

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077068.D
 Acq On : 29 Aug 2023 18:09
 Operator : JC/SY
 Sample : 04198-09
 Misc : 6.24G/5.7ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:01:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 29 02:15:23 2023
 Response via : Initial Calibration

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

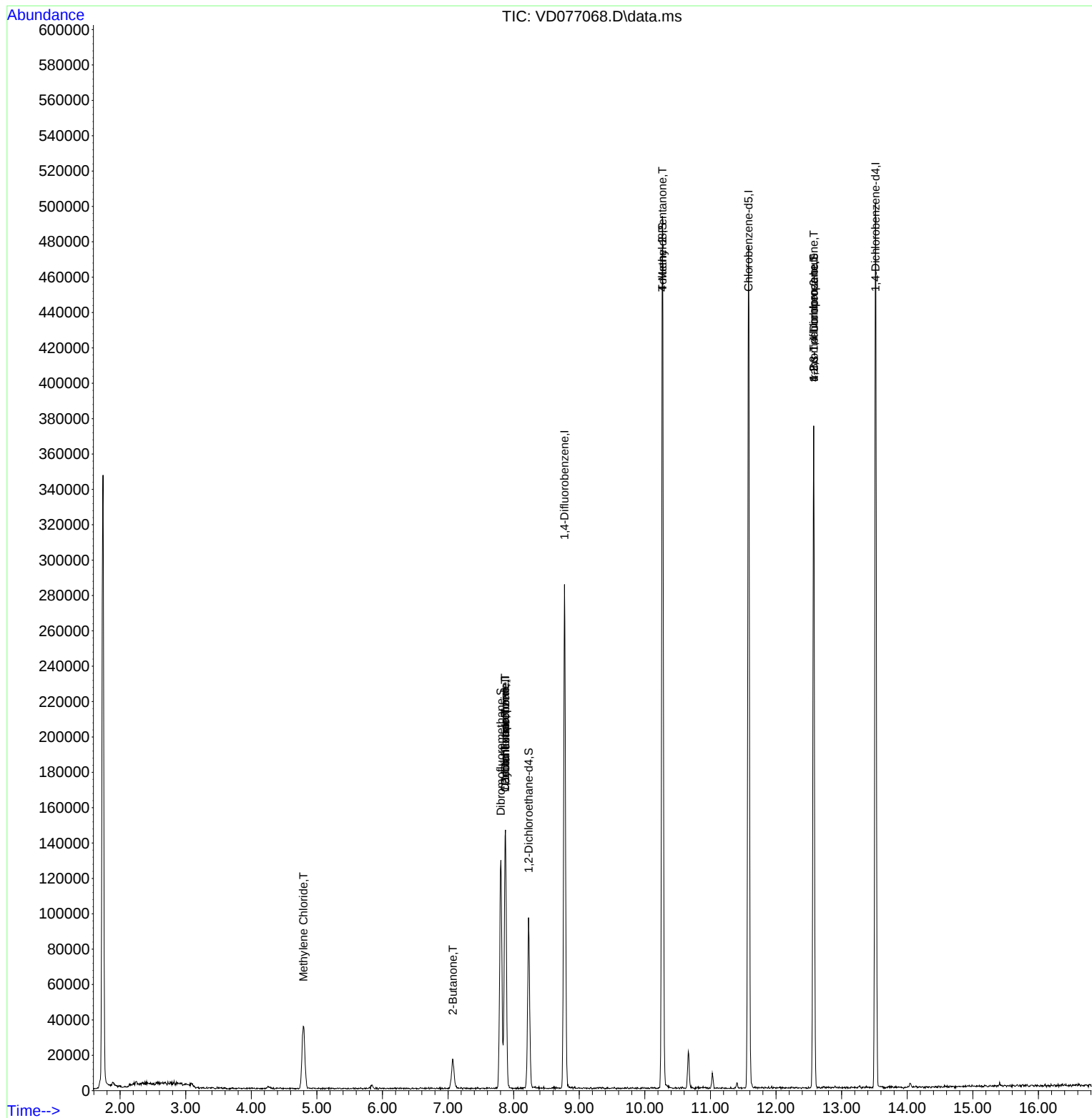
Internal Standards						
1) Pentafluorobenzene	7.875	168	115976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	260590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	138622	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70699	61.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.840%	
35) Dibromofluoromethane	7.804	113	93241	53.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.120%	
50) Toluene-d8	10.269	98	346609	55.033	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.060%	
62) 4-Bromofluorobenzene	12.575	95	106914	57.577	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	240	Below Cal	#	11
20) Methylene Chloride	4.793	84	28969	15.013	ug/l	89
25) 2-Butanone	7.075	43	502	1.539	ug/l #	37
31) Cyclohexane	7.875	56	2216	1.215	ug/l #	19
36) 1,1-Dichloropropene	7.869	75	9092	3.666	ug/l #	47
38) Carbon Tetrachloride	7.869	117	11696	4.664	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	1499	1.715	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	54861	41.032	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	54861	95.267	ug/l #	17

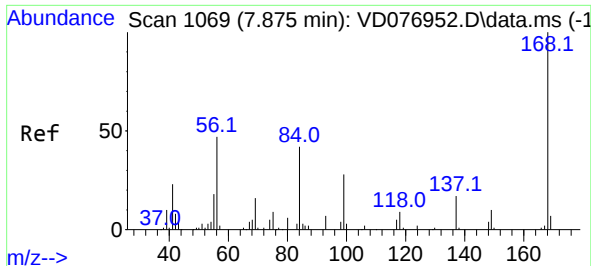
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
Data File : VD077068.D
Acq On : 29 Aug 2023 18:09
Operator : JC/SY
Sample : 04198-09
Misc : 6.24G/5.7ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

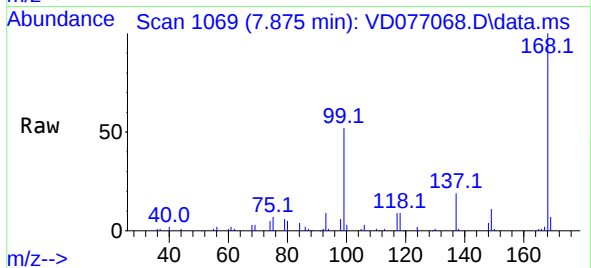
Quant Time: Aug 29 21:01:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



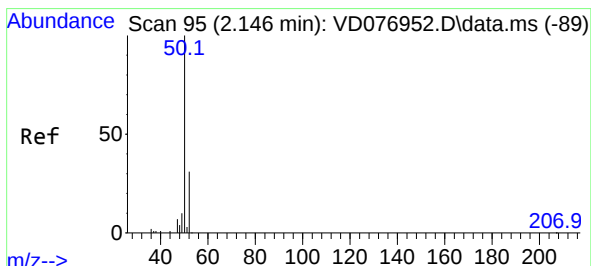
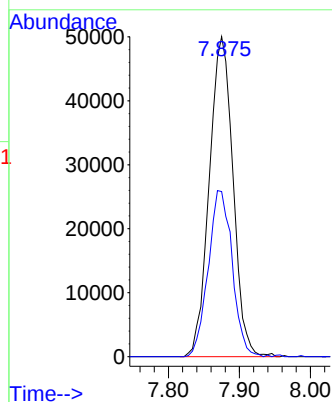
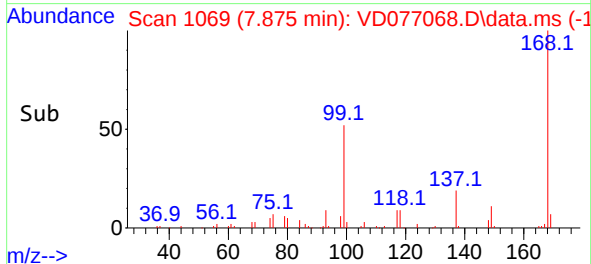


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :

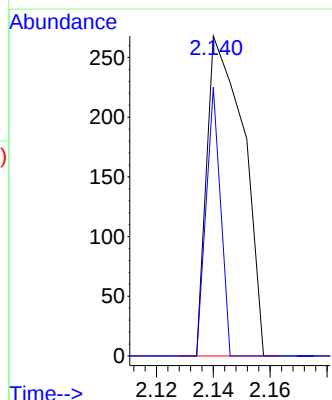
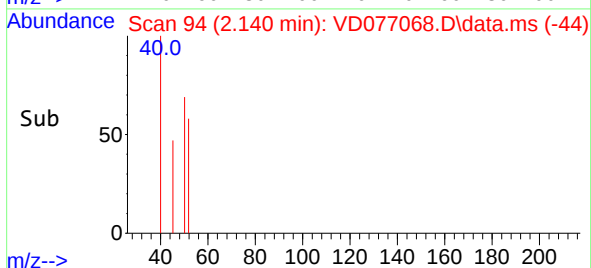
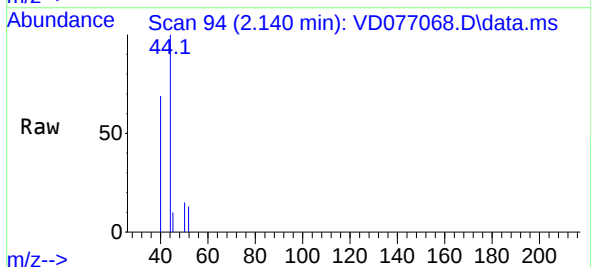


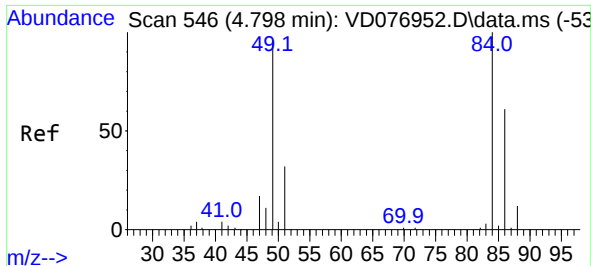
Tgt Ion:168 Resp: 115976
Ion Ratio Lower Upper
168 100
99 51.6 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

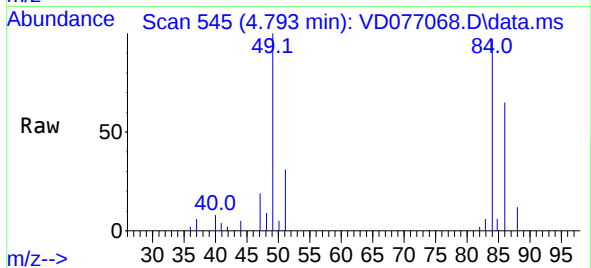
Tgt Ion: 50 Resp: 240
Ion Ratio Lower Upper
50 100
52 84.0 26.6 40.0#





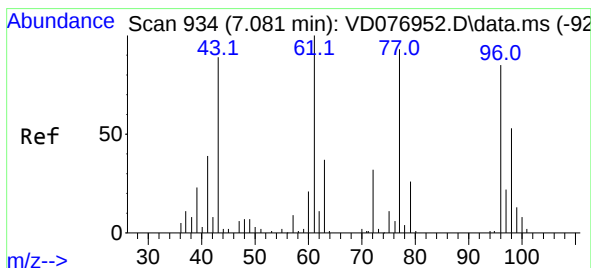
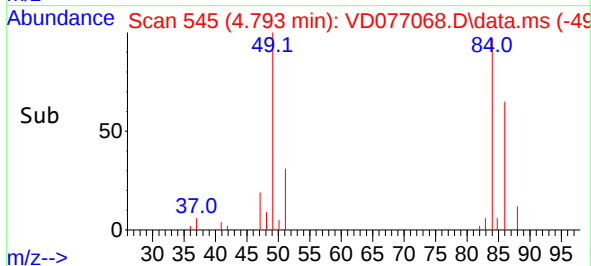
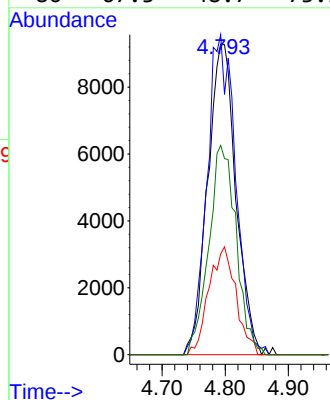
#20
Methylene Chloride
Concen: 15.013 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 28969

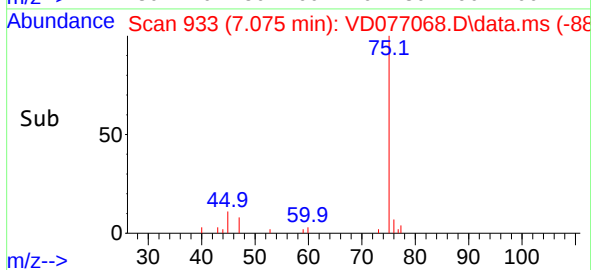
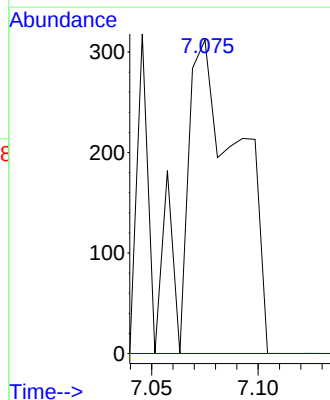
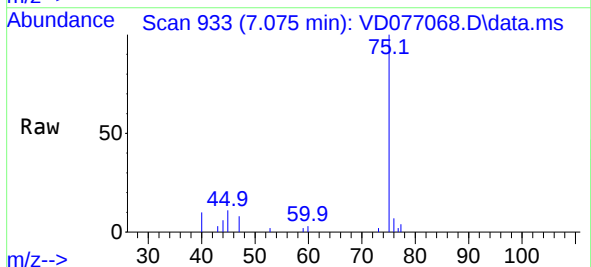
Ion	Ratio	Lower	Upper
84	100		
49	103.0	71.4	107.2
51	32.4	24.5	36.7
86	67.3	48.7	73.1

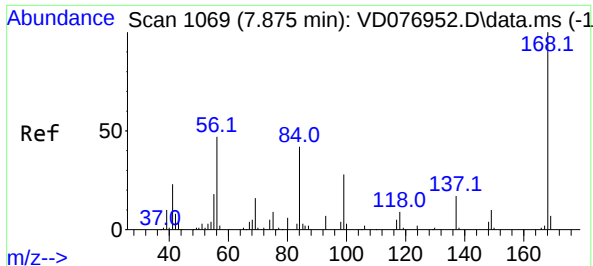


#25
2-Butanone
Concen: 1.539 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion: 43 Resp: 502

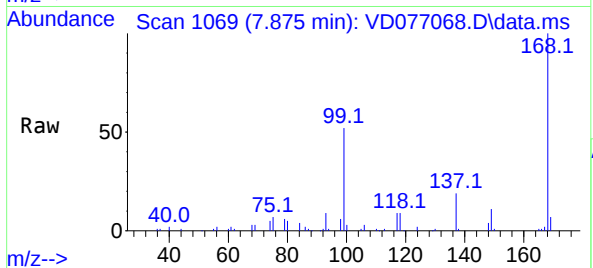
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



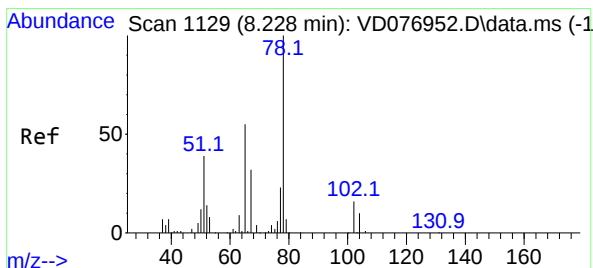
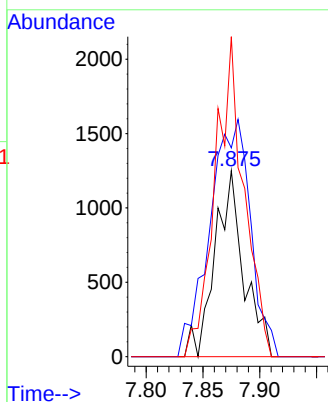
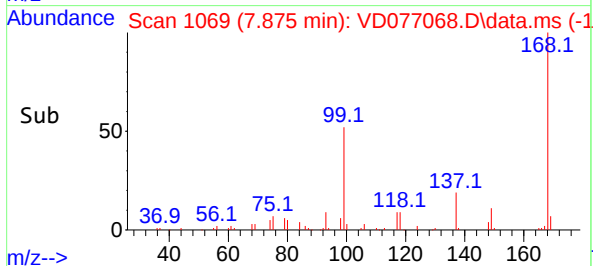


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :

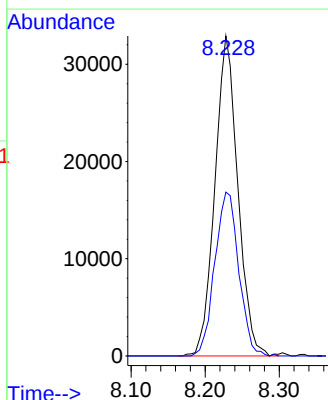
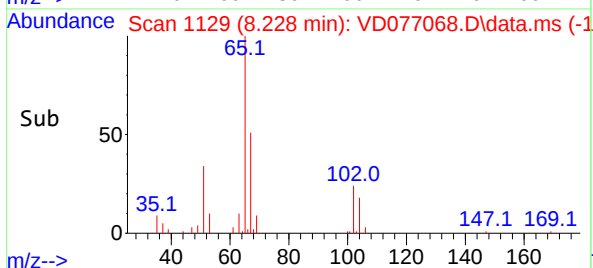
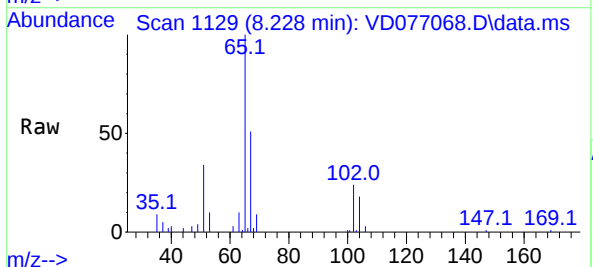


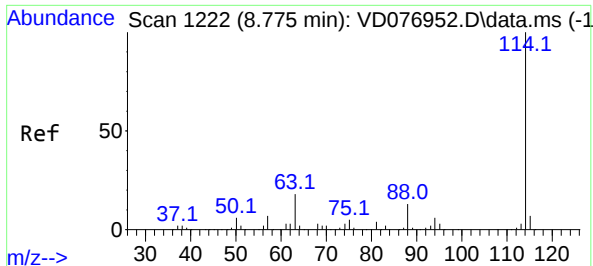
Tgt Ion: 56 Resp: 2216
Ion Ratio Lower Upper
56 100
69 112.3 28.6 43.0#
84 172.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 61.916 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion: 65 Resp: 70699
Ion Ratio Lower Upper
65 100
67 53.5 0.0 115.0

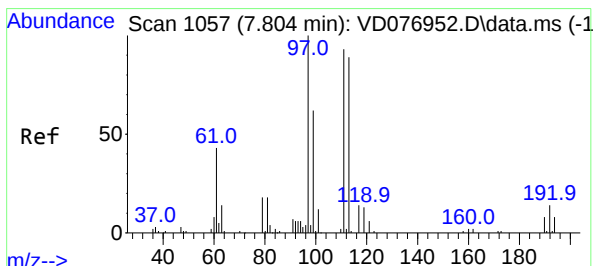
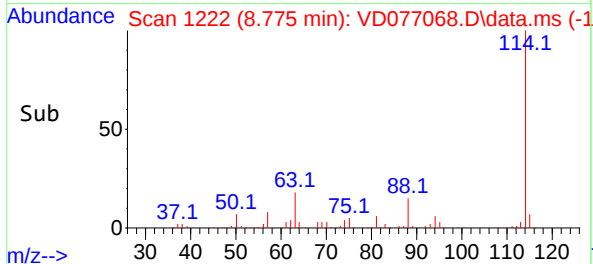
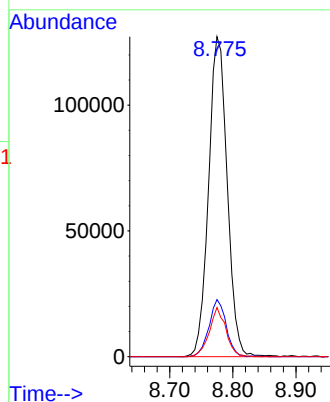
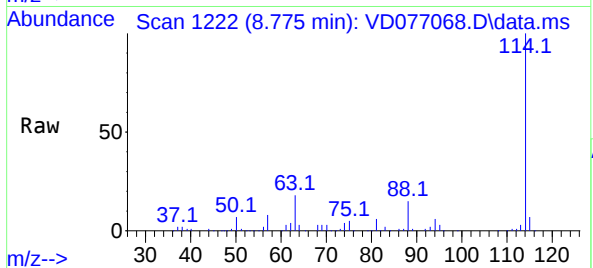




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

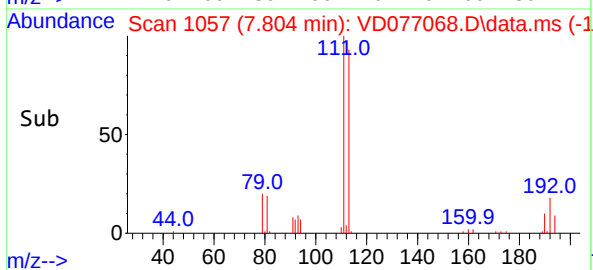
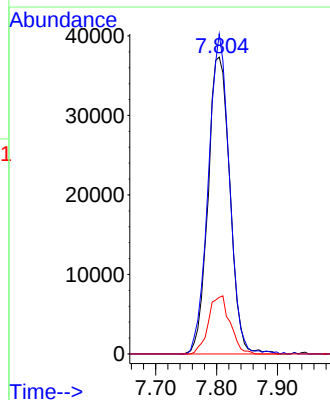
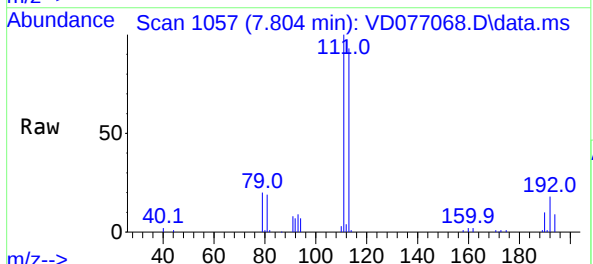
Instrument :
MSVOA_D
ClientSampleId :

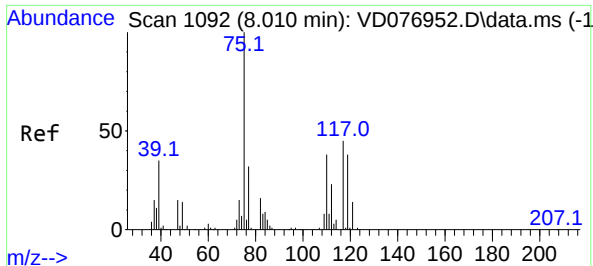
Tgt Ion:114 Resp: 260590
Ion Ratio Lower Upper
114 100
63 17.8 0.0 33.4
88 15.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.559 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion:113 Resp: 93241
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 19.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.666 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

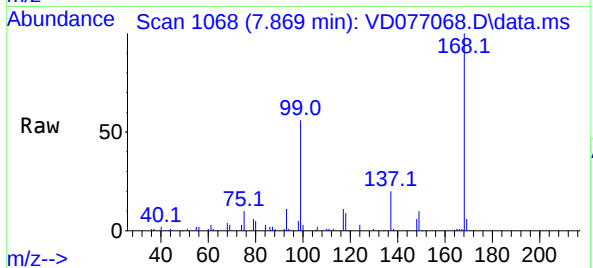
Lab File: VD077068.D

Acq: 29 Aug 2023 18:09

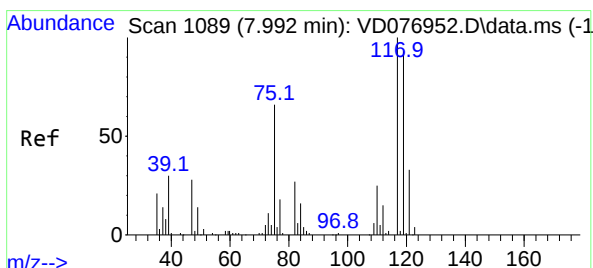
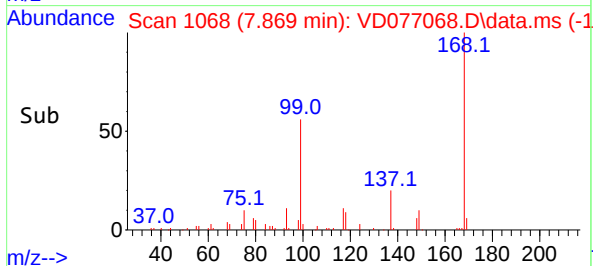
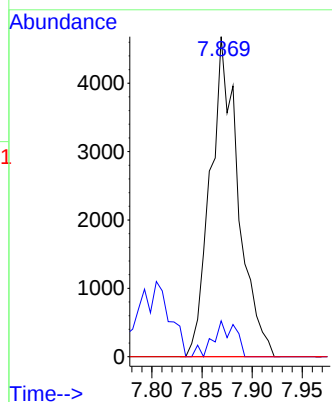
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	75	Resp:	9092
Ion	Ratio	Lower	Upper
75	100		
110	8.8	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 4.664 ug/l

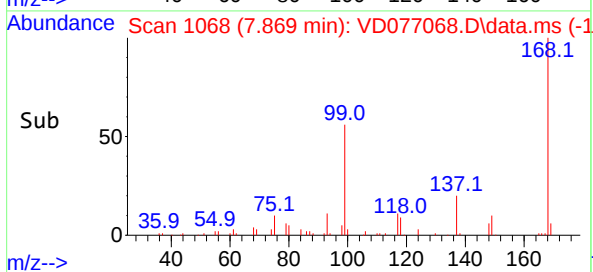
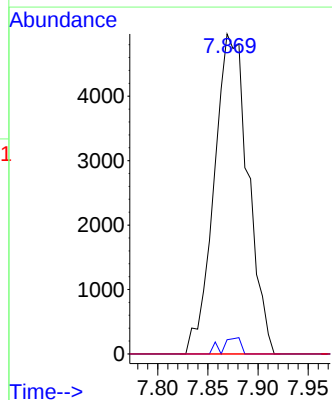
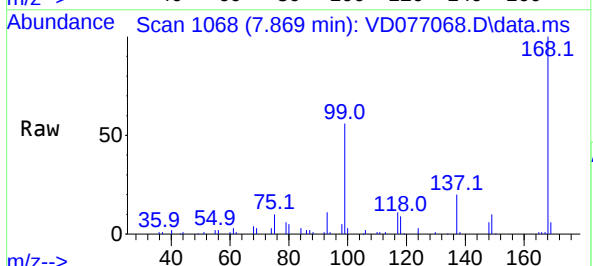
RT: 7.869 min Scan# 1068

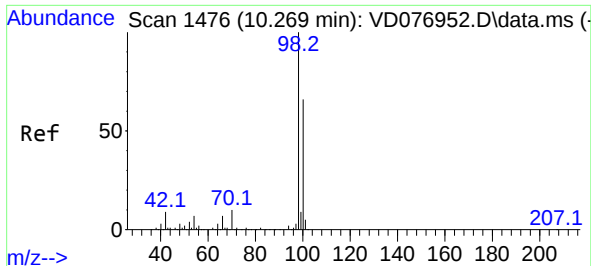
Delta R.T. -0.123 min

Lab File: VD077068.D

Acq: 29 Aug 2023 18:09

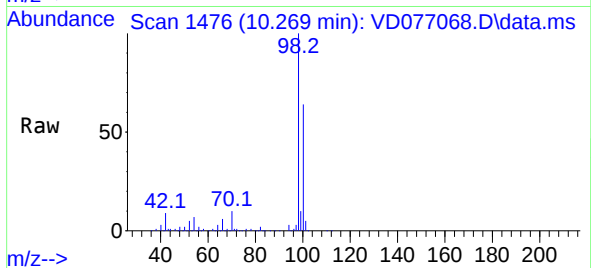
Tgt Ion:	117	Resp:	11696
Ion	Ratio	Lower	Upper
117	100		
119	4.4	78.0	117.0#
121	0.0	24.2	36.2#



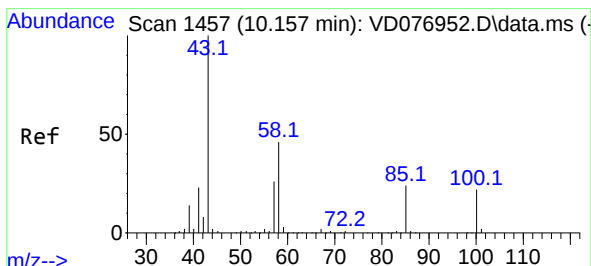
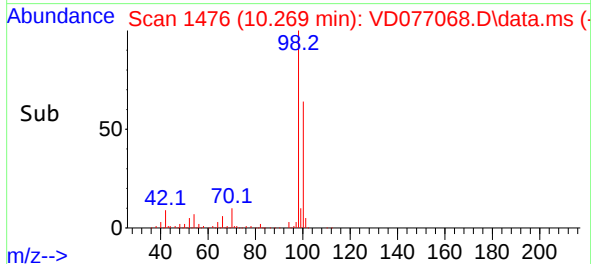
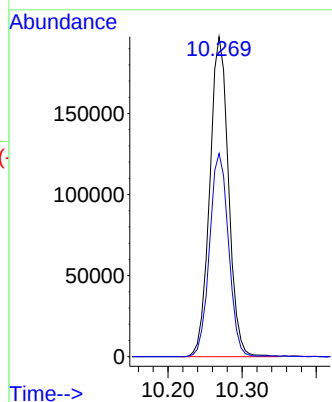


#50
Toluene-d8
Concen: 55.033 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :

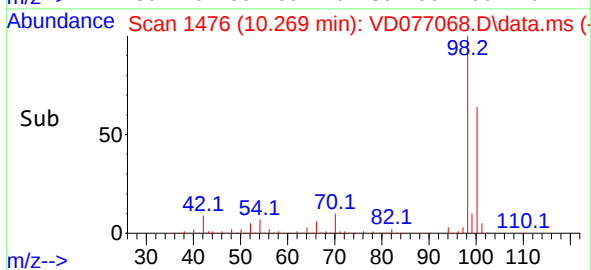
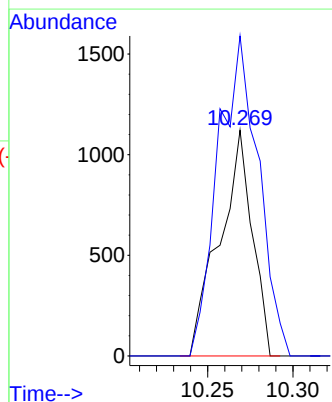
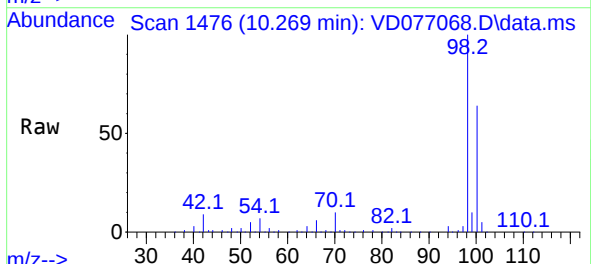


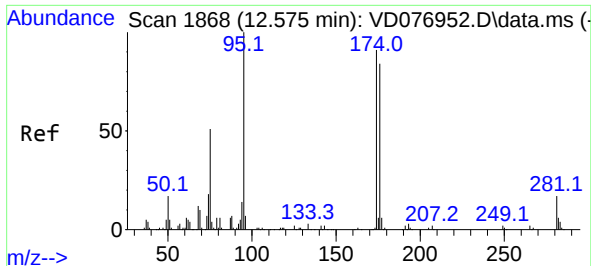
Tgt Ion: 98 Resp: 346609
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.715 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Tgt Ion: 43 Resp: 1499
Ion Ratio Lower Upper
43 100
58 173.8 38.9 58.3#

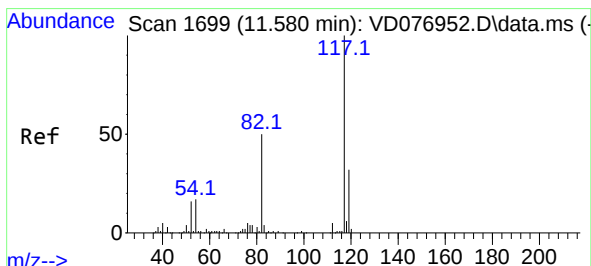
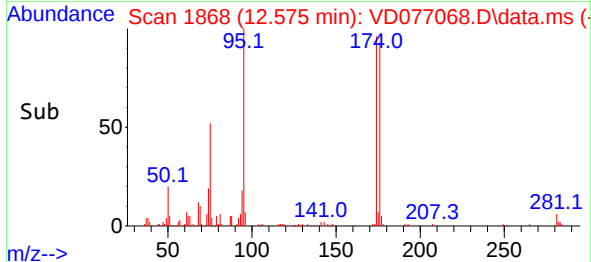
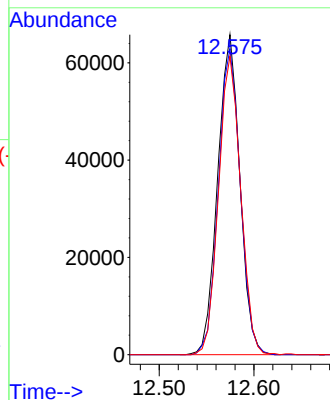
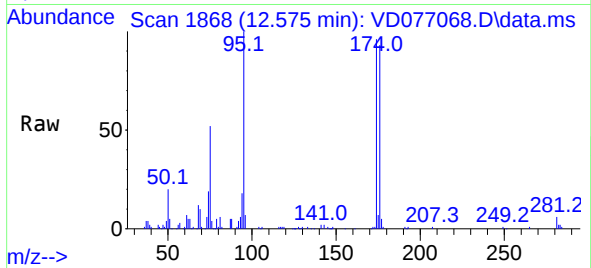




#62
4-Bromofluorobenzene
Concen: 57.577 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

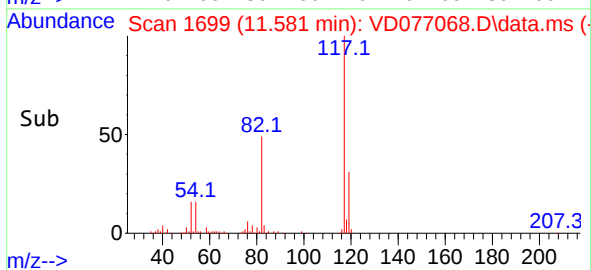
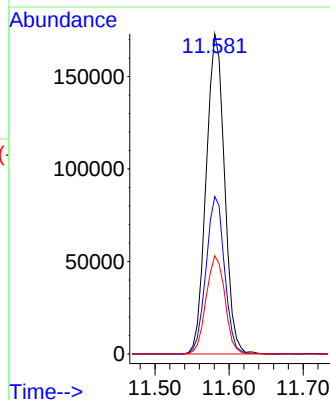
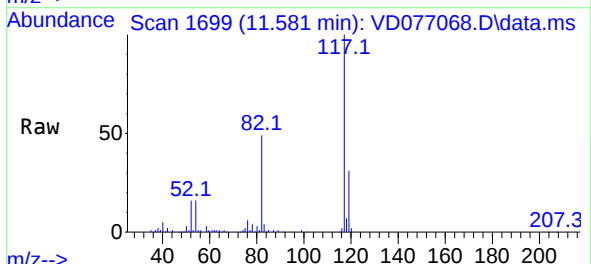
Instrument :
MSVOA_D
ClientSampleId :

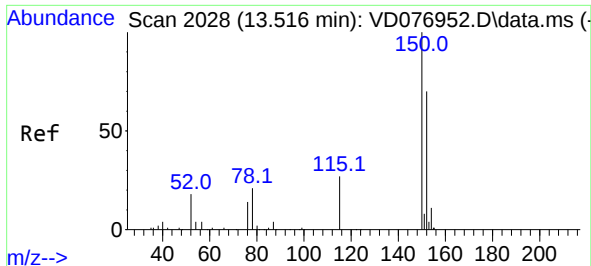
Tgt Ion: 95 Resp: 106914
Ion Ratio Lower Upper
95 100
174 94.7 0.0 201.8
176 92.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

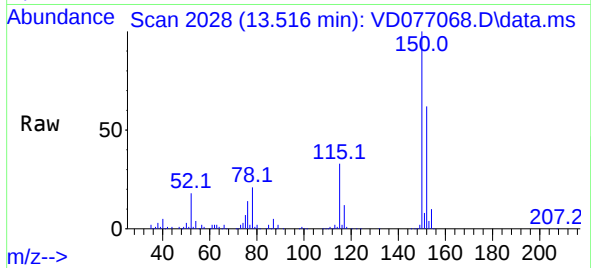
Tgt Ion: 117 Resp: 297462
Ion Ratio Lower Upper
117 100
82 49.2 38.3 57.5
119 30.7 25.0 37.4



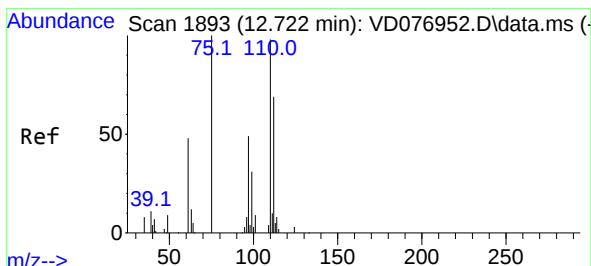
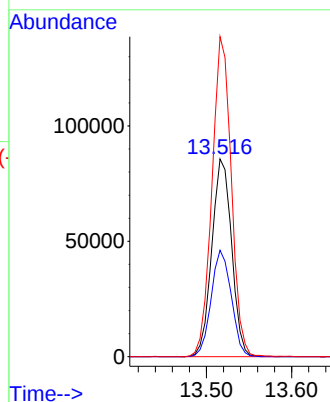
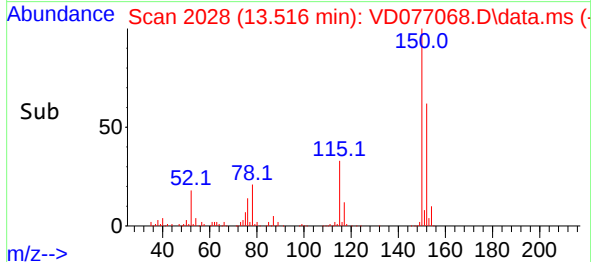


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

Instrument :
MSVOA_D
ClientSampleId :

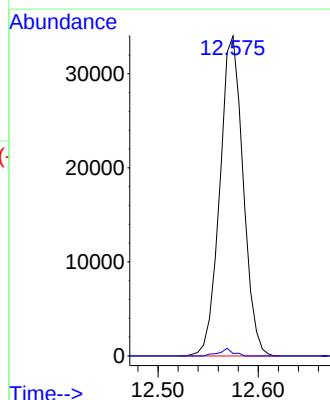
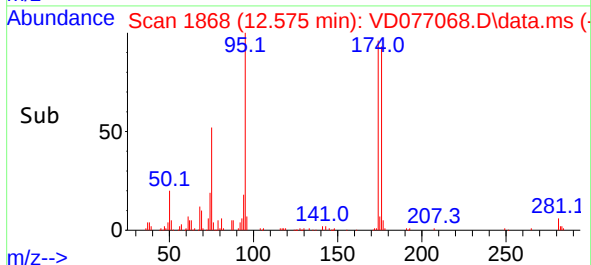
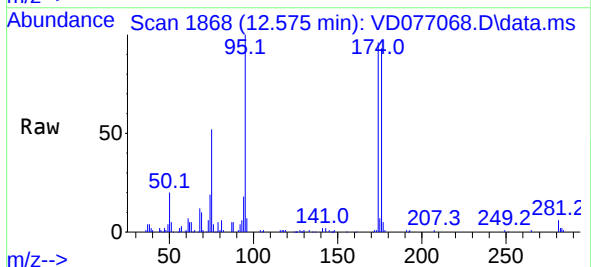


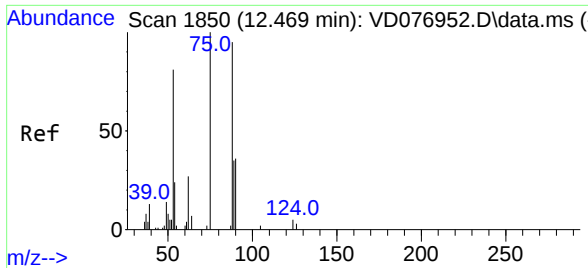
Tgt Ion:152 Resp: 138622
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.3
150 157.6 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 41.032 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077068.D
Acq: 29 Aug 2023 18:09

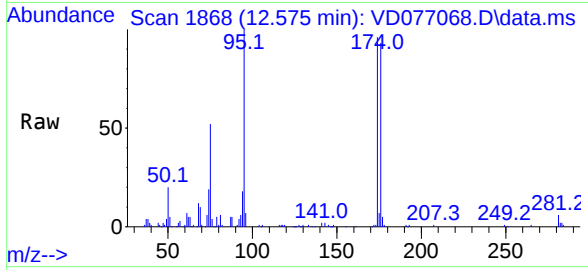
Tgt Ion: 75 Resp: 54861
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 95.267 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077068.D
 Acq: 29 Aug 2023 18:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	54861
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

