

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078673.D
 Acq On : 14 Mar 2024 18:12
 Operator : RP/MD
 Sample : P1746-08
 Misc : 5.10G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-0-2.0

Quant Time: Mar 15 05:51:54 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)

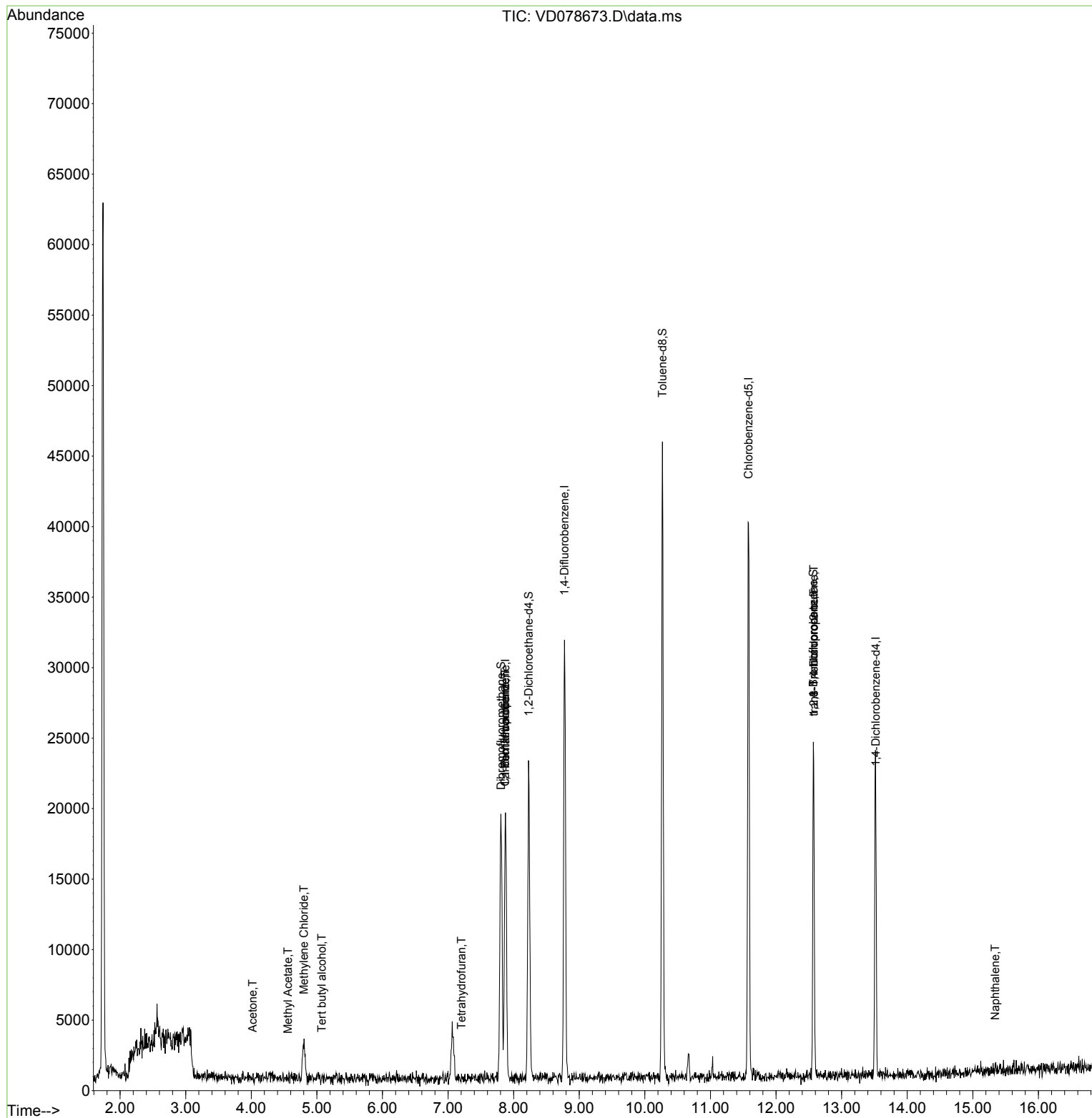
Internal Standards						
1) Pentafluorobenzene	7.875	168	14887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	29847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	25357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	7160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	16484	118.152	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 236.300%#			
35) Dibromofluoromethane	7.810	113	13758	71.593	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 143.180%			
50) Toluene-d8	10.269	98	31065	43.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.920%			
62) 4-Bromofluorobenzene	12.569	95	6847	33.116	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 66.240%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	5.075	59	59	9.450	ug/l #	75
16) Acetone	4.022	43	79	2.928	ug/l #	39
18) Methyl Acetate	4.558	43	59	1.019	ug/l #	43
20) Methylene Chloride	4.805	84	1445	3.307	ug/l #	79
29) Tetrahydrofuran	7.204	42	60	3.076	ug/l #	25
36) 1,1-Dichloropropene	7.869	75	1350	4.842	ug/l #	40
38) Carbon Tetrachloride	7.869	117	1595	5.426	ug/l #	11
76) 1,2,3-Trichloropropane	12.575	75	3448	62.505	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3448	131.021	ug/l #	19
95) Naphthalene	15.339	128	230	1.067	ug/l #	70

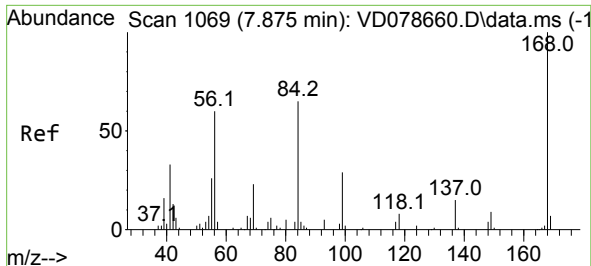
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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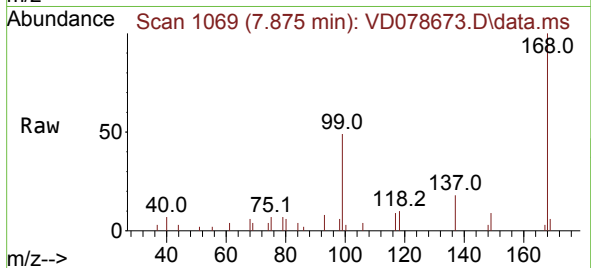
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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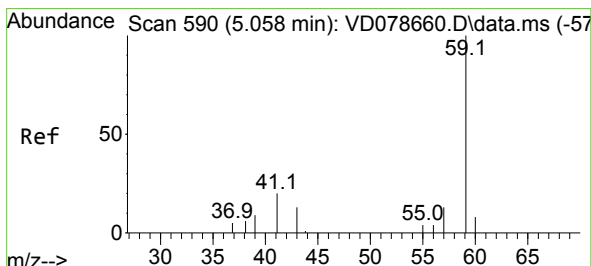
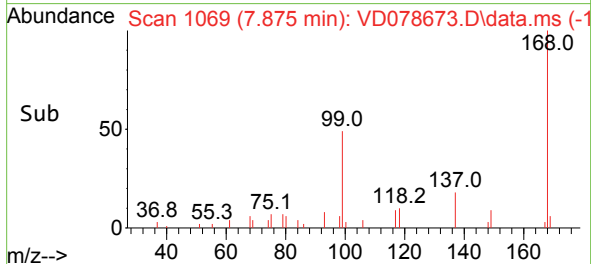
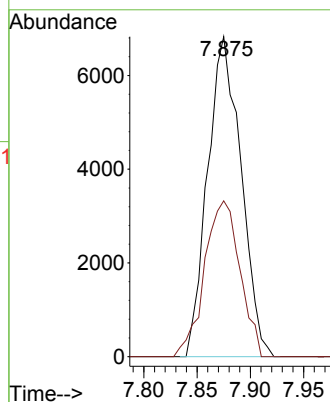


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

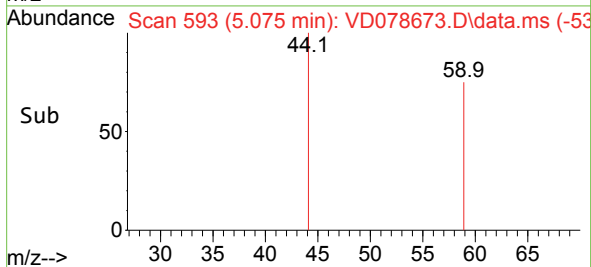
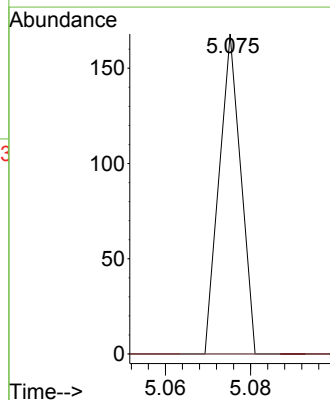
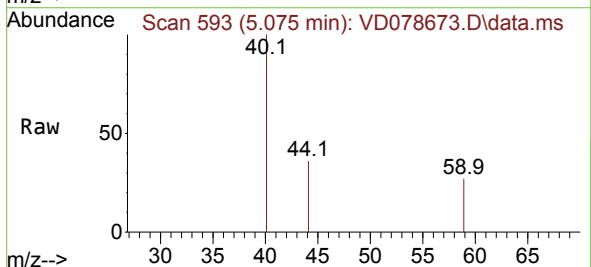


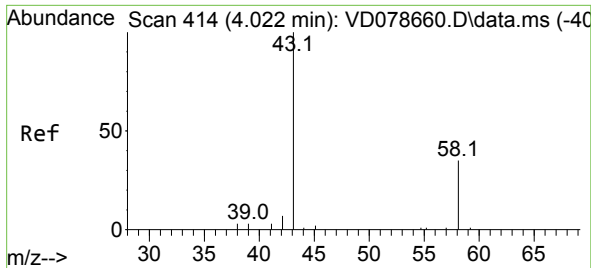
Tgt Ion:168 Resp: 14887
Ion Ratio Lower Upper
168 100
99 48.7 38.8 58.2



#11
Tert butyl alcohol
Concen: 9.450 ug/l
RT: 5.075 min Scan# 593
Delta R.T. 0.018 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

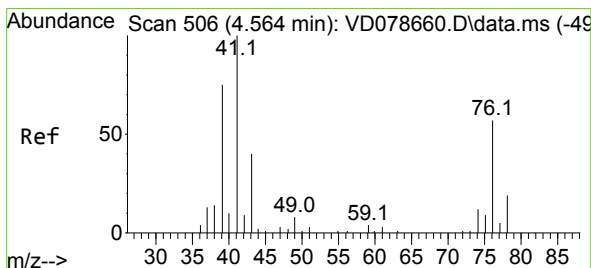
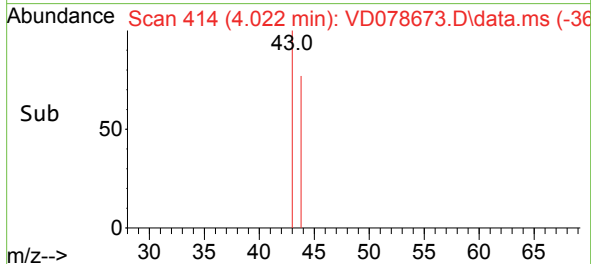
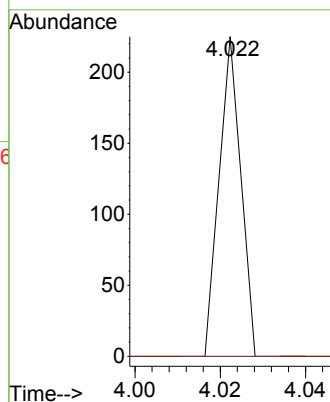
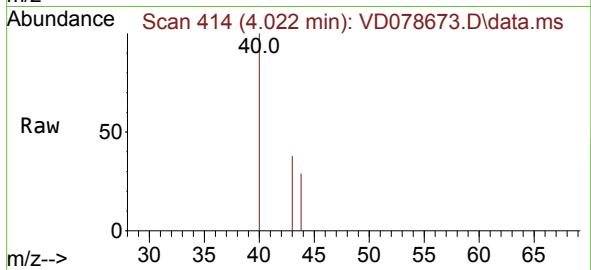




#16
Acetone
Concen: 2.928 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

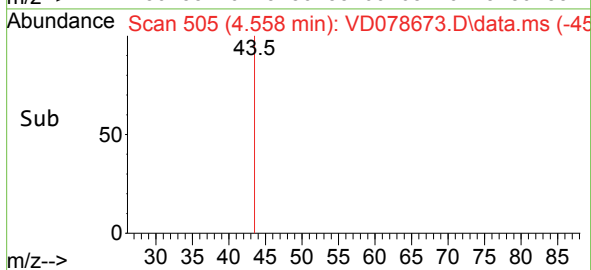
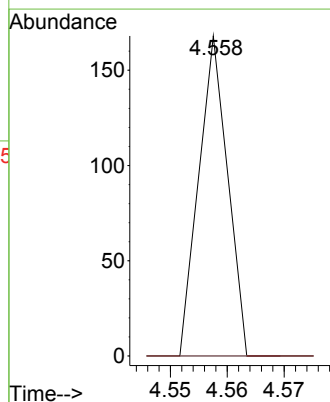
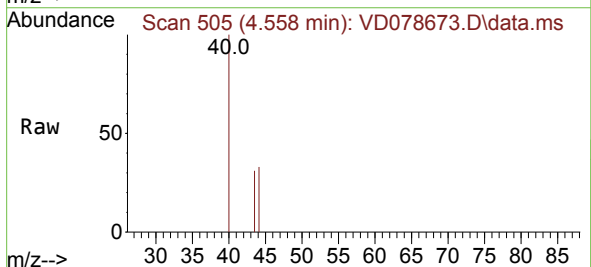
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

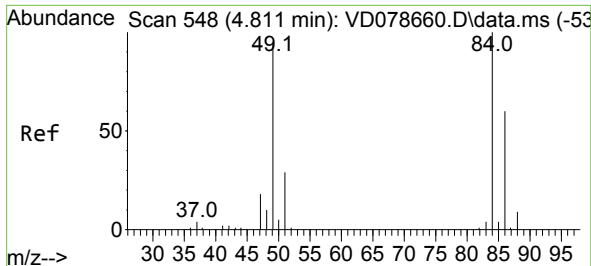
Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#18
Methyl Acetate
Concen: 1.019 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 25.3 37.9#

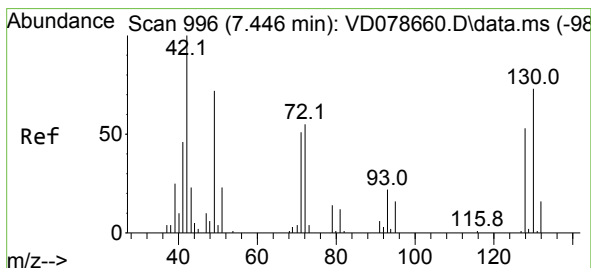
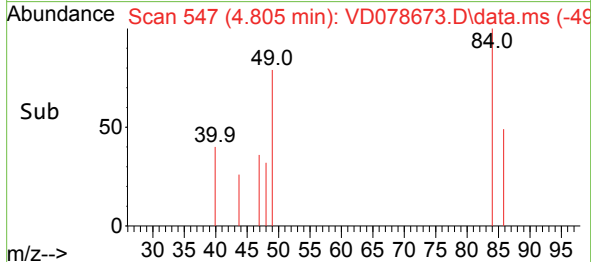
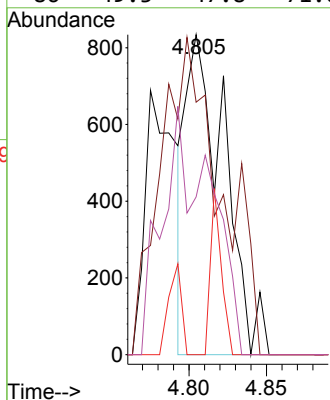
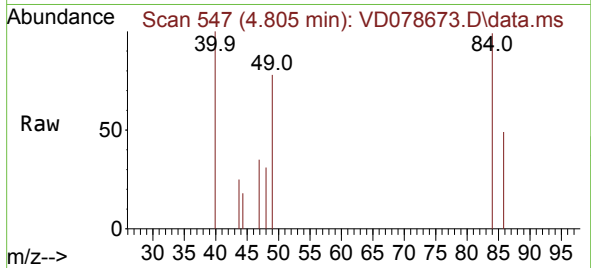




#20
Methylene Chloride
Concen: 3.307 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

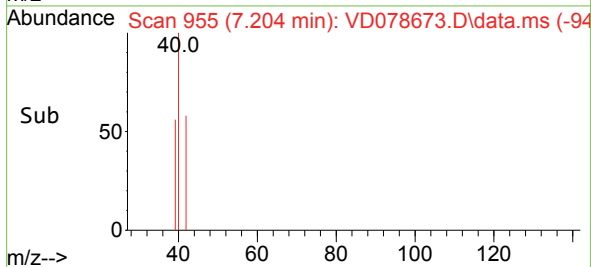
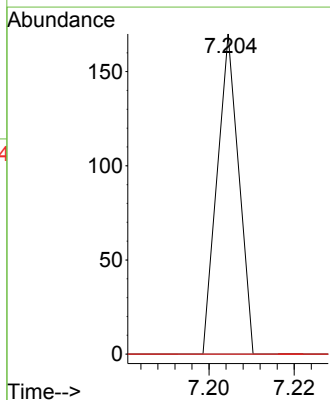
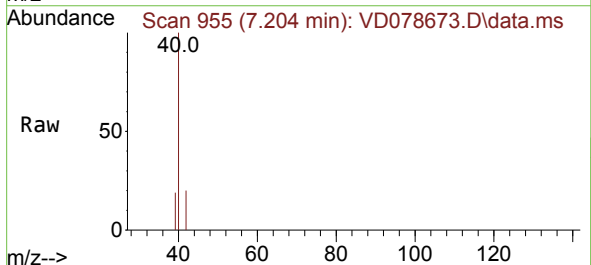
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

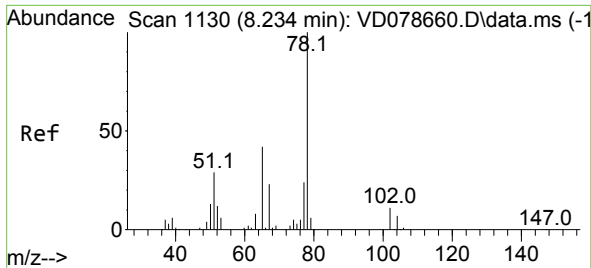
Tgt Ion:	84	Resp:	1445
Ion	Ratio	Lower	Upper
84	100		
49	78.9	75.6	113.4
51	0.0	23.4	35.0#
86	49.3	47.8	71.6



#29
Tetrahydrofuran
Concen: 3.076 ug/l
RT: 7.204 min Scan# 955
Delta R.T. -0.241 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion:	42	Resp:	60
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.8	65.6#
71	0.0	42.0	63.0#





#33

1,2-Dichloroethane-d4

Concen: 118.152 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

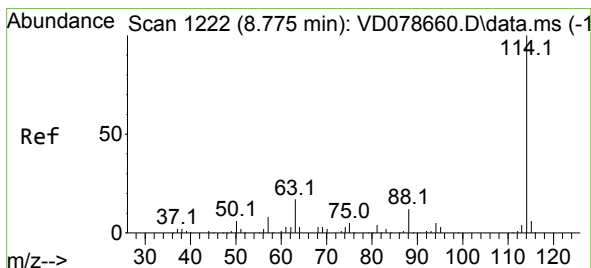
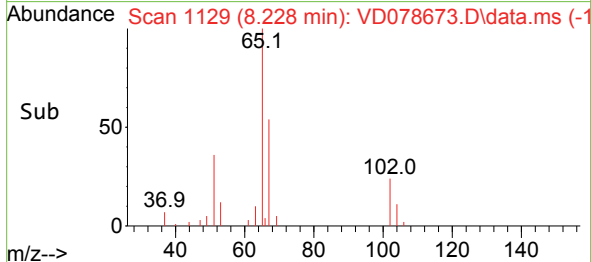
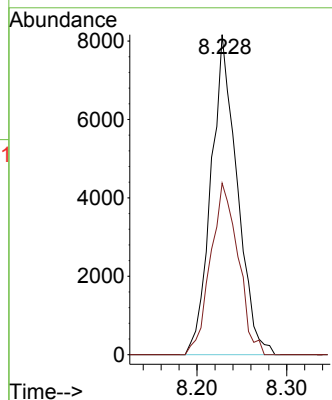
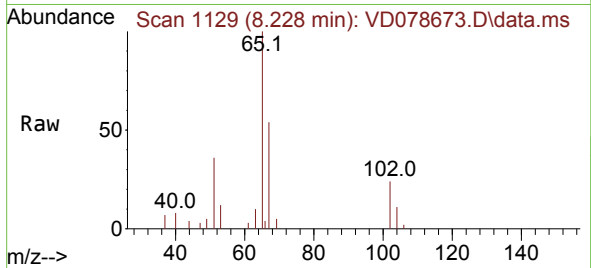
SB-03-0-2.0

Tgt Ion: 65 Resp: 16484

Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

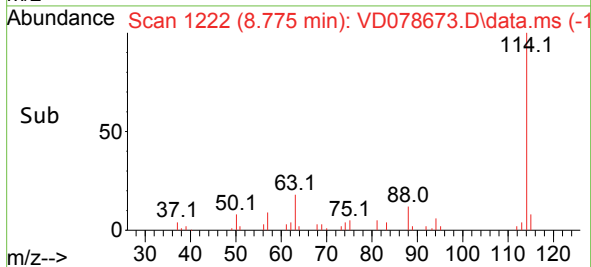
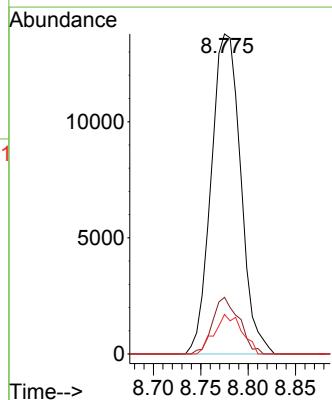
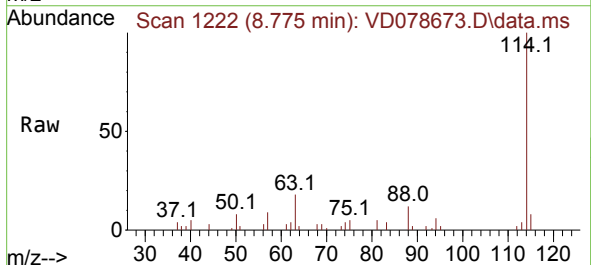
Tgt Ion: 114 Resp: 29847

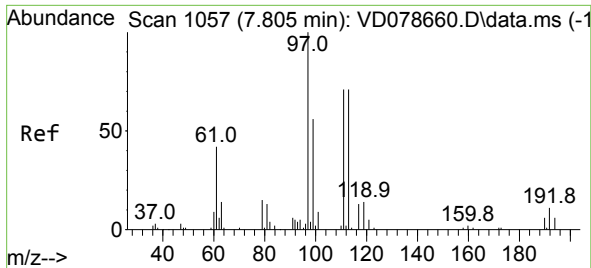
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 12.3 0.0 24.6

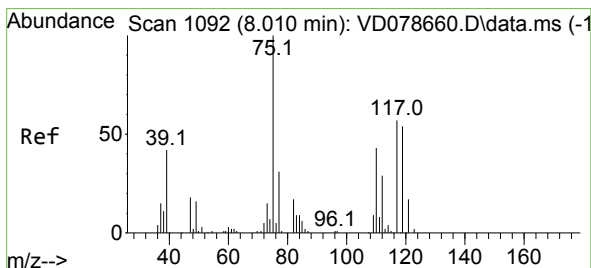
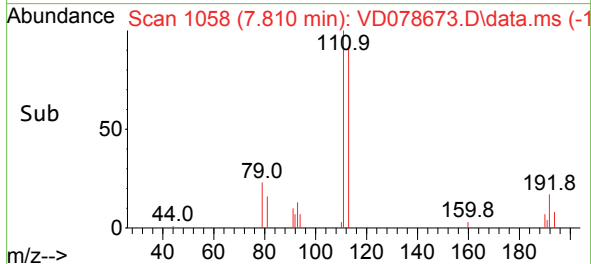
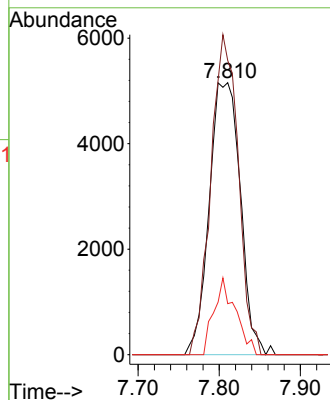
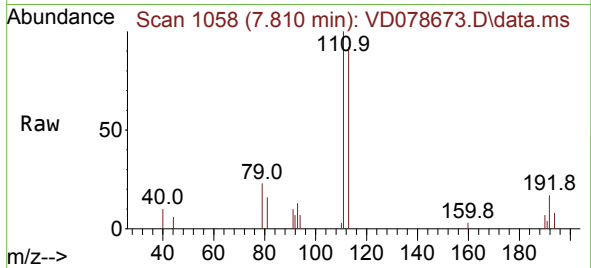




#35
Dibromofluoromethane
Concen: 71.593 ug/l
RT: 7.810 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

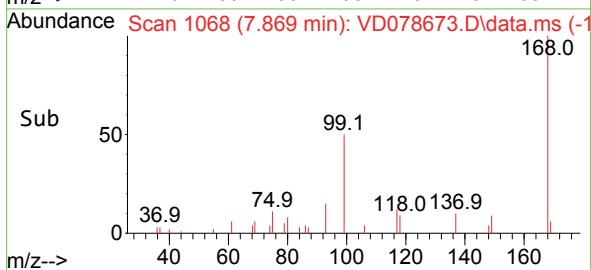
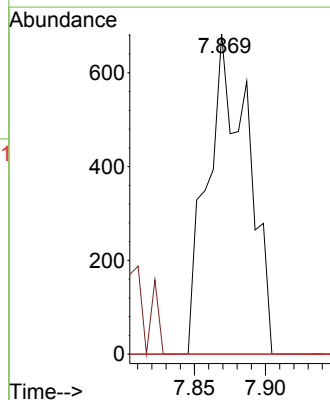
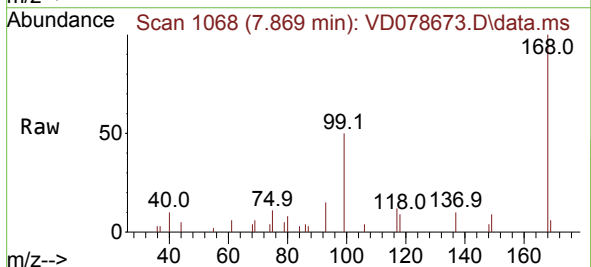
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

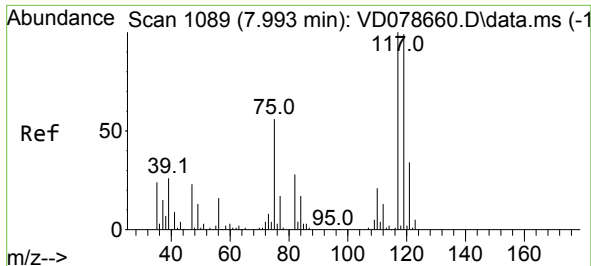
Tgt Ion:113 Resp: 13758
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 19.6 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.842 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

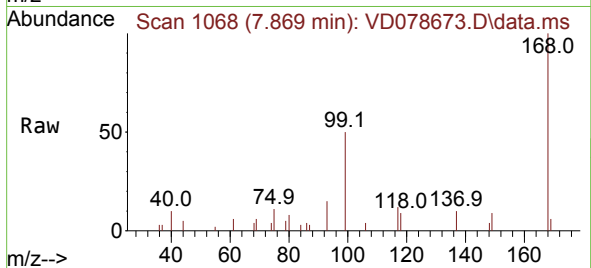
Tgt Ion: 75 Resp: 1350
Ion Ratio Lower Upper
75 100
110 0.0 19.1 57.1#
77 0.0 25.4 38.2#



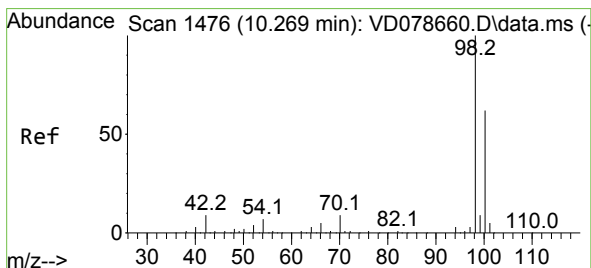
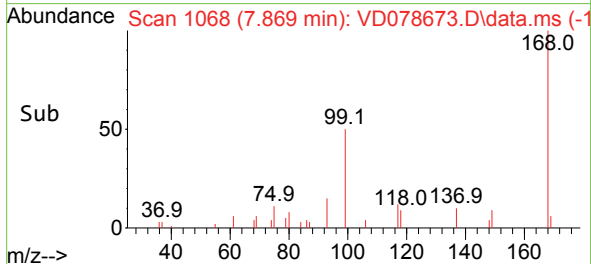
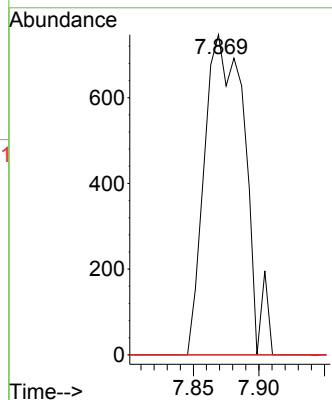


#38
Carbon Tetrachloride
Concen: 5.426 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

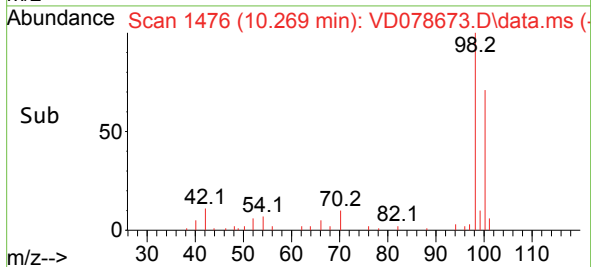
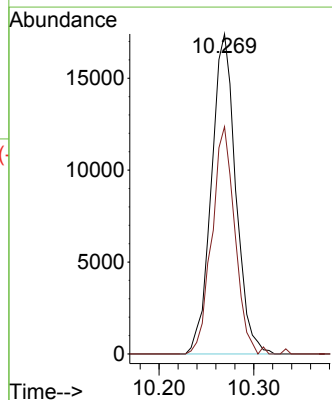
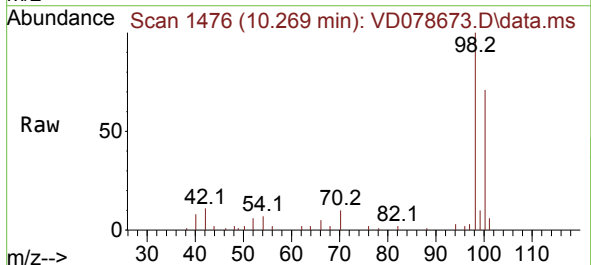


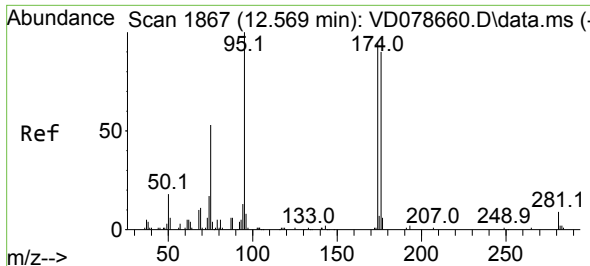
Tgt Ion:117 Resp: 1595
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 43.955 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion: 98 Resp: 31065
Ion Ratio Lower Upper
98 100
100 67.1 50.5 75.7

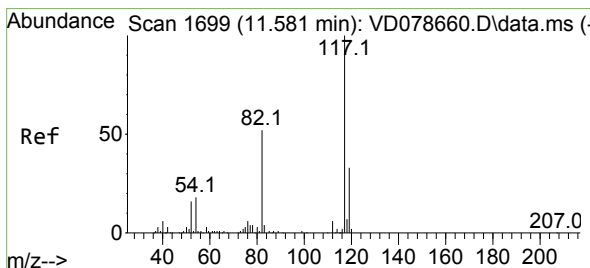
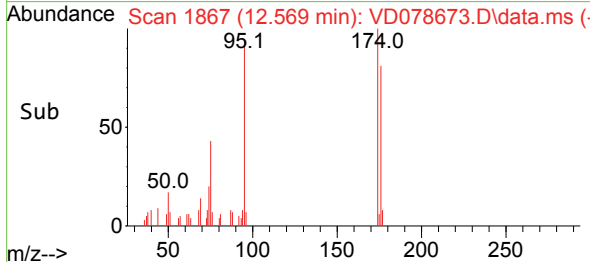
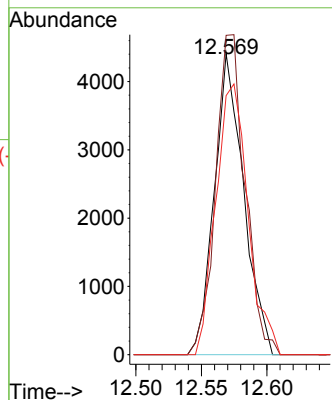
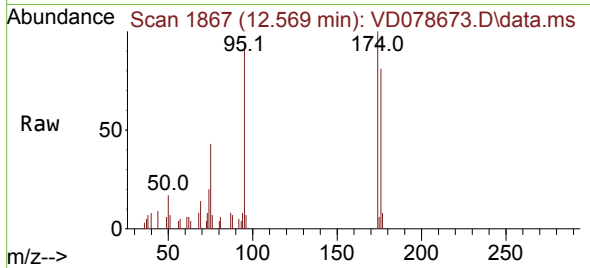




#62
4-Bromofluorobenzene
Concen: 33.116 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

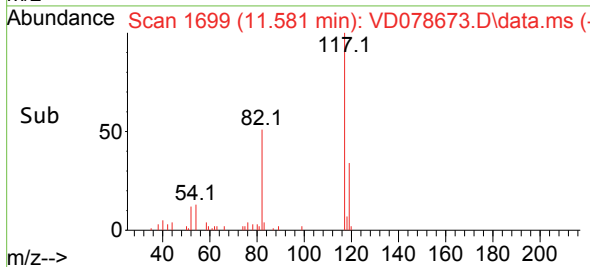
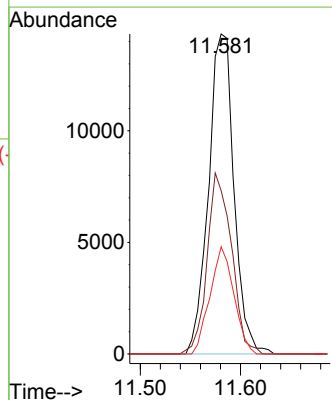
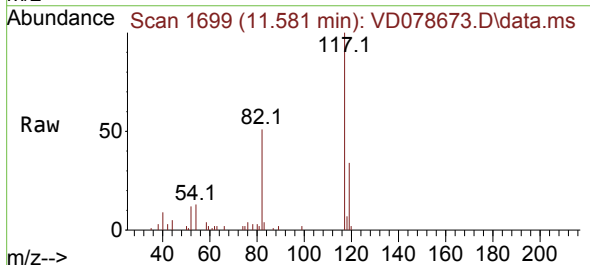
Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

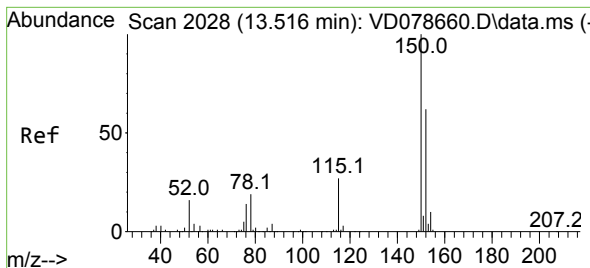
Tgt Ion:	95	Resp:	6847
Ion	Ratio	Lower	Upper
95	100		
174	107.0	0.0	195.2
176	99.1	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion:	117	Resp:	25357
Ion	Ratio	Lower	Upper
117	100		
82	51.0	41.4	62.2
119	33.5	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 20

Delta R.T. 0.006 min

Lab File: VD078673.D

Acq: 14 Mar 2024 18:12

Instrument :

MSVOA_D

ClientSampleId :

SB-03-0-2.0

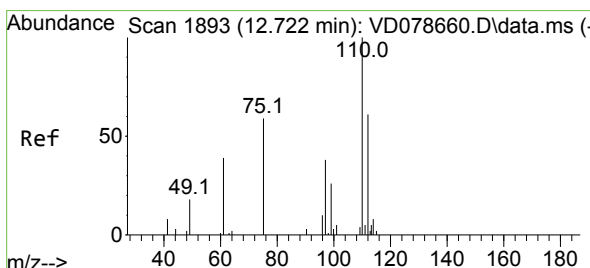
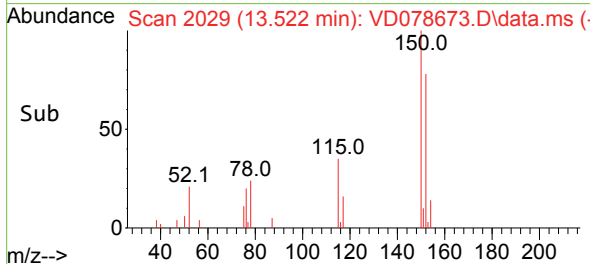
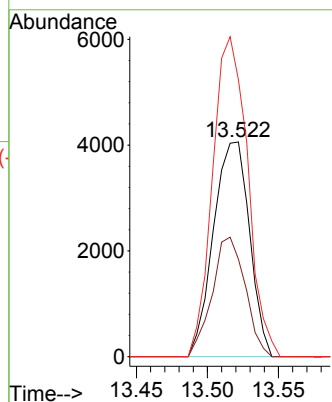
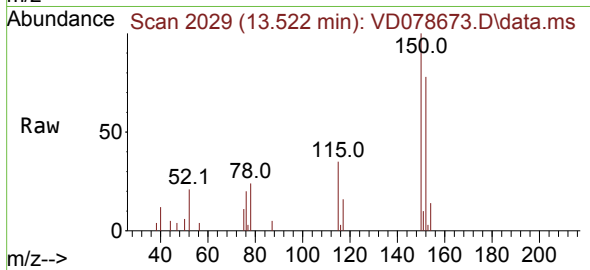
Tgt Ion:152 Resp: 7160

Ion Ratio Lower Upper

152 100

115 51.2 27.1 81.2

150 144.5 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 62.505 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078673.D

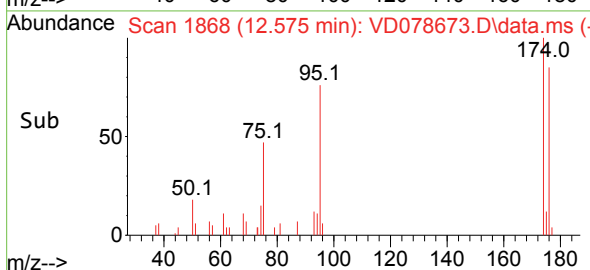
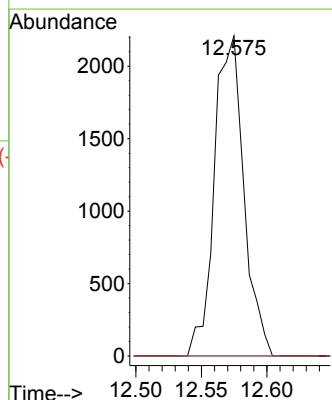
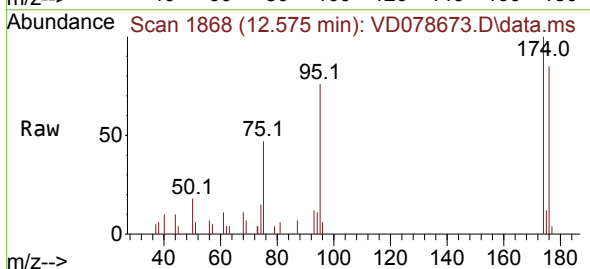
Acq: 14 Mar 2024 18:12

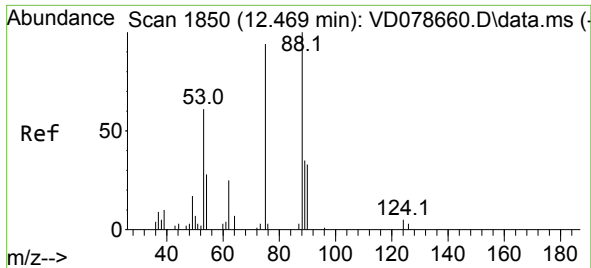
Tgt Ion: 75 Resp: 3448

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

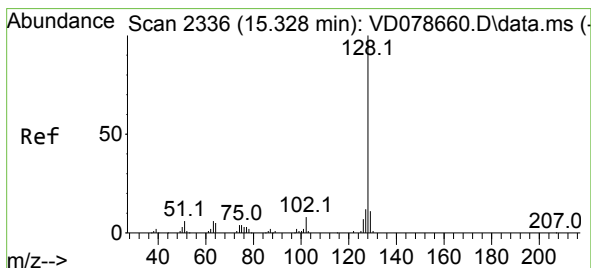
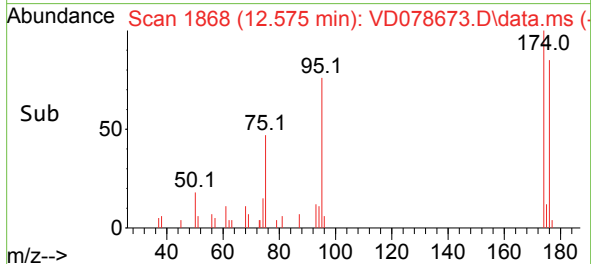
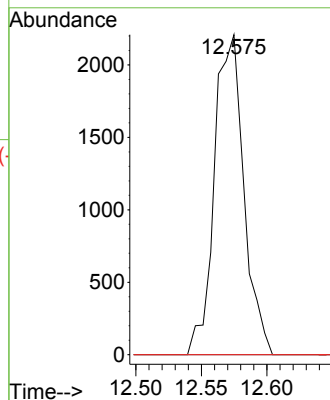
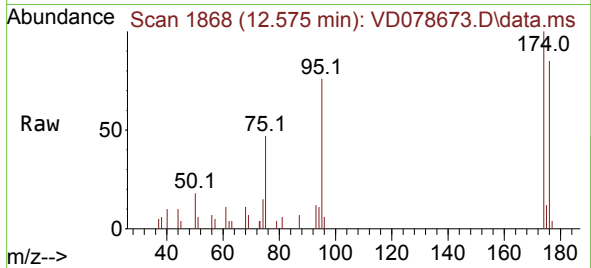




#81
trans-1,4-Dichloro-2-butene
Concen: 131.021 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Instrument :
MSVOA_D
ClientSampleId :
SB-03-0-2.0

Tgt Ion: 75 Resp: 3448
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#



#95
Naphthalene
Concen: 1.067 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.012 min
Lab File: VD078673.D
Acq: 14 Mar 2024 18:12

Tgt Ion:128 Resp: 230
Ion Ratio Lower Upper
128 100
127 0.0 9.3 13.9#
129 0.0 8.9 13.3#

