

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078674.D
 Acq On : 14 Mar 2024 18:39
 Operator : RP/MD
 Sample : P1746-09
 Misc : 5.07G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-2.0-3.0

Quant Time: Mar 15 05:52:13 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)

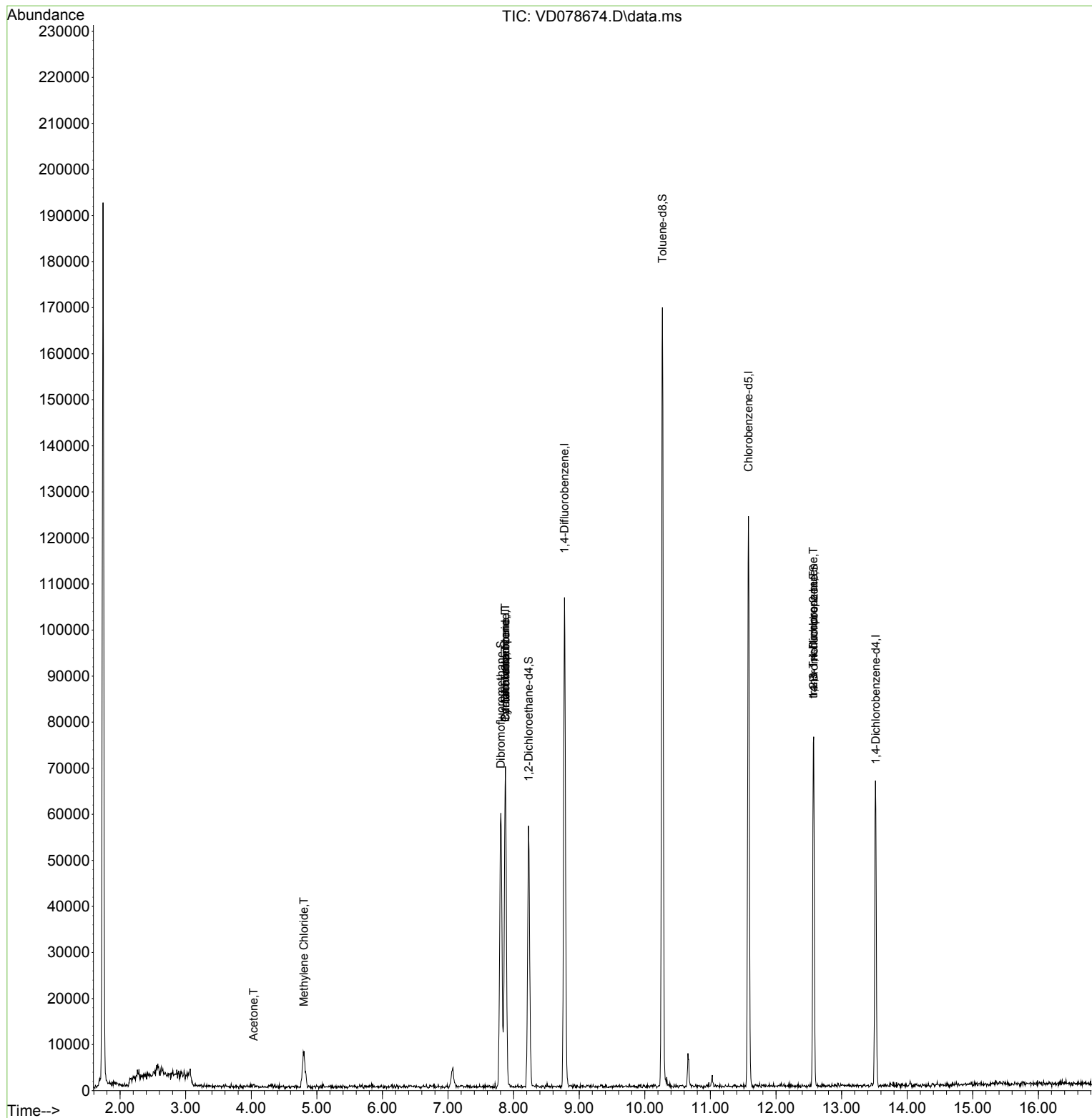
Internal Standards						
1) Pentafluorobenzene	7.875	168	52909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	96688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	75030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	18801	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41793	84.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 168.580%#	
35) Dibromofluoromethane	7.805	113	43544	69.947	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 139.900%	
50) Toluene-d8	10.269	98	119910	52.375	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.740%	
62) 4-Bromofluorobenzene	12.575	95	22603	33.746	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 67.500%	
Target Compounds						Qvalue
16) Acetone	4.034	43	327	3.410	ug/l #	39
20) Methylene Chloride	4.805	84	6497	5.614	ug/l #	95
31) Cyclohexane	7.875	56	1355	1.626	ug/l #	6
36) 1,1-Dichloropropene	7.875	75	4263	4.720	ug/l #	42
38) Carbon Tetrachloride	7.875	117	5739	6.027	ug/l #	11
76) 1,2,3-Trichloropropane	12.569	75	11289	77.936	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	11289	163.366	ug/l #	19

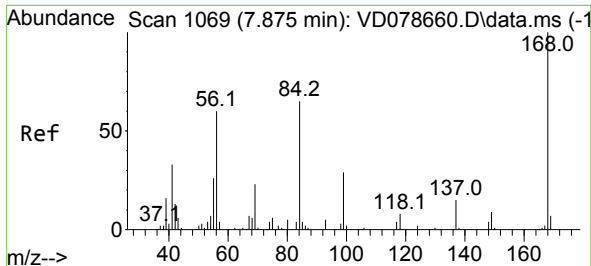
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-03-2.0-3.0

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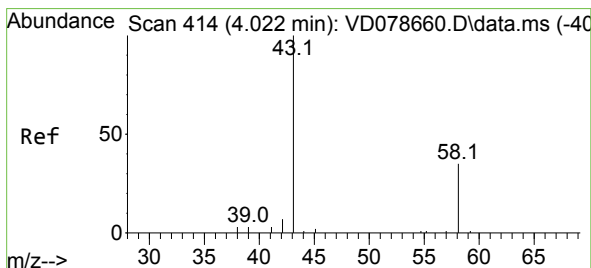
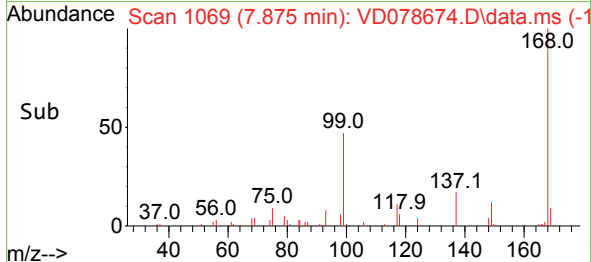
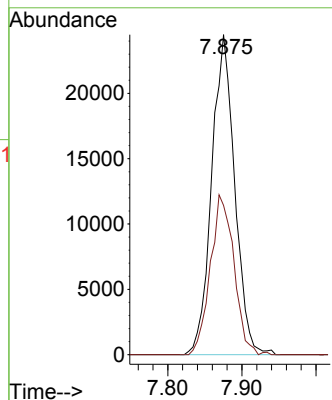
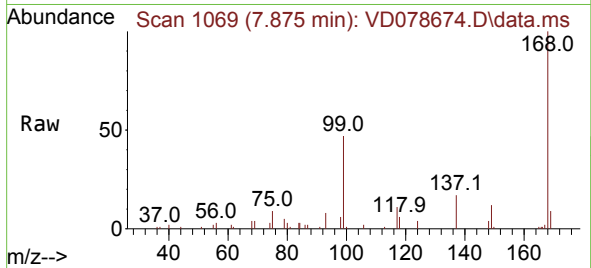




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

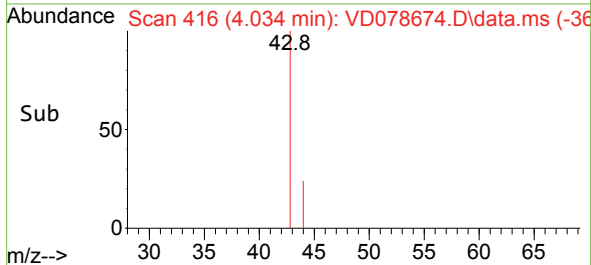
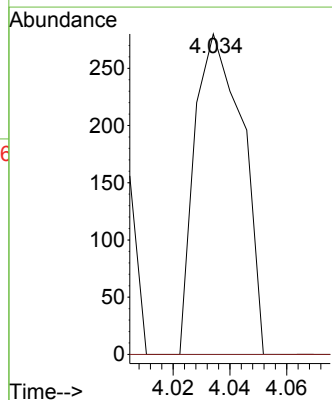
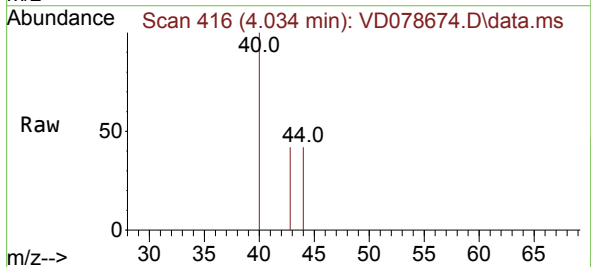
Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

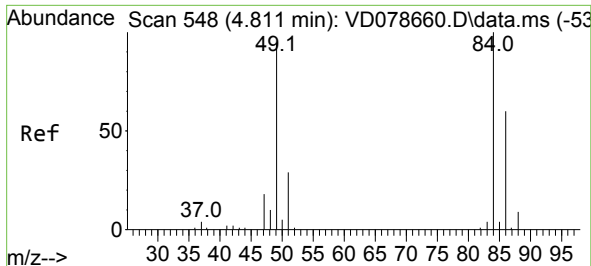
Tgt Ion:168 Resp: 52909
Ion Ratio Lower Upper
168 100
99 46.7 38.8 58.2



#16
Acetone
Concen: 3.410 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Tgt Ion: 43 Resp: 327
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

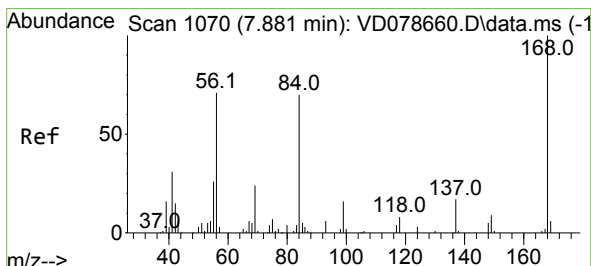
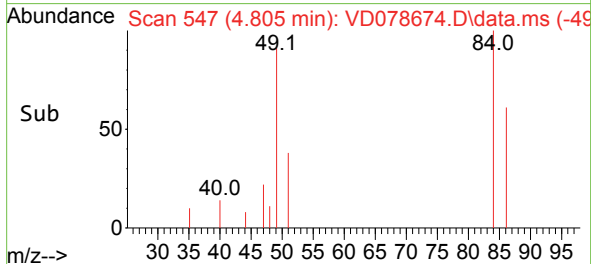
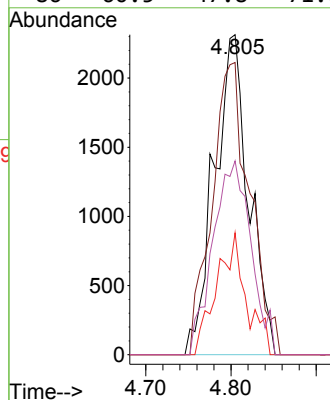
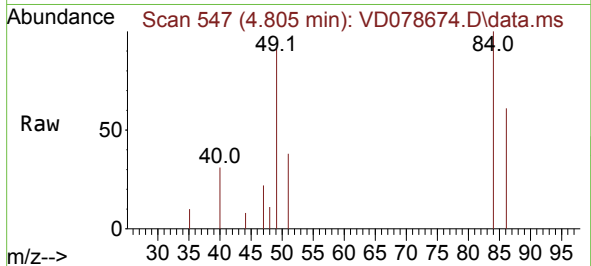




#20
Methylene Chloride
Concen: 5.614 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

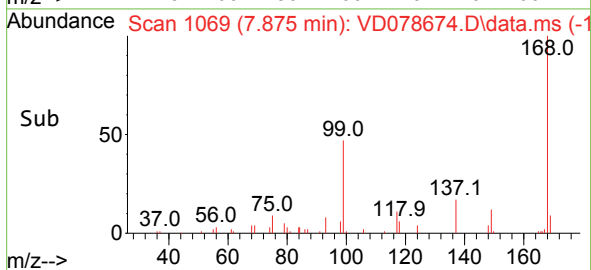
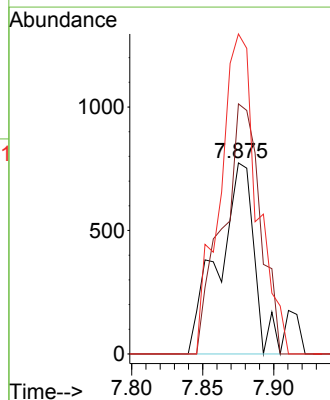
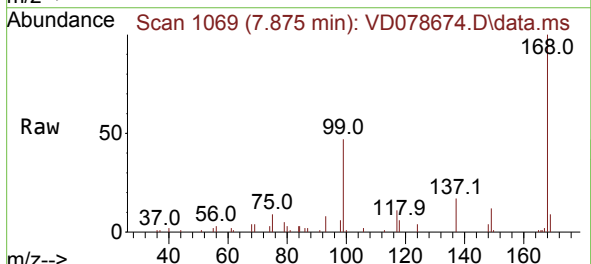
Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

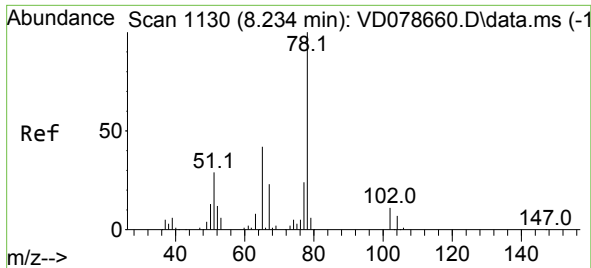
Tgt Ion: 84	Resp: 6497
Ion Ratio	Lower Upper
84 100	
49 91.3	75.6 113.4
51 38.1	23.4 35.0#
86 60.5	47.8 71.6



#31
Cyclohexane
Concen: 1.626 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Tgt Ion: 56	Resp: 1355
Ion Ratio	Lower Upper
56 100	
69 130.9	26.6 40.0#
84 167.4	79.4 119.2#





#33

1,2-Dichloroethane-d4

Concen: 84.287 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078674.D

Acq: 14 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

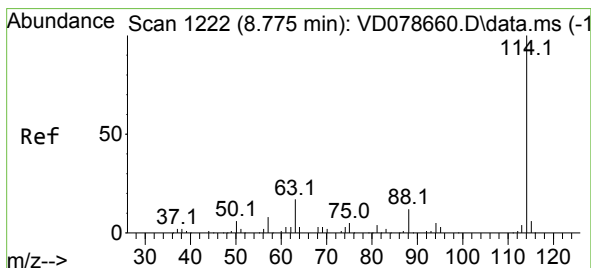
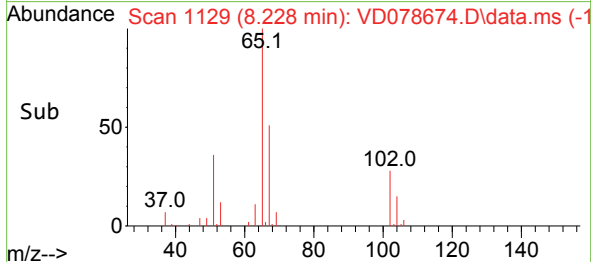
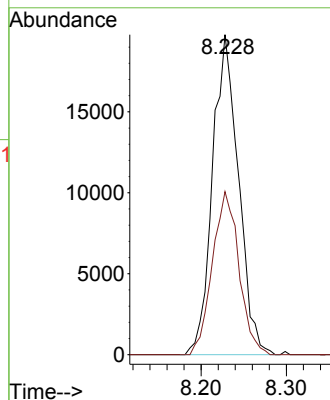
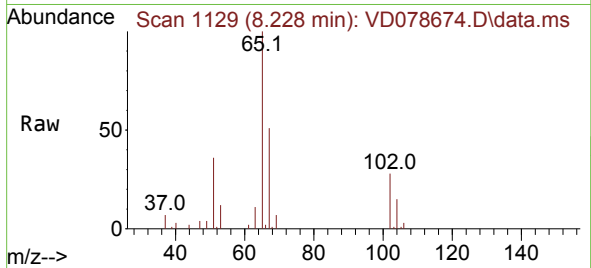
SB-03-2.0-3.0

Tgt Ion: 65 Resp: 41793

Ion Ratio Lower Upper

65 100

67 52.2 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: VD078674.D

Acq: 14 Mar 2024 18:39

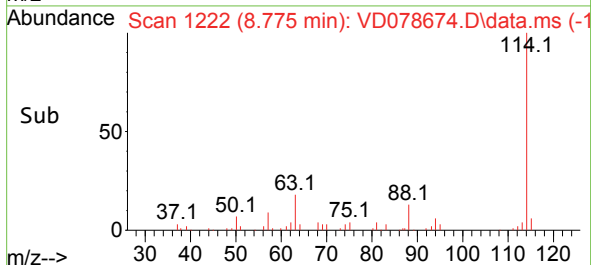
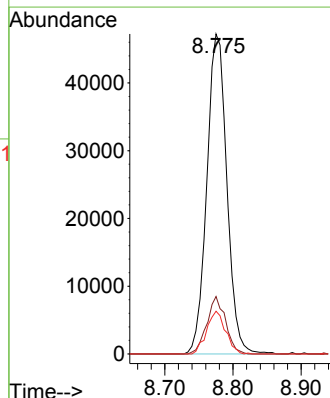
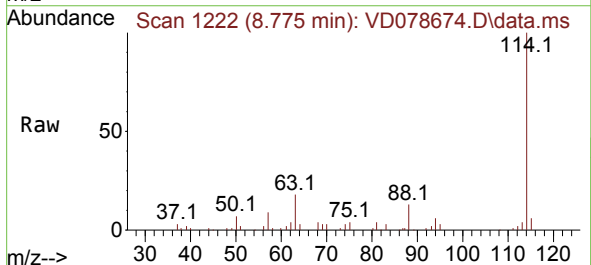
Tgt Ion: 114 Resp: 96688

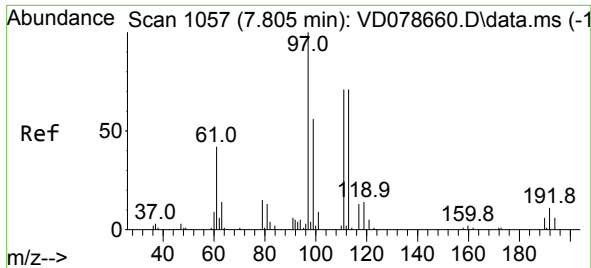
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.3 0.0 24.6

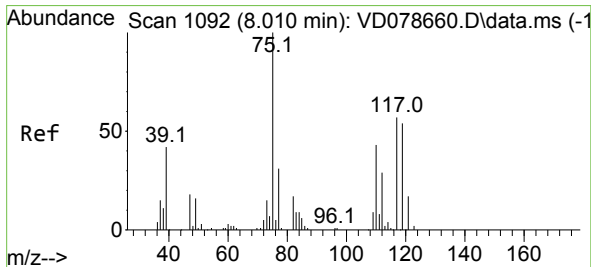
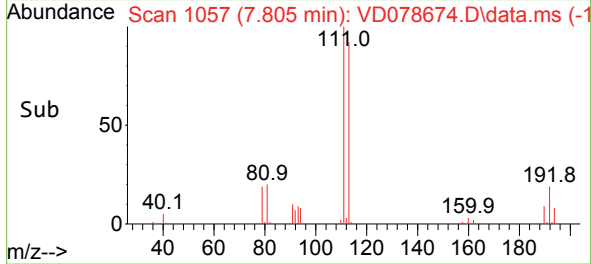
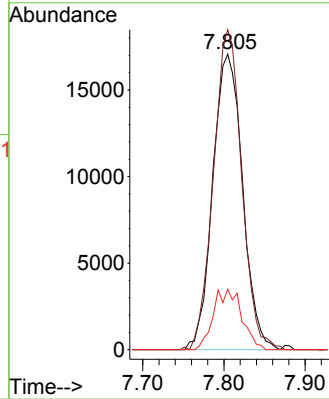
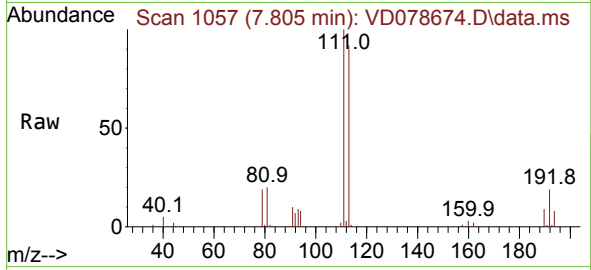




#35
Dibromofluoromethane
Concen: 69.947 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

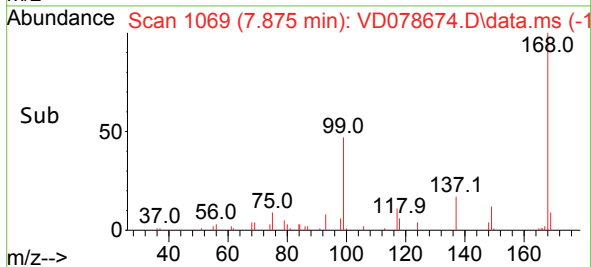
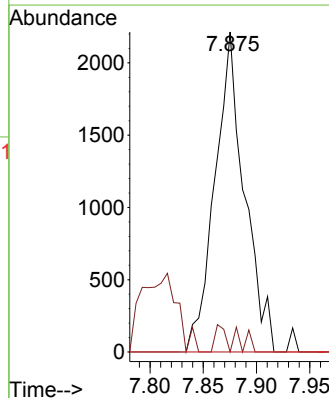
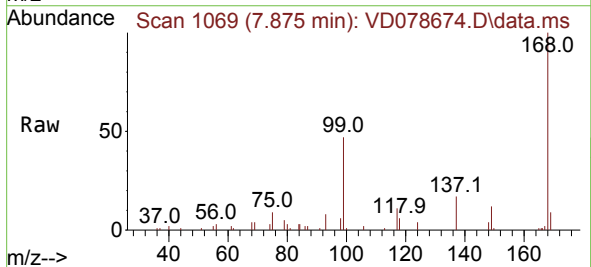
Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

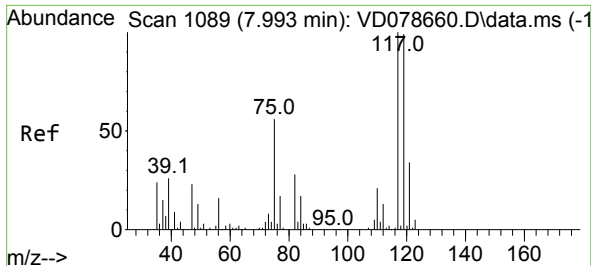
Tgt Ion:113 Resp: 43544
Ion Ratio Lower Upper
113 100
111 103.0 81.9 122.9
192 19.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.720 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

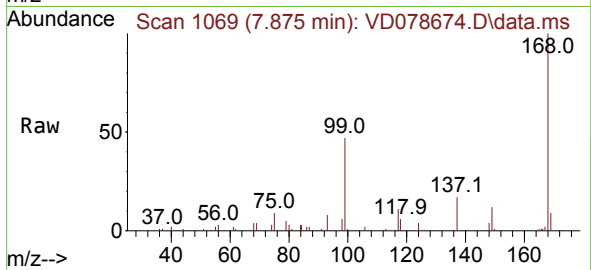
Tgt Ion: 75 Resp: 4263
Ion Ratio Lower Upper
75 100
110 2.7 19.1 57.1#
77 0.0 25.4 38.2#



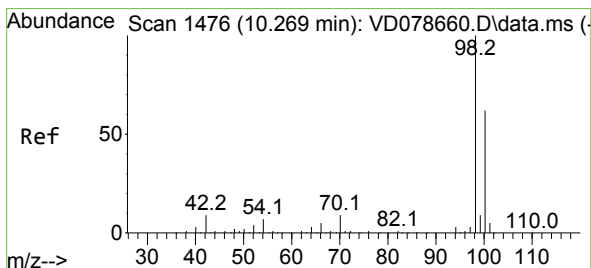
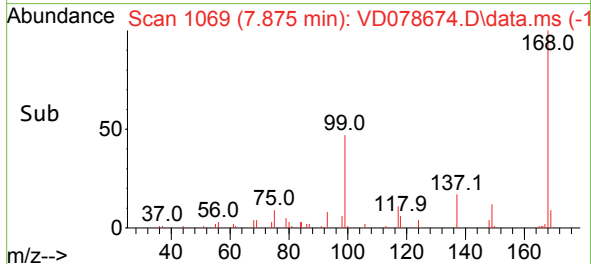
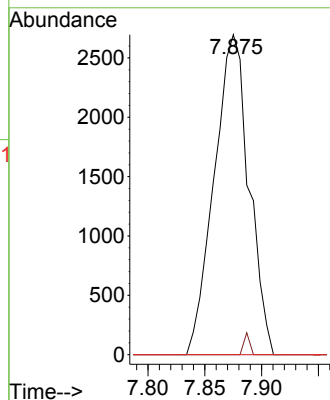


#38
Carbon Tetrachloride
Concen: 6.027 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

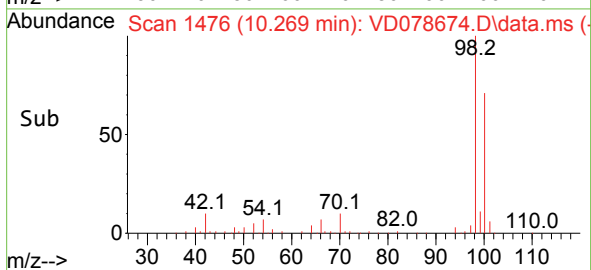
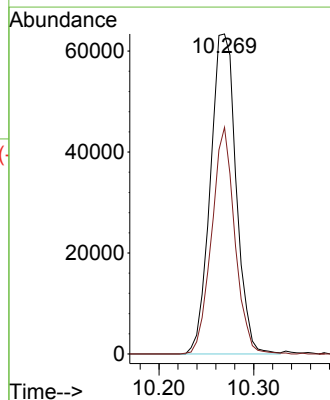
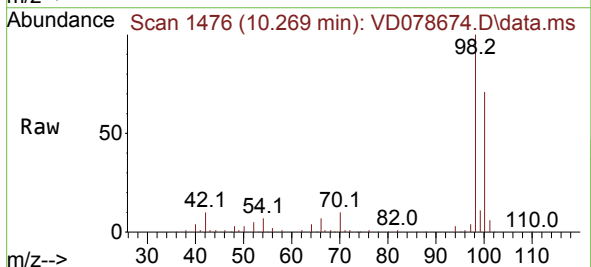


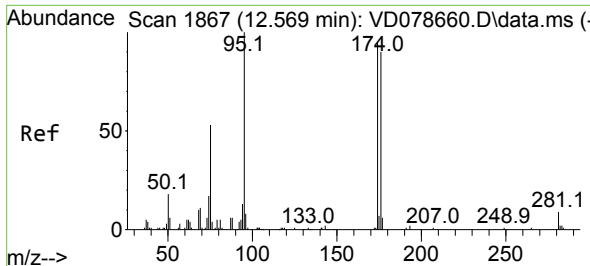
Tgt Ion:117 Resp: 5739
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 52.375 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Tgt Ion: 98 Resp: 119910
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7

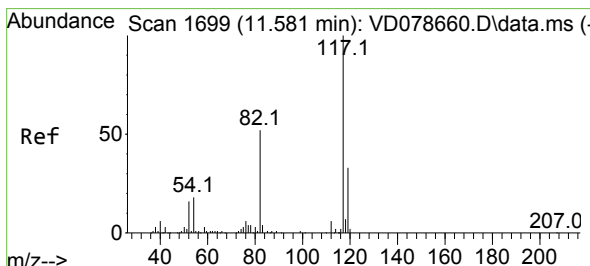
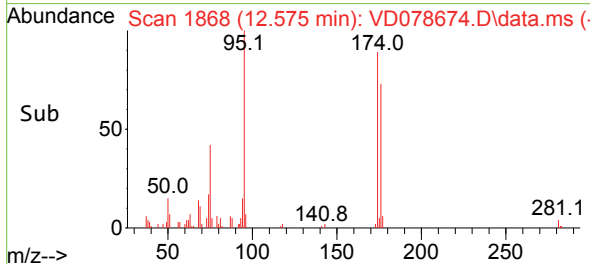
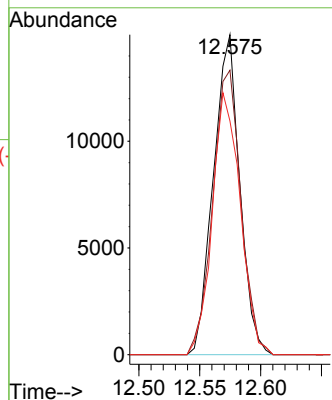
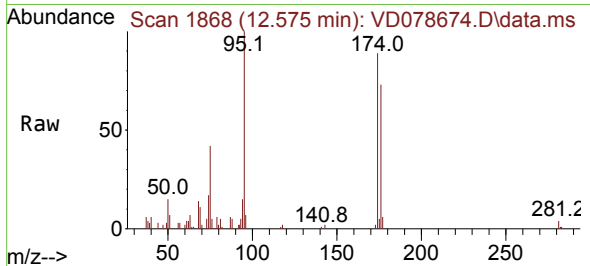




#62
4-Bromofluorobenzene
Concen: 33.746 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

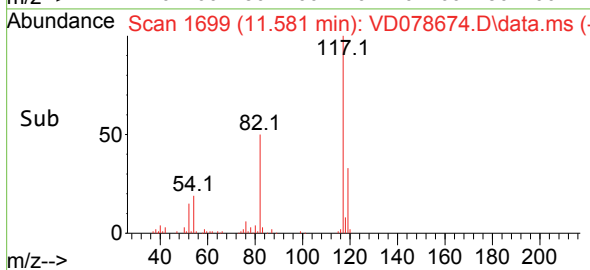
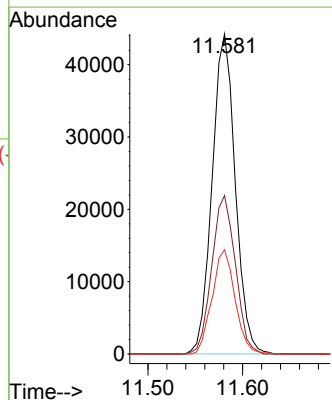
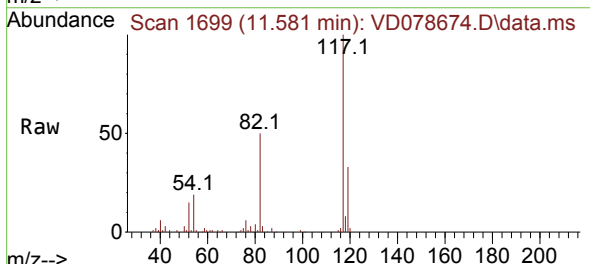
Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0

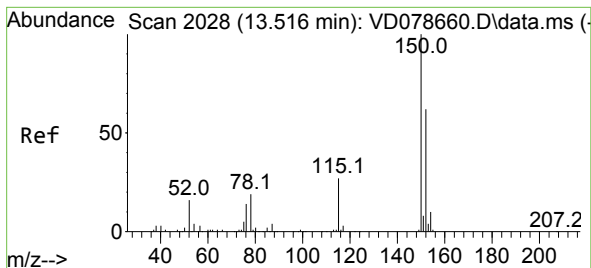
Tgt Ion: 95 Resp: 22603
Ion Ratio Lower Upper
95 100
174 95.0 0.0 195.2
176 87.1 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Tgt Ion: 117 Resp: 75030
Ion Ratio Lower Upper
117 100
82 49.5 41.4 62.2
119 32.6 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: VD078674.D

Acq: 14 Mar 2024 18:39

Instrument :

MSVOA_D

ClientSampleId :

SB-03-2.0-3.0

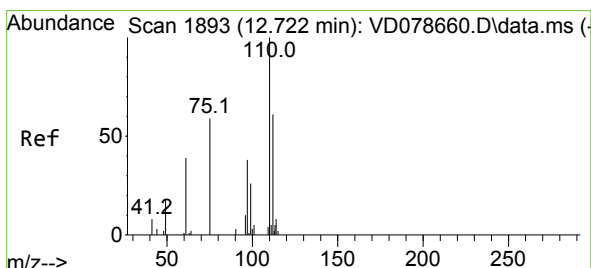
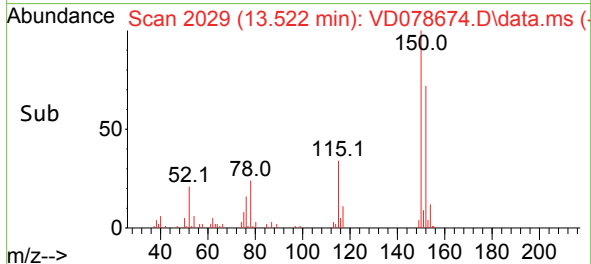
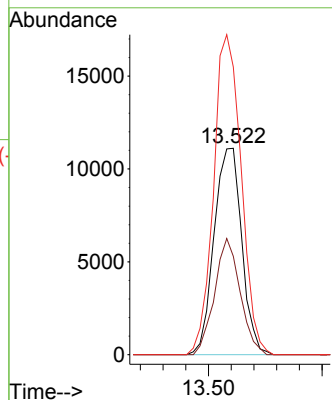
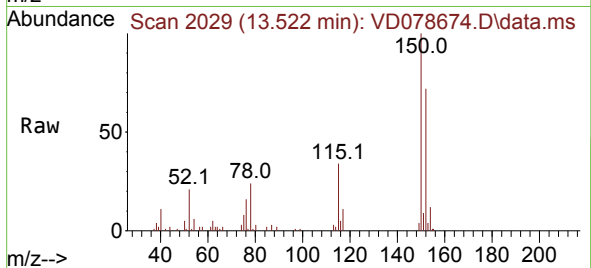
Tgt Ion:152 Resp: 18801

Ion Ratio Lower Upper

152 100

115 52.0 27.1 81.2

150 154.5 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 77.936 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078674.D

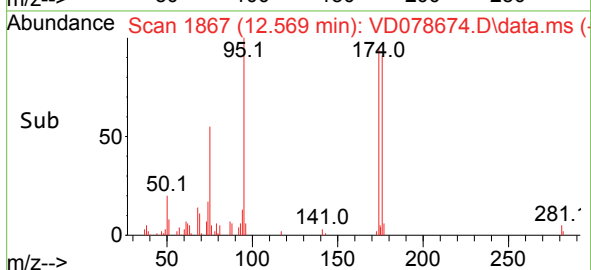
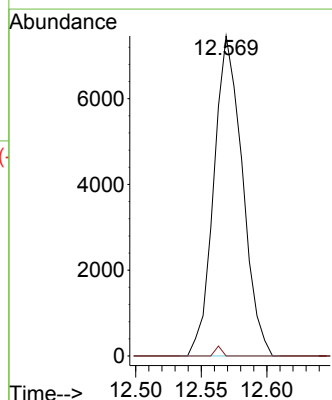
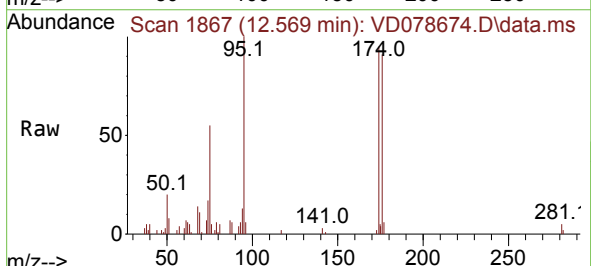
Acq: 14 Mar 2024 18:39

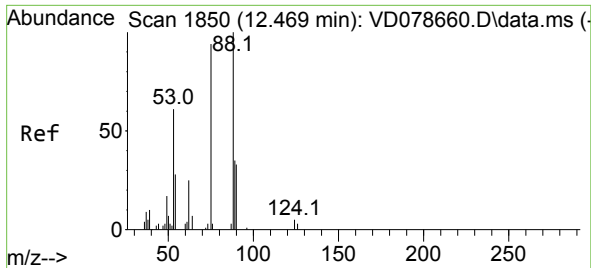
Tgt Ion: 75 Resp: 11289

Ion Ratio Lower Upper

75 100

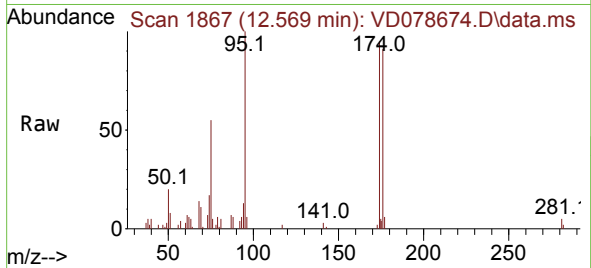
77 0.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 163.366 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078674.D
Acq: 14 Mar 2024 18:39

Instrument :
MSVOA_D
ClientSampleId :
SB-03-2.0-3.0



Tgt Ion:	75	Resp:	11289
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

