

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
 Data File : VD079306.D
 Acq On : 01 Jul 2024 19:53
 Operator : RP/MD
 Sample : P3141-04
 Misc : 8.20G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 02 06:02:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

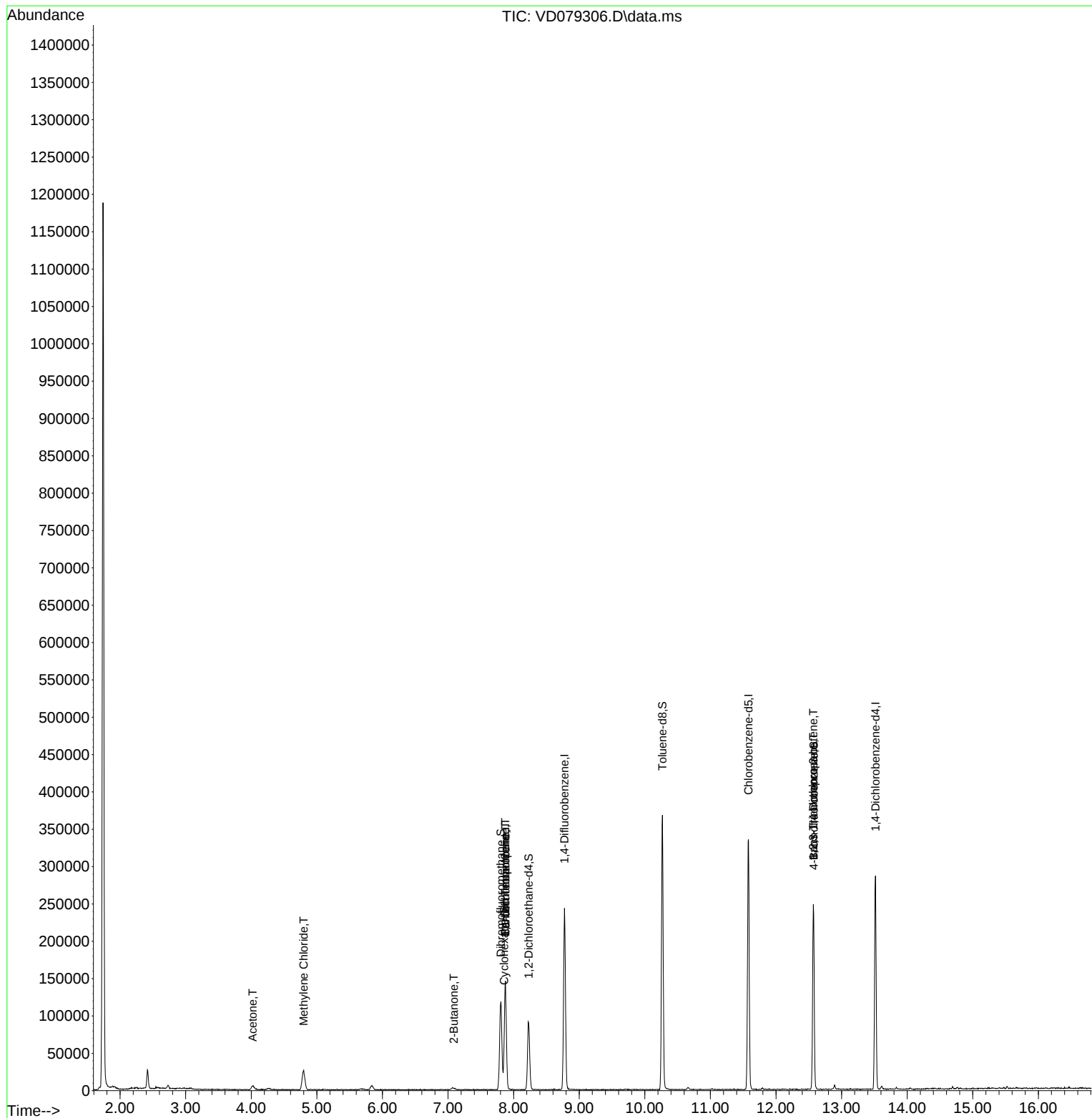
Internal Standards						
1) Pentafluorobenzene	7.875	168	101144	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	213627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76573	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	72514	75.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.780%	
35) Dibromofluoromethane	7.805	113	88862	63.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 126.740%	
50) Toluene-d8	10.269	98	264125	52.358	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.720%	
62) 4-Bromofluorobenzene	12.575	95	82061	50.729	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.460%	
Target Compounds						
						Qvalue
5) Bromomethane	2.693	94	70	Below Cal	#	1
16) Acetone	4.022	43	9652	40.208	ug/l	97
20) Methylene Chloride	4.799	84	20288	7.575	ug/l	95
25) 2-Butanone	7.087	43	2274	6.800	ug/l	# 42
31) Cyclohexane	7.858	56	2500	1.163	ug/l	# 61
36) 1,1-Dichloropropene	7.875	75	8963	4.114	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	11245	5.083	ug/l	# 16
76) 1,2,3-Trichloropropane	12.569	75	43538	56.815	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	43538	105.427	ug/l	# 19

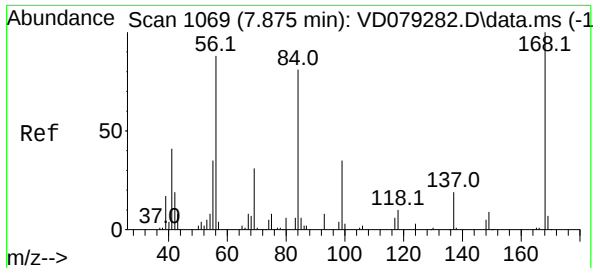
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070124\
Data File : VD079306.D
Acq On : 01 Jul 2024 19:53
Operator : RP/MD
Sample : P3141-04
Misc : 8.20G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

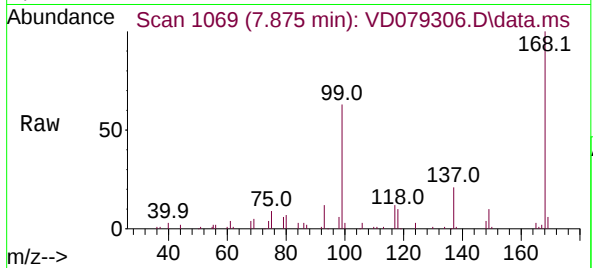
Quant Time: Jul 02 06:02:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



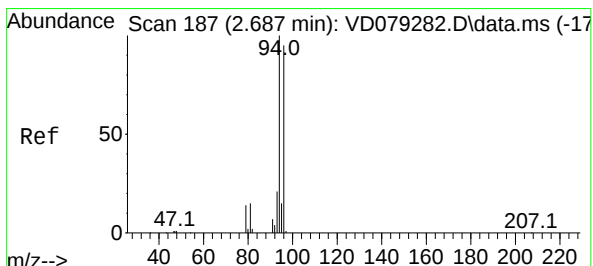
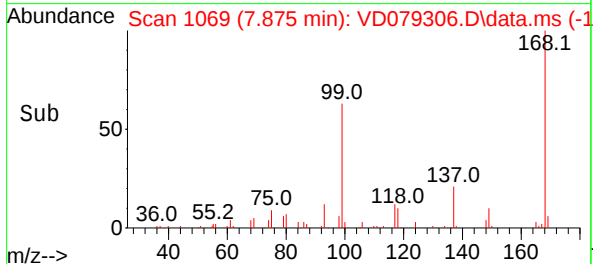
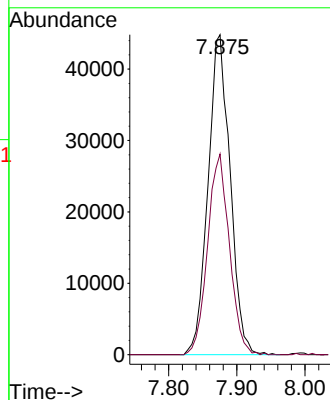


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Instrument :
MSVOA_D
ClientSampleId :

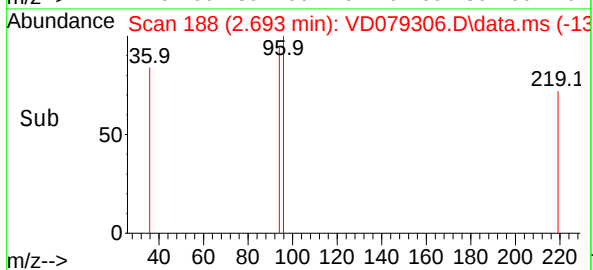
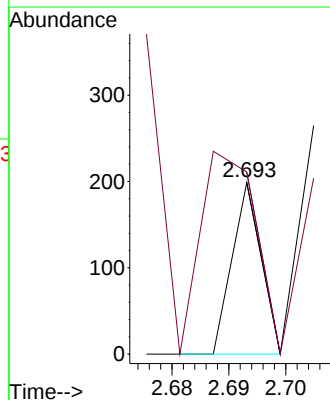
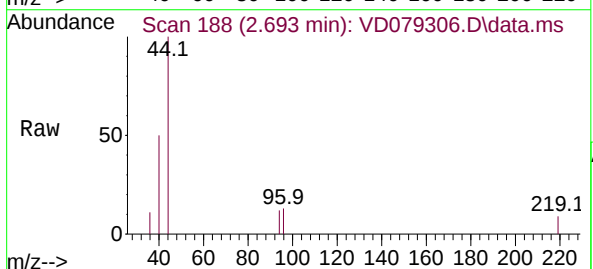


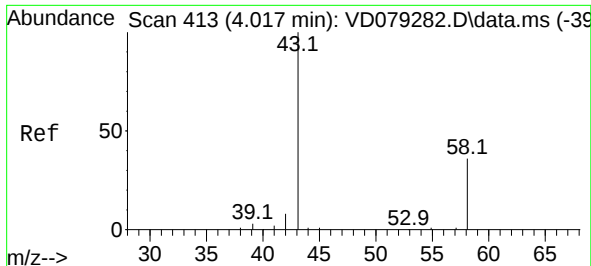
Tgt Ion:168 Resp: 101144
Ion Ratio Lower Upper
168 100
99 62.7 41.1 61.7#



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.035 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 94 Resp: 70
Ion Ratio Lower Upper
94 100
96 351.4 76.9 115.3#

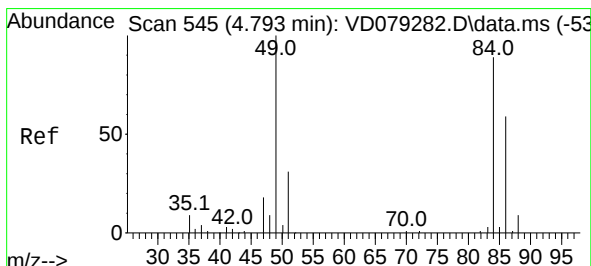
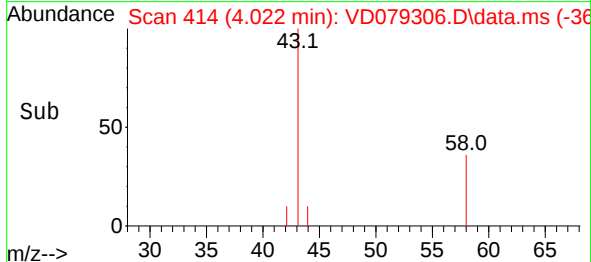
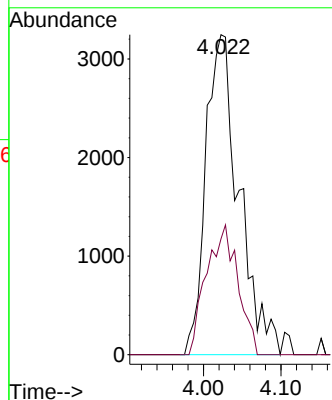
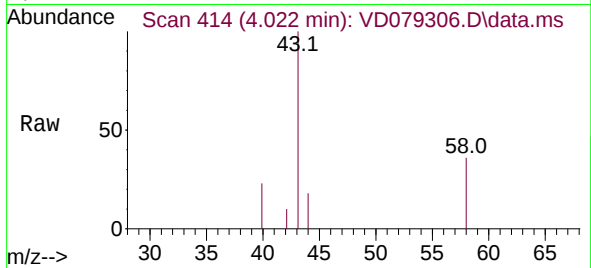




#16
Acetone
Concen: 40.208 ug/l
RT: 4.022 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

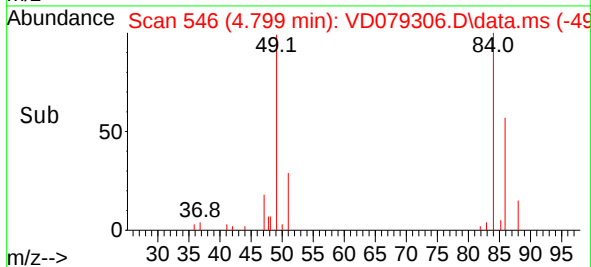
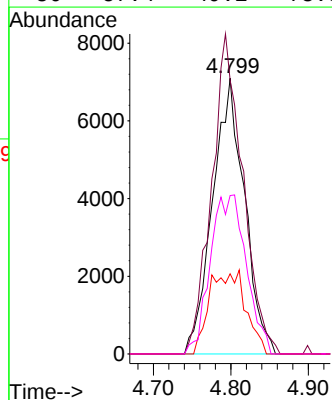
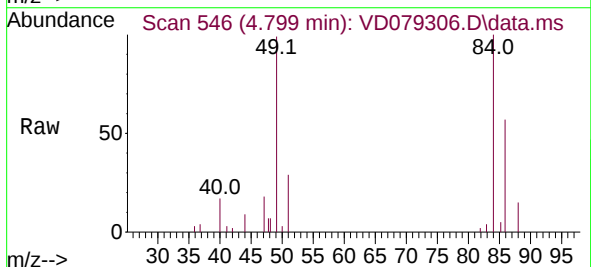
Instrument :
MSVOA_D
ClientSampleId :

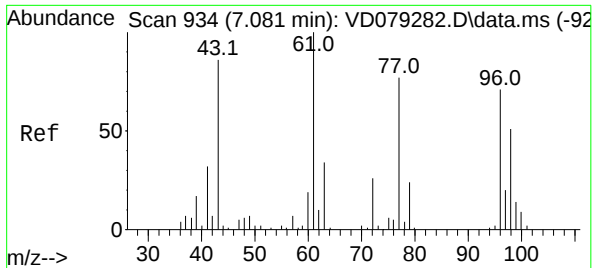
Tgt Ion: 43 Resp: 9652
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6



#20
Methylene Chloride
Concen: 7.575 ug/l
RT: 4.799 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 84 Resp: 20288
Ion Ratio Lower Upper
84 100
49 99.3 75.6 113.4
51 29.1 24.2 36.2
86 57.4 49.2 73.8

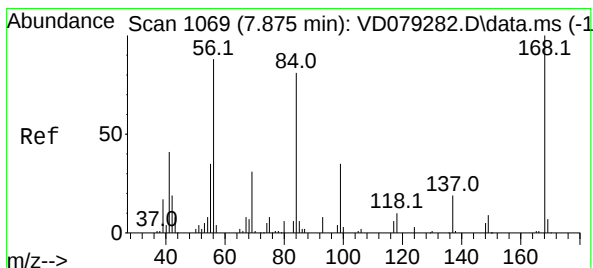
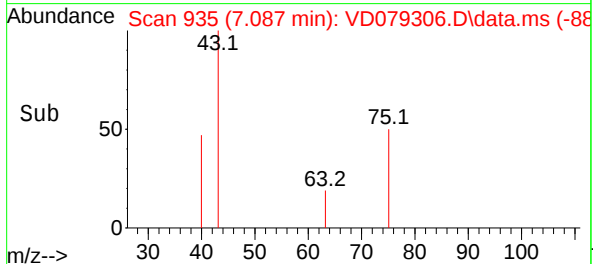
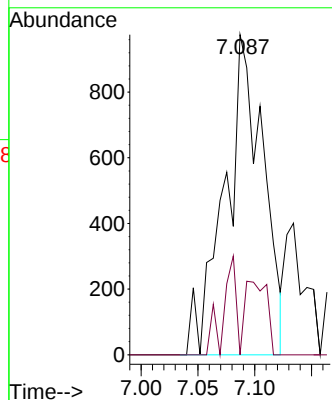
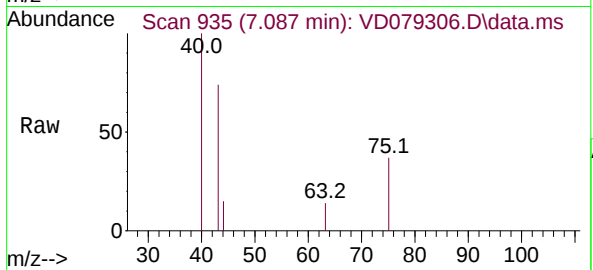




#25
2-Butanone
Concen: 6.800 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

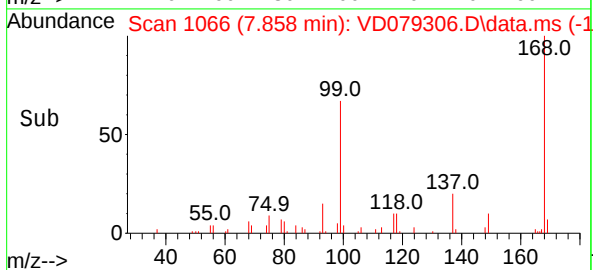
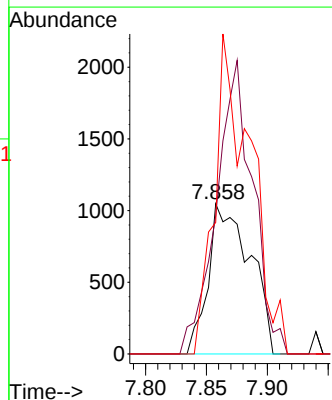
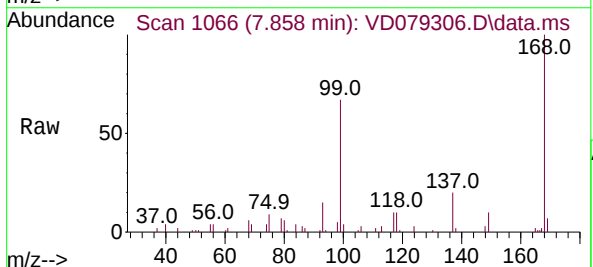
Instrument :
MSVOA_D
ClientSampleId :

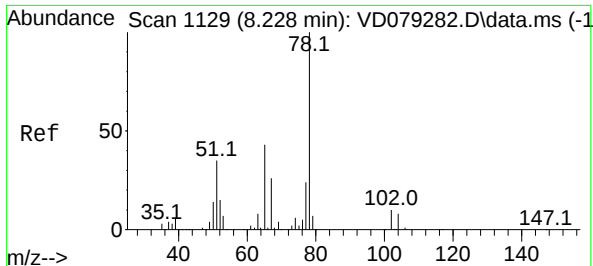
Tgt Ion: 43 Resp: 2274
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.858 min Scan# 1066
Delta R.T. -0.018 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 56 Resp: 2500
Ion Ratio Lower Upper
56 100
69 92.0 28.0 42.0#
84 87.5 87.4 131.0

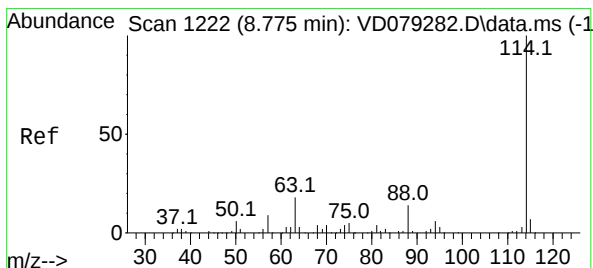
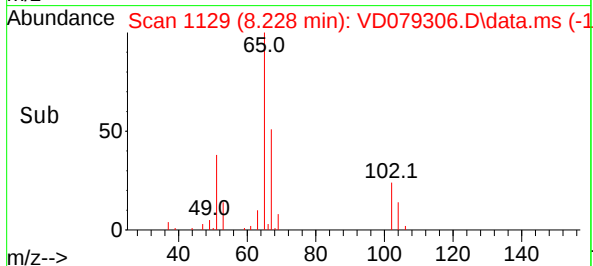
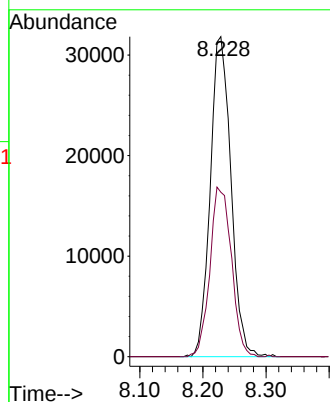
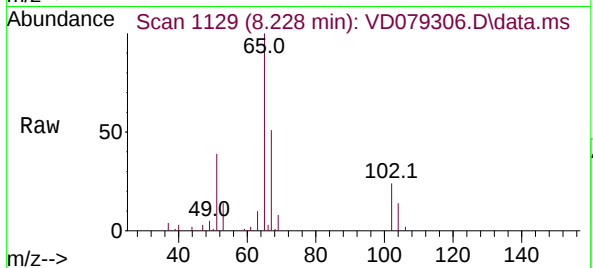




#33
 1,2-Dichloroethane-d4
 Concen: 75.391 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079306.D
 Acq: 01 Jul 2024 19:53

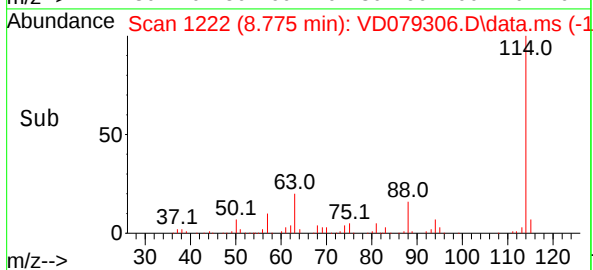
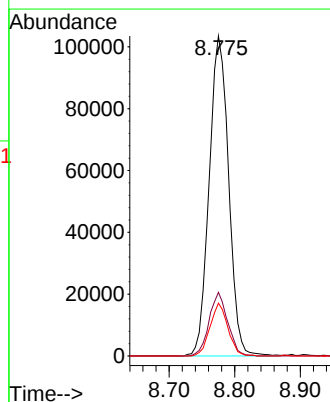
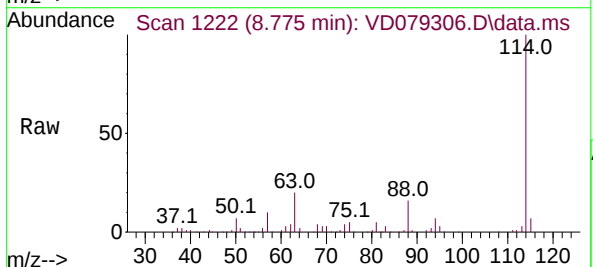
Instrument :
 MSVOA_D
 ClientSampleId :

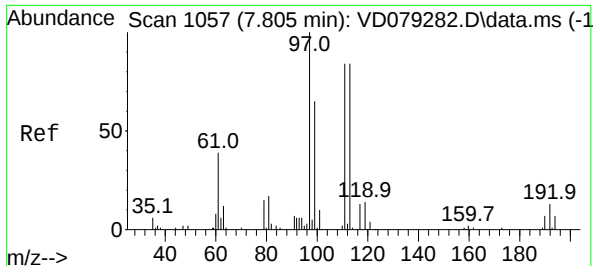
Tgt Ion: 65 Resp: 72514
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD079306.D
 Acq: 01 Jul 2024 19:53

Tgt Ion: 114 Resp: 213627
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 34.0
 88 16.5 0.0 27.2

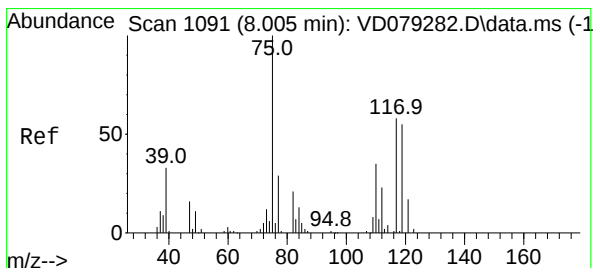
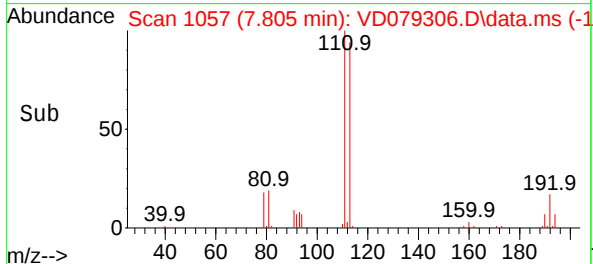
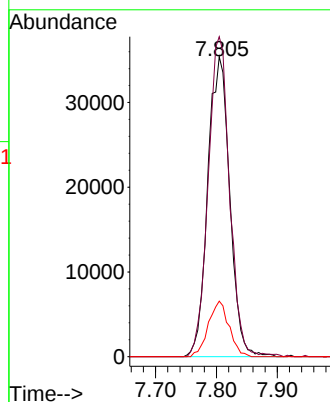
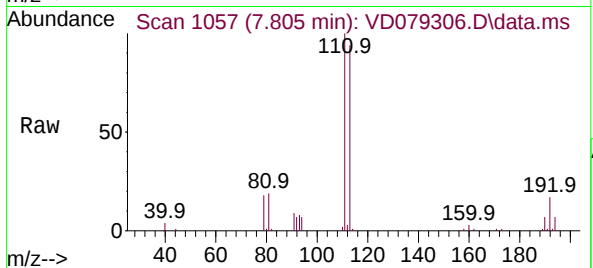




#35
Dibromofluoromethane
Concen: 63.371 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

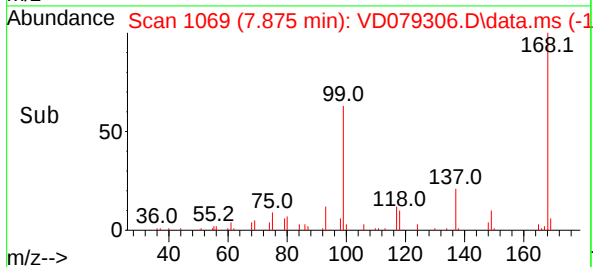
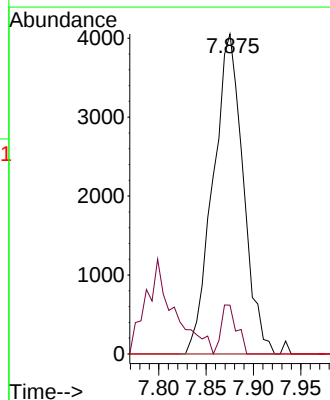
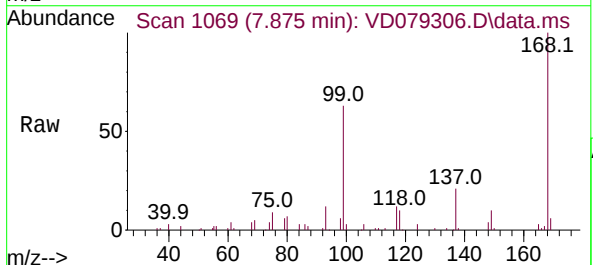
Instrument :
MSVOA_D
ClientSampleId :

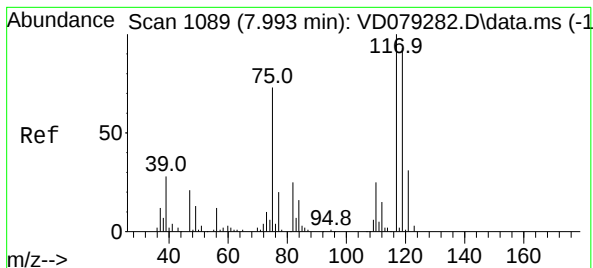
Tgt Ion:113 Resp: 88862
Ion Ratio Lower Upper
113 100
111 104.1 84.0 126.0
192 17.4 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.114 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD079306.D
Acq: 01 Jul 2024 19:53

Tgt Ion: 75 Resp: 8963
Ion Ratio Lower Upper
75 100
110 7.9 19.6 58.7#
77 0.0 26.1 39.1#





#38

Carbon Tetrachloride

Concen: 5.083 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

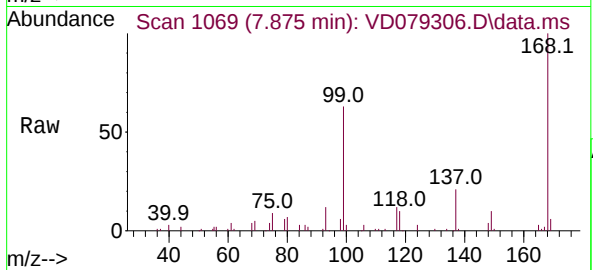
Lab File: VD079306.D

Acq: 01 Jul 2024 19:53

Instrument :

MSVOA_D

ClientSampleId :



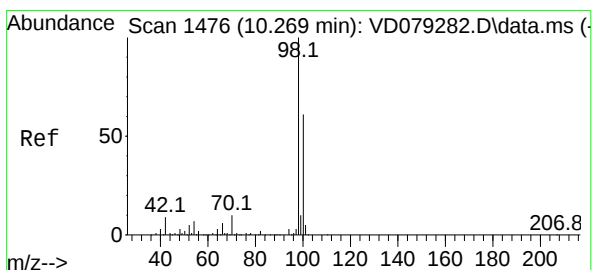
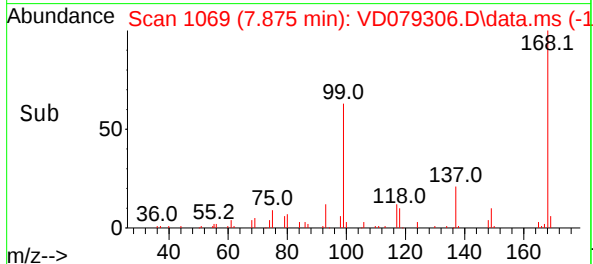
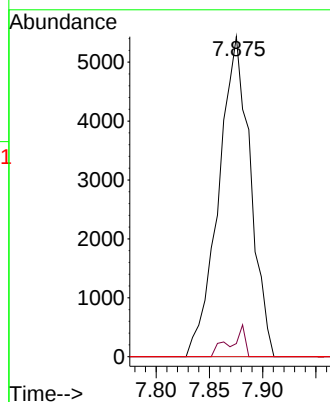
Tgt Ion:117 Resp: 11245

Ion Ratio Lower Upper

117 100

119 4.1 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 52.358 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079306.D

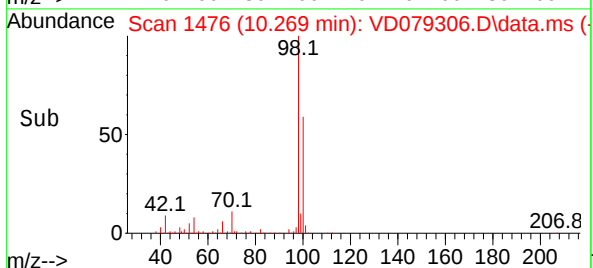
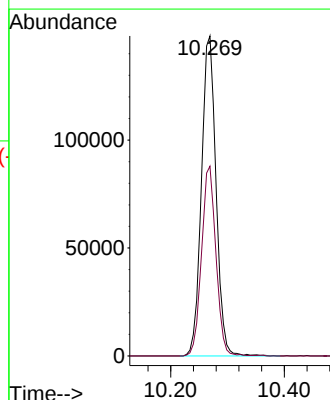
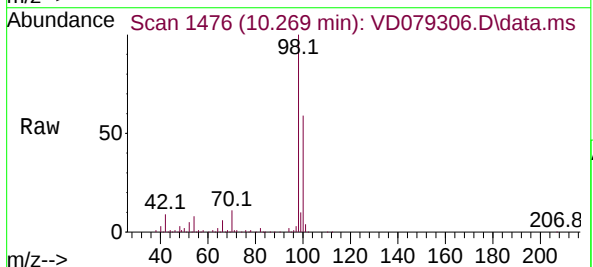
Acq: 01 Jul 2024 19:53

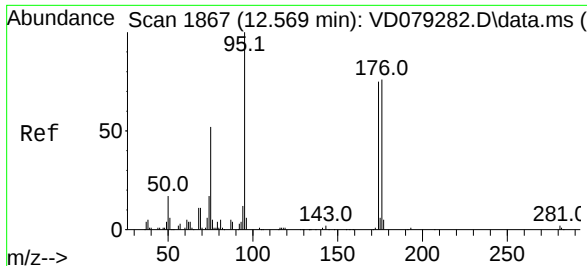
Tgt Ion: 98 Resp: 264125

Ion Ratio Lower Upper

98 100

100 58.5 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 50.729 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD079306.D

Acq: 01 Jul 2024 19:53

Instrument :

MSVOA_D

ClientSampleId :

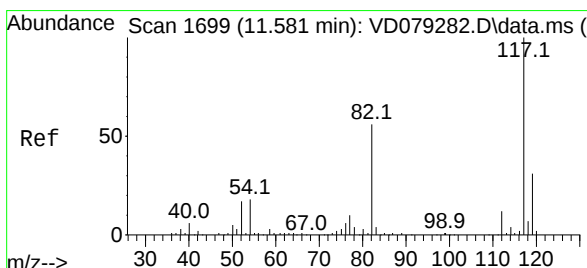
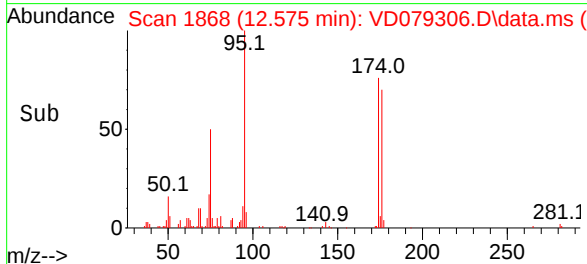
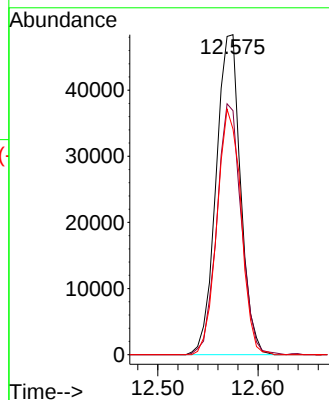
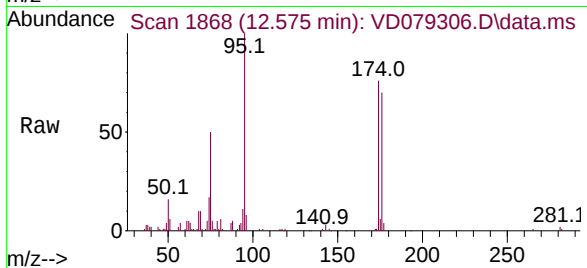
Tgt Ion: 95 Resp: 82061

Ion Ratio Lower Upper

95 100

174 78.2 0.0 195.4

176 75.4 0.0 192.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VD079306.D

Acq: 01 Jul 2024 19:53

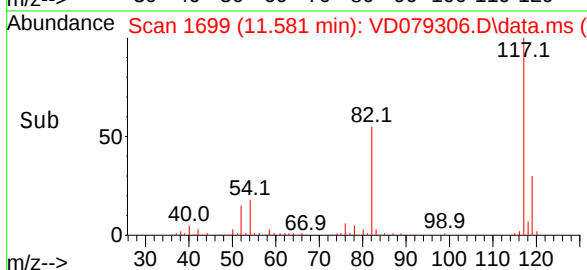
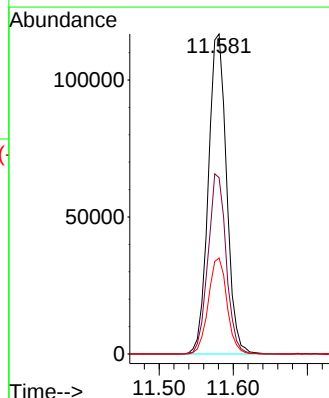
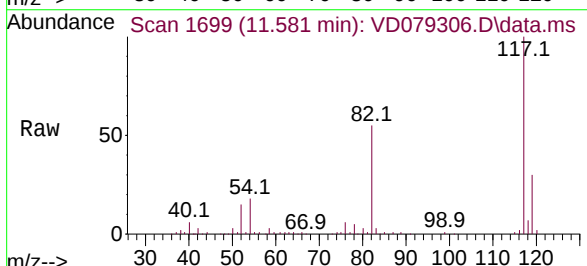
Tgt Ion: 117 Resp: 199732

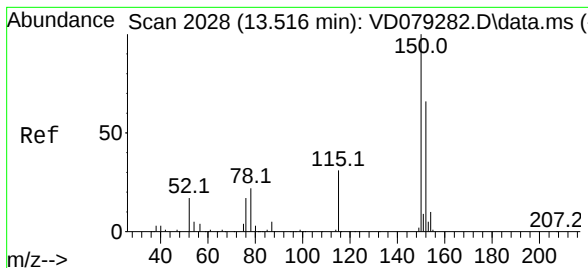
Ion Ratio Lower Upper

117 100

82 55.1 39.8 59.6

119 30.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. 0.000 min

Lab File: VD079306.D

Acq: 01 Jul 2024 19:53

Instrument :

MSVOA_D

ClientSampleId :

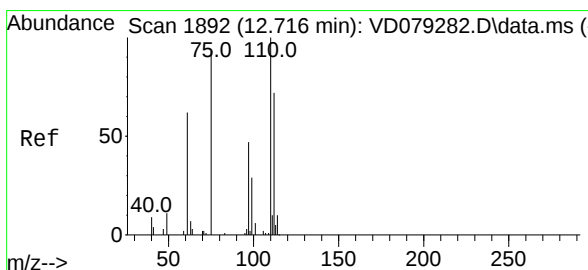
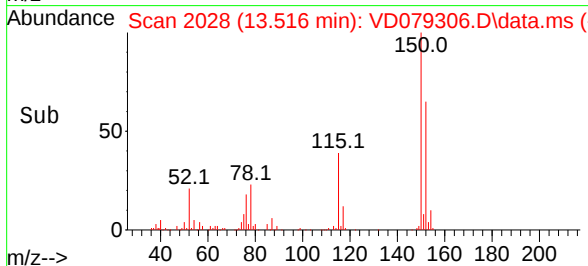
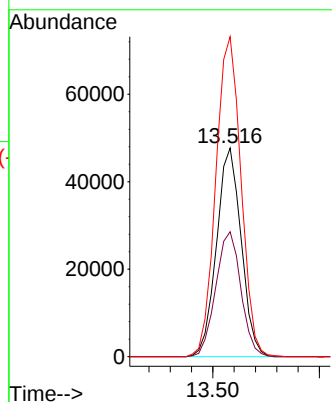
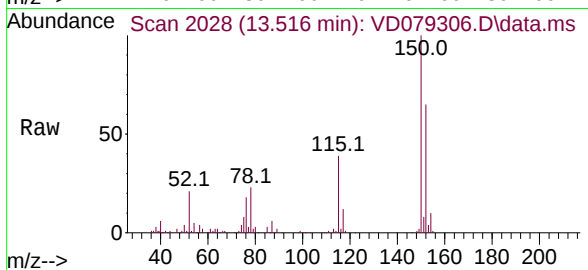
Tgt Ion:152 Resp: 76573

Ion Ratio Lower Upper

152 100

115 61.0 26.5 79.5

150 156.4 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 56.815 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079306.D

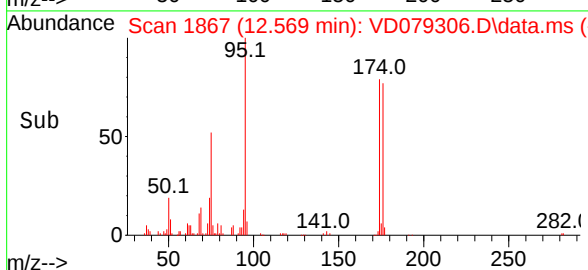
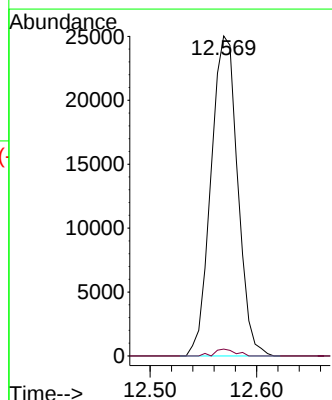
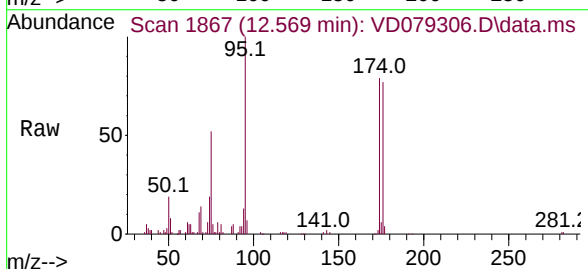
Acq: 01 Jul 2024 19:53

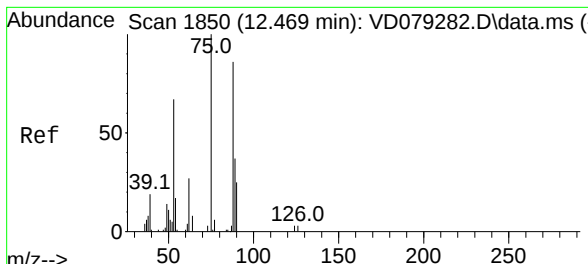
Tgt Ion: 75 Resp: 43538

Ion Ratio Lower Upper

75 100

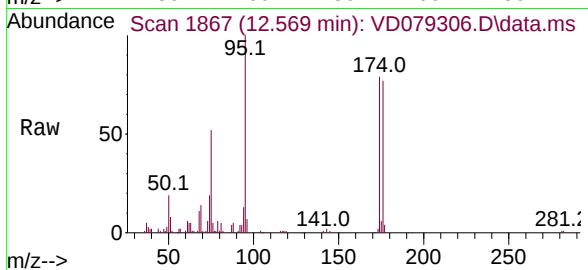
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.427 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079306.D
 Acq: 01 Jul 2024 19:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	43538
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

