

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
 Data File : VD078116.D
 Acq On : 02 Jan 2024 10:46
 Operator : RP/MD
 Sample : VD0102SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 03 00:03:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

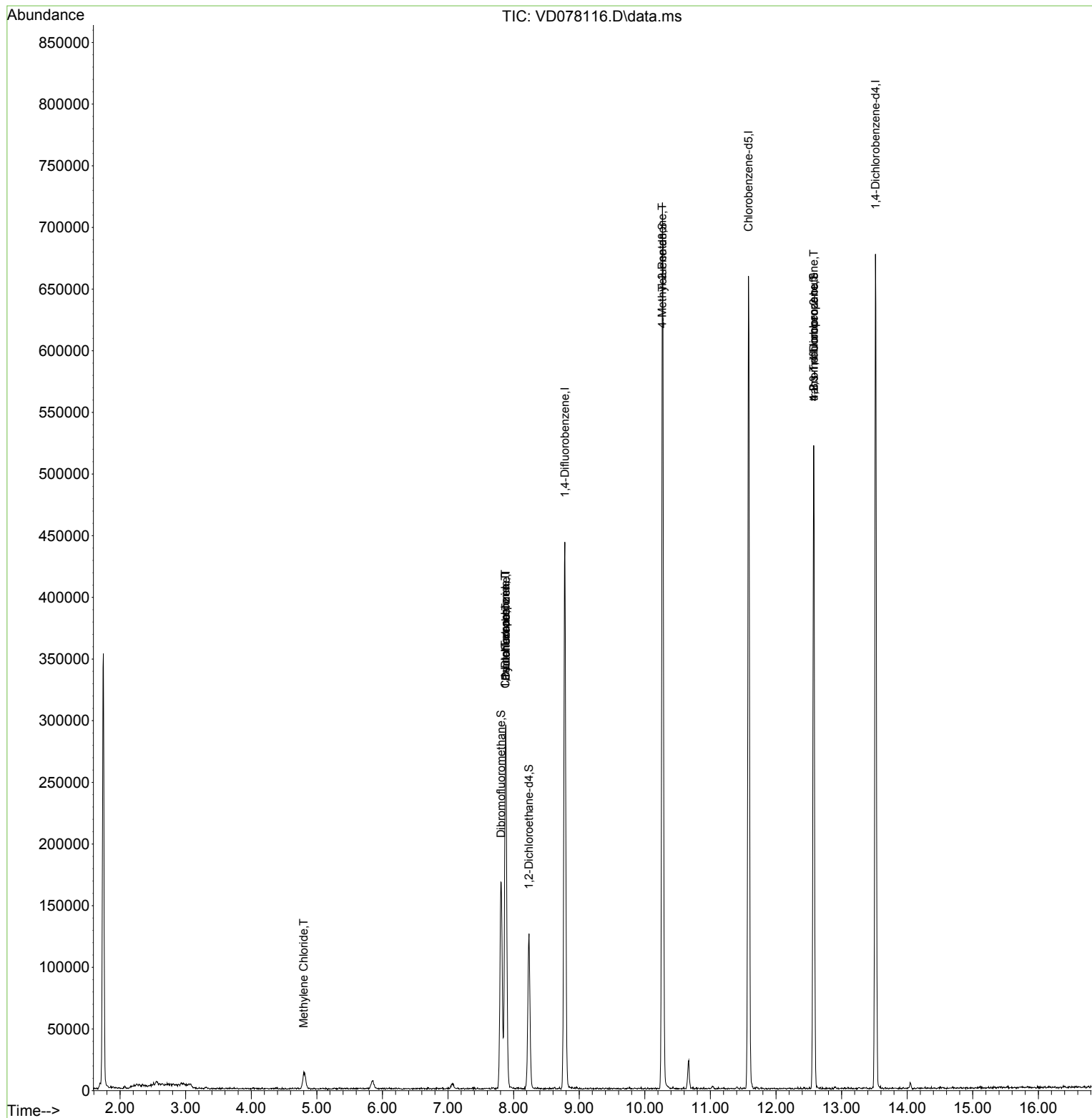
Internal Standards						
1) Pentafluorobenzene	7.881	168	249239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	413316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	402844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	194418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	97315	43.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.760%
35) Dibromofluoromethane	7.811	113	123773	46.542	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.080%
50) Toluene-d8	10.269	98	507646	54.249	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.500%
62) 4-Bromofluorobenzene	12.575	95	154026	51.156	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.320%
Target Compounds						
					Qvalue	
16) Acetone	4.040	43	278	Below Cal	#	32
20) Methylene Chloride	4.799	84	11400	1.081	ug/l #	83
25) 2-Butanone	7.087	43	137	Below Cal	#	37
31) Cyclohexane	7.881	56	4534	1.282	ug/l #	40
36) 1,1-Dichloropropene	7.875	75	17225	4.603	ug/l #	47
38) Carbon Tetrachloride	7.875	117	23166	5.713	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	2033	1.590	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	78106	47.619	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	78106	102.607	ug/l #	17

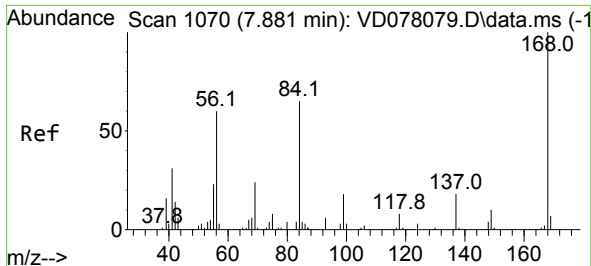
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010224\
Data File : VD078116.D
Acq On : 02 Jan 2024 10:46
Operator : RP/MD
Sample : VD0102SBL01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jan 03 00:03:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 27 03:40:16 2023
Response via : Initial Calibration

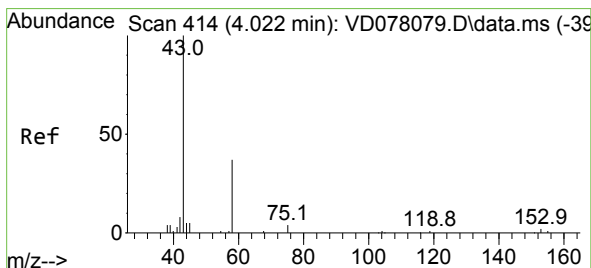
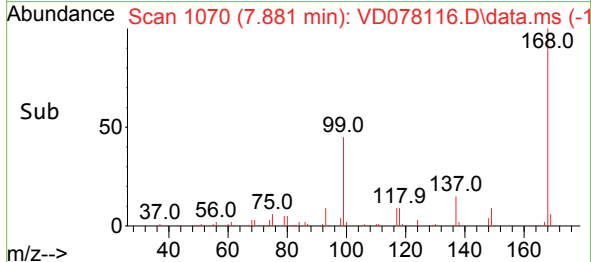
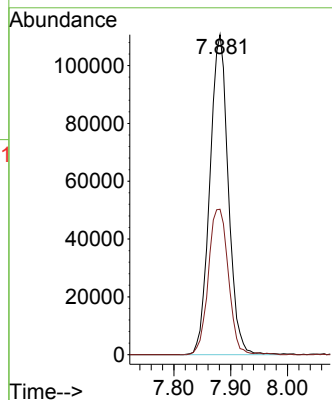
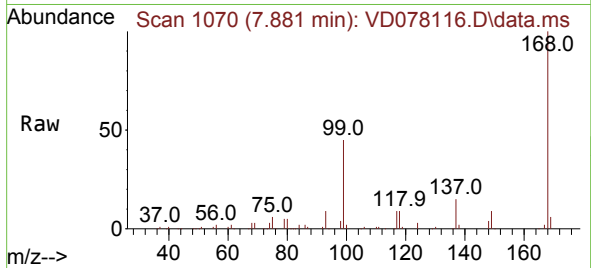




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

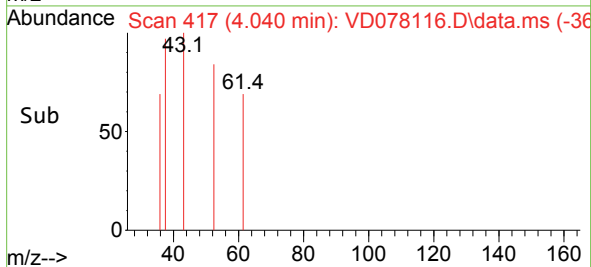
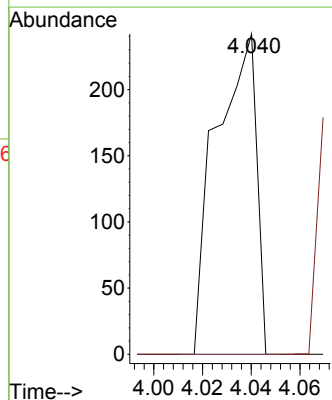
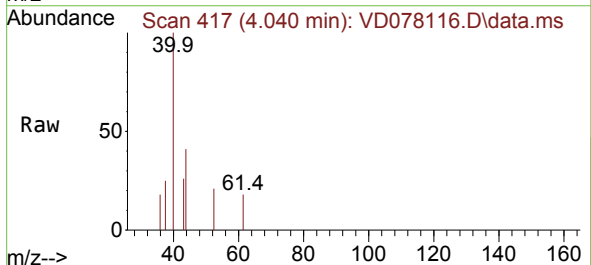
Instrument :
MSVOA_D
ClientSampleId :

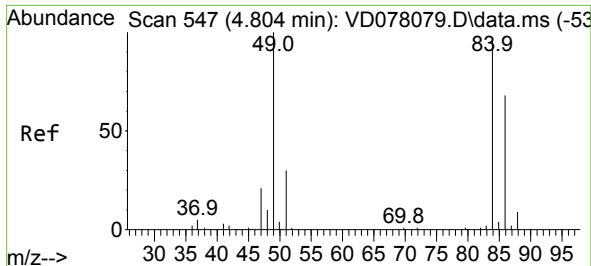
Tgt Ion:168 Resp: 249239
Ion Ratio Lower Upper
168 100
99 45.5 36.7 55.1



#16
Acetone
Concen: Below Cal
RT: 4.040 min Scan# 417
Delta R.T. 0.018 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

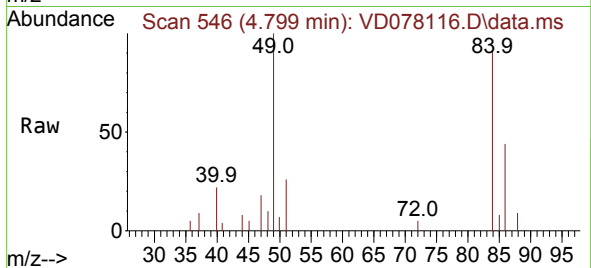
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



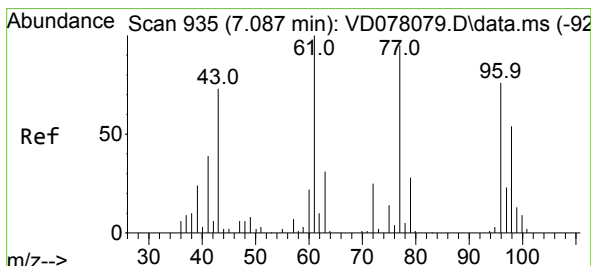
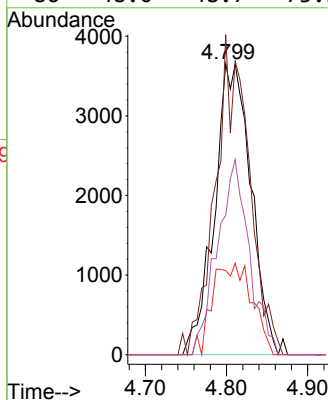
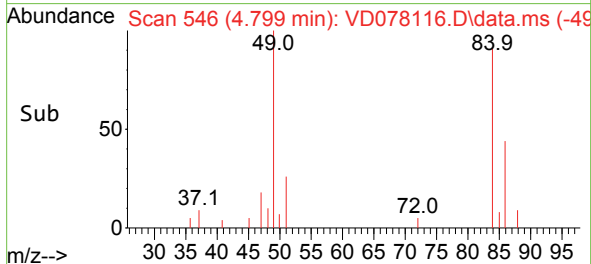


#20
Methylene Chloride
Concen: 1.081 ug/l
RT: 4.799 min Scan# 547
Delta R.T. -0.005 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Instrument :
MSVOA_D
ClientSampleId :

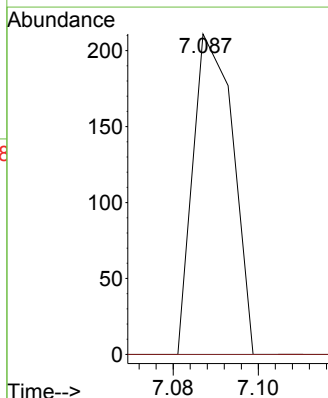
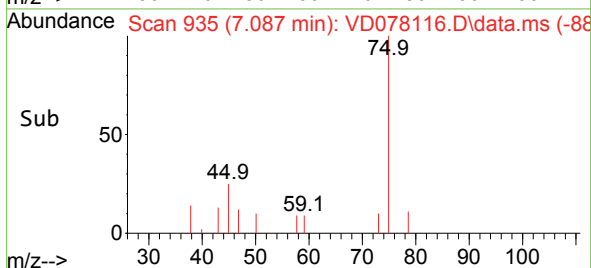
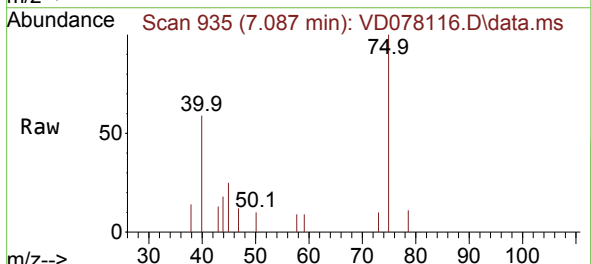


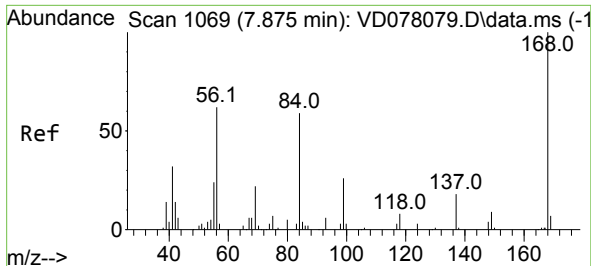
Tgt Ion: 84 Resp: 11400
Ion Ratio Lower Upper
84 100
49 110.1 71.4 107.2#
51 29.0 24.5 36.7
86 48.0 48.7 73.1#



#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 935
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#

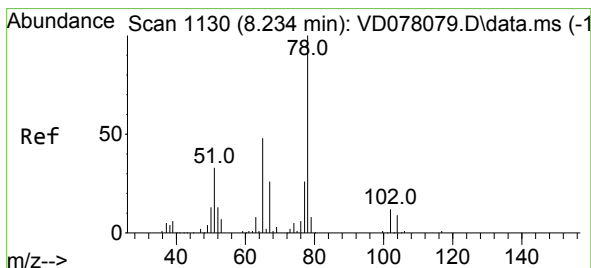
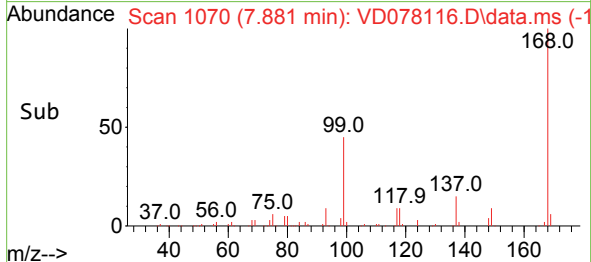
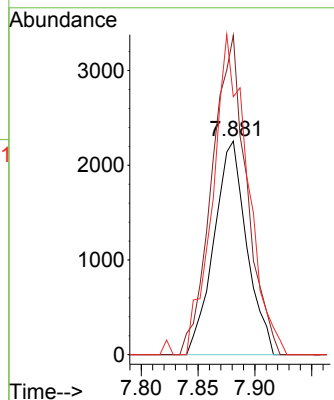
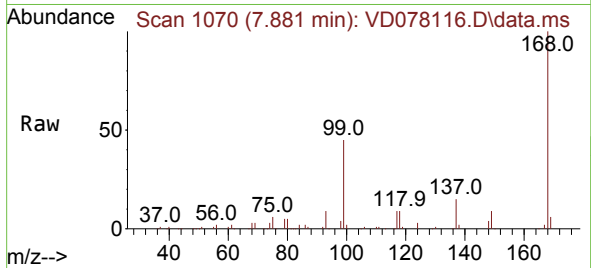




#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

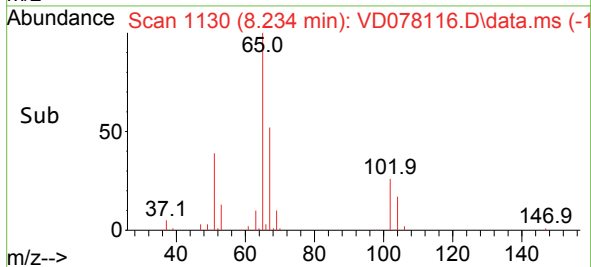
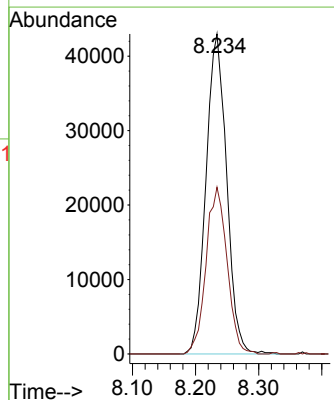
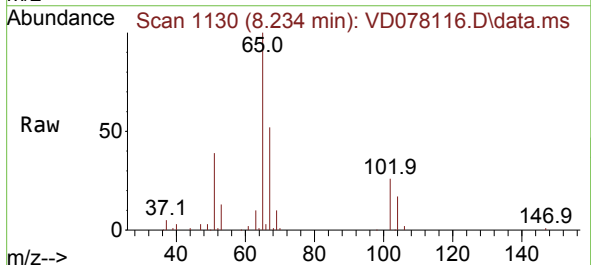
Instrument :
MSVOA_D
ClientSampleId :

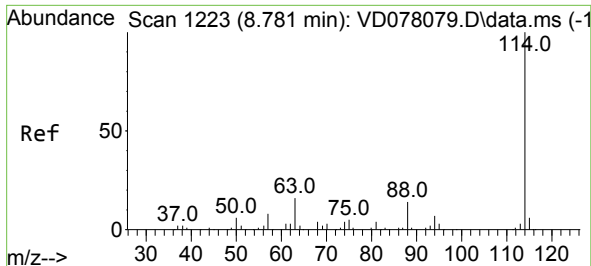
Tgt Ion: 56 Resp: 4534
Ion Ratio Lower Upper
56 100
69 149.5 28.6 43.0#
84 120.7 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 43.882 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion: 65 Resp: 97315
Ion Ratio Lower Upper
65 100
67 53.1 0.0 115.0

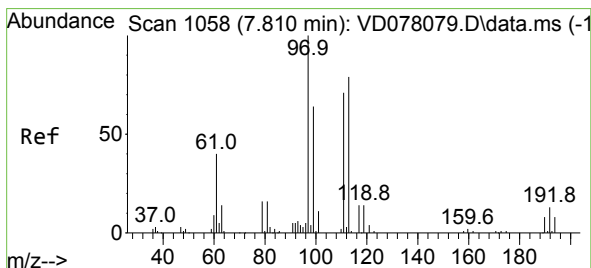
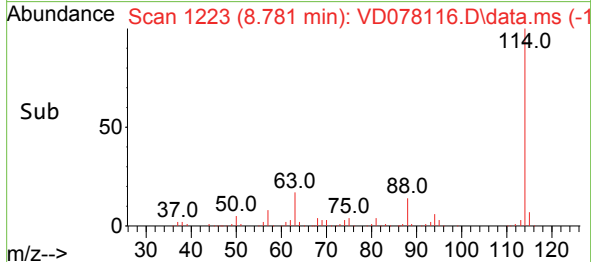
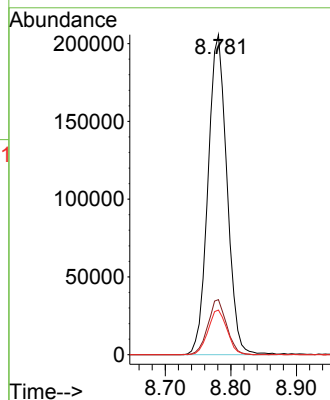
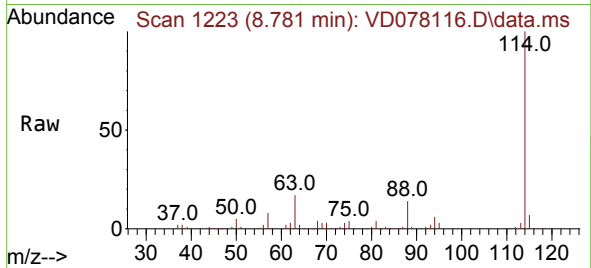




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

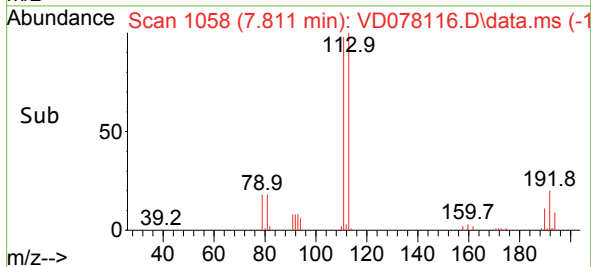
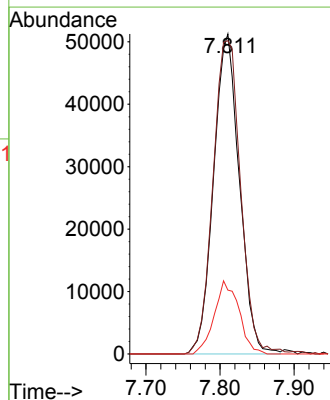
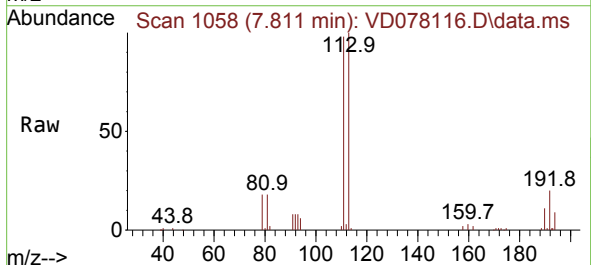
Instrument :
MSVOA_D
ClientSampleId :

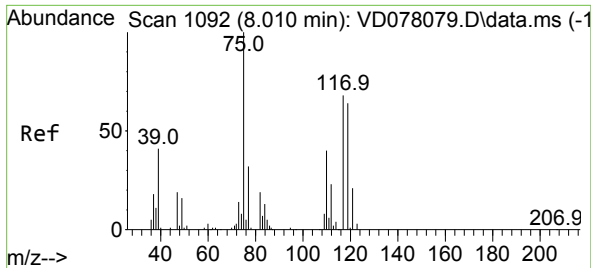
Tgt Ion:114 Resp: 413316
Ion Ratio Lower Upper
114 100
63 17.2 0.0 33.4
88 13.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 46.542 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

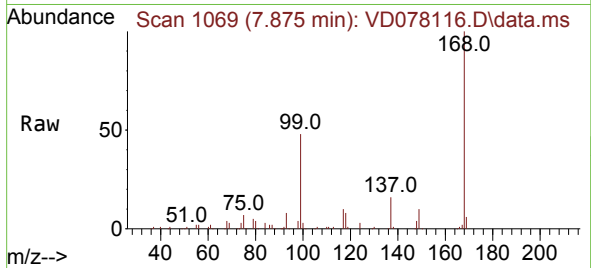
Tgt Ion:113 Resp: 123773
Ion Ratio Lower Upper
113 100
111 104.6 84.7 127.1
192 21.9 16.8 25.2



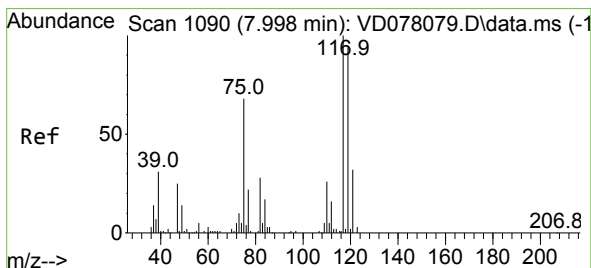
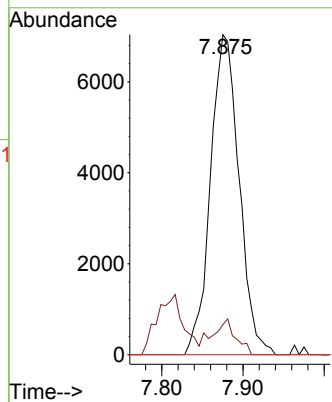
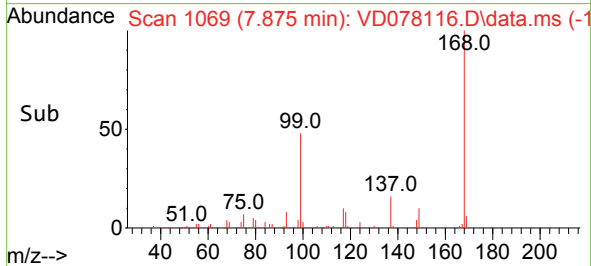


#36
1,1-Dichloropropene
Concen: 4.603 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

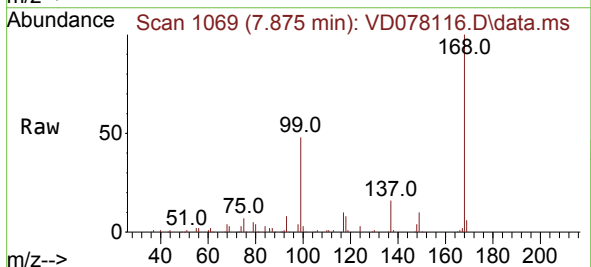
Instrument :
MSVOA_D
ClientSampleId :



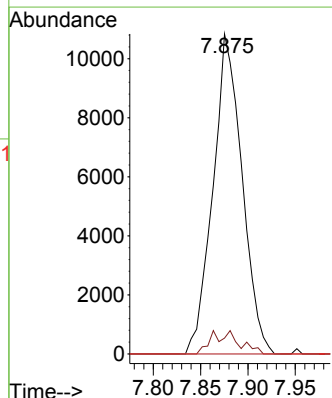
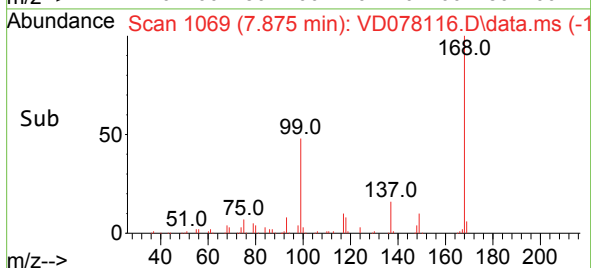
Tgt Ion: 75 Resp: 17225
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 0.0 24.7 37.1#

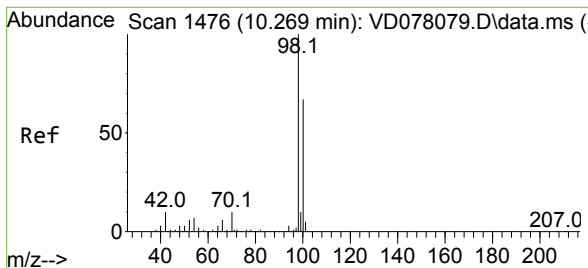


#38
Carbon Tetrachloride
Concen: 5.713 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.123 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46



Tgt Ion: 117 Resp: 23166
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.2 36.2#

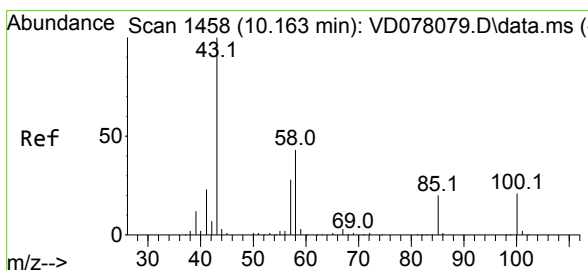
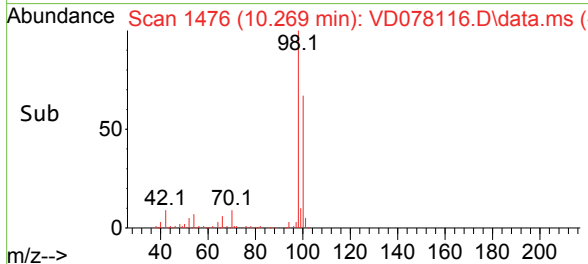
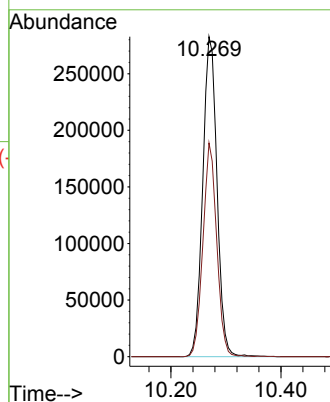
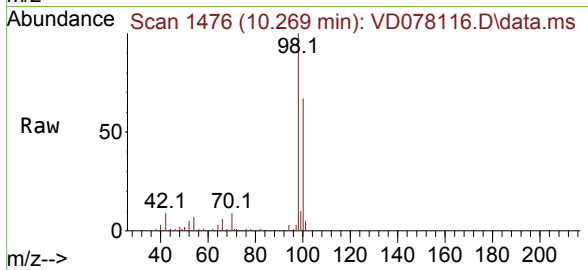




#50
Toluene-d8
Concen: 54.249 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

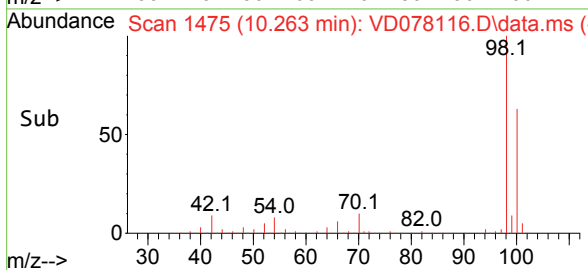
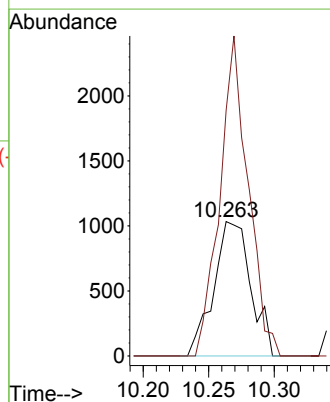
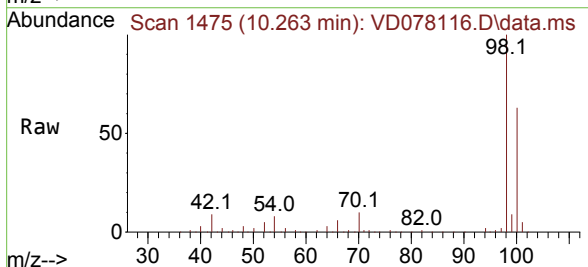
Instrument :
MSVOA_D
ClientSampleId :

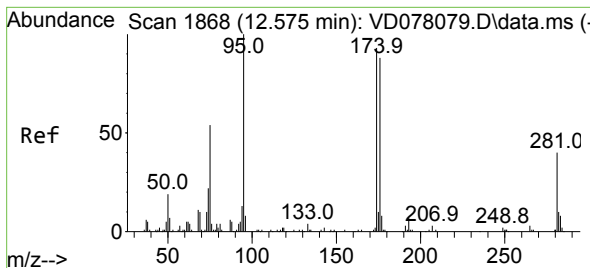
Tgt Ion: 98 Resp: 507646
Ion Ratio Lower Upper
98 100
100 64.6 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.590 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.100 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion: 43 Resp: 2033
Ion Ratio Lower Upper
43 100
58 181.8 38.9 58.3#

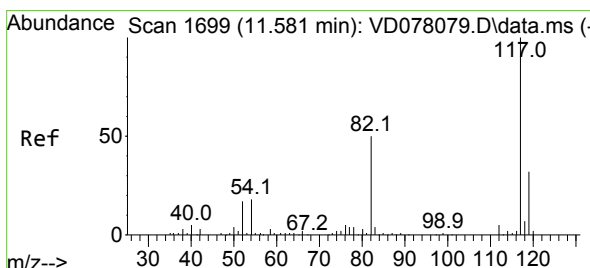
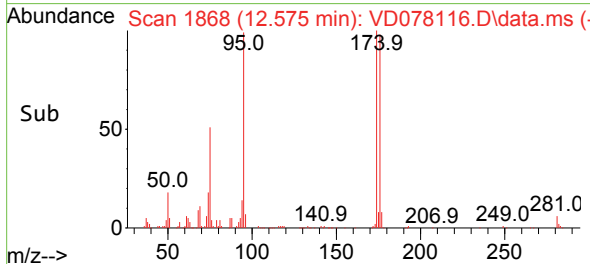
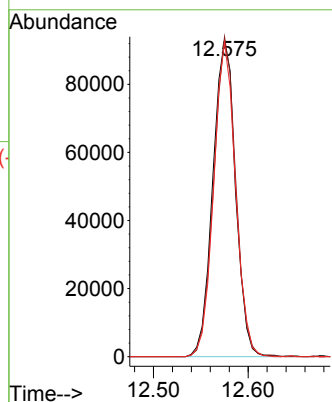
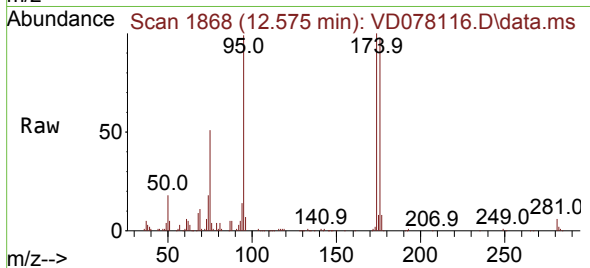




#62
4-Bromofluorobenzene
Concen: 51.156 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

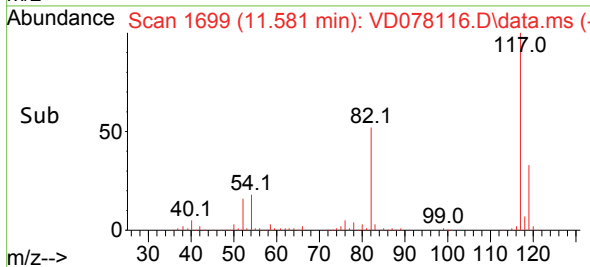
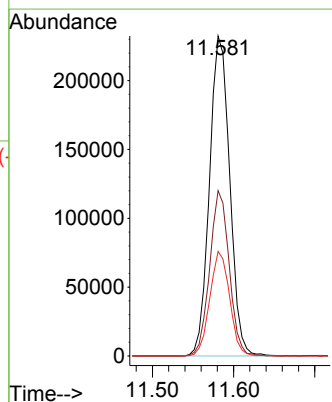
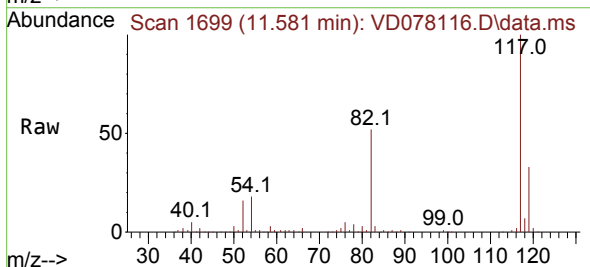
Instrument :
MSVOA_D
ClientSampleId :

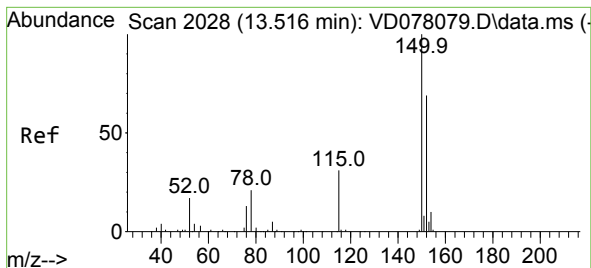
Tgt Ion: 95 Resp: 154026
Ion Ratio Lower Upper
95 100
174 98.5 0.0 201.8
176 95.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078116.D
Acq: 02 Jan 2024 10:46

Tgt Ion: 117 Resp: 402844
Ion Ratio Lower Upper
117 100
82 51.6 38.3 57.5
119 32.6 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD078116.D

Acq: 02 Jan 2024 10:46

Instrument :

MSVOA_D

ClientSampleId :

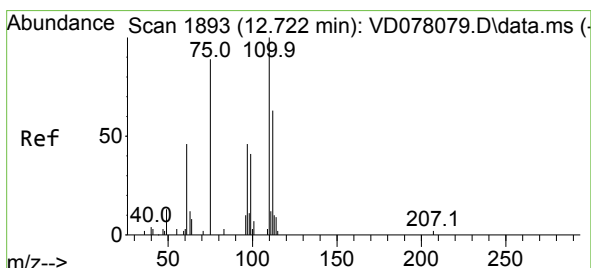
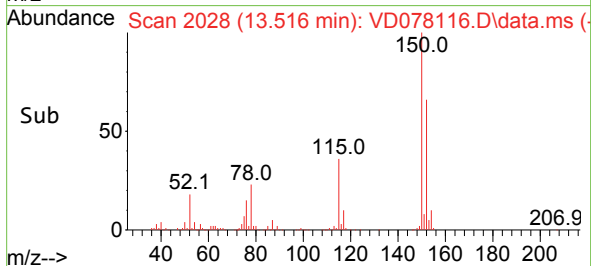
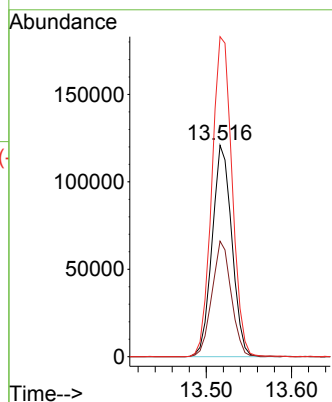
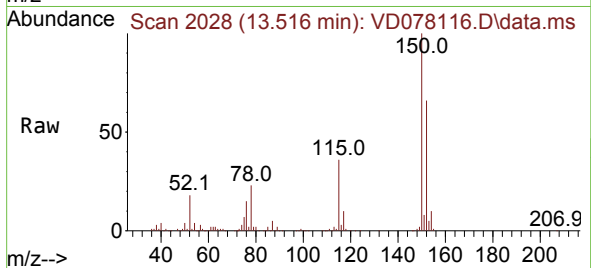
Tgt Ion:152 Resp: 194418

Ion Ratio Lower Upper

152 100

115 53.6 27.1 81.3

150 155.7 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 47.619 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078116.D

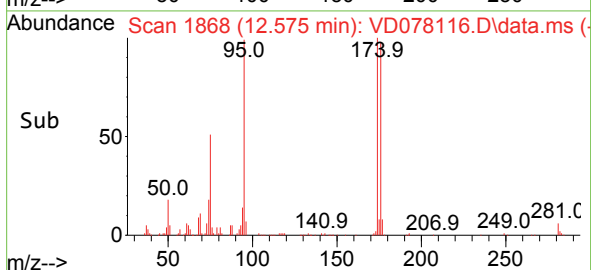
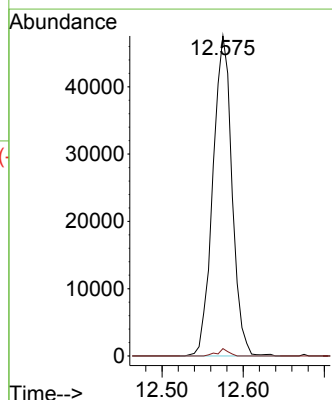
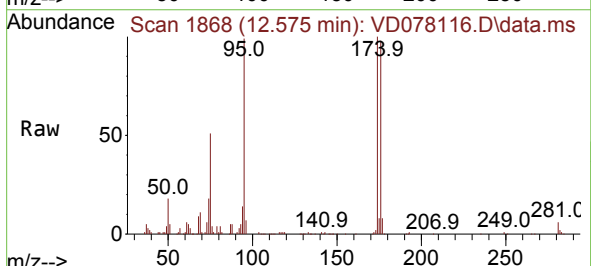
Acq: 02 Jan 2024 10:46

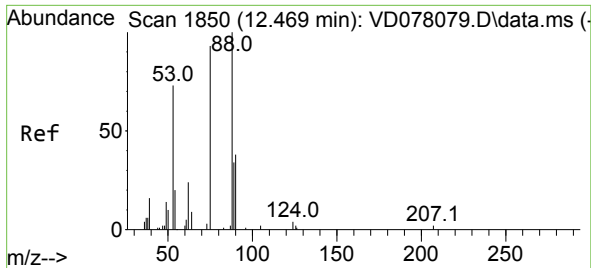
Tgt Ion: 75 Resp: 78106

Ion Ratio Lower Upper

75 100

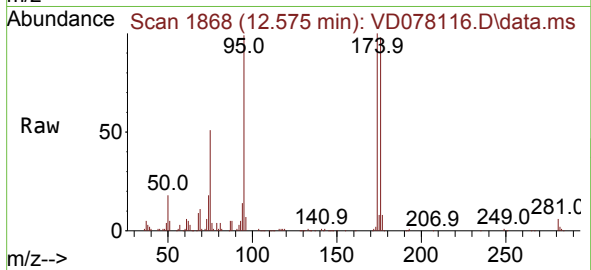
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.607 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD078116.D
 Acq: 02 Jan 2024 10:46

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

