

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079720.D
 Acq On : 13 Aug 2024 16:37
 Operator : RP/MD
 Sample : P3474-03
 Misc : 6.79G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 14 05:52:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	130281	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	268097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	227216	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	83096	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88427	58.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.000%
35) Dibromofluoromethane	7.805	113	92070	55.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.420%
50) Toluene-d8	10.263	98	371746	53.816	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.640%
62) 4-Bromofluorobenzene	12.569	95	84922	43.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.820%

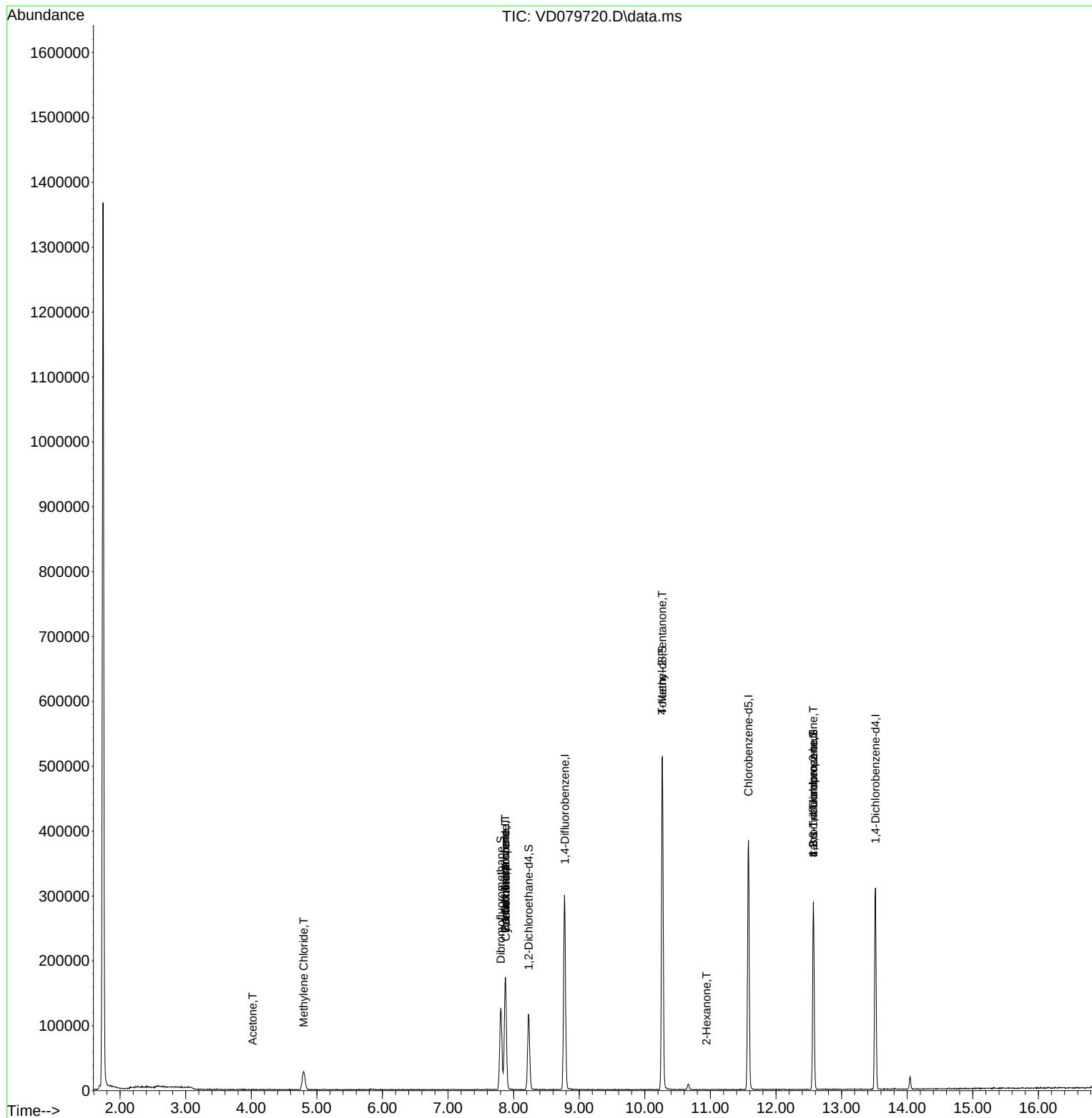
Target Compounds					Qvalue	
16) Acetone	4.022	43	314	16.877	ug/l #	37
20) Methylene Chloride	4.799	84	22128	5.604	ug/l #	80
31) Cyclohexane	7.881	56	3130	1.142	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	11426	4.460	ug/l #	47
38) Carbon Tetrachloride	7.875	117	13642	5.246	ug/l #	15
51) 4-Methyl-2-Pentanone	10.263	43	1365	1.312	ug/l #	1
59) 2-Hexanone	10.940	43	59	8.017	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	43449	64.139	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	43449	109.302	ug/l #	19

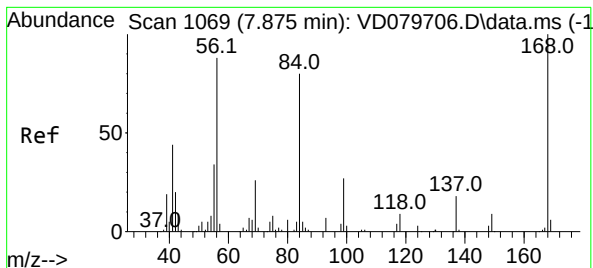
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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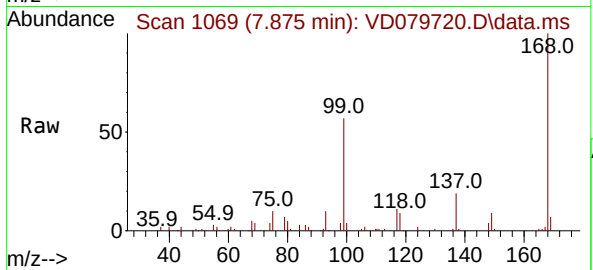
Quant Time: Aug 14 05:52:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
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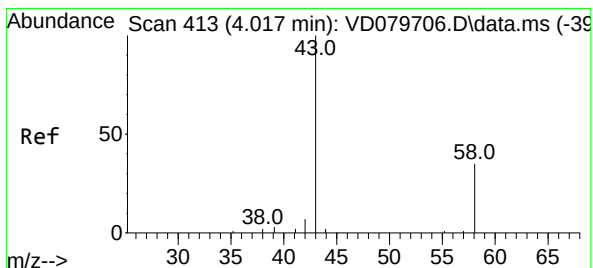
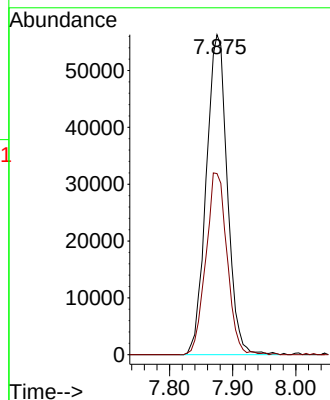
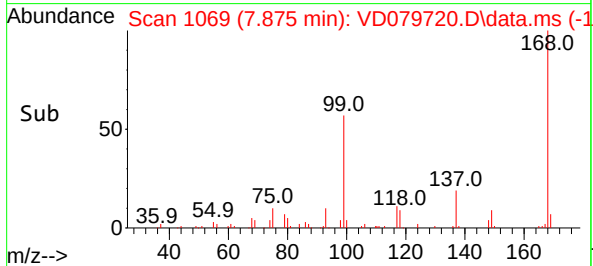


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Instrument :
MSVOA_D
ClientSampleId :

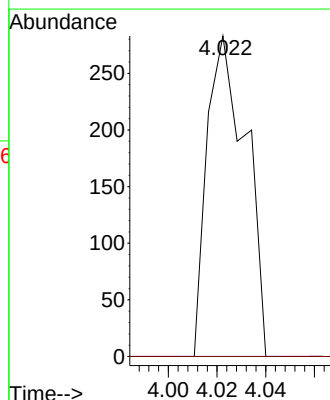
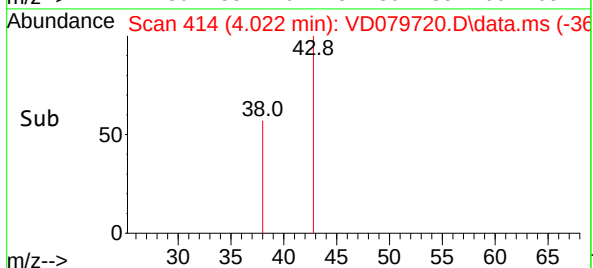
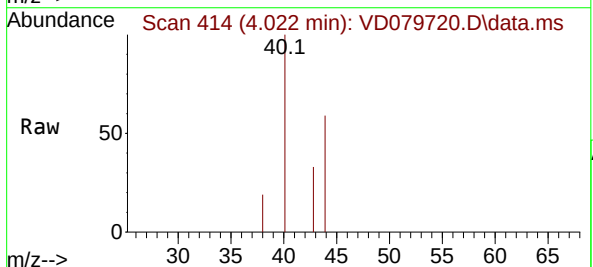


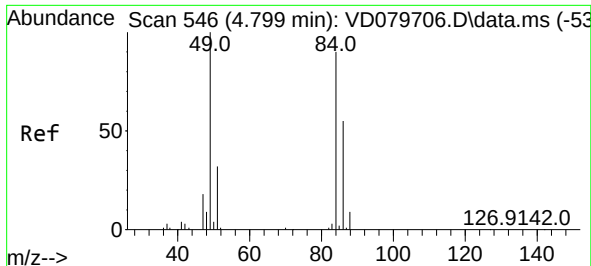
Tgt Ion:168 Resp: 130281
Ion Ratio Lower Upper
168 100
99 56.6 41.1 61.7



#16
Acetone
Concen: 16.877 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Tgt Ion: 43 Resp: 314
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

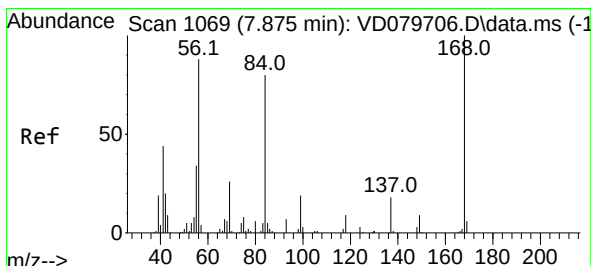
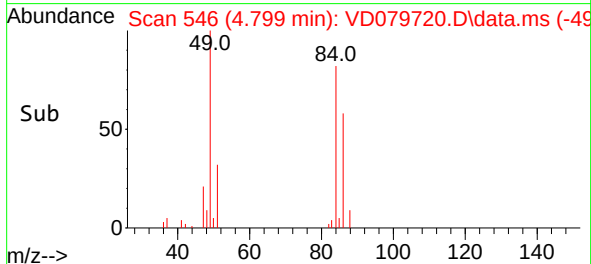
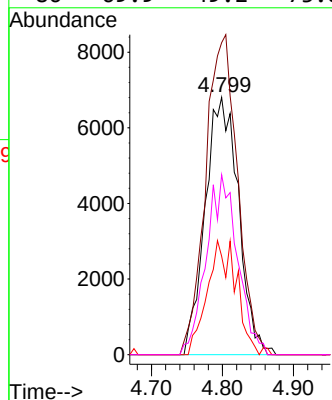
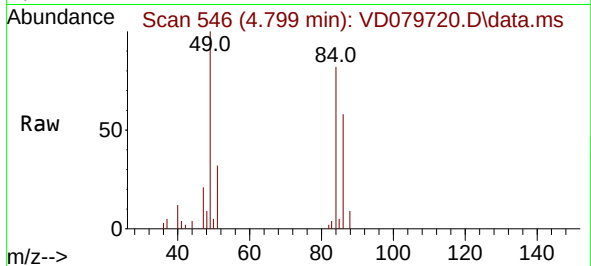




#20
Methylene Chloride
Concen: 5.604 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

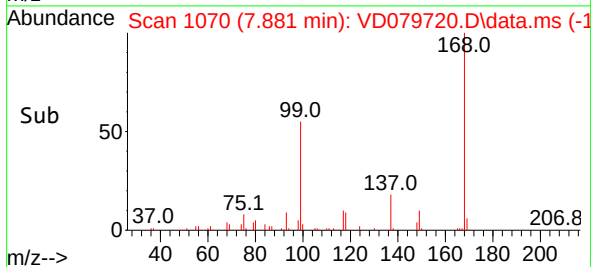
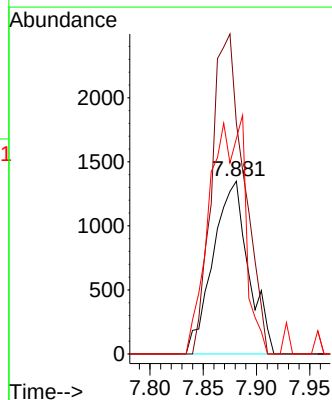
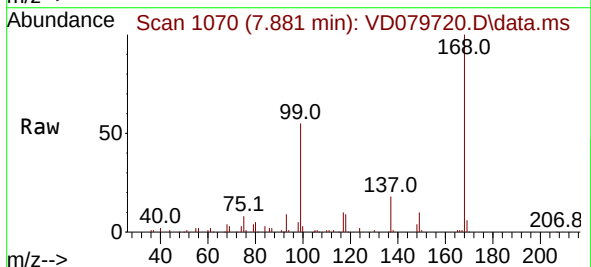
Instrument :
MSVOA_D
ClientSampleId :

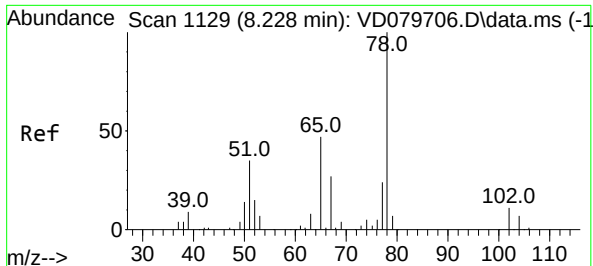
Tgt Ion:	84	Resp:	22128
Ion	Ratio	Lower	Upper
84	100		
49	121.3	75.6	113.4#
51	38.2	24.2	36.2#
86	69.9	49.2	73.8



#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Tgt Ion:	56	Resp:	3130
Ion	Ratio	Lower	Upper
56	100		
69	133.6	28.0	42.0#
84	124.6	87.4	131.0





#33

1,2-Dichloroethane-d4

Concen: 58.996 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

Instrument :

MSVOA_D

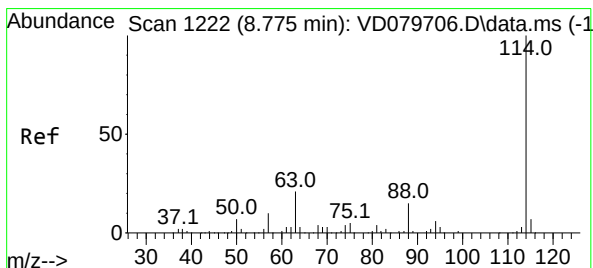
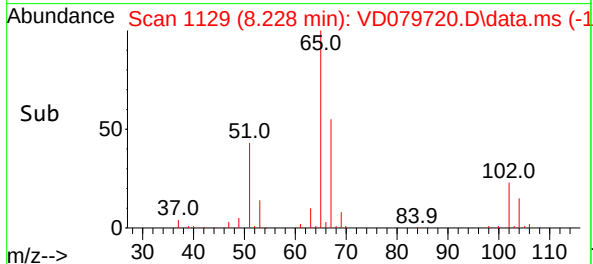
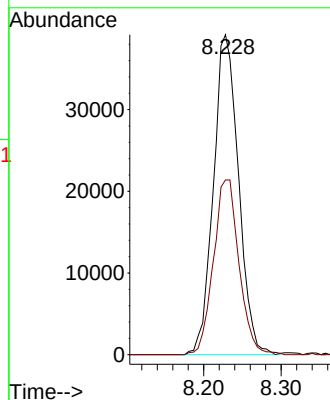
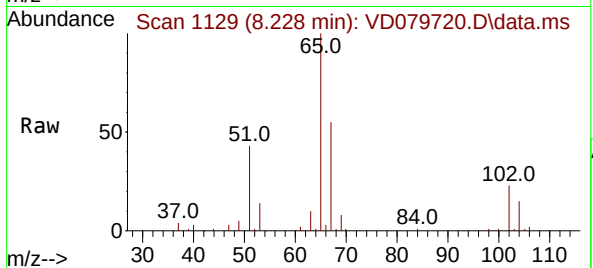
ClientSampleId :

Tgt Ion: 65 Resp: 88427

Ion Ratio Lower Upper

65 100

67 55.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

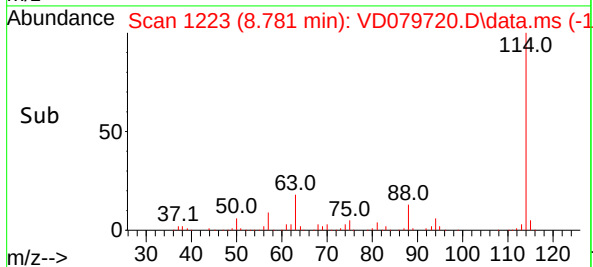
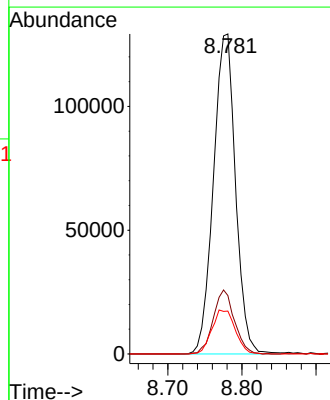
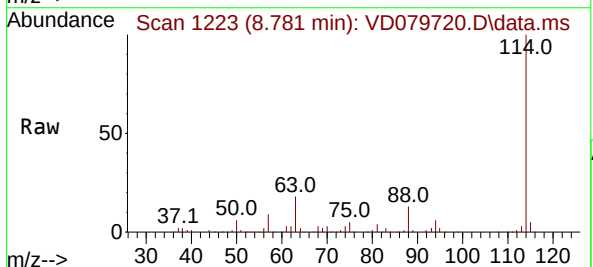
Tgt Ion:114 Resp: 268097

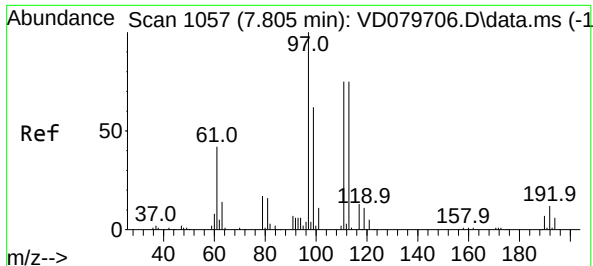
Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 55.706 ug/l

RT: 7.805 min Scan# 1069

Delta R.T. -0.000 min

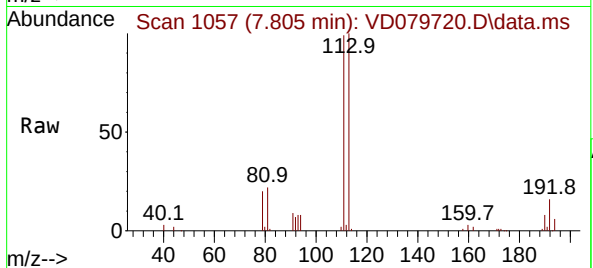
Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

Instrument :

MSVOA_D

ClientSampleId :



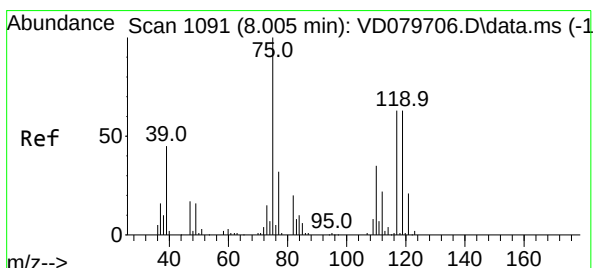
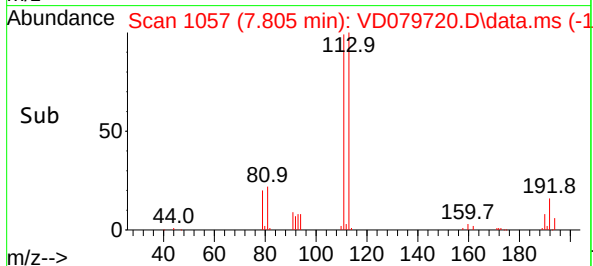
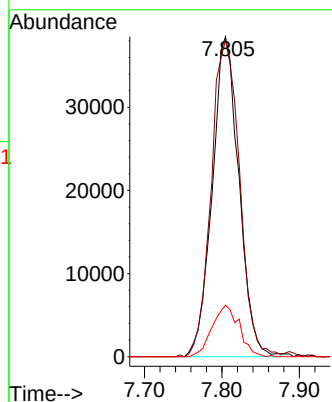
Tgt Ion:113 Resp: 92070

Ion Ratio Lower Upper

113 100

111 105.0 84.0 126.0

192 16.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.460 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079720.D

Acq: 13 Aug 2024 16:37

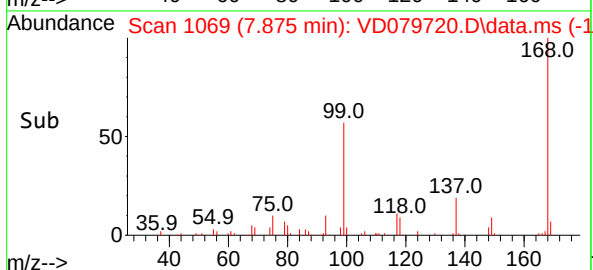
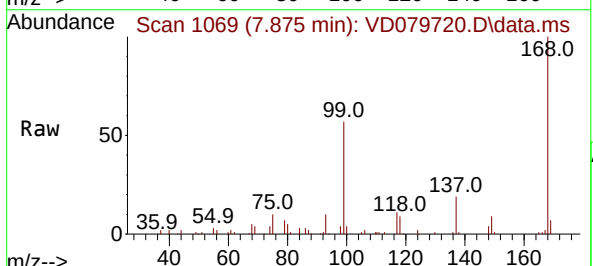
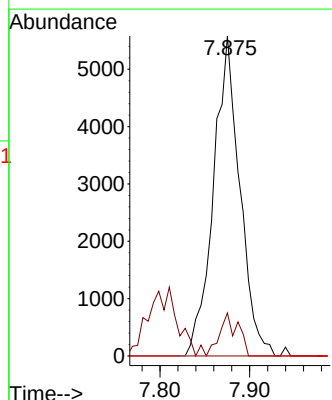
Tgt Ion: 75 Resp: 11426

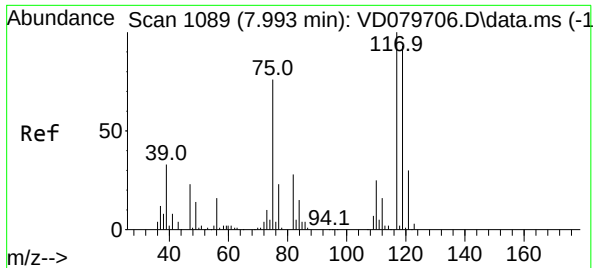
Ion Ratio Lower Upper

75 100

110 9.3 19.6 58.7#

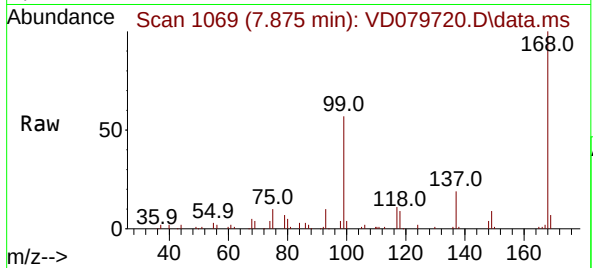
77 0.0 26.1 39.1#



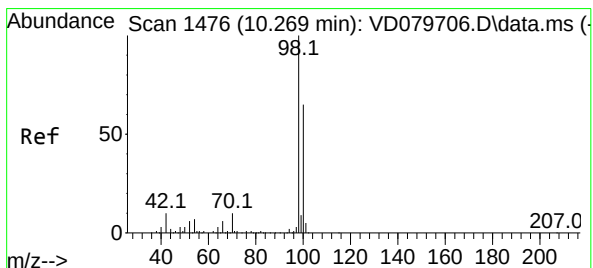
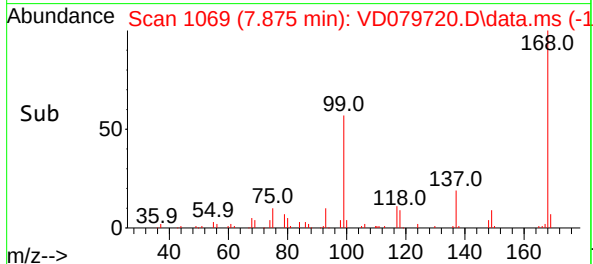
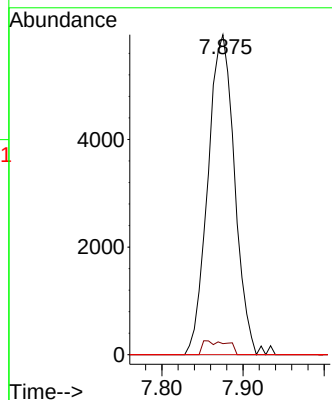


#38
Carbon Tetrachloride
Concen: 5.246 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Instrument :
MSVOA_D
ClientSampleId :

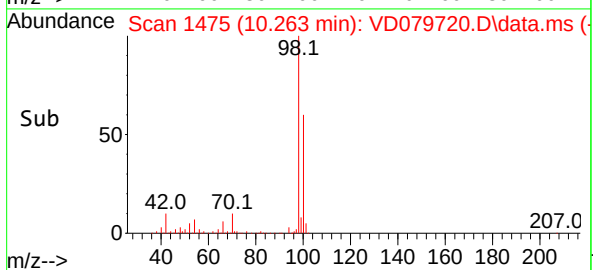
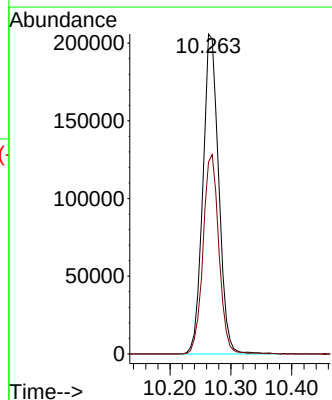
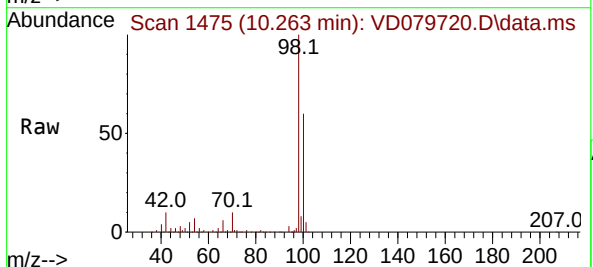


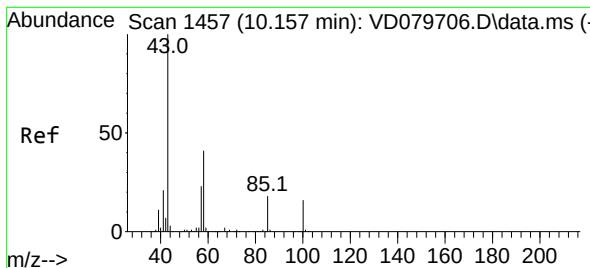
Tgt Ion:117 Resp: 13642
Ion Ratio Lower Upper
117 100
119 3.5 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 53.816 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Tgt Ion: 98 Resp: 371746
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4

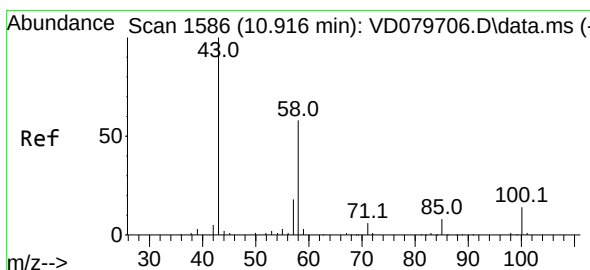
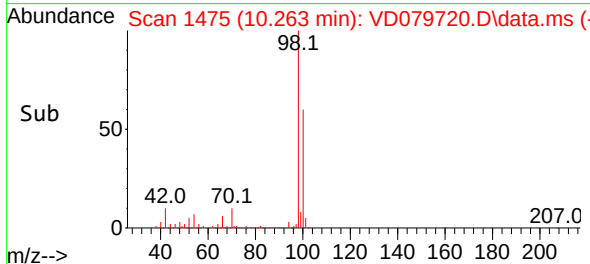
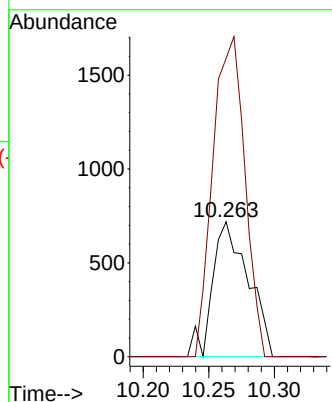
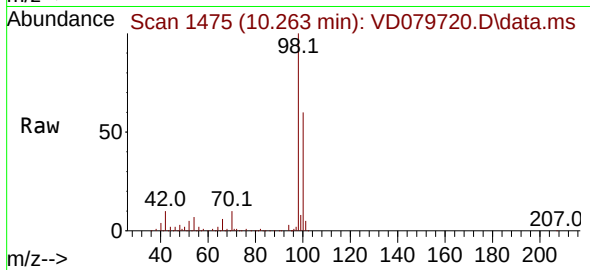




#51
4-Methyl-2-Pentanone
Concen: 1.312 ug/l
RT: 10.263 min Scan# 1457
Delta R.T. 0.106 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

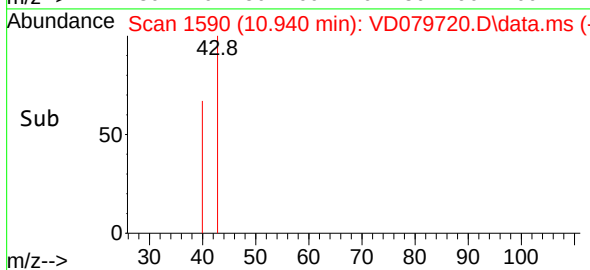
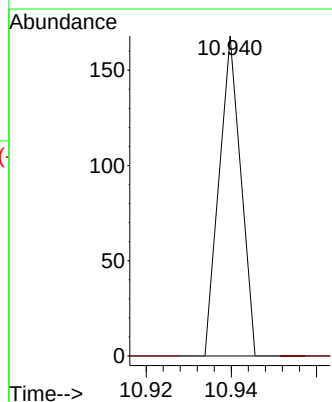
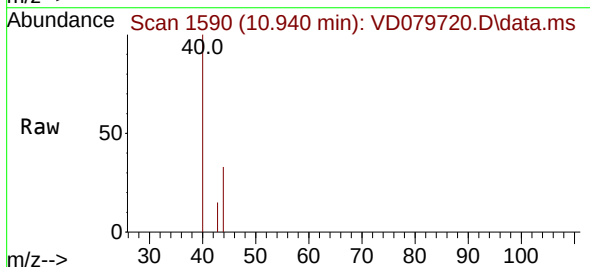
Instrument :
MSVOA_D
ClientSampleId :

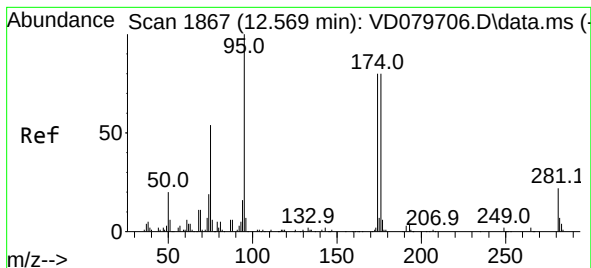
Tgt Ion: 43 Resp: 1365
Ion Ratio Lower Upper
43 100
58 211.6 36.6 55.0#



#59
2-Hexanone
Concen: 8.017 ug/l
RT: 10.940 min Scan# 1590
Delta R.T. 0.024 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#

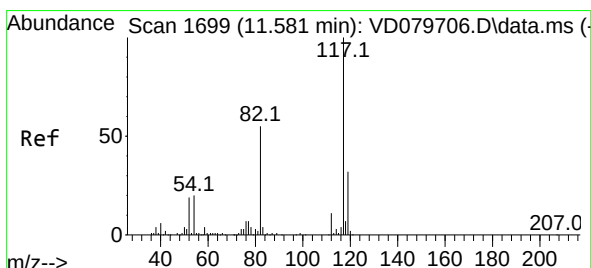
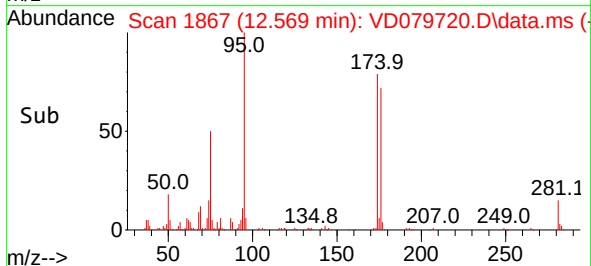
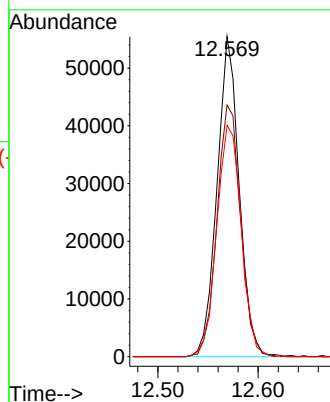
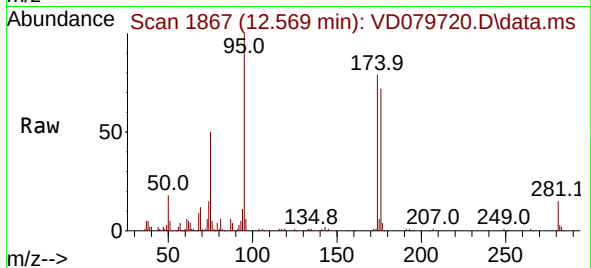




#62
4-Bromofluorobenzene
Concen: 43.907 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

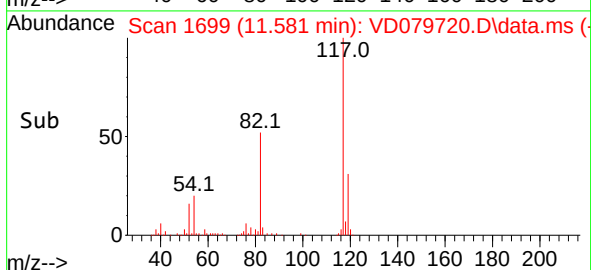
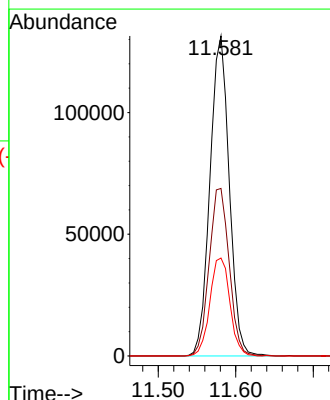
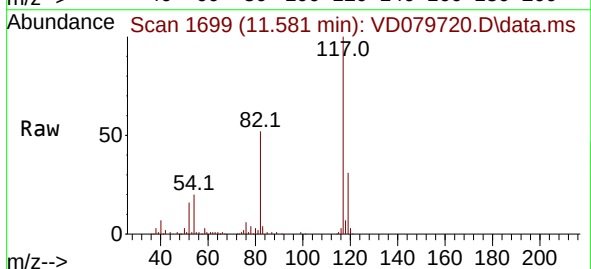
Instrument :
MSVOA_D
ClientSampleId :

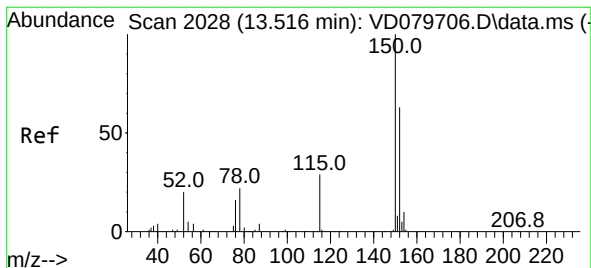
Tgt Ion: 95 Resp: 84922
Ion Ratio Lower Upper
95 100
174 84.3 0.0 195.4
176 80.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079720.D
Acq: 13 Aug 2024 16:37

Tgt Ion: 117 Resp: 227216
Ion Ratio Lower Upper
117 100
82 52.3 39.8 59.6
119 30.6 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: VD079720.D

Acq: 13 Aug 2024 16:37

Instrument :

MSVOA_D

ClientSampleId :

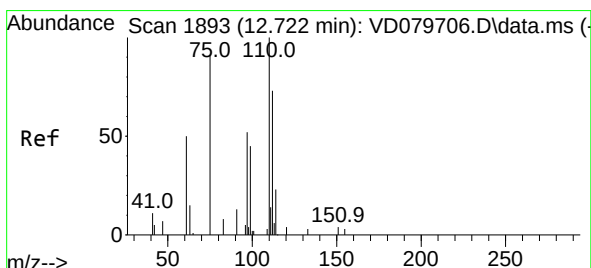
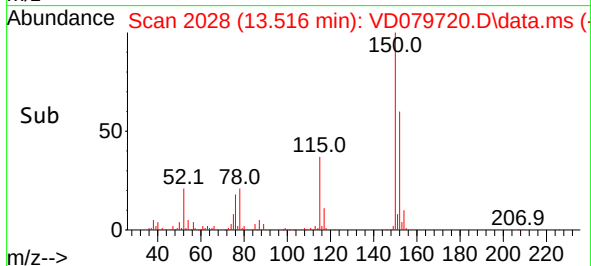
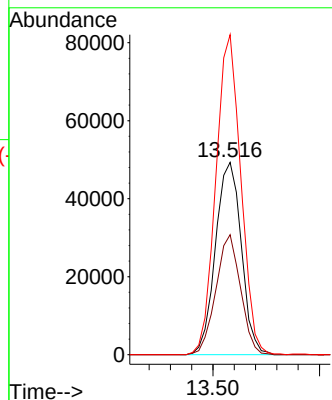
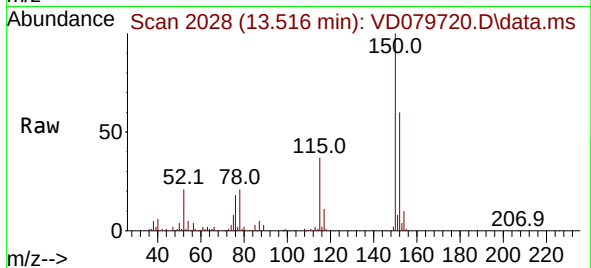
Tgt Ion:152 Resp: 83096

Ion Ratio Lower Upper

152 100

115 59.3 26.5 79.5

150 160.6 0.0 341.6



#76

1,2,3-Trichloropropane

Concen: 64.139 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD079720.D

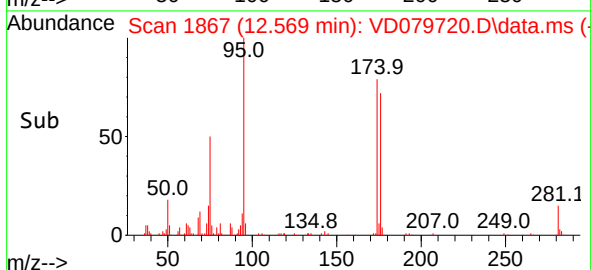
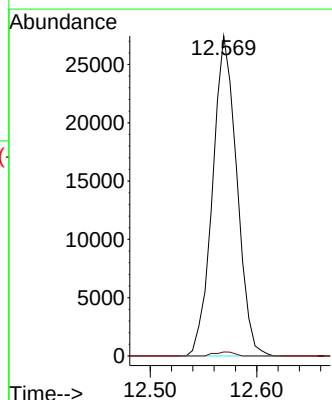
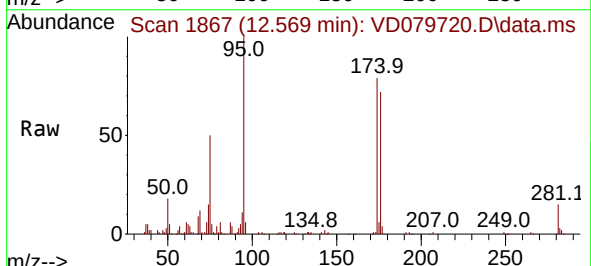
Acq: 13 Aug 2024 16:37

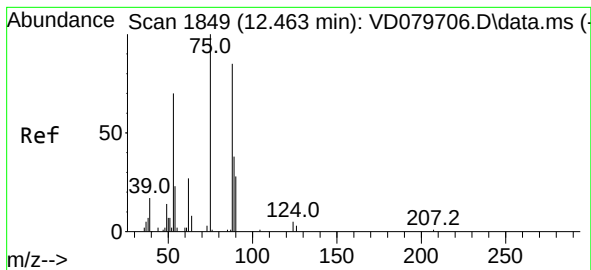
Tgt Ion: 75 Resp: 43449

Ion Ratio Lower Upper

75 100

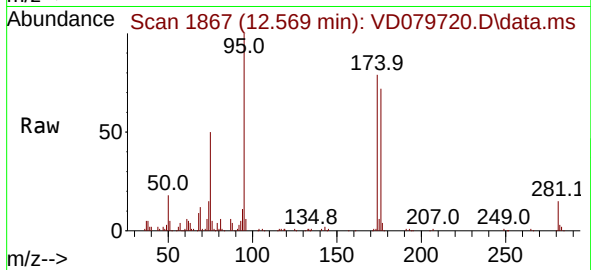
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.302 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD079720.D
 Acq: 13 Aug 2024 16:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	43449
Ion	Ratio	Lower	Upper
75	100		
53	0.2	61.4	92.2#
89	0.1	35.4	53.0#

