

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078731.D
 Acq On : 21 Mar 2024 18:30
 Operator : RP/MD
 Sample : P1830-02
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 22 06:57:50 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)

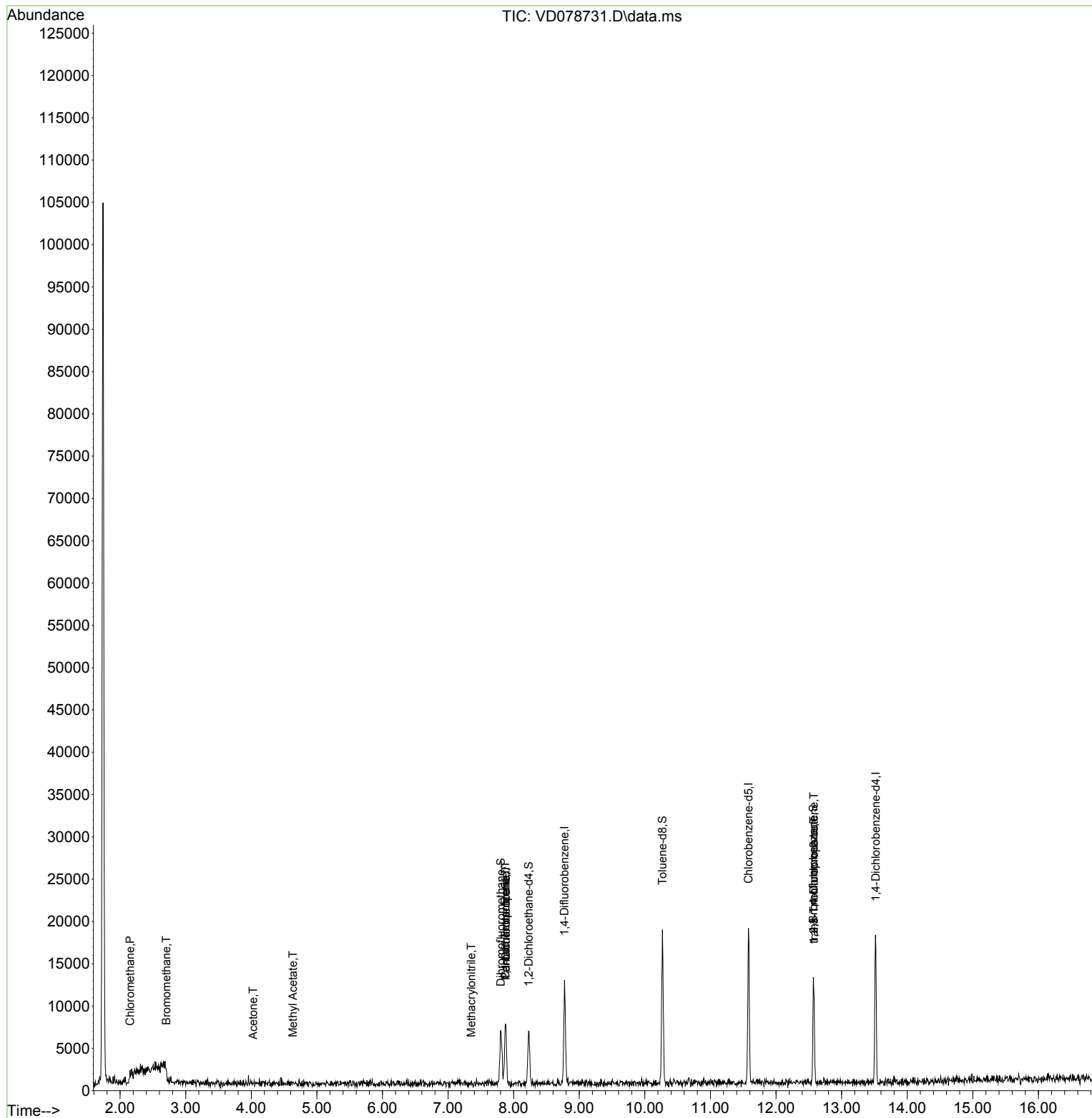
Internal Standards						
1) Pentafluorobenzene	7.881	168	6436	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	4911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4852	80.443	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 160.880%	
35) Dibromofluoromethane	7.804	113	4943	68.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 137.320%	
50) Toluene-d8	10.269	98	13092	49.445	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.900%	
62) 4-Bromofluorobenzene	12.569	95	4130	53.317	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.640%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	95	1.004	ug/l	# 43
5) Bromomethane	2.705	94	349	2.613	ug/l	94
16) Acetone	4.028	43	56	4.801	ug/l	# 39
18) Methyl Acetate	4.634	43	53	2.117	ug/l	# 43
36) 1,1-Dichloropropene	7.881	75	156	1.493	ug/l	# 40
38) Carbon Tetrachloride	7.875	117	346	3.142	ug/l	# 11
41) Methacrylonitrile	7.352	41	62	3.467	ug/l	# 12
76) 1,2,3-Trichloropropane	12.575	75	2219	58.647	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	2219	122.934	ug/l	# 19

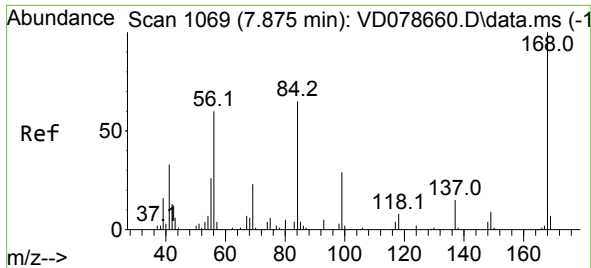
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
Data File : VD078731.D
Acq On : 21 Mar 2024 18:30
Operator : RP/MD
Sample : P1830-02
Misc : 5.02G/5ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 22 06:57:50 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

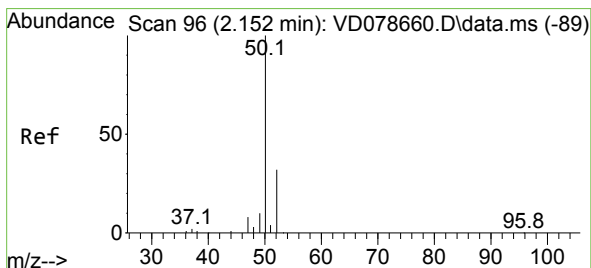
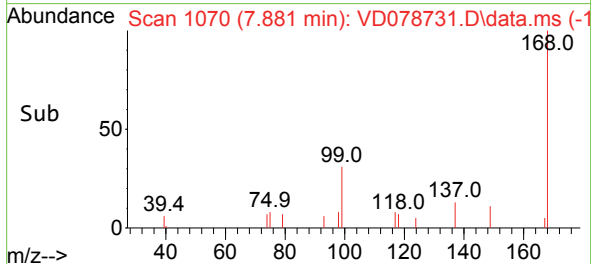
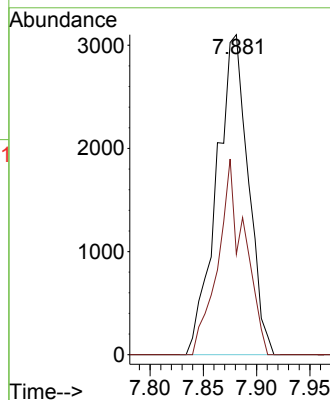
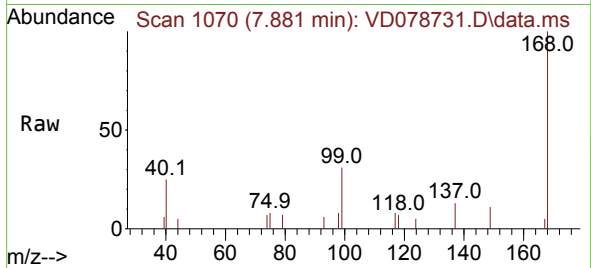




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

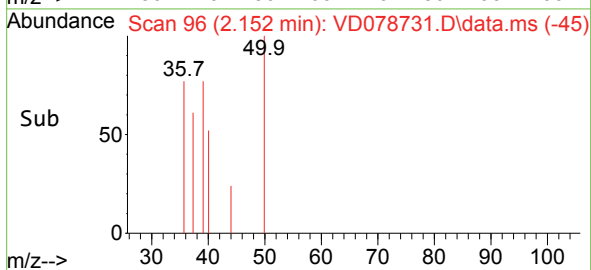
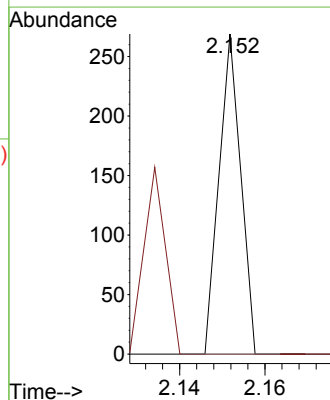
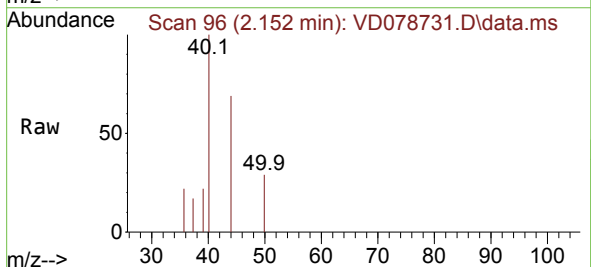
Instrument :
MSVOA_D
ClientSampleId :

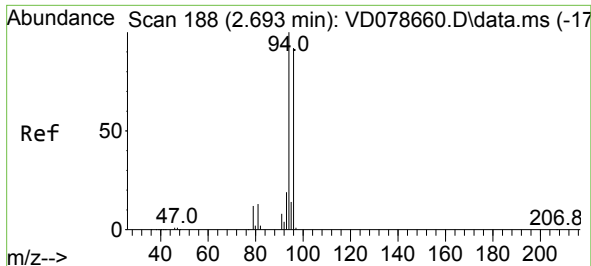
Tgt Ion:168 Resp: 6436
Ion Ratio Lower Upper
168 100
99 31.4 38.8 58.2#



#3
Chloromethane
Concen: 1.004 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion: 50 Resp: 95
Ion Ratio Lower Upper
50 100
52 0.0 25.6 38.4#

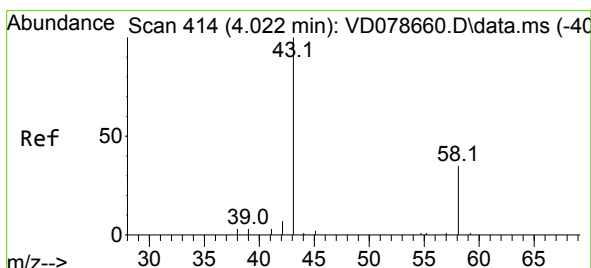
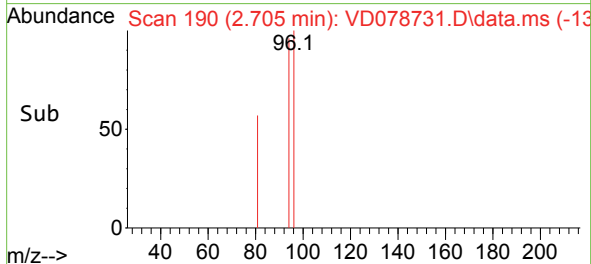
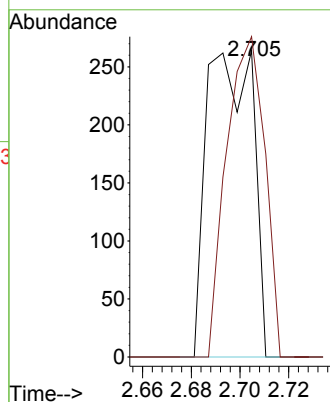
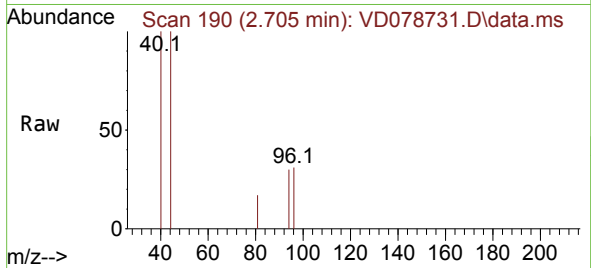




#5
Bromomethane
Concen: 2.613 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.012 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

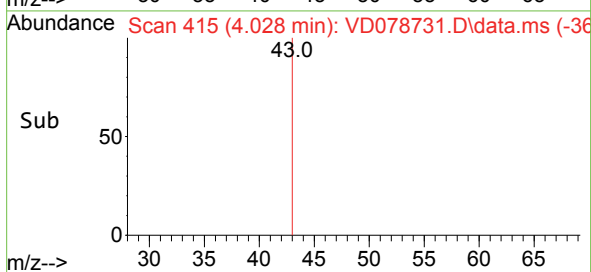
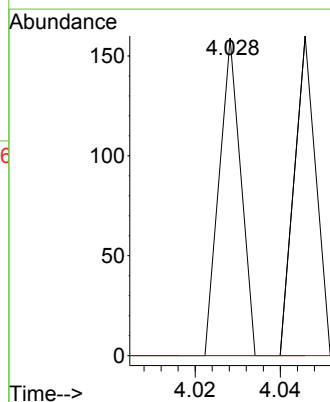
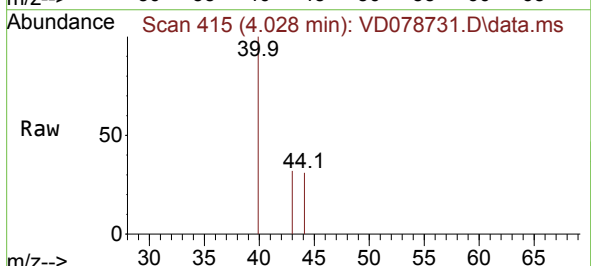
Instrument :
MSVOA_D
ClientSampleId :

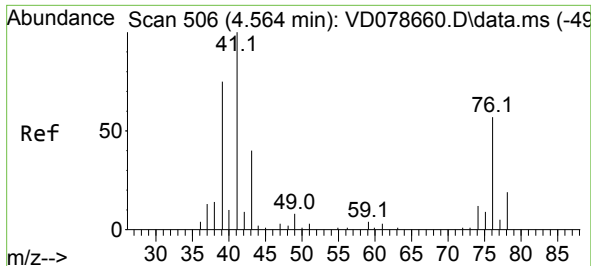
Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 86.2 73.5 110.3



#16
Acetone
Concen: 4.801 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

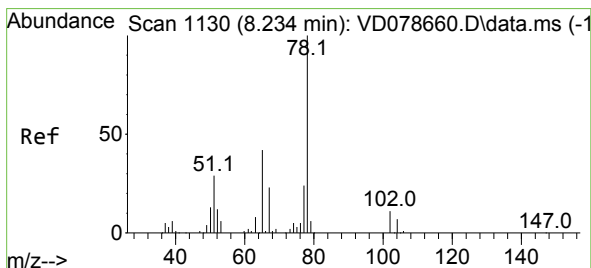
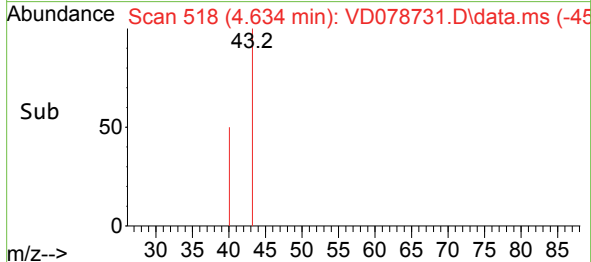
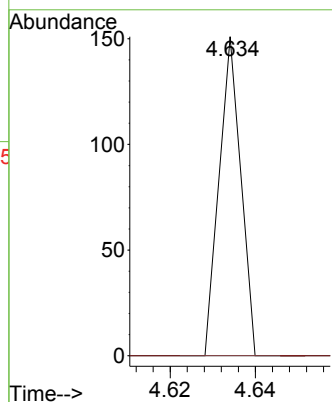
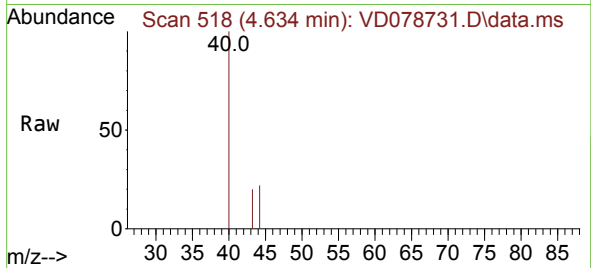




#18
Methyl Acetate
Concen: 2.117 ug/l
RT: 4.634 min Scan# 51
Delta R.T. 0.070 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

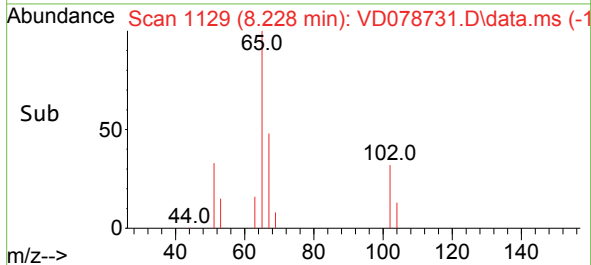
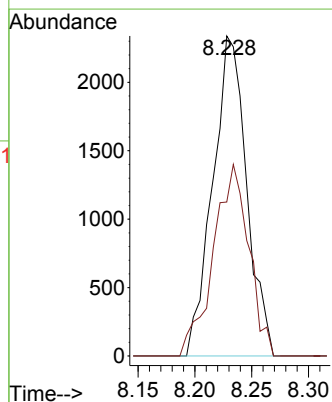
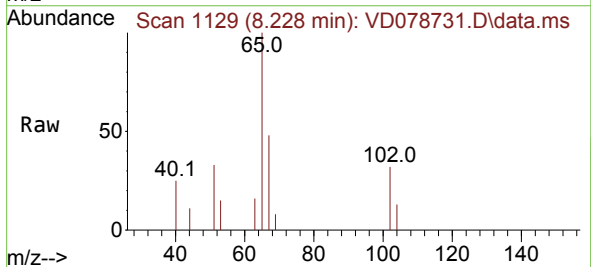
Instrument :
MSVOA_D
ClientSampleId :

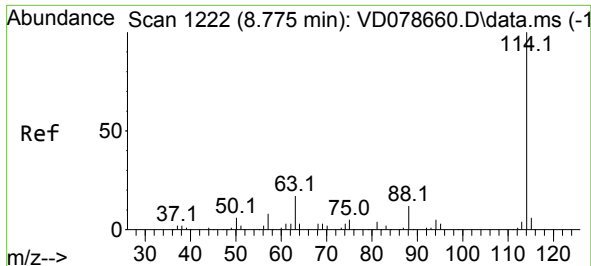
Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 25.3 37.9#



#33
1,2-Dichloroethane-d4
Concen: 80.443 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion: 65 Resp: 4852
Ion Ratio Lower Upper
65 100
67 62.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11182

Delta R.T. -0.000 min

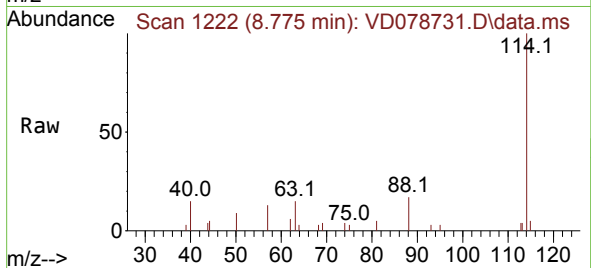
Lab File: VD078731.D

Acq: 21 Mar 2024 18:30

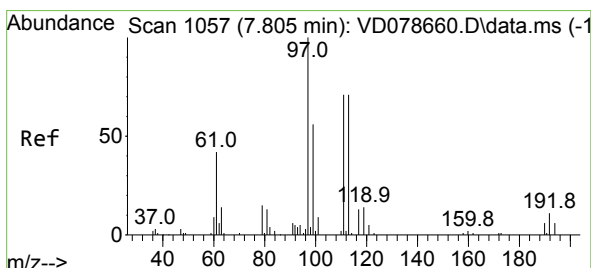
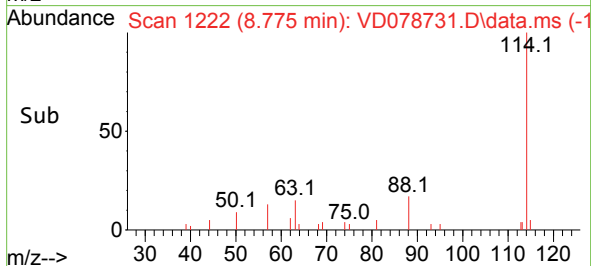
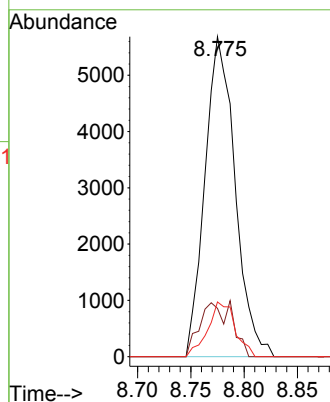
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
114	100		
63	15.1	0.0	33.4
88	17.1	0.0	24.6



#35

Dibromofluoromethane

Concen: 68.657 ug/l

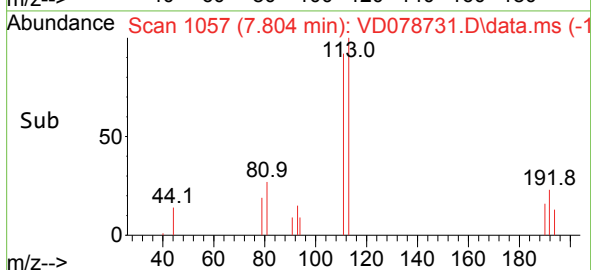
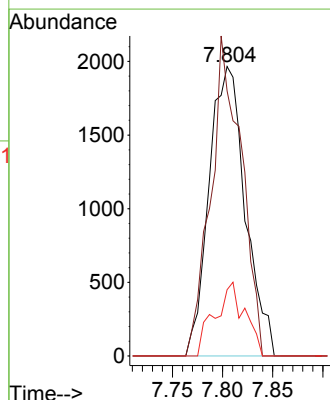
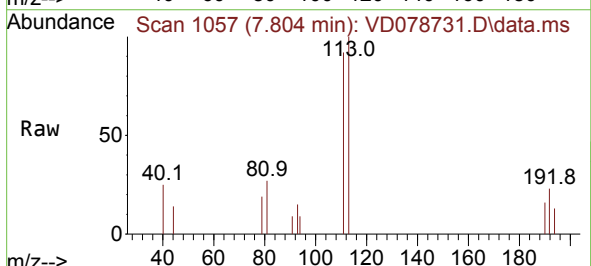
RT: 7.804 min Scan# 1057

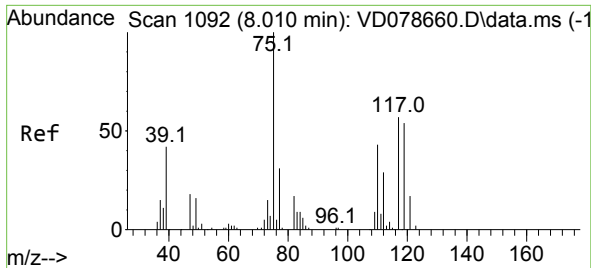
Delta R.T. -0.000 min

Lab File: VD078731.D

Acq: 21 Mar 2024 18:30

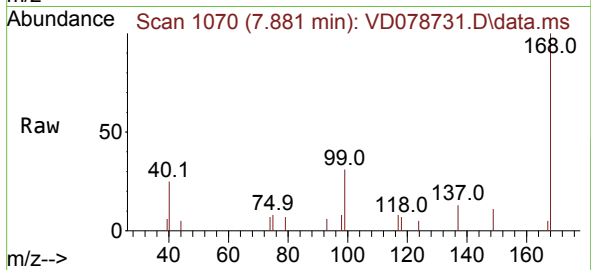
Tgt Ion	Ratio	Lower	Upper
113	100		
111	93.5	81.9	122.9
192	21.1	15.4	23.0



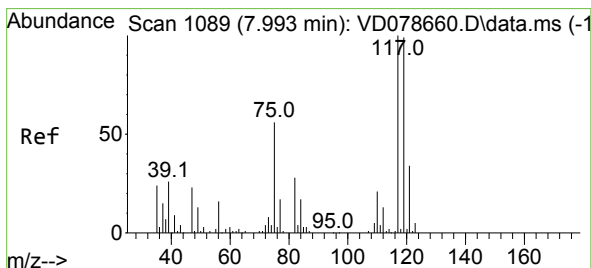
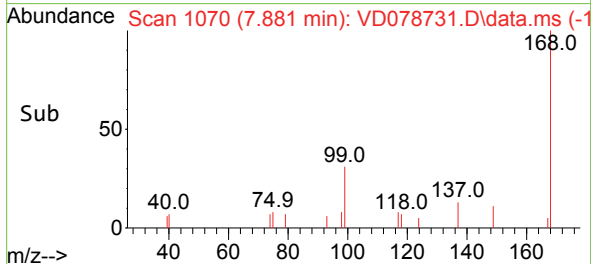
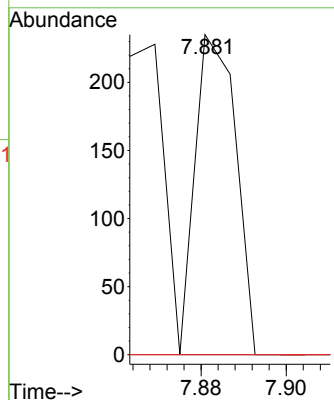


#36
 1,1-Dichloropropene
 Concen: 1.493 ug/l
 RT: 7.881 min Scan# 1069
 Delta R.T. -0.129 min
 Lab File: VD078731.D
 Acq: 21 Mar 2024 18:30

Instrument :
 MSVOA_D
 ClientSampleId :

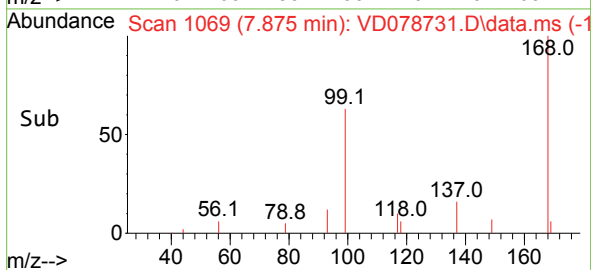
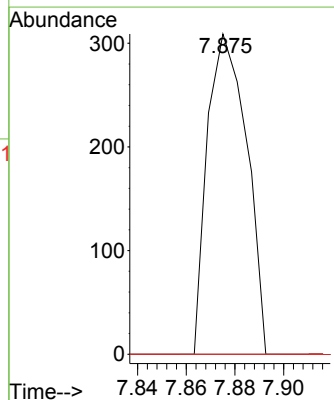
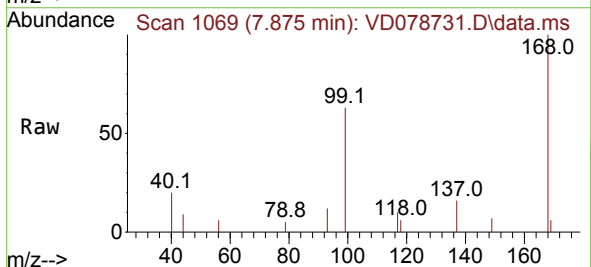


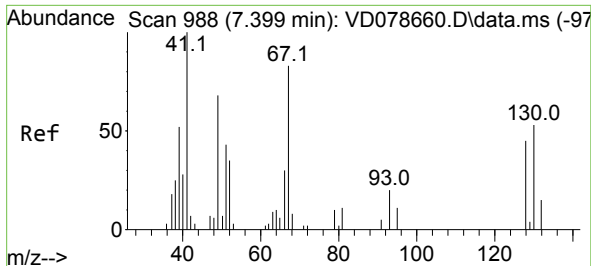
Tgt Ion: 75 Resp: 156
 Ion Ratio Lower Upper
 75 100
 110 0.0 19.1 57.1#
 77 0.0 25.4 38.2#



#38
 Carbon Tetrachloride
 Concen: 3.142 ug/l
 RT: 7.875 min Scan# 1069
 Delta R.T. -0.118 min
 Lab File: VD078731.D
 Acq: 21 Mar 2024 18:30

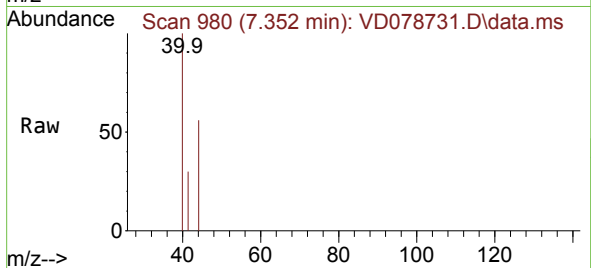
Tgt Ion: 117 Resp: 346
 Ion Ratio Lower Upper
 117 100
 119 0.0 79.2 118.8#
 121 0.0 26.8 40.2#



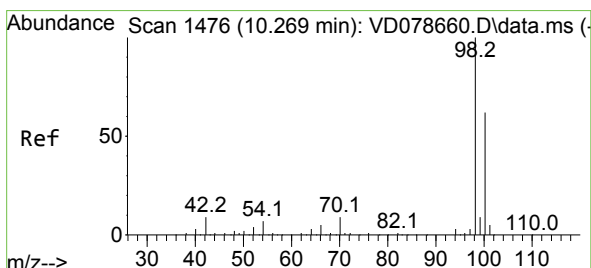
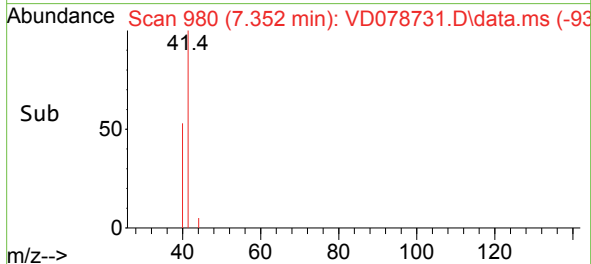
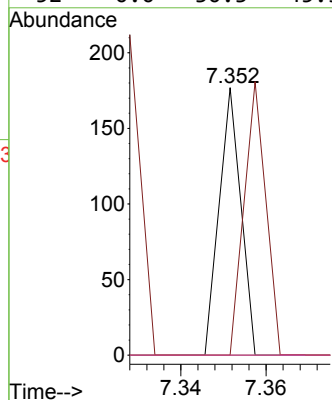


#41
Methacrylonitrile
Concen: 3.467 ug/l
RT: 7.352 min Scan# 91
Delta R.T. -0.047 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Instrument :
MSVOA_D
ClientSampleId :

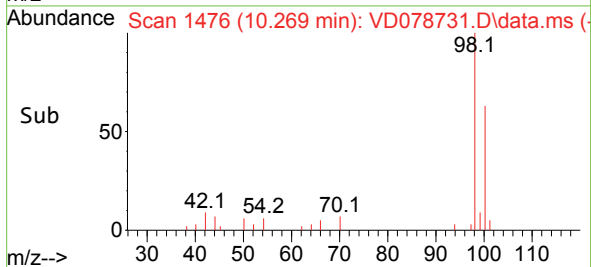
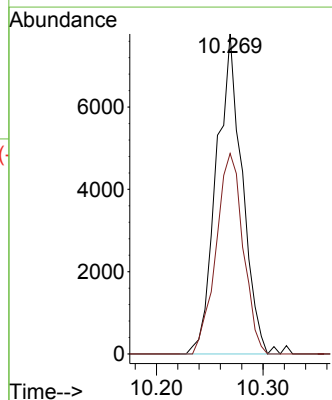
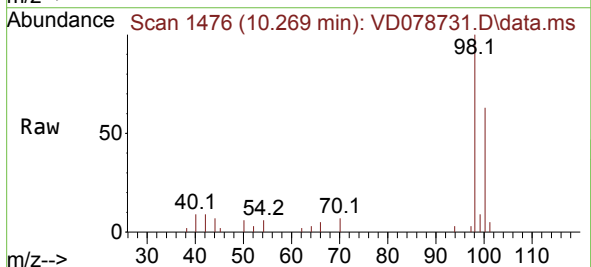


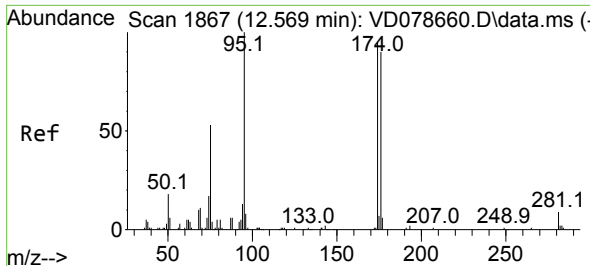
Tgt Ion: 41	Resp: 62
Ion Ratio	Lower Upper
41 100	
39 103.2	39.8 59.6#
67 0.0	83.5 125.3#
52 0.0	30.3 45.5#



#50
Toluene-d8
Concen: 49.445 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion: 98	Resp: 13092
Ion Ratio	Lower Upper
98 100	
100 65.8	50.5 75.7

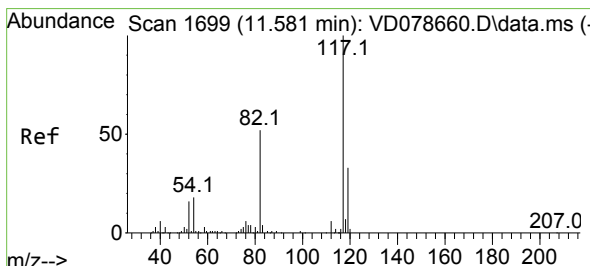
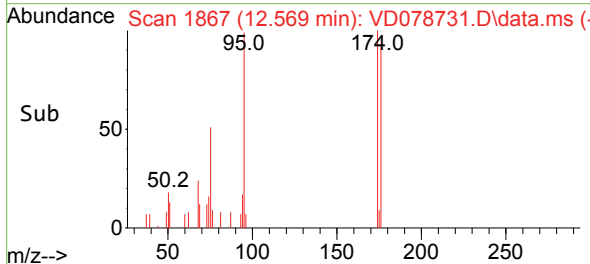
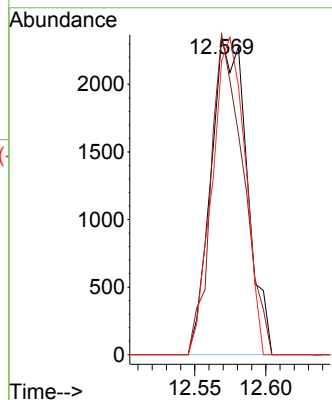
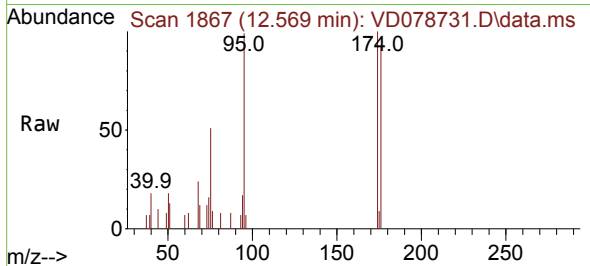




#62
4-Bromofluorobenzene
Concen: 53.317 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

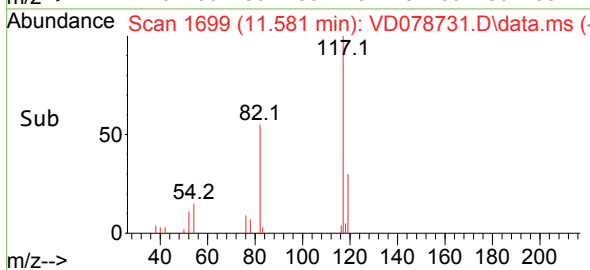
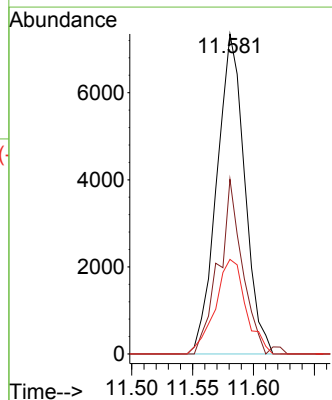
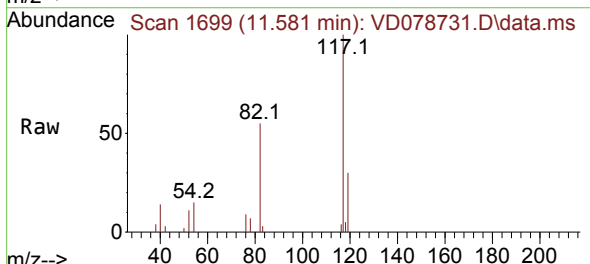
Instrument :
MSVOA_D
ClientSampleId :

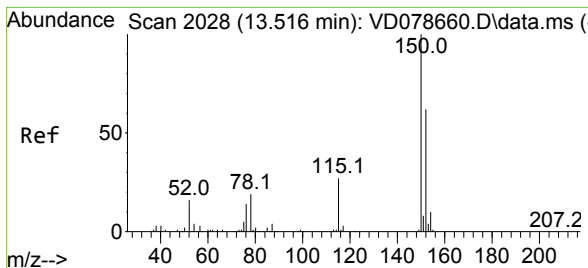
Tgt Ion:	95	Resp:	4130
Ion Ratio	Lower	Upper	
95	100		
174	90.6	0.0	195.2
176	91.6	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078731.D
Acq: 21 Mar 2024 18:30

Tgt Ion:	117	Resp:	11715
Ion Ratio	Lower	Upper	
117	100		
82	54.6	41.4	62.2
119	29.6	26.5	39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD078731.D

Acq: 21 Mar 2024 18:30

Instrument :

MSVOA_D

ClientSampleId :

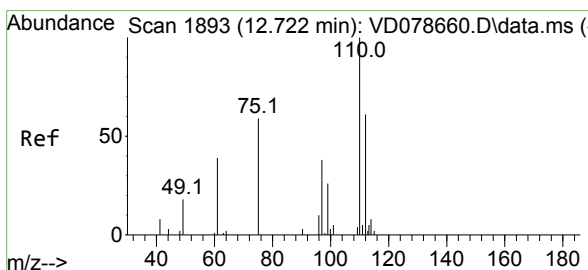
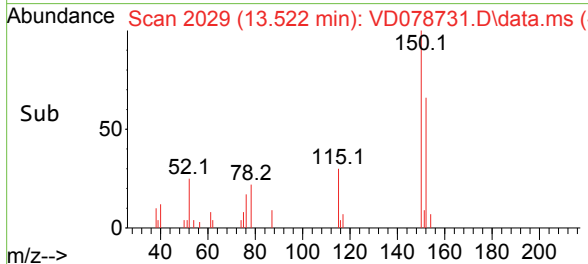
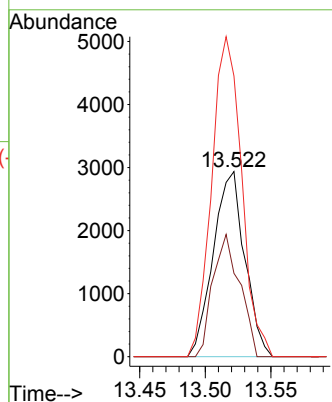
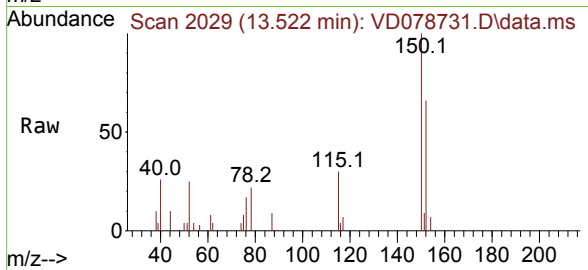
Tgt Ion:152 Resp: 4911

Ion Ratio Lower Upper

152 100

115 56.4 27.1 81.2

150 164.3 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 58.647 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078731.D

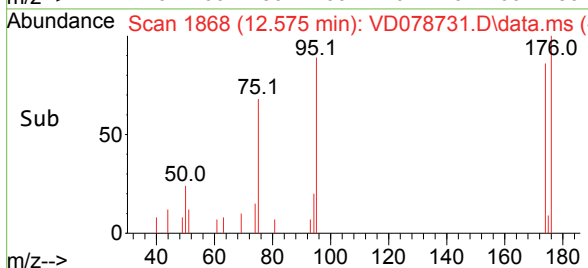
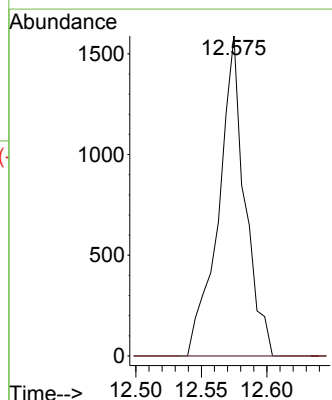
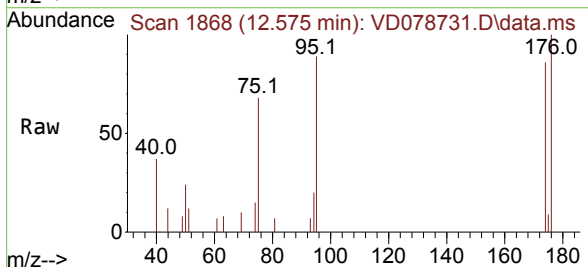
Acq: 21 Mar 2024 18:30

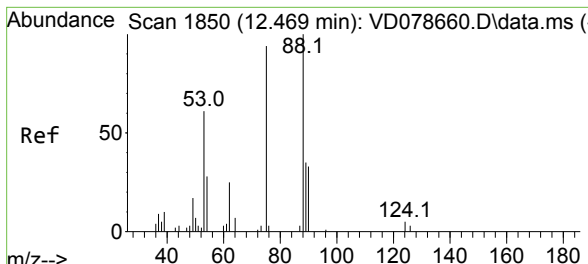
Tgt Ion: 75 Resp: 2219

Ion Ratio Lower Upper

75 100

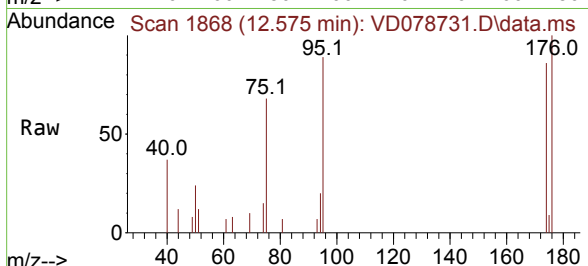
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.934 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD078731.D
 Acq: 21 Mar 2024 18:30

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	2219
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

