

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078675.D
 Acq On : 14 Mar 2024 19:07
 Operator : RP/MD
 Sample : P1746-12
 Misc : 4.99G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-2.0-4.0

Quant Time: Mar 15 05:52:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

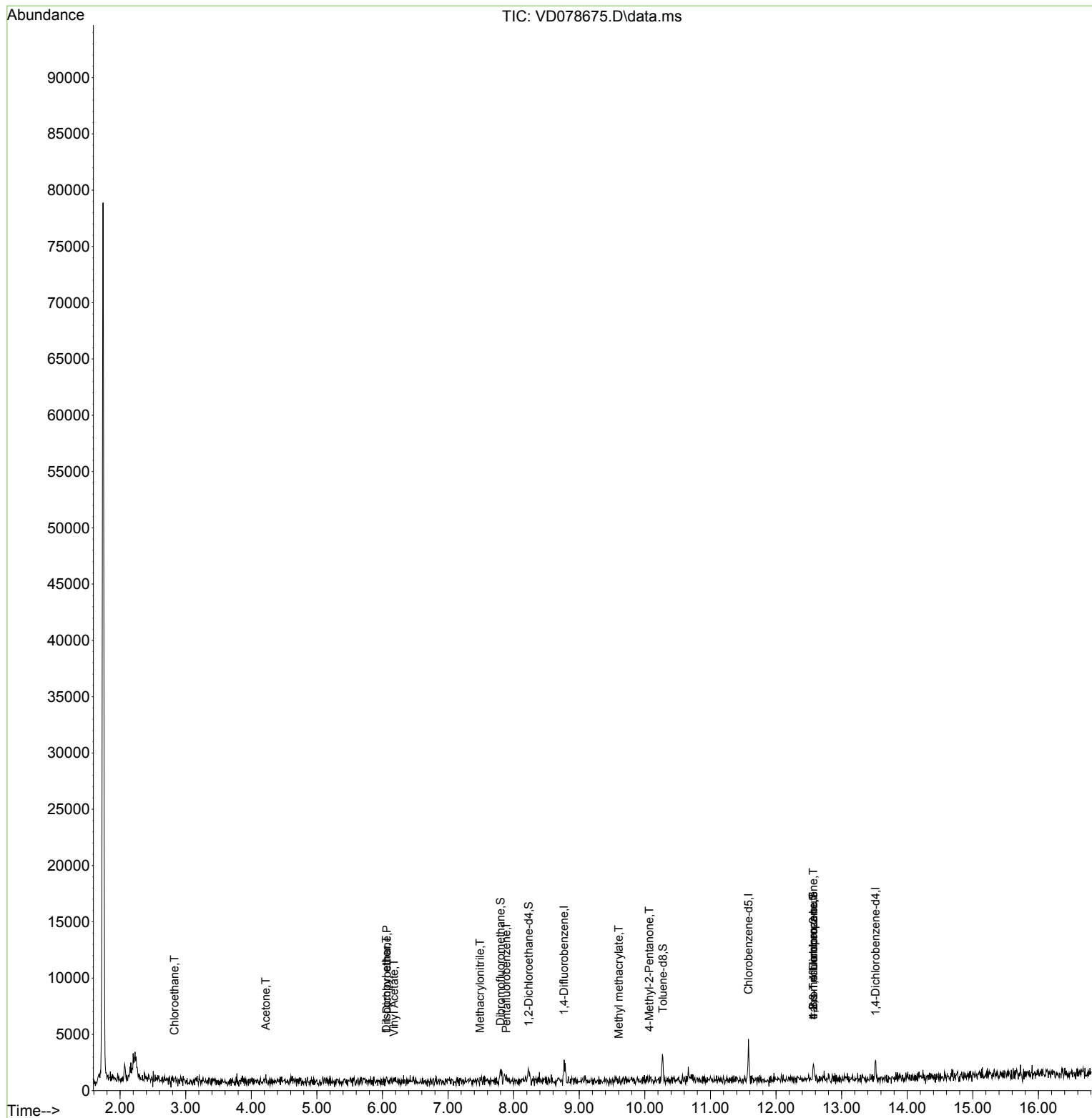
Internal Standards						
1) Pentafluorobenzene	7.887	168	803	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.769	114	1887	50.000	ug/l	# 0.00
63) Chlorobenzene-d5	11.581	117	1735	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	978	129.960	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 259.920%#	
35) Dibromofluoromethane	7.799	113	811	66.752	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 133.500%	
50) Toluene-d8	10.275	98	1663	37.219	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 74.440%	
62) 4-Bromofluorobenzene	12.569	95	593	45.364	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.720%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.828	64	133	9.797	ug/l	# 41
16) Acetone	4.222	43	62	42.605	ug/l	# 39
22) Diisopropyl ether	6.057	45	68	3.262	ug/l	# 35
23) Vinyl Acetate	6.175	43	61	5.003	ug/l	# 67
24) 1,1-Dichloroethane	6.069	63	56	3.584	ug/l	# 80
41) Methacrylonitrile	7.487	41	63	20.876	ug/l	# 13
48) Methyl methacrylate	9.604	41	54	10.582	ug/l	# 5
51) 4-Methyl-2-Pentanone	10.069	43	74	13.515	ug/l	# 31
76) 1,2,3-Trichloropropane	12.569	75	127	33.641	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	127	70.517	ug/l	# 19

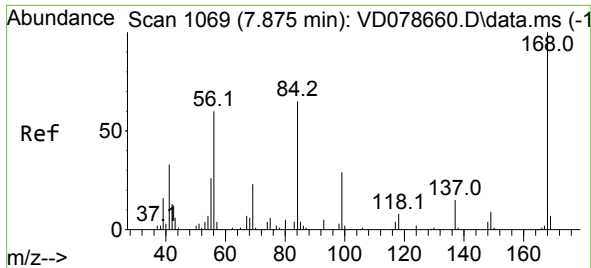
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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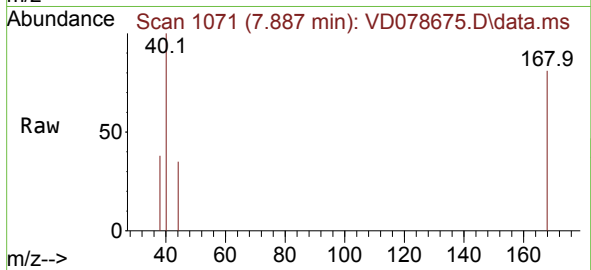
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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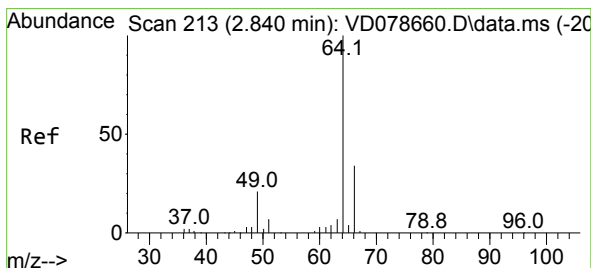
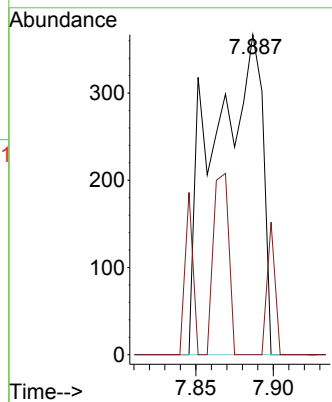
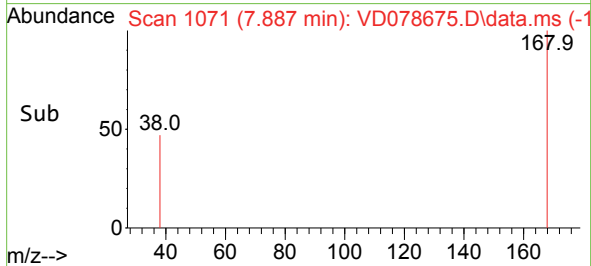


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 10
Delta R.T. 0.012 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Instrument :
MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

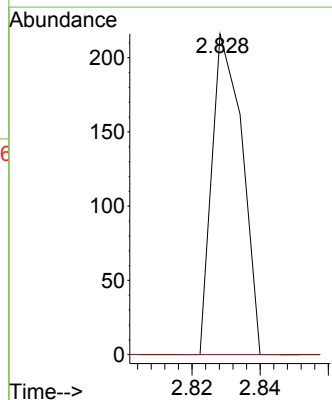
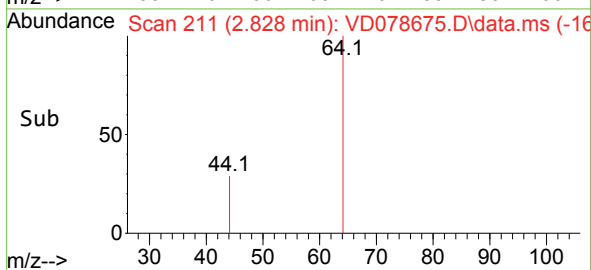
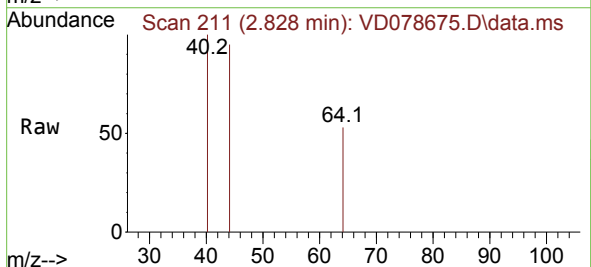


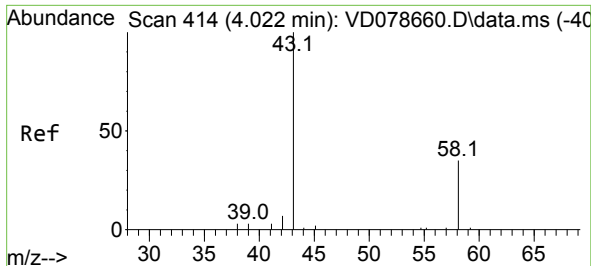
Tgt Ion:168 Resp: 803
Ion Ratio Lower Upper
168 100
99 0.0 38.8 58.2#



#6
Chloroethane
Concen: 9.797 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.012 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion: 64 Resp: 133
Ion Ratio Lower Upper
64 100
66 0.0 26.8 40.2#

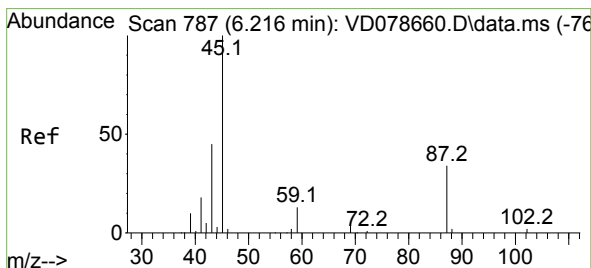
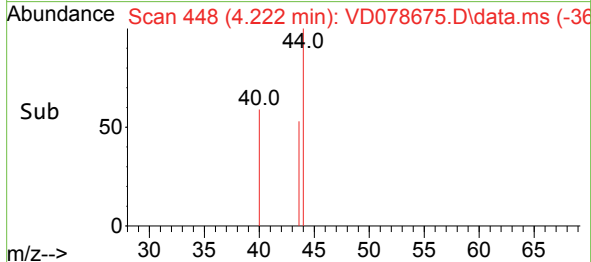
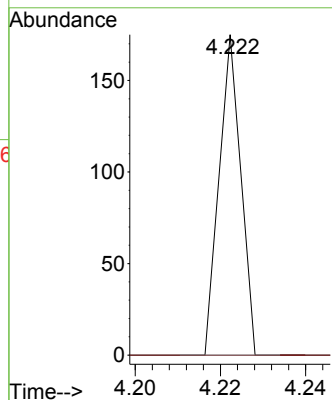
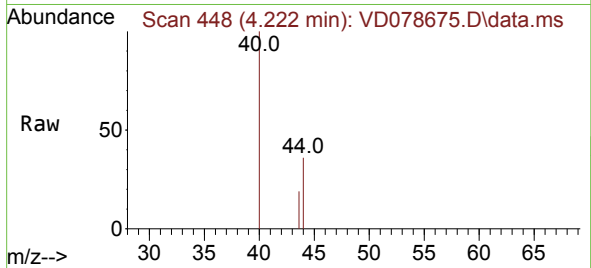




#16
Acetone
Concen: 42.605 ug/l
RT: 4.222 min Scan# 414
Delta R.T. 0.200 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

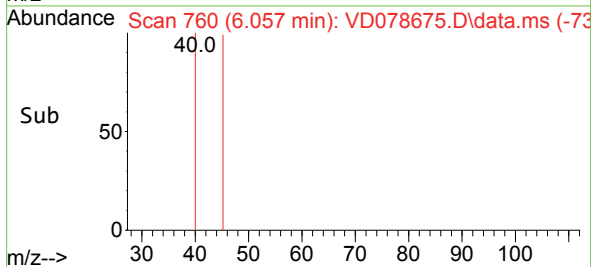
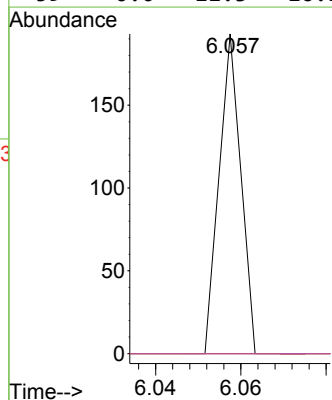
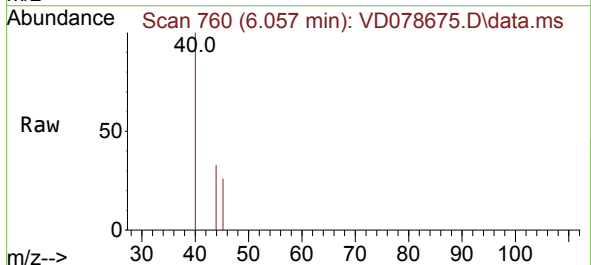
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MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

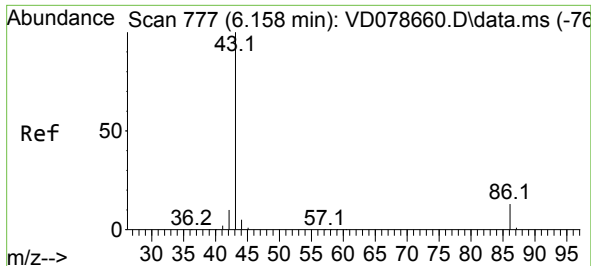
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#22
Diisopropyl ether
Concen: 3.262 ug/l
RT: 6.057 min Scan# 760
Delta R.T. -0.159 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion: 45 Resp: 68
Ion Ratio Lower Upper
45 100
43 0.0 44.3 66.5#
87 0.0 28.3 42.5#
59 0.0 11.3 16.9#

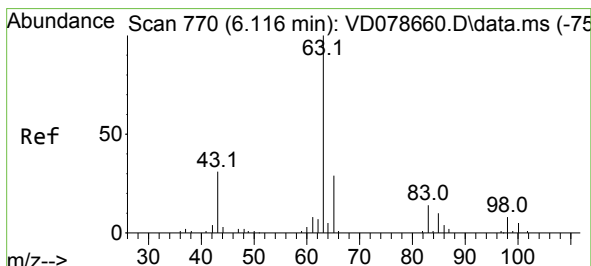
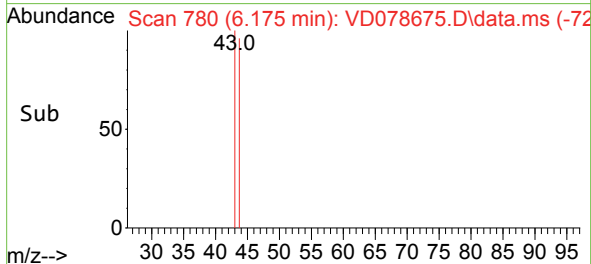
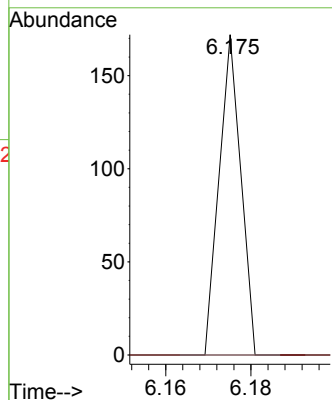
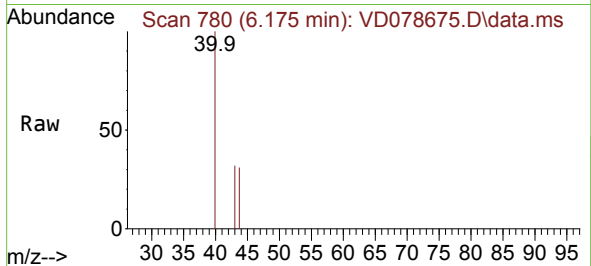




#23
 Vinyl Acetate
 Concen: 5.003 ug/l
 RT: 6.175 min Scan# 71
 Delta R.T. 0.018 min
 Lab File: VD078675.D
 Acq: 14 Mar 2024 19:07

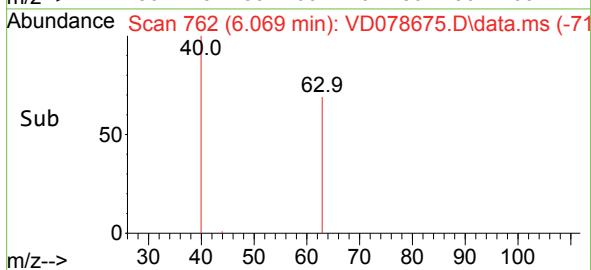
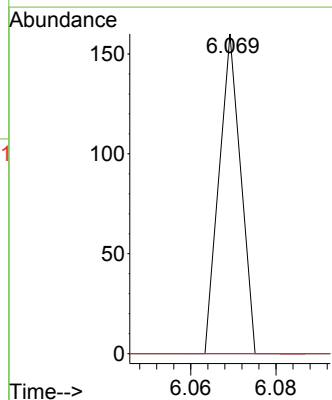
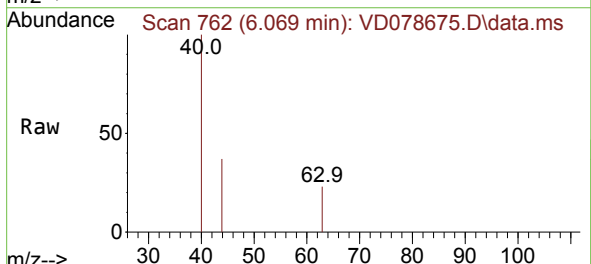
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-2.0-4.0

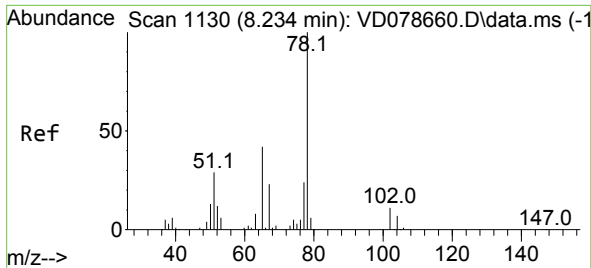
Tgt Ion: 43 Resp: 61
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 3.584 ug/l
 RT: 6.069 min Scan# 762
 Delta R.T. -0.047 min
 Lab File: VD078675.D
 Acq: 14 Mar 2024 19:07

Tgt Ion: 63 Resp: 56
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.0 11.9#
 100 0.0 2.7 8.1#

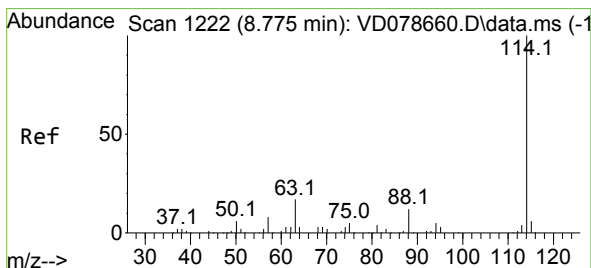
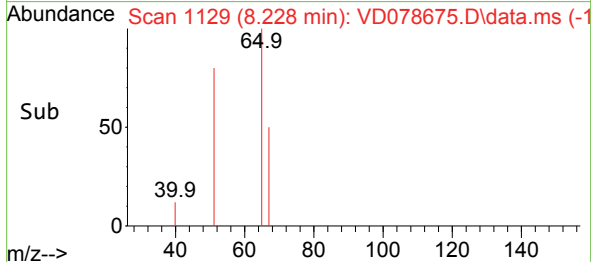
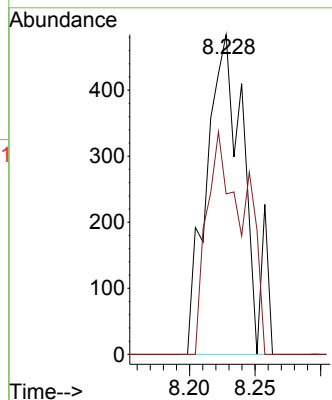
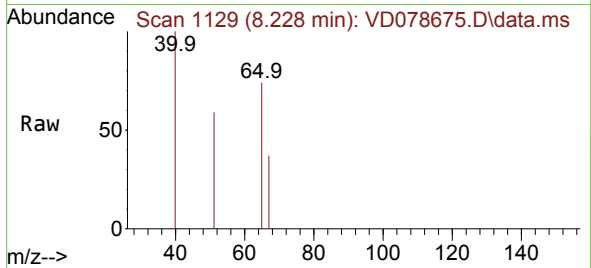




#33
 1,2-Dichloroethane-d4
 Concen: 129.960 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: VD078675.D
 Acq: 14 Mar 2024 19:07

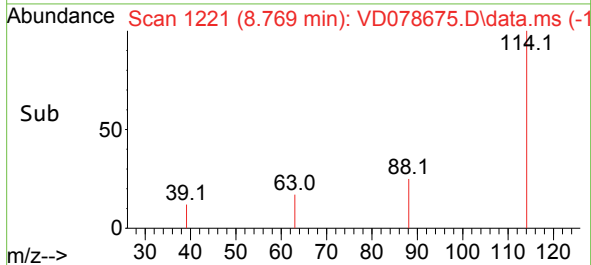
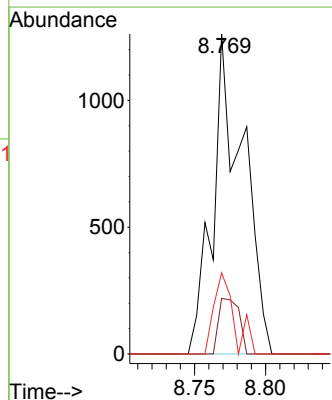
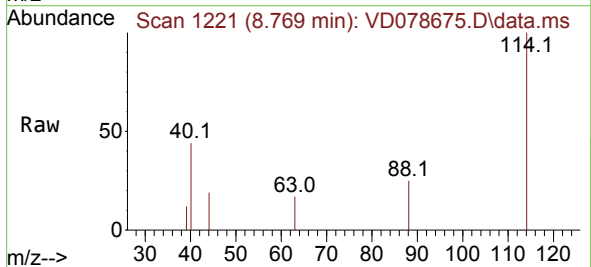
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-2.0-4.0

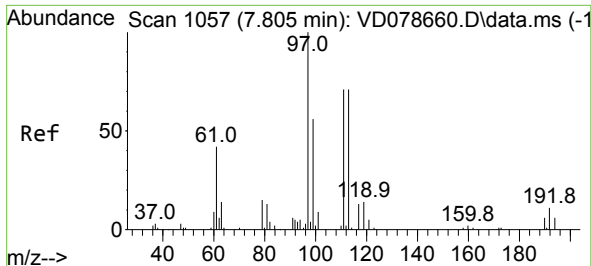
Tgt Ion: 65 Resp: 978
 Ion Ratio Lower Upper
 65 100
 67 68.7 0.0 110.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.769 min Scan# 1221
 Delta R.T. -0.006 min
 Lab File: VD078675.D
 Acq: 14 Mar 2024 19:07

Tgt Ion: 114 Resp: 1887
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.4
 88 25.4 0.0 24.6#





#35

Dibromofluoromethane

Concen: 66.752 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078675.D

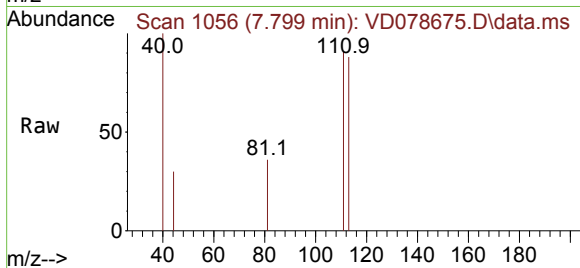
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Instrument :

MSVOA_D

ClientSampleId :

SB-04-2.0-4.0



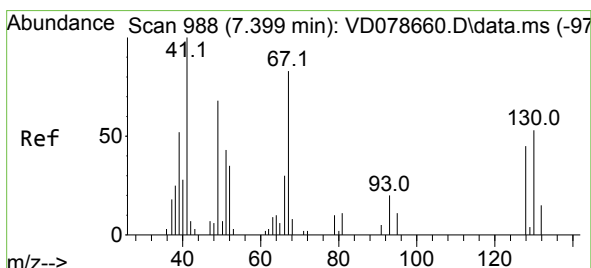
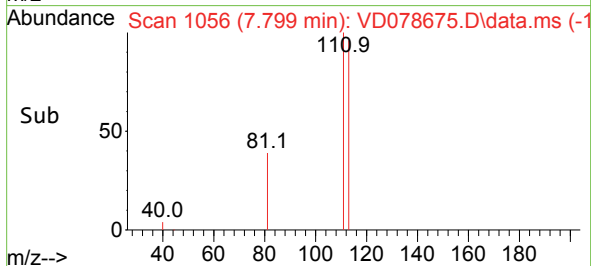
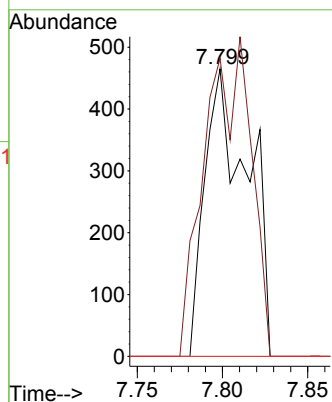
Tgt Ion:113 Resp: 811

Ion Ratio Lower Upper

113 100

111 120.2 81.9 122.9

192 0.0 15.4 23.0#



#41

Methacrylonitrile

Concen: 20.876 ug/l

RT: 7.487 min Scan# 1003

Delta R.T. 0.088 min

Lab File: VD078675.D

Acq: 14 Mar 2024 19:07

Tgt Ion: 41 Resp: 63

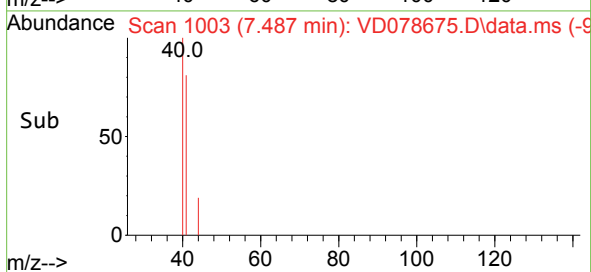
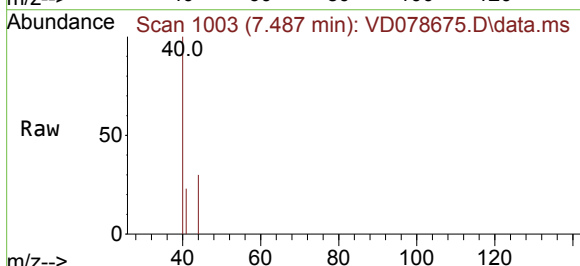
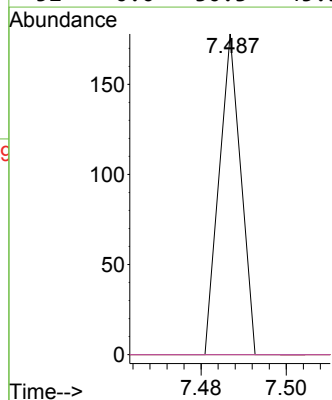
Ion Ratio Lower Upper

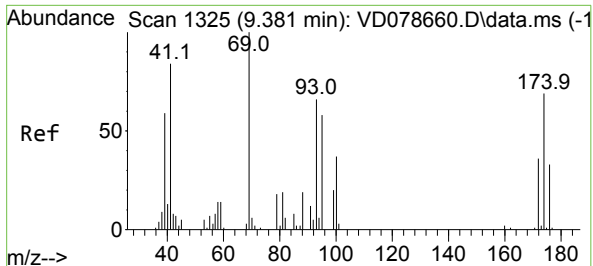
41 100

39 0.0 39.8 59.6#

67 0.0 83.5 125.3#

52 0.0 30.3 45.5#

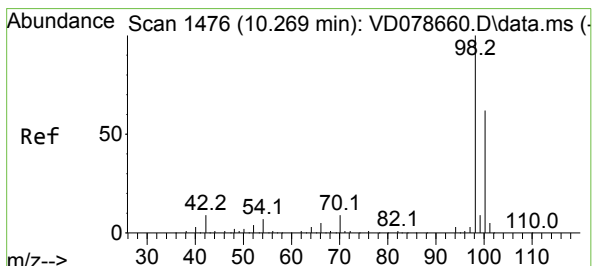
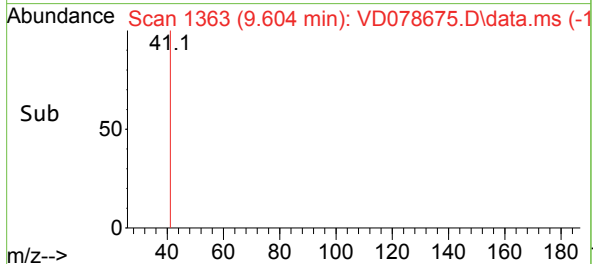
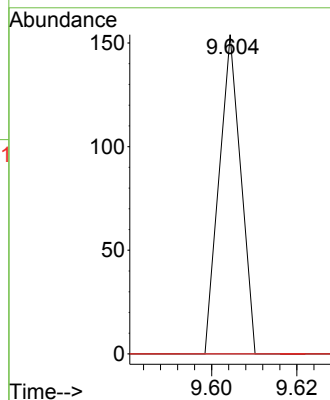
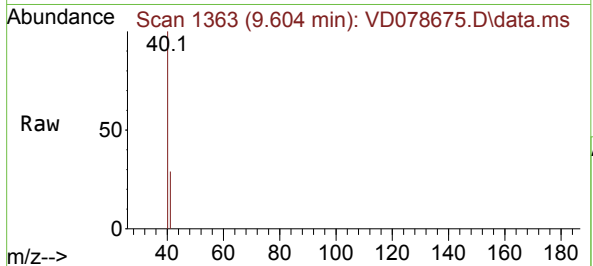




#48
Methyl methacrylate
Concen: 10.582 ug/l
RT: 9.604 min Scan# 11
Delta R.T. 0.223 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

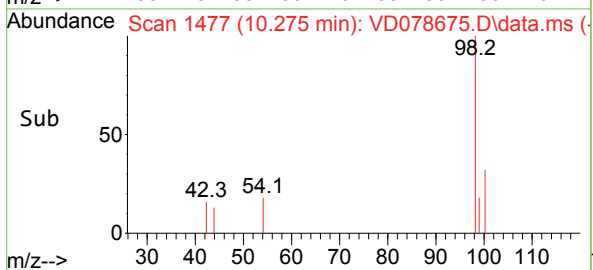
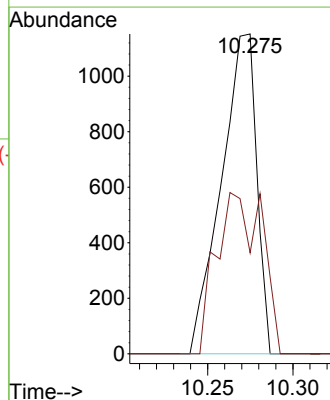
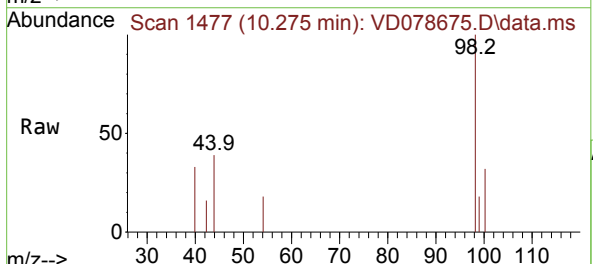
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SB-04-2.0-4.0

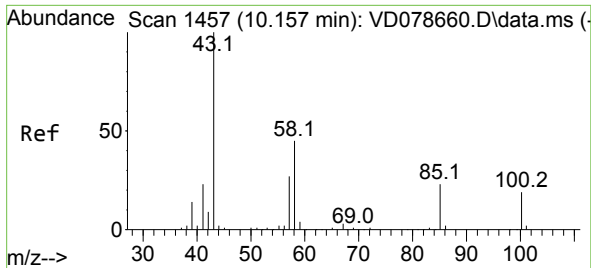
Tgt Ion: 41 Resp: 54
Ion Ratio Lower Upper
41 100
69 0.0 88.3 132.5#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 37.219 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion: 98 Resp: 1663
Ion Ratio Lower Upper
98 100
100 65.1 50.5 75.7

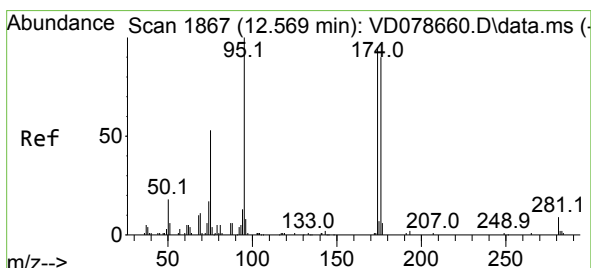
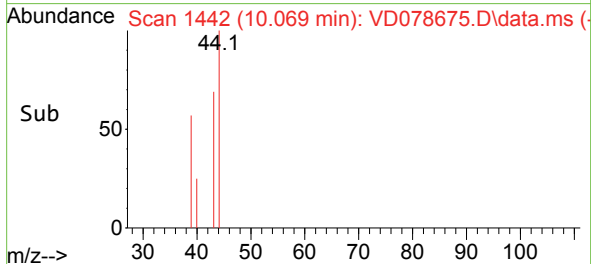
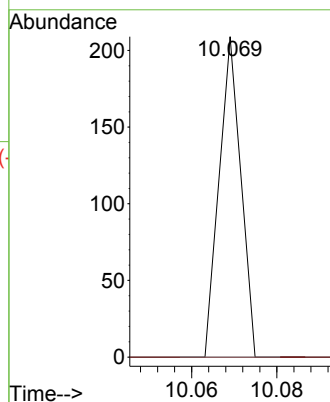
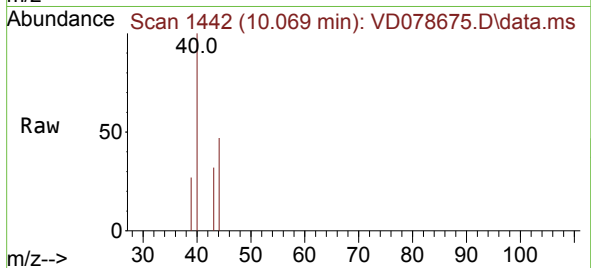




#51
4-Methyl-2-Pentanone
Concen: 13.515 ug/l
RT: 10.069 min Scan# 1442
Delta R.T. -0.088 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

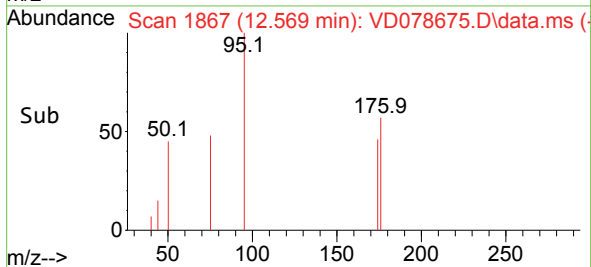
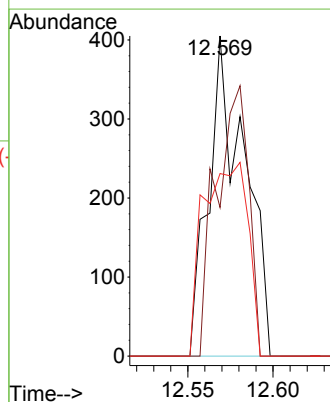
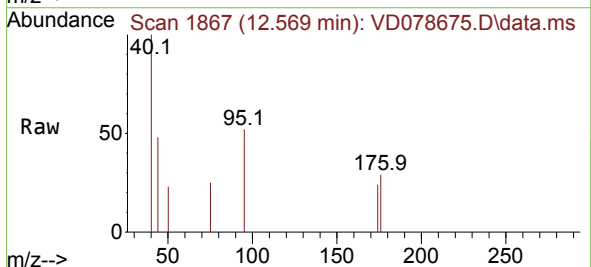
Instrument :
MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

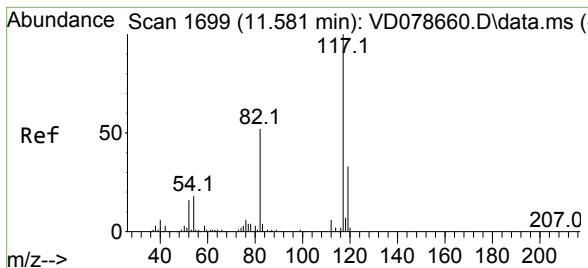
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
58 0.0 36.4 54.6#



#62
4-Bromofluorobenzene
Concen: 45.364 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion: 95 Resp: 593
Ion Ratio Lower Upper
95 100
174 76.1 0.0 195.2
176 74.7 0.0 188.2

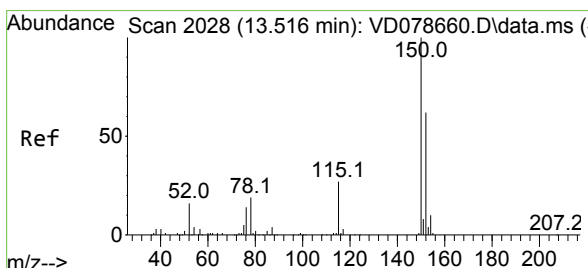
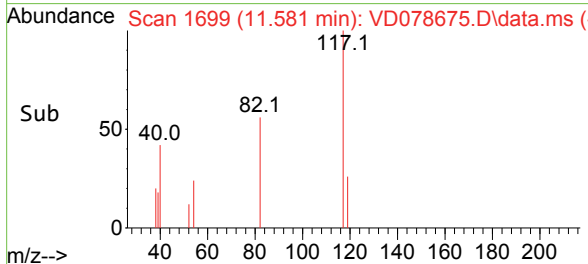
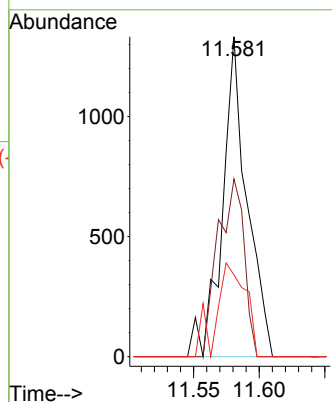
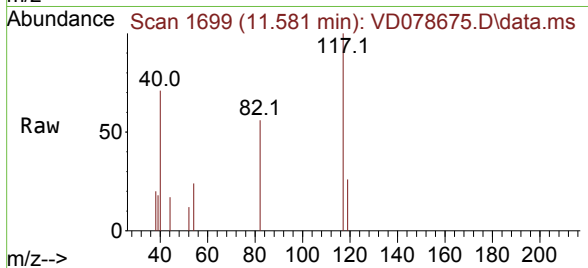




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

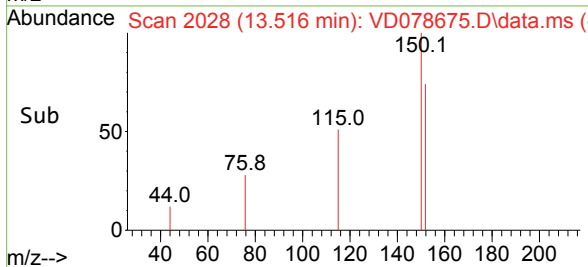
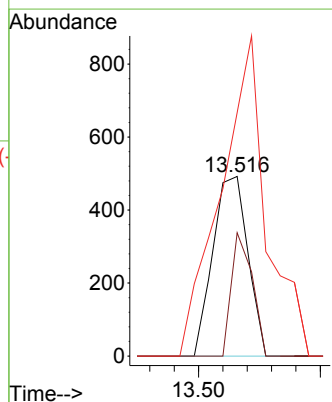
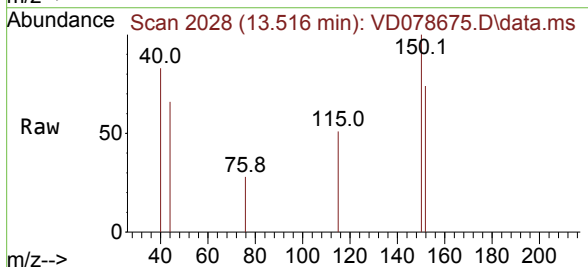
Instrument :
MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

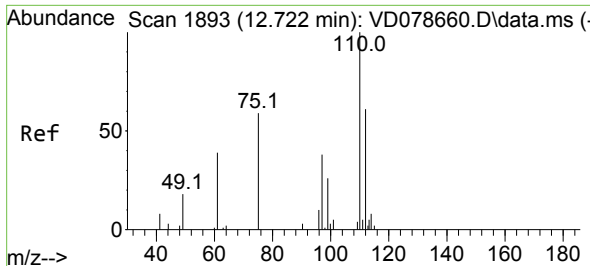
Tgt Ion:117 Resp: 1735
Ion Ratio Lower Upper
117 100
82 55.6 41.4 62.2
119 25.5 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion:152 Resp: 490
Ion Ratio Lower Upper
152 100
115 41.0 27.1 81.2
150 232.9 0.0 350.2

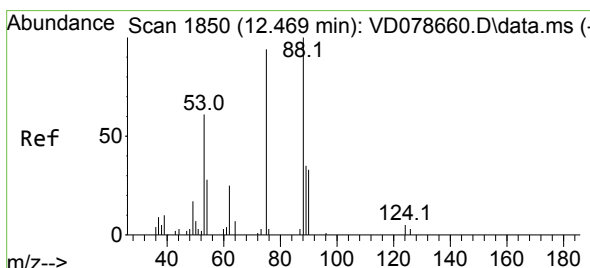
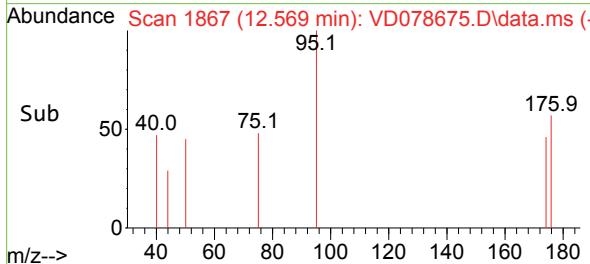
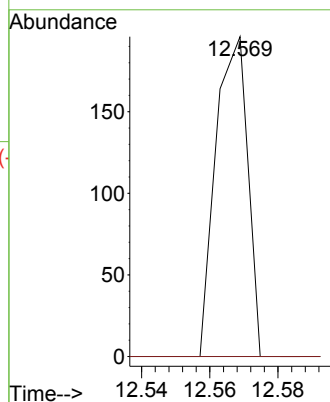
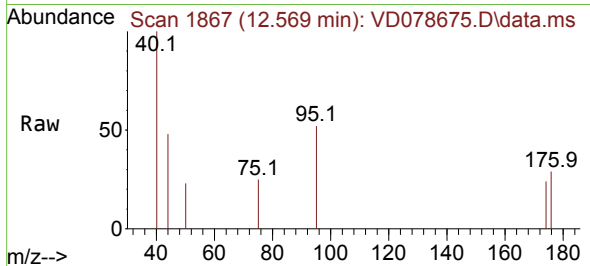




#76
1,2,3-Trichloropropane
Concen: 33.641 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Instrument :
MSVOA_D
ClientSampleId :
SB-04-2.0-4.0

Tgt Ion: 75 Resp: 127
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 70.517 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078675.D
Acq: 14 Mar 2024 19:07

Tgt Ion: 75 Resp: 127
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

