

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076262.D
 Acq On : 26 May 2023 16:39
 Operator : KP/SY
 Sample : 02938-01RE
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-052423

Quant Time: May 26 23:16:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

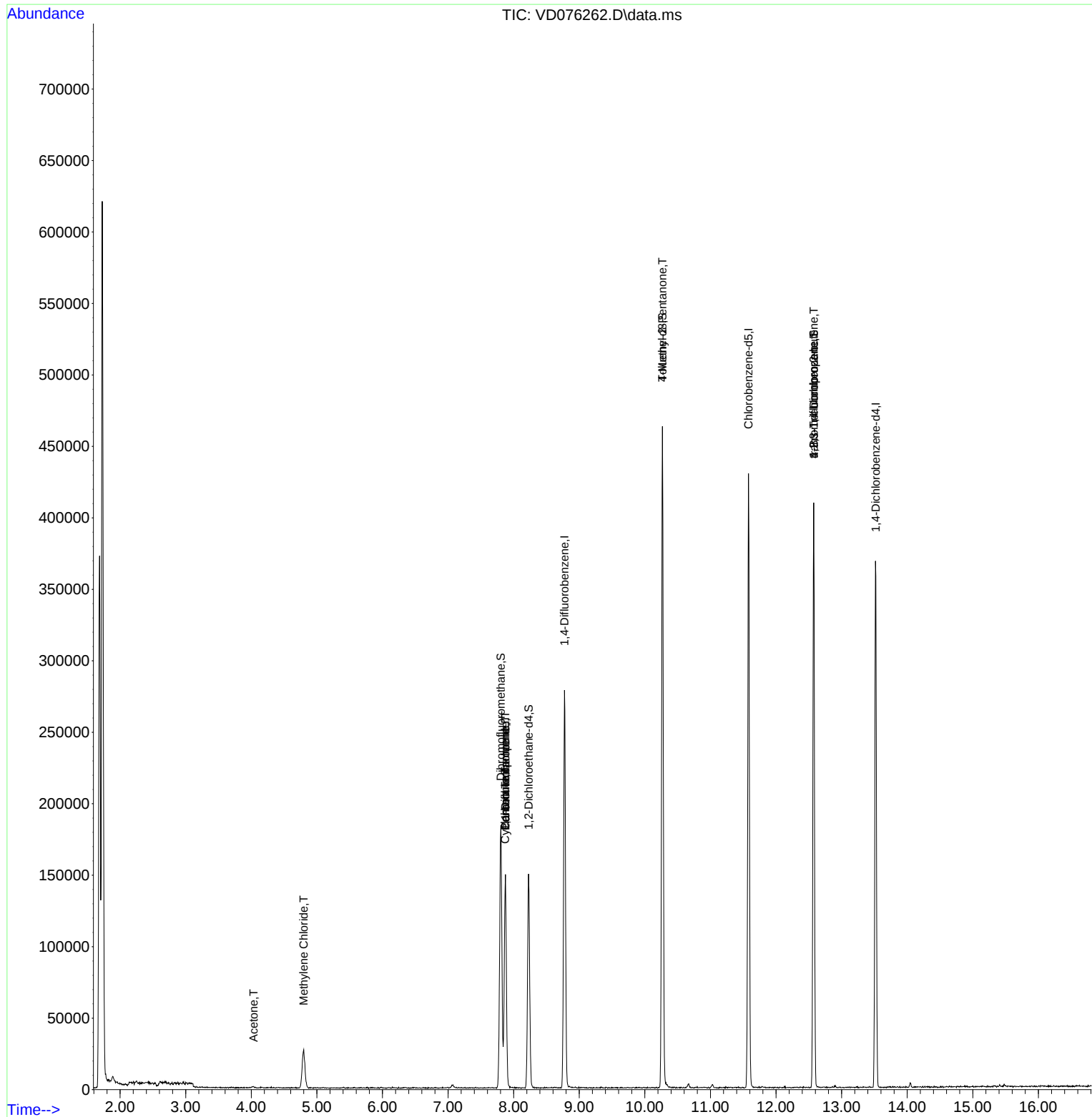
Internal Standards						
1) Pentafluorobenzene	7.875	168	122806	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	264262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	266746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	107931	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111869	94.254	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 188.500%#	
35) Dibromofluoromethane	7.804	113	135214	74.024	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.040%#	
50) Toluene-d8	10.269	98	335142	47.066	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.140%	
62) 4-Bromofluorobenzene	12.575	95	126919	64.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 128.320%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	447	Below Cal	#	40
16) Acetone	4.034	43	1412	5.979	ug/l #	44
20) Methylene Chloride	4.798	84	22430	3.760	ug/l #	74
31) Cyclohexane	7.869	56	2227	1.225	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	8622	3.495	ug/l #	47
38) Carbon Tetrachloride	7.875	117	11164	5.010	ug/l #	16
51) 4-Methyl-2-Pentanone	10.269	43	1100	1.296	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	62372	66.038	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	62372	138.537	ug/l #	5

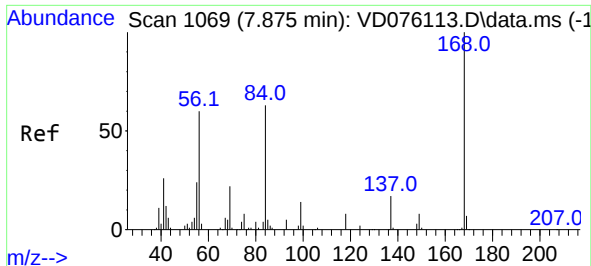
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

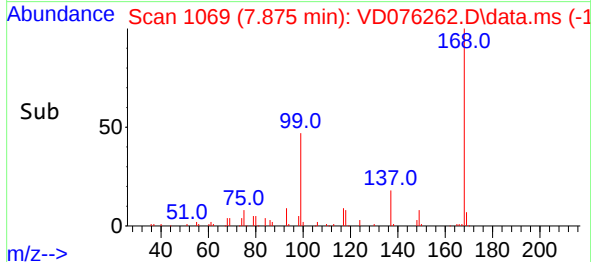
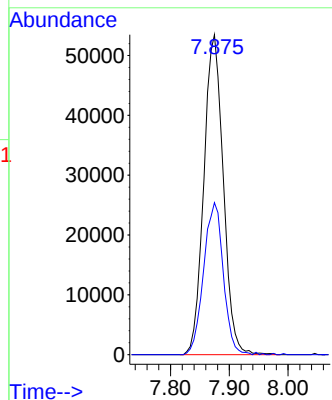
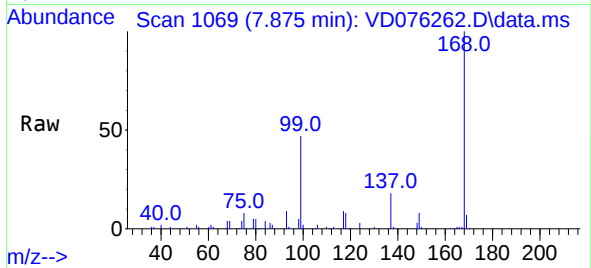




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

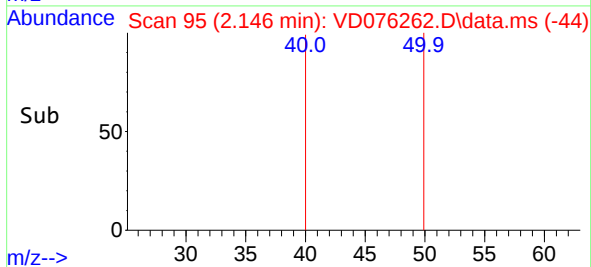
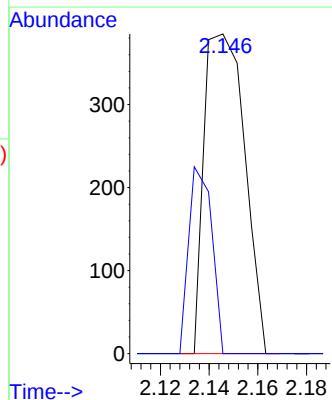
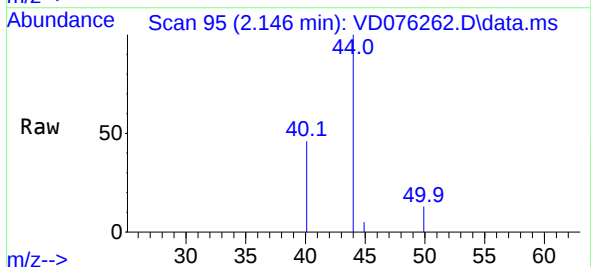
Instrument :
MSVOA_D
ClientSampleId :
SU-04-052423

Tgt Ion:168 Resp: 122806
Ion Ratio Lower Upper
168 100
99 47.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

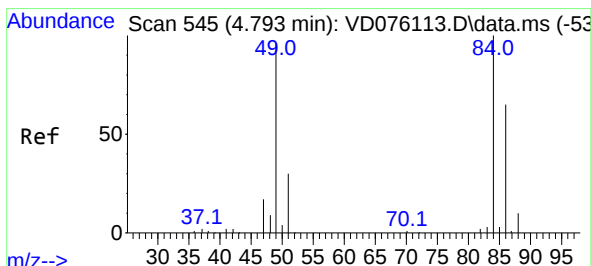
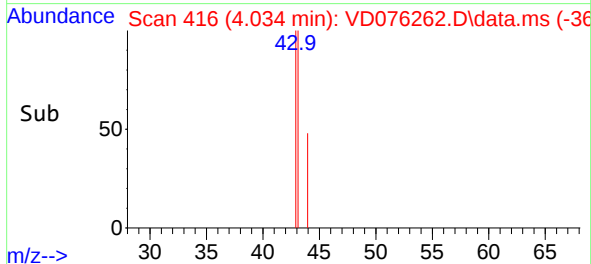
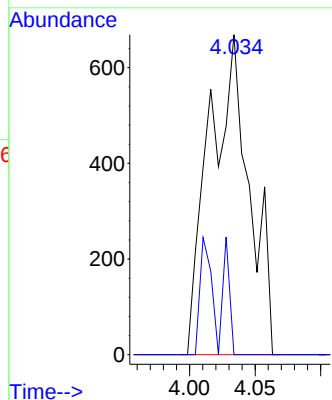
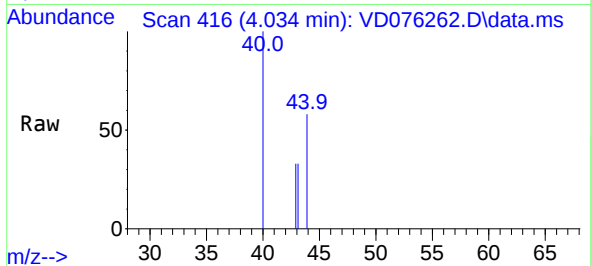




#16
Acetone
Concen: 5.979 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

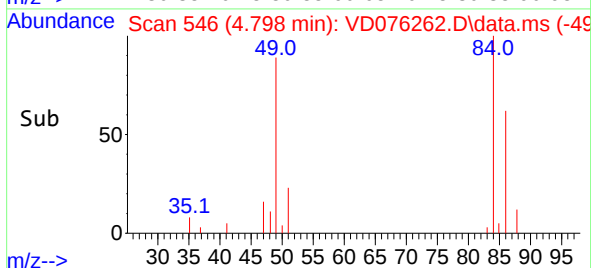
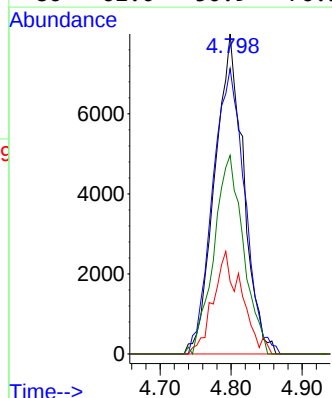
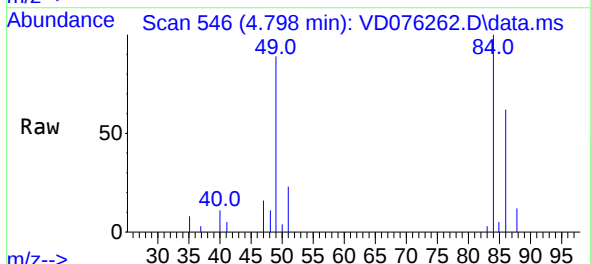
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MSVOA_D
ClientSampleId :
SU-04-052423

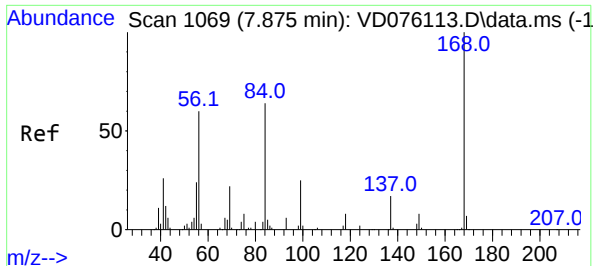
Tgt Ion: 43 Resp: 1412
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#20
Methylene Chloride
Concen: 3.760 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion: 84 Resp: 22430
Ion Ratio Lower Upper
84 100
49 89.2 106.4 159.6#
51 22.6 32.4 48.6#
86 62.0 50.9 76.3

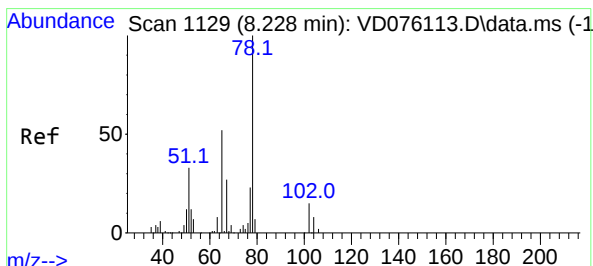
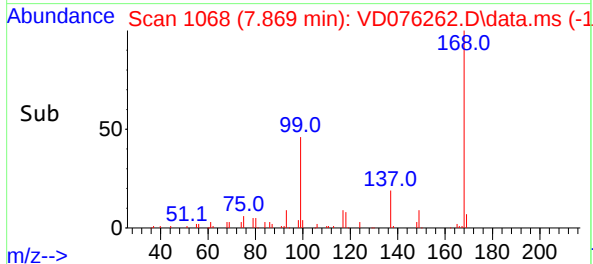
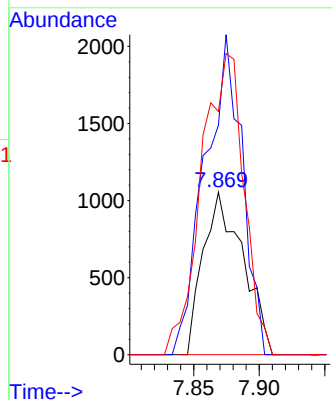
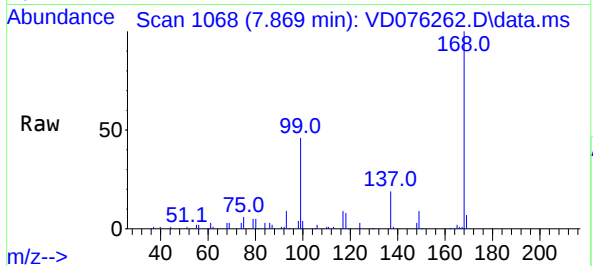




#31
Cyclohexane
Concen: 1.225 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

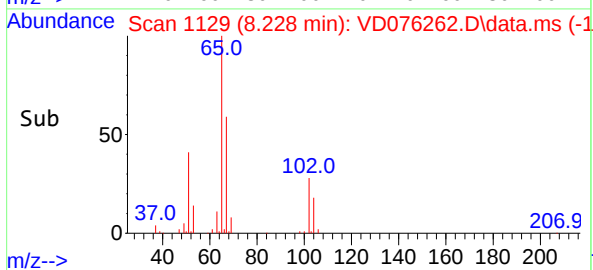
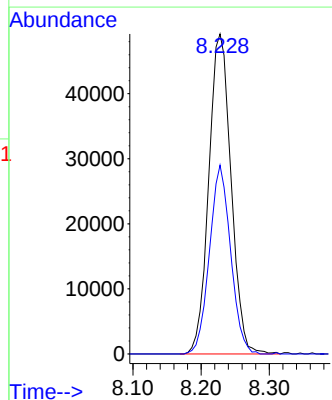
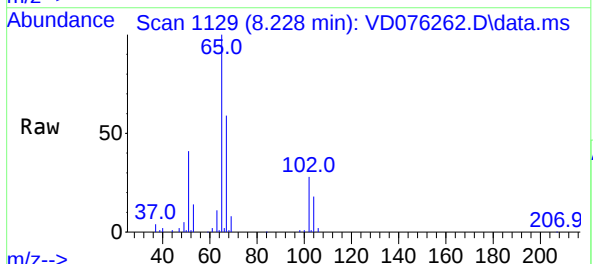
Instrument :
MSVOA_D
ClientSampleId :
SU-04-052423

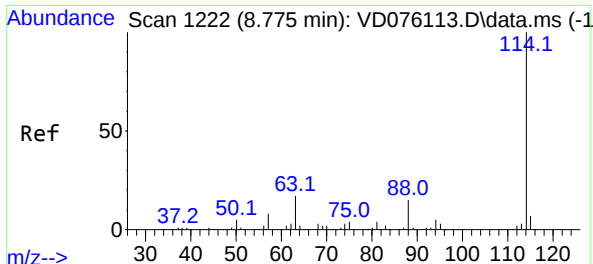
Tgt Ion: 56 Resp: 2227
Ion Ratio Lower Upper
56 100
69 141.1 25.5 38.3#
84 149.6 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 94.254 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion: 65 Resp: 111869
Ion Ratio Lower Upper
65 100
67 56.0 0.0 102.2



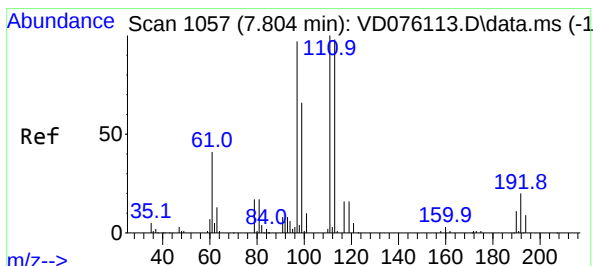
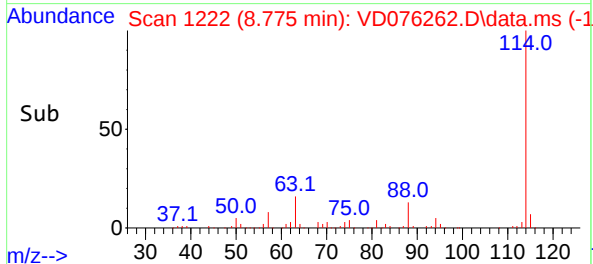
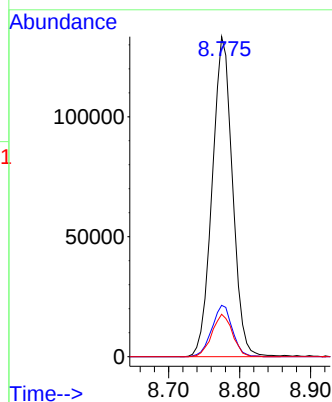
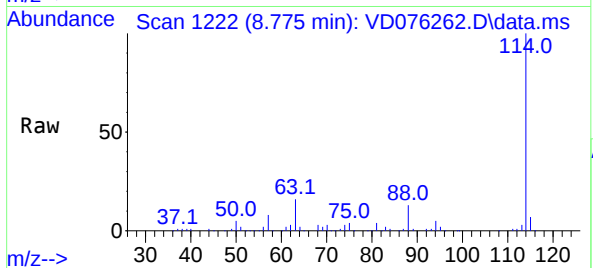


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
SU-04-052423

Tgt Ion:114 Resp: 264262

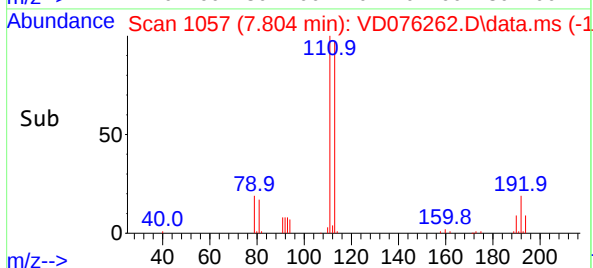
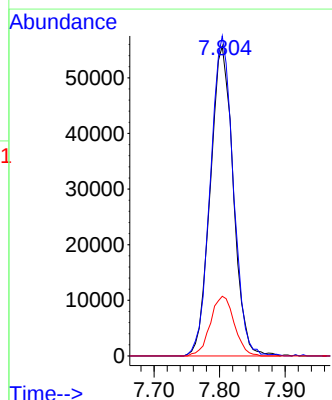
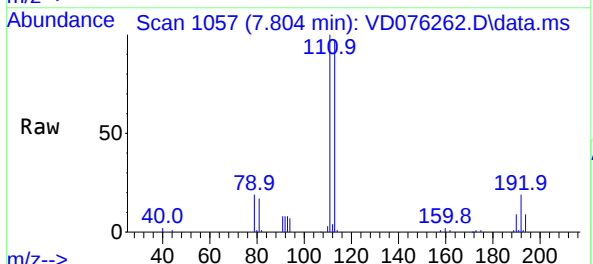
Ion	Ratio	Lower	Upper
114	100		
63	16.0	0.0	41.6
88	13.3	0.0	30.6

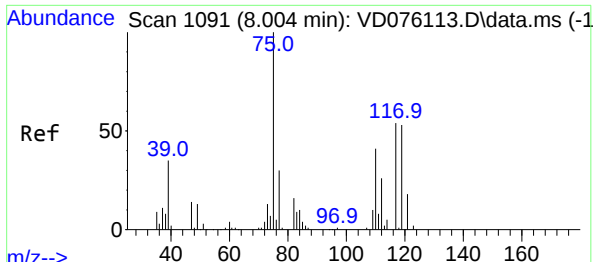


#35
Dibromofluoromethane
Concen: 74.024 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion:113 Resp: 135214

Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.4	122.0
192	20.1	15.2	22.8

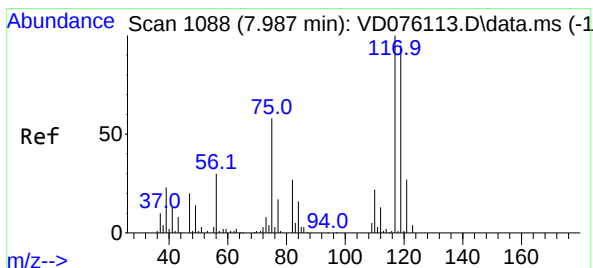
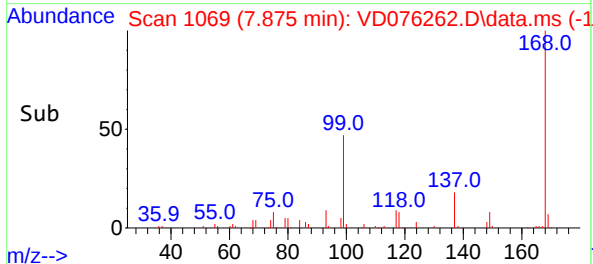
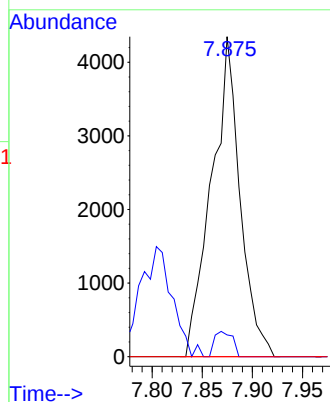
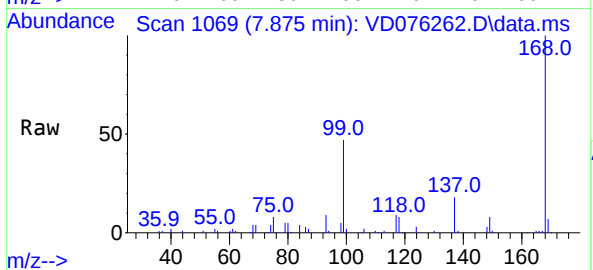




#36
1,1-Dichloropropene
Concen: 3.495 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

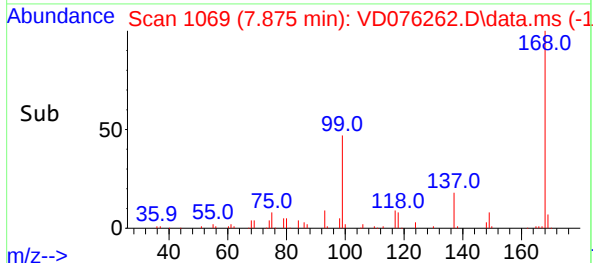
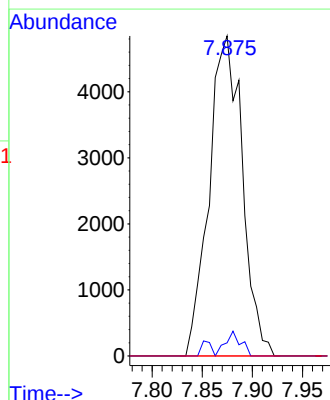
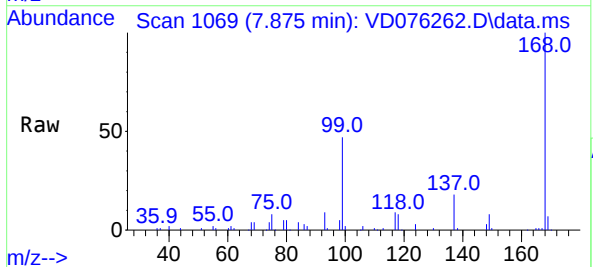
Instrument :
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ClientSampleId :
SU-04-052423

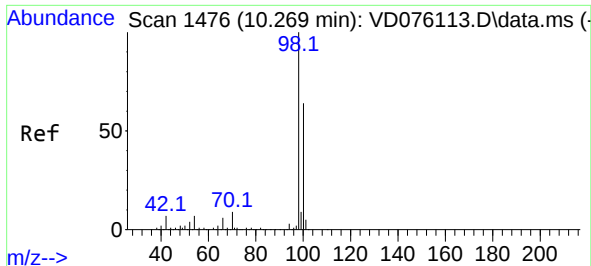
Tgt Ion: 75 Resp: 8622
Ion Ratio Lower Upper
75 100
110 5.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.010 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion: 117 Resp: 11164
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 25.9 38.9#

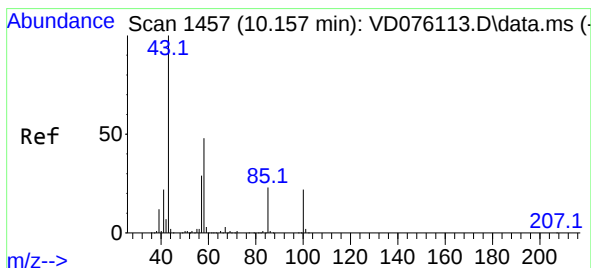
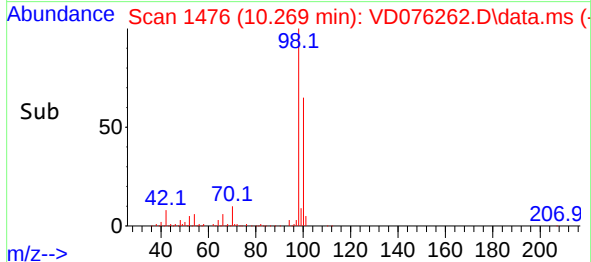
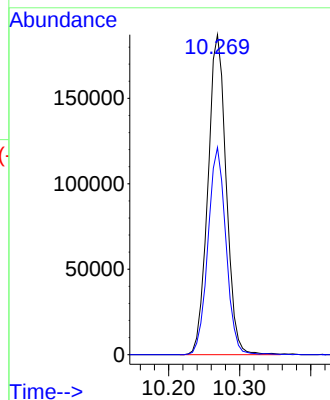
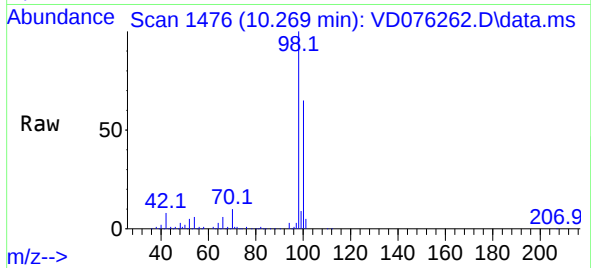




#50
Toluene-d8
Concen: 47.066 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

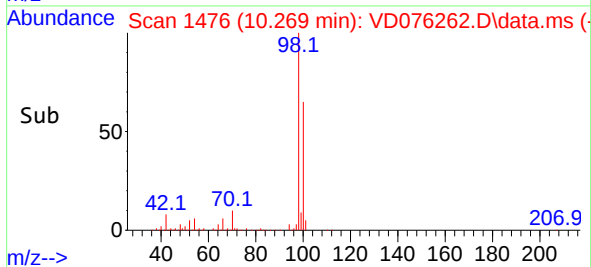
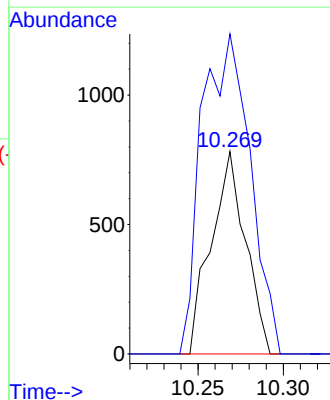
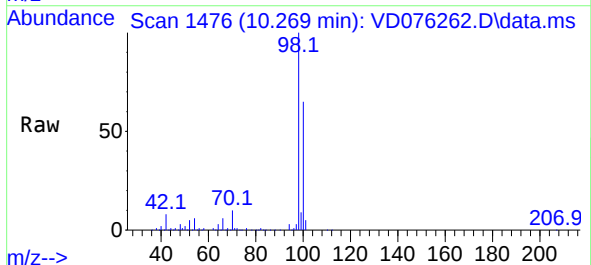
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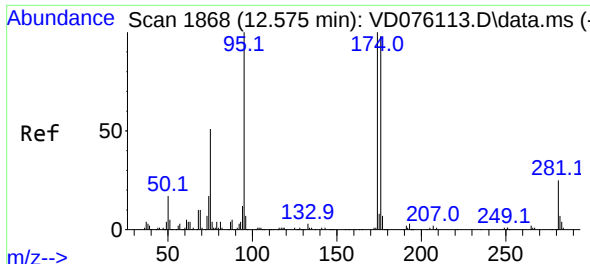
Tgt Ion: 98 Resp: 335142
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.296 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 221.5 29.5 44.3#

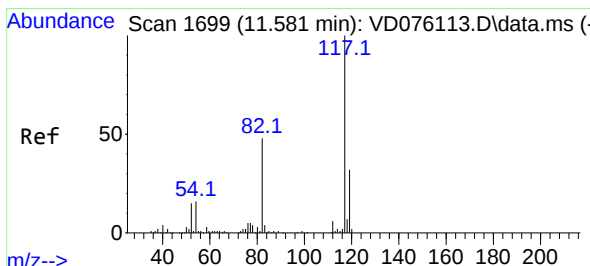
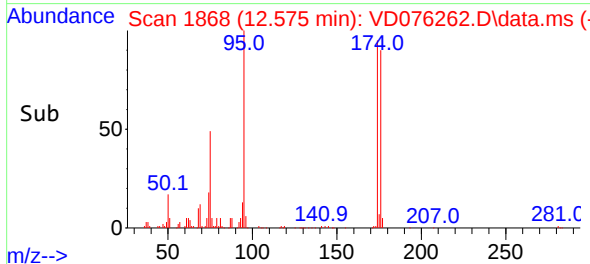
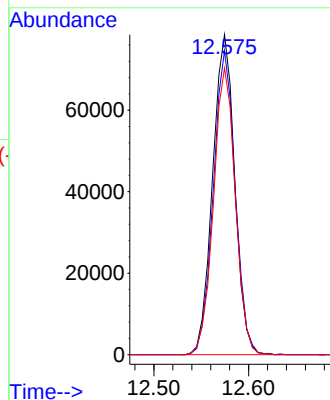
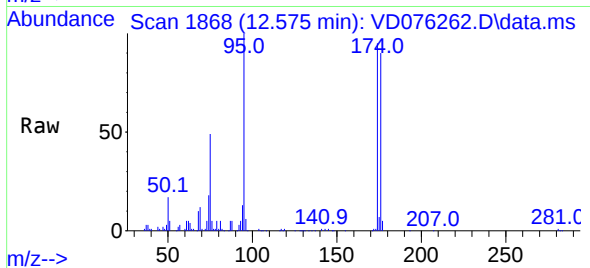




#62
4-Bromofluorobenzene
Concen: 64.165 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

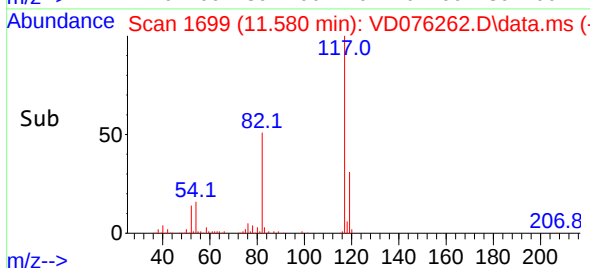
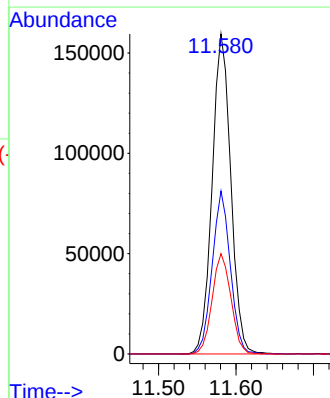
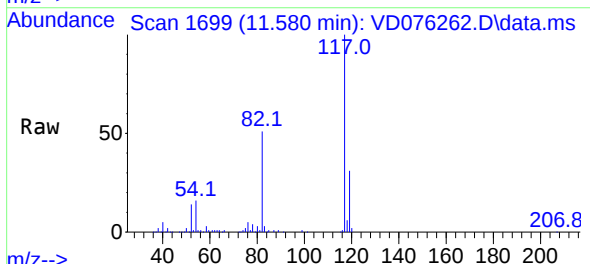
Instrument :
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SU-04-052423

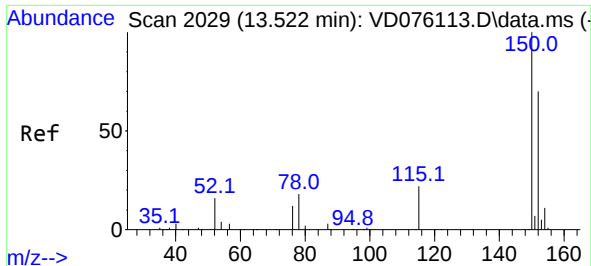
Tgt Ion: 95 Resp: 126919
Ion Ratio Lower Upper
95 100
174 94.0 0.0 164.0
176 88.6 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.001 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Tgt Ion: 117 Resp: 266746
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 31.4 25.1 37.7

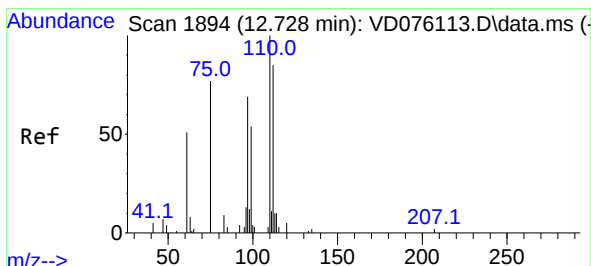
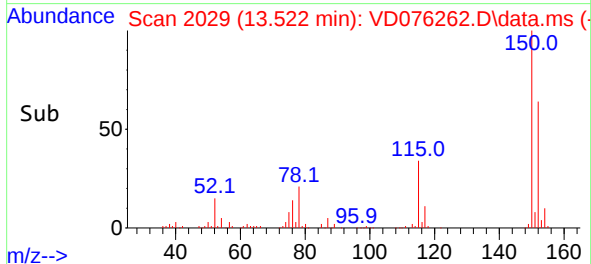
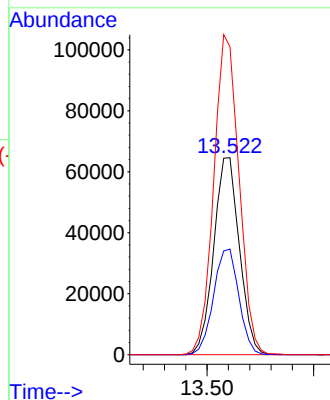
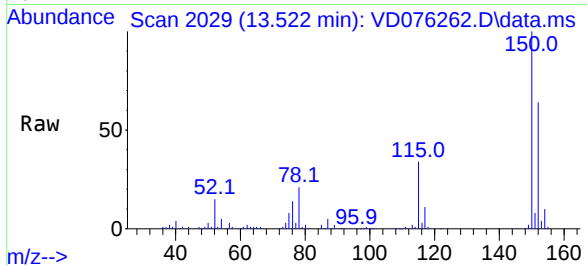




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.001 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

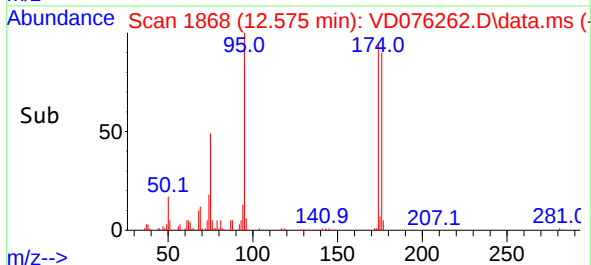
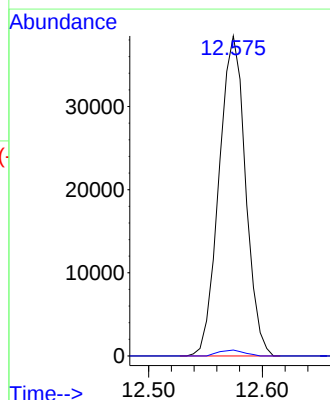
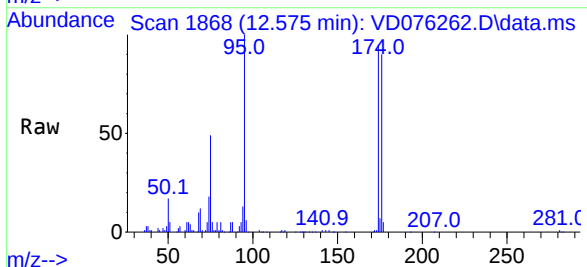
Instrument :
MSVOA_D
ClientSampleId :
SU-04-052423

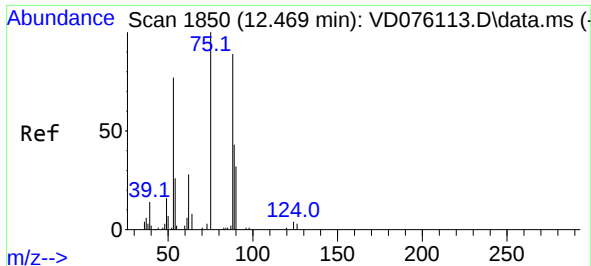
Tgt Ion:152 Resp: 107931
Ion Ratio Lower Upper
152 100
115 53.0 30.1 90.3
150 160.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 66.038 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

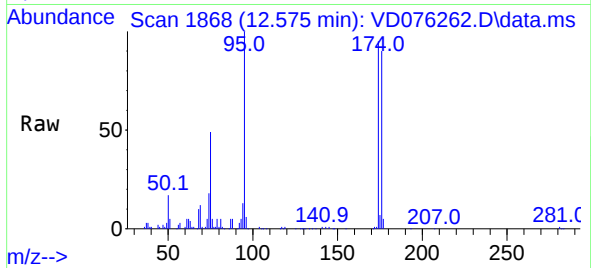
Tgt Ion: 75 Resp: 62372
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 138.537 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076262.D
Acq: 26 May 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :
SU-04-052423



Tgt Ion: 75 Resp: 62372
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

