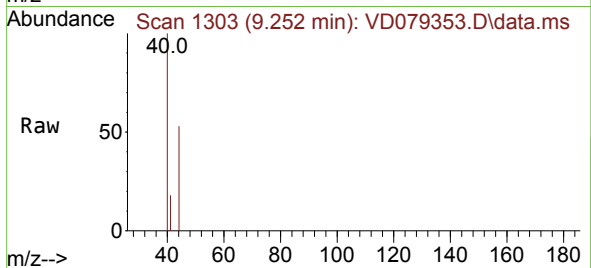
Tgt Ion: 117 Resp: 10982
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



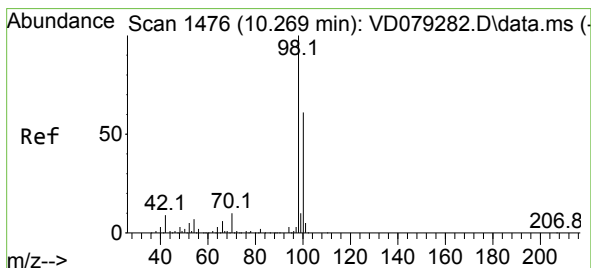
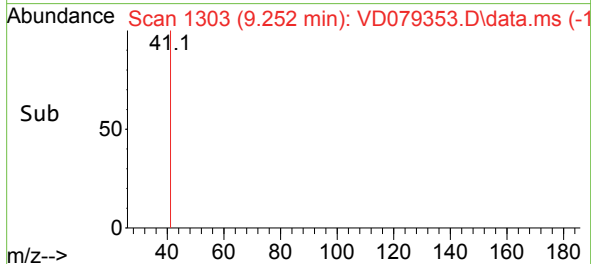
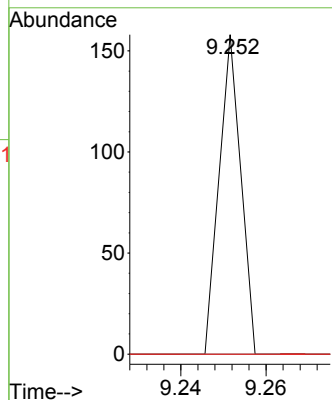


#48
Methyl methacrylate
Concen: 2.555 ug/l
RT: 9.252 min Scan# 11
Delta R.T. -0.123 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842

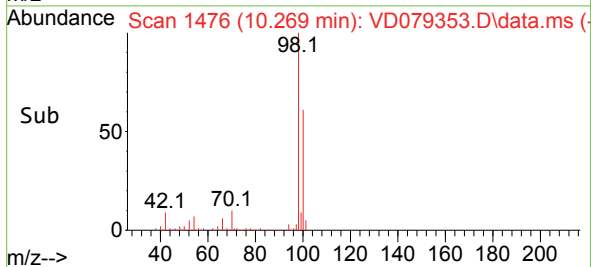
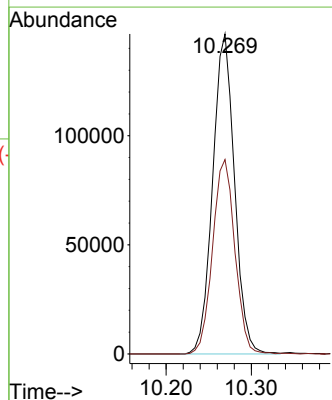
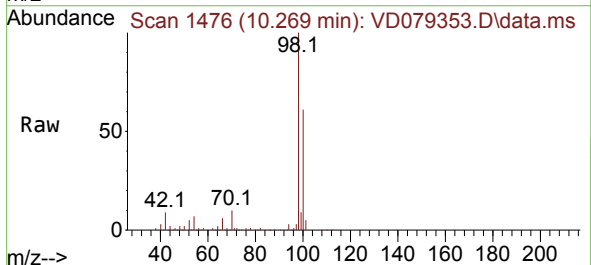


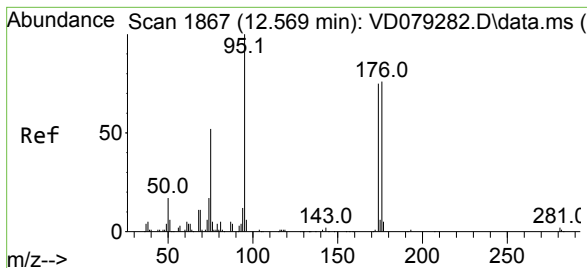
Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
69 0.0 96.7 145.1#
39 0.0 43.8 65.6#



#50
Toluene-d8
Concen: 47.347 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Tgt Ion: 98 Resp: 261170
Ion Ratio Lower Upper
98 100
100 62.1 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 37.304 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

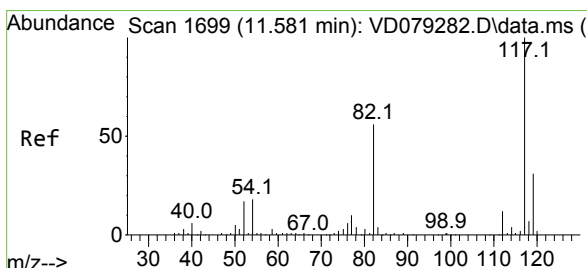
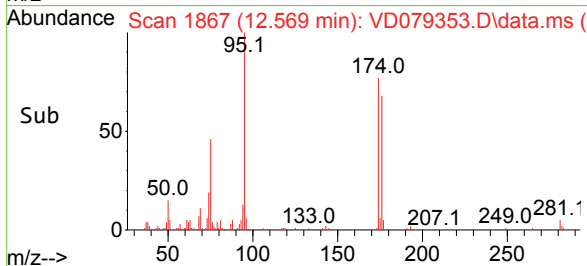
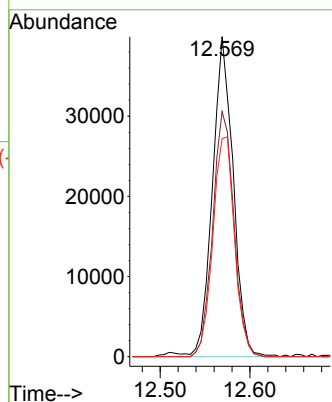
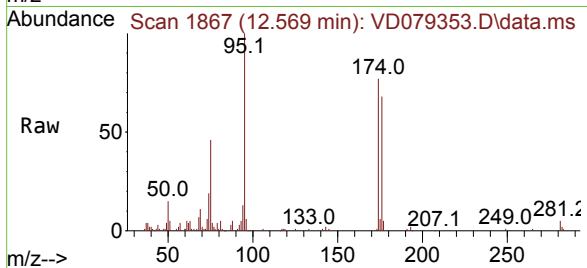
Instrument :

MSVOA_D

ClientSampleId :

BP-VPB-196-GW-840-842

Tgt Ion:	95	Resp:	63956
Ion	Ratio	Lower	Upper
95	100		
174	78.3	0.0	195.4
176	71.9	0.0	192.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

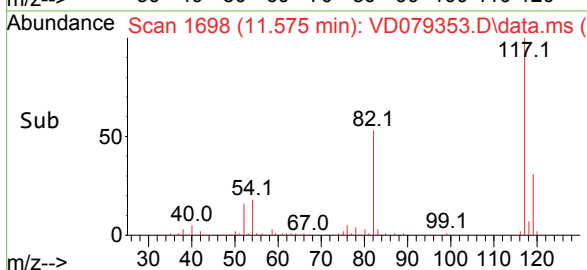
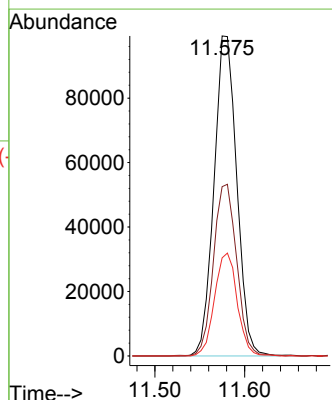
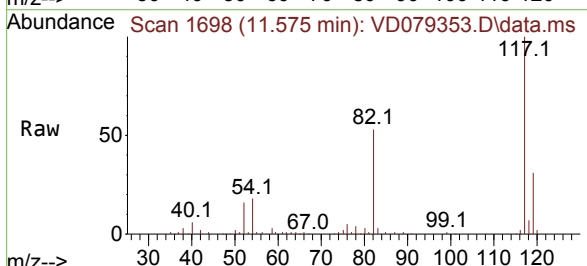
RT: 11.575 min Scan# 1698

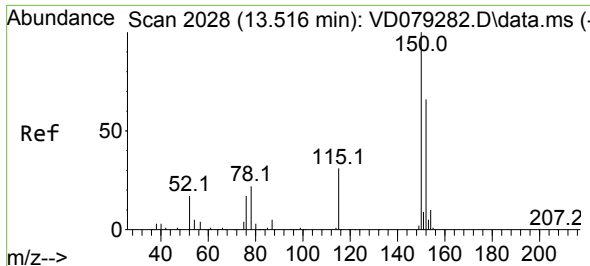
Delta R.T. -0.006 min

Lab File: VD079353.D

Acq: 08 Jul 2024 20:52

Tgt Ion:	117	Resp:	174960
Ion	Ratio	Lower	Upper
117	100		
82	52.7	39.8	59.6
119	30.7	25.7	38.5

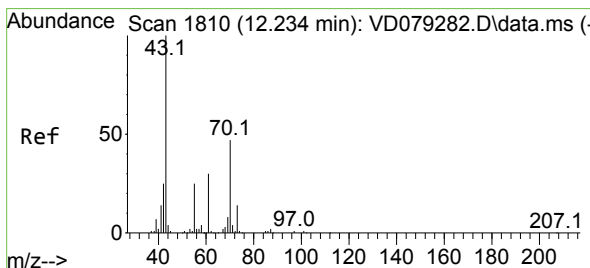
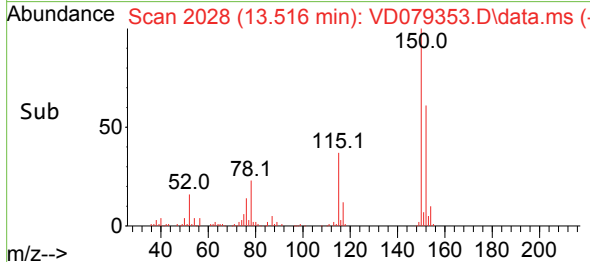
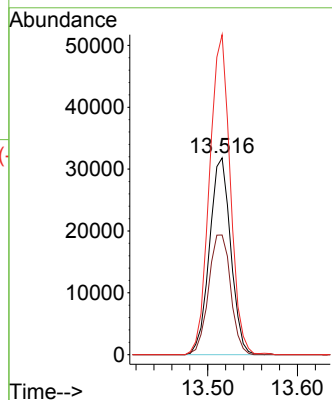
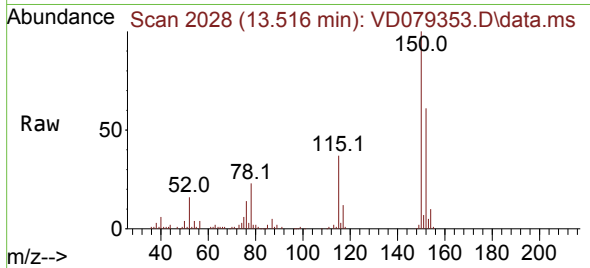




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

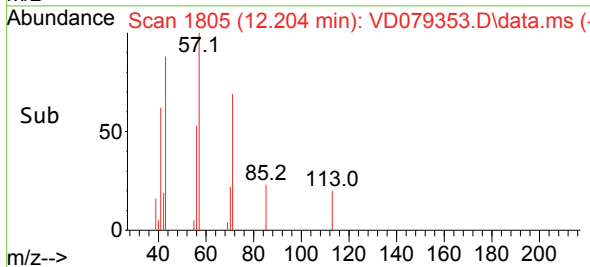
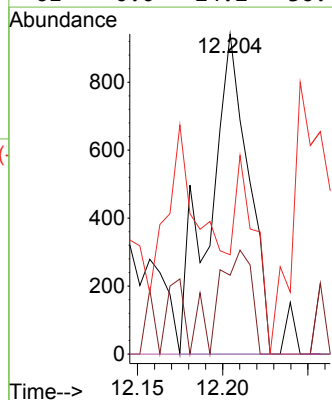
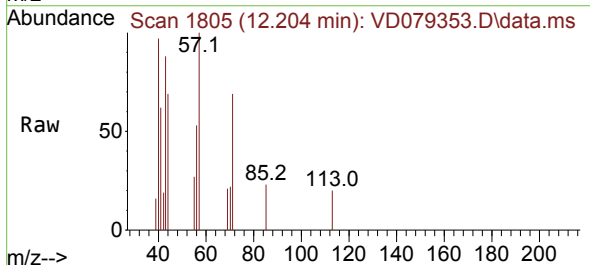
Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842

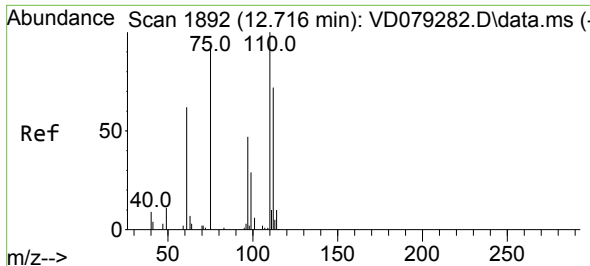
Tgt Ion:152 Resp: 52269
Ion Ratio Lower Upper
152 100
115 63.3 26.5 79.5
150 158.6 0.0 341.6



#74
N-ethyl acetate
Concen: 1.903 ug/l
RT: 12.204 min Scan# 1805
Delta R.T. -0.024 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
70 29.0 44.3 66.5#
55 31.0 23.2 34.8
61 0.0 24.2 36.4#

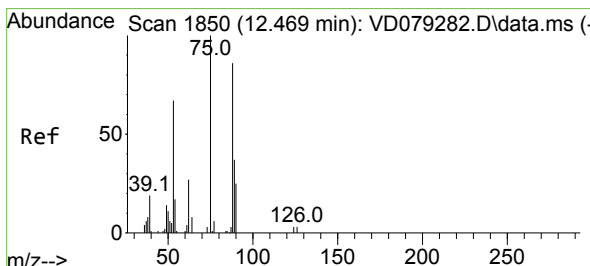
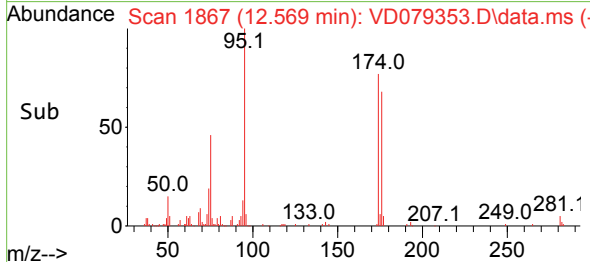
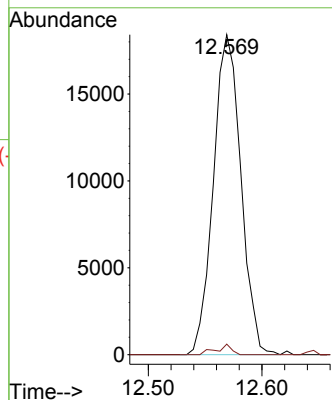
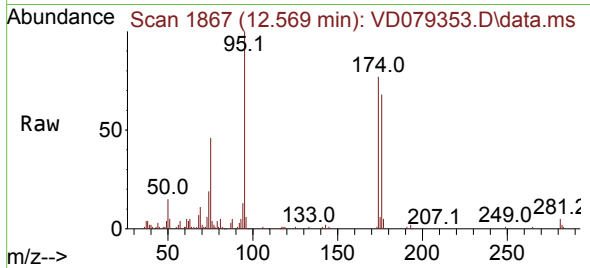




#76
1,2,3-Trichloropropane
Concen: 61.680 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Instrument :
MSVOA_D
ClientSampleId :
BP-VPB-196-GW-840-842

Tgt Ion: 75 Resp: 30976
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.295 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079353.D
Acq: 08 Jul 2024 20:52

Tgt Ion: 75 Resp: 30976
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

