

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077066.D
 Acq On : 29 Aug 2023 17:12
 Operator : JC/SY
 Sample : 04197-24
 Misc : 3.25G/5.5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 29 21:01:09 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)

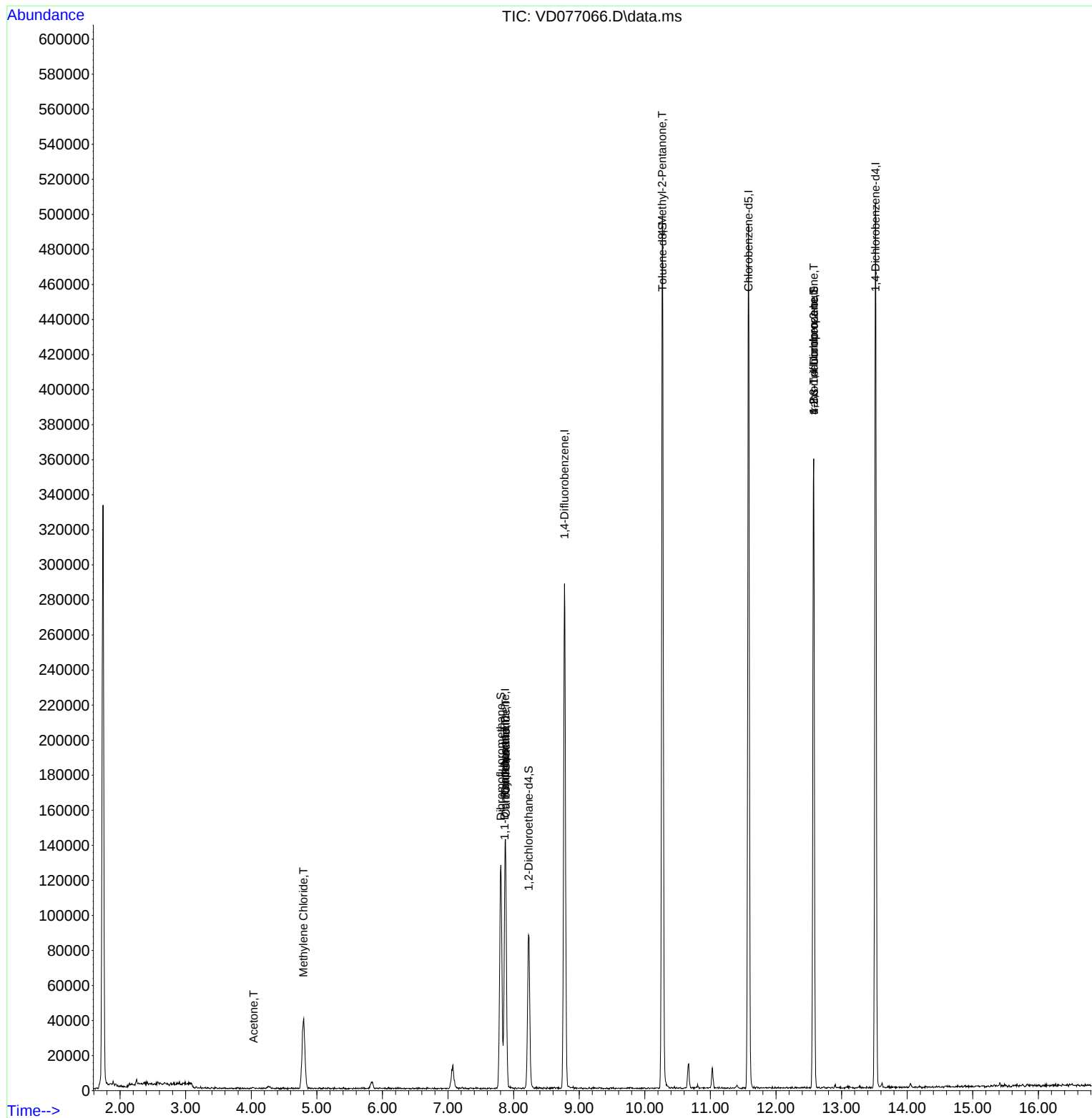
Internal Standards						
1) Pentafluorobenzene	7.869	168	114830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	267916	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	296514	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	140704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70910	62.720	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.440%	
35) Dibromofluoromethane	7.805	113	92922	51.916	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.840%	
50) Toluene-d8	10.269	98	347999	53.743	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.480%	
62) 4-Bromofluorobenzene	12.575	95	108821	57.001	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	304	Below Cal	#	41
16) Acetone	4.034	43	1113	4.319	ug/l #	32
20) Methylene Chloride	4.793	84	31934	17.191	ug/l	95
31) Cyclohexane	7.875	56	2577	1.427	ug/l #	49
36) 1,1-Dichloropropene	7.863	75	8741	3.428	ug/l #	50
38) Carbon Tetrachloride	7.881	117	11450	4.441	ug/l #	17
51) 4-Methyl-2-Pentanone	10.263	43	1248	1.388	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	56899	41.926	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56899	97.344	ug/l #	17

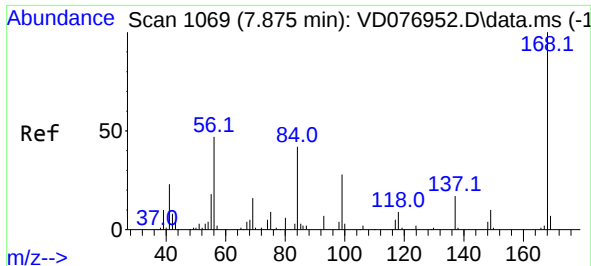
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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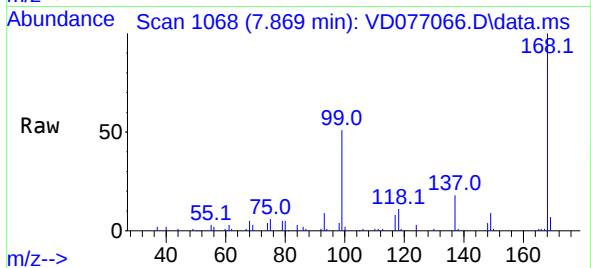
Quant Time: Aug 29 21:01:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 29 02:15:23 2023
Response via : Initial Calibration



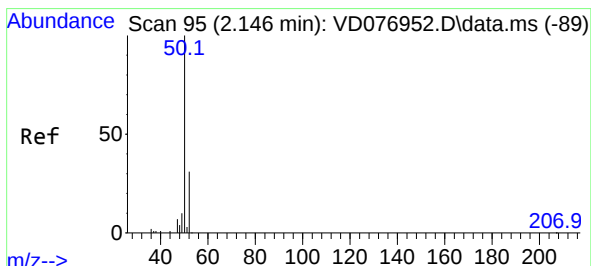
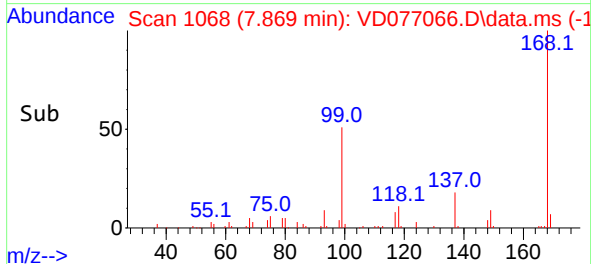
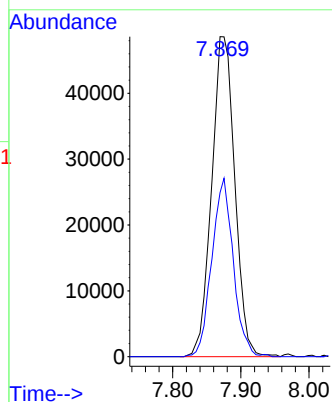


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Instrument :
MSVOA_D
ClientSampleId :

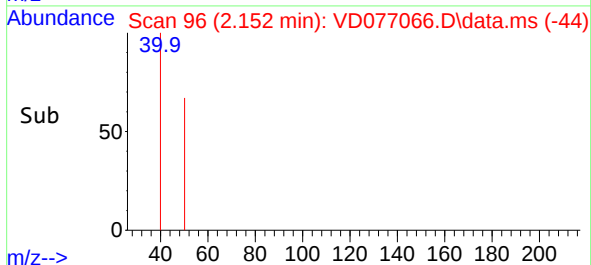
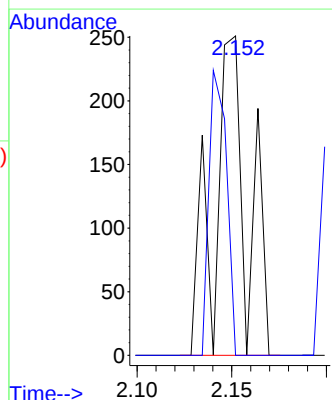
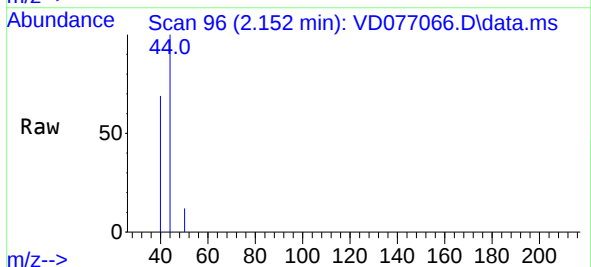


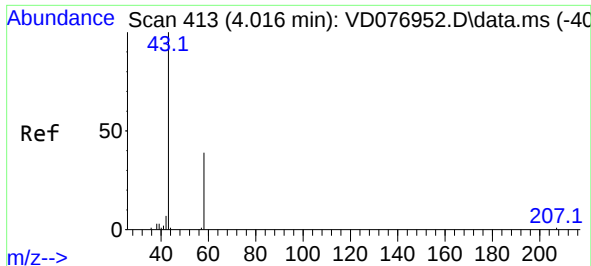
Tgt Ion:168 Resp: 114830
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Tgt Ion: 50 Resp: 304
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

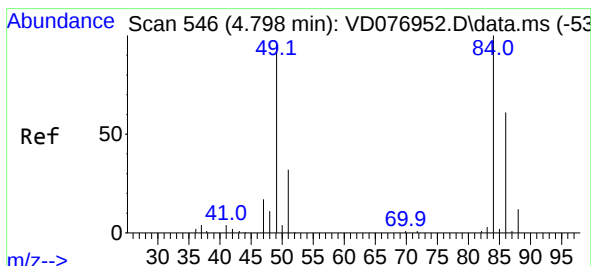
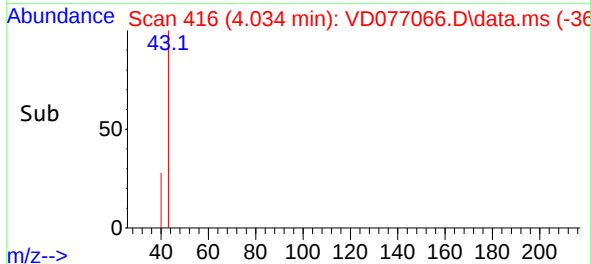
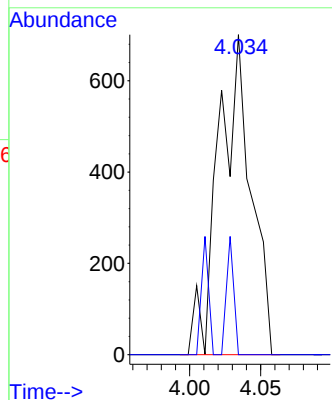
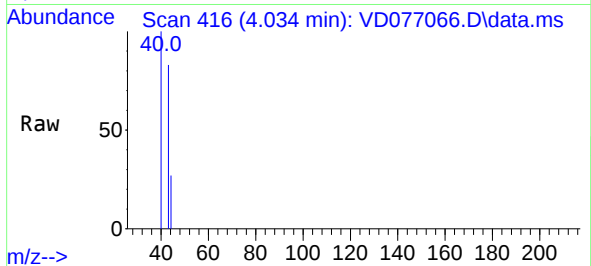




#16
Acetone
Concen: 4.319 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.018 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

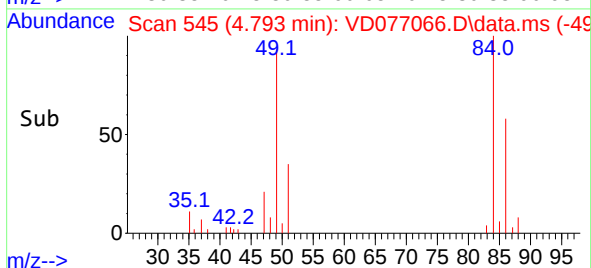
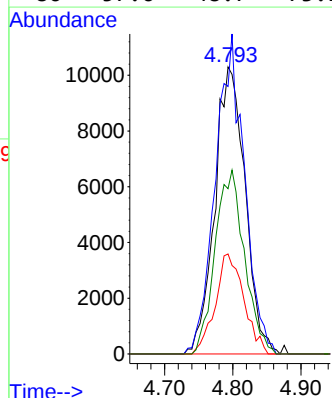
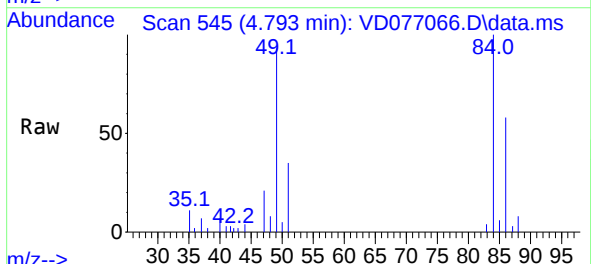
Instrument :
MSVOA_D
ClientSampleId :

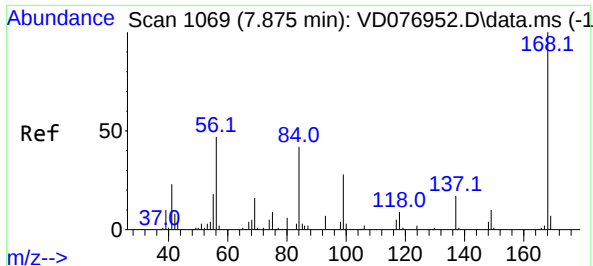
Tgt Ion: 43 Resp: 1113
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 17.191 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.005 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

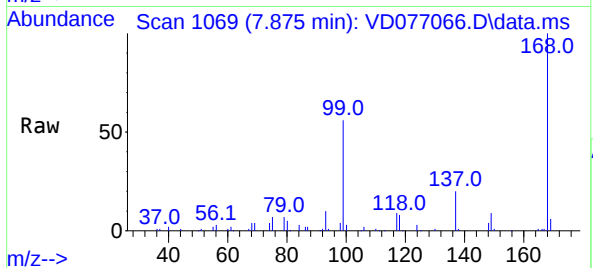
Tgt Ion: 84 Resp: 31934
Ion Ratio Lower Upper
84 100
49 93.2 71.4 107.2
51 34.9 24.5 36.7
86 57.6 48.7 73.1



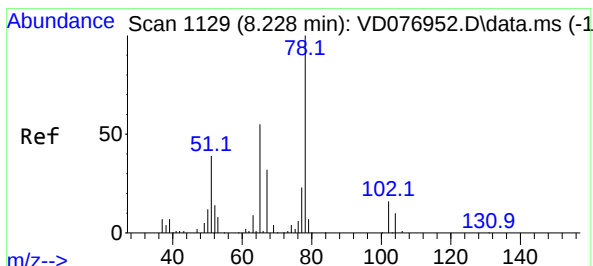
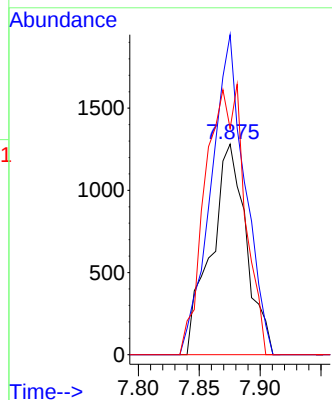
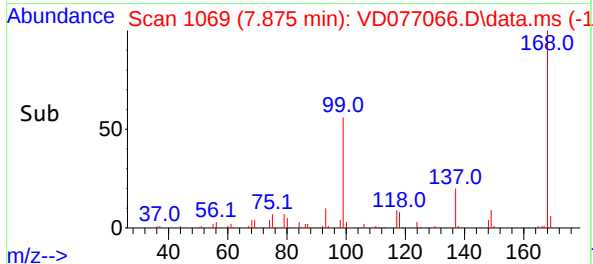


#31
Cyclohexane
Concen: 1.427 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Instrument :
MSVOA_D
ClientSampleId :

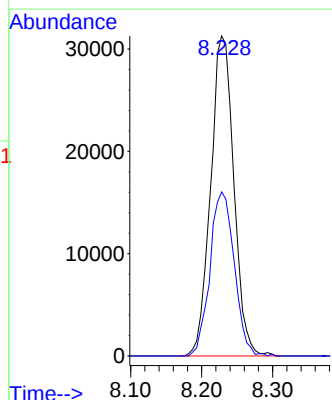
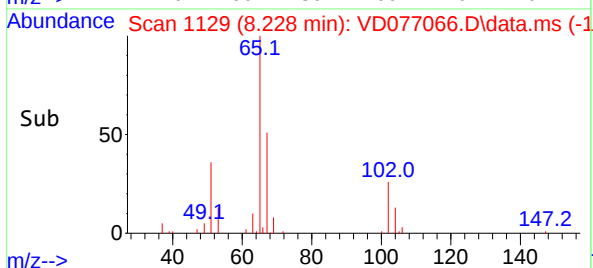
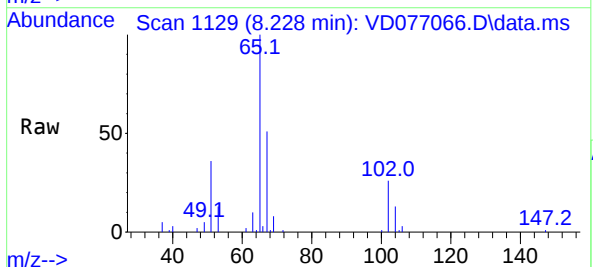


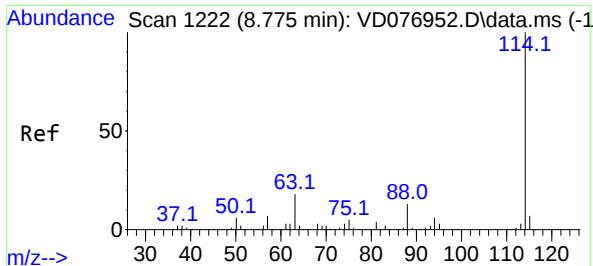
Tgt Ion: 56 Resp: 2577
Ion Ratio Lower Upper
56 100
69 152.0 28.6 43.0#
84 107.4 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 62.720 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Tgt Ion: 65 Resp: 70910
Ion Ratio Lower Upper
65 100
67 53.8 0.0 115.0

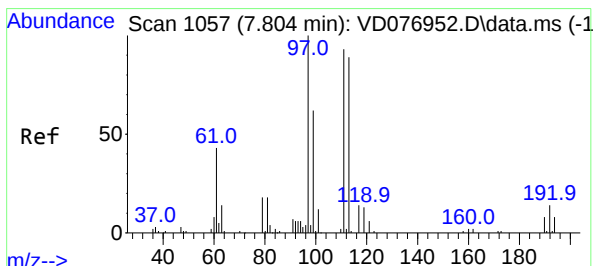
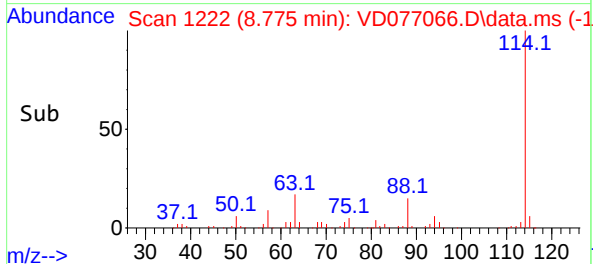
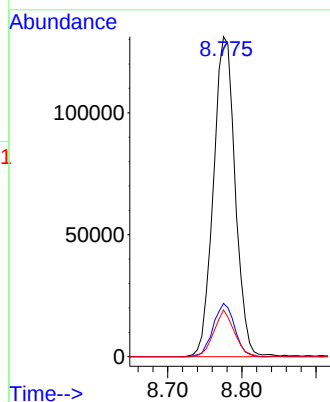
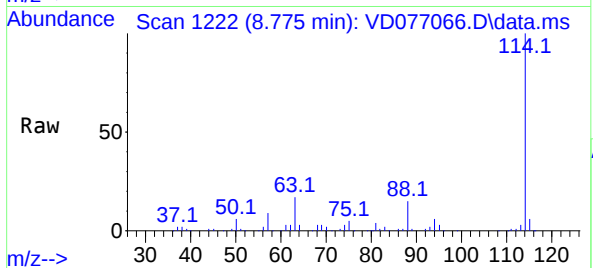




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

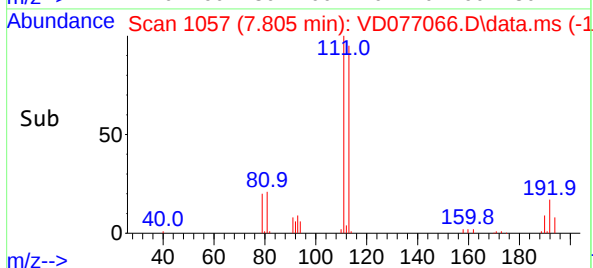
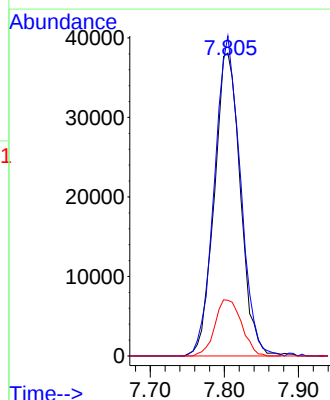
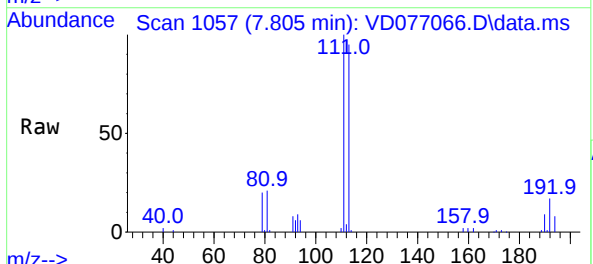
Instrument :
MSVOA_D
ClientSampleId :

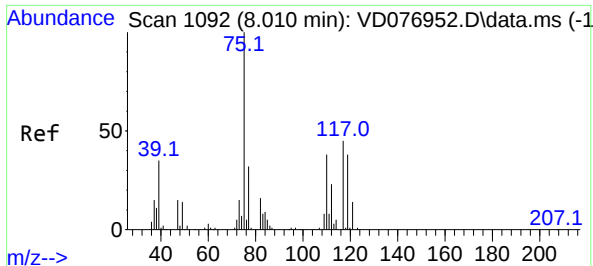
Tgt Ion:114 Resp: 267916
Ion Ratio Lower Upper
114 100
63 16.6 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 51.916 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Tgt Ion:113 Resp: 92922
Ion Ratio Lower Upper
113 100
111 105.0 84.7 127.1
192 19.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.428 ug/l

RT: 7.863 min Scan# 1070

Delta R.T. -0.147 min

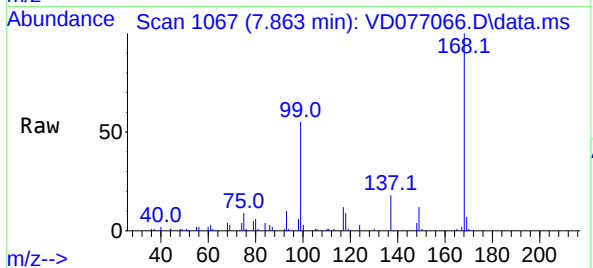
Lab File: VD077066.D

Acq: 29 Aug 2023 17:12

Instrument :

MSVOA_D

ClientSampleId :



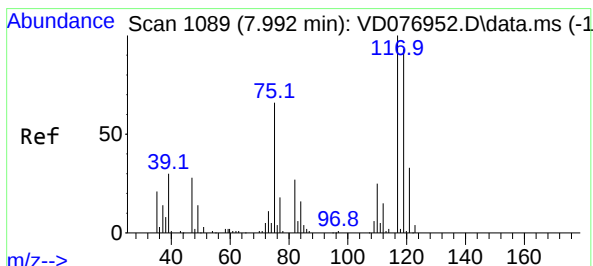
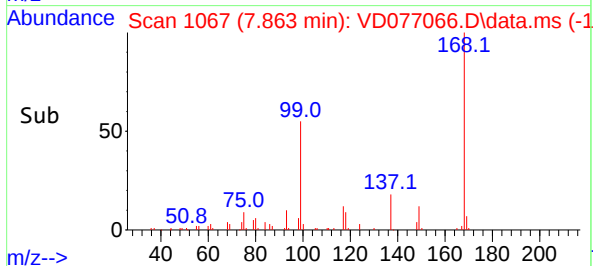
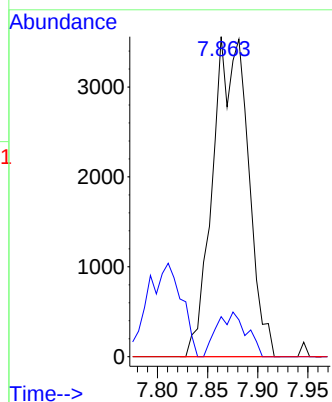
Tgt Ion: 75 Resp: 8741

Ion Ratio Lower Upper

75 100

110 11.6 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.441 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.111 min

Lab File: VD077066.D

Acq: 29 Aug 2023 17:12

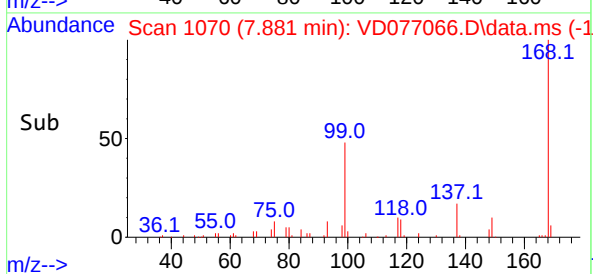
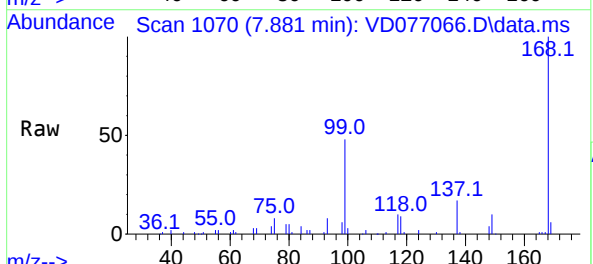
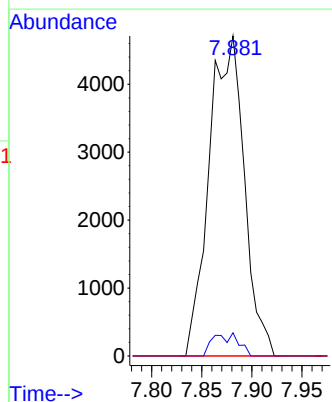
Tgt Ion: 117 Resp: 11450

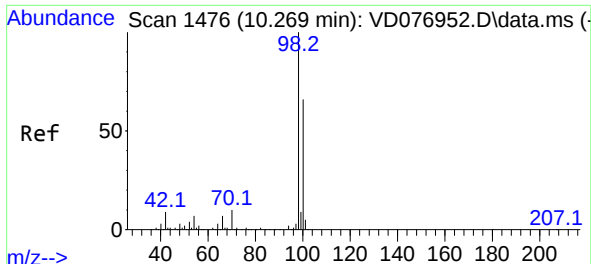
Ion Ratio Lower Upper

117 100

119 7.3 78.0 117.0#

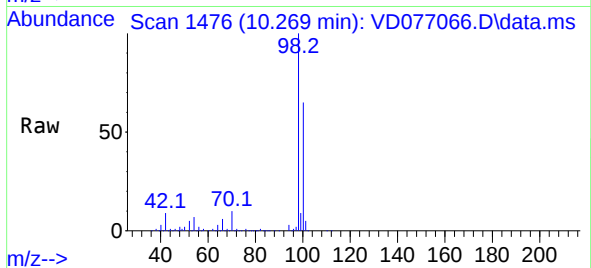
121 0.0 24.2 36.2#



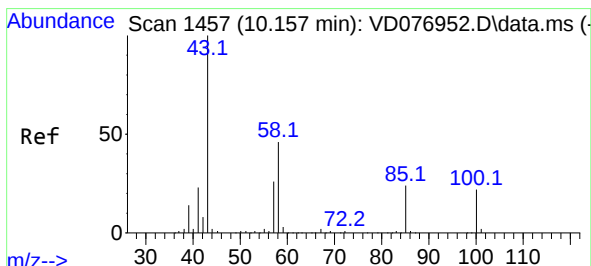
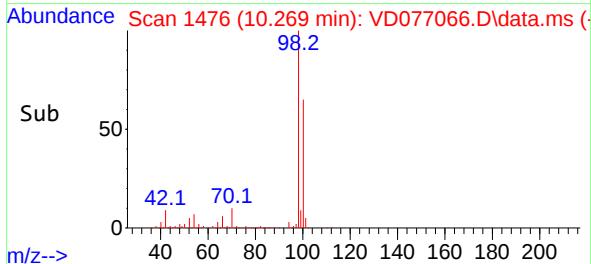
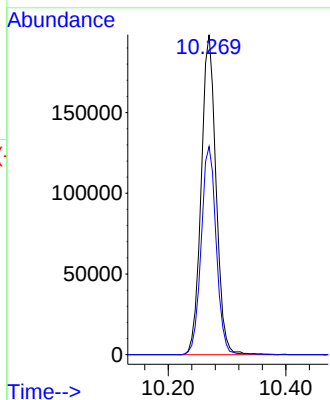


#50
Toluene-d8
Concen: 53.743 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Instrument :
MSVOA_D
ClientSampleId :

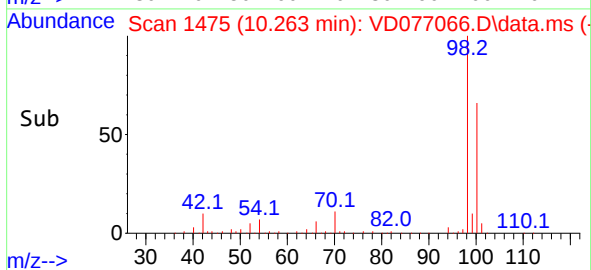
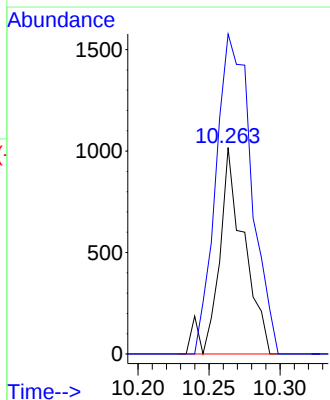
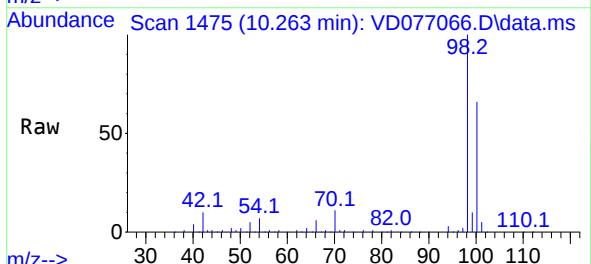


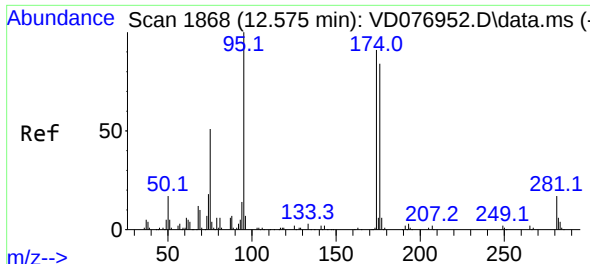
Tgt Ion: 98 Resp: 347999
Ion Ratio Lower Upper
98 100
100 66.0 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.388 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

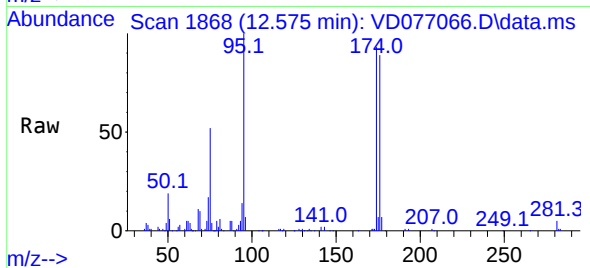
Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 219.3 38.9 58.3#



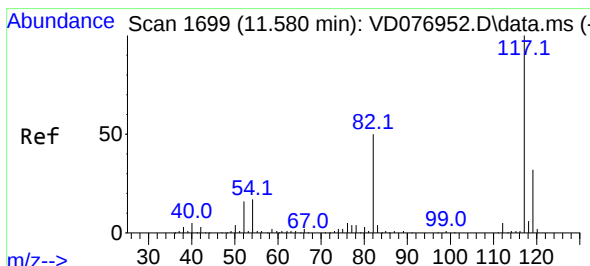
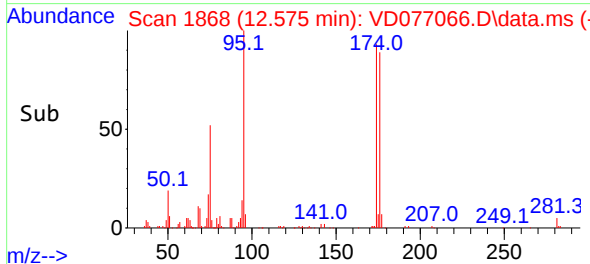
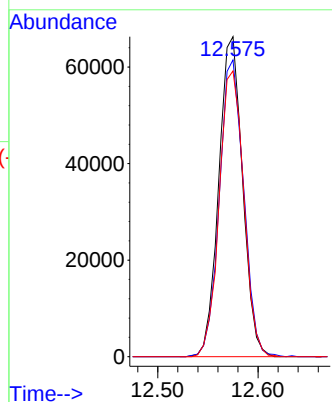


#62
4-Bromofluorobenzene
Concen: 57.001 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Instrument :
MSVOA_D
ClientSampleId :

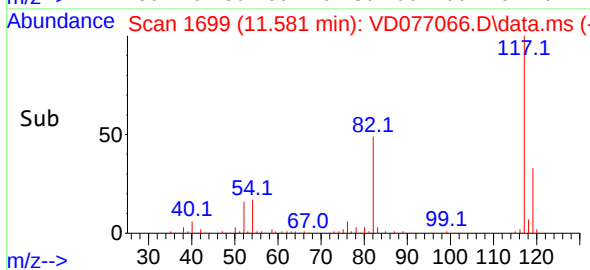
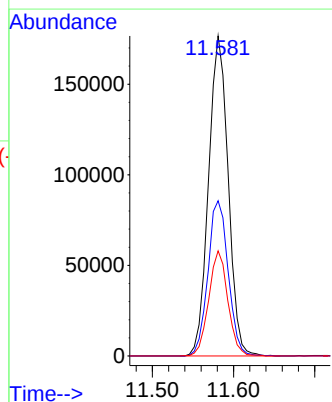
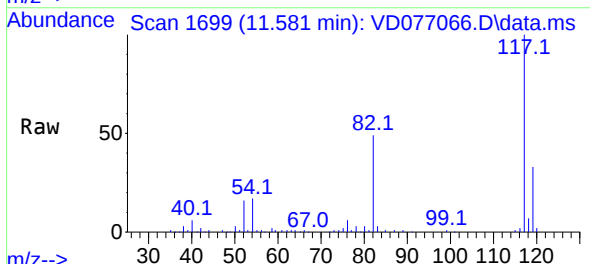


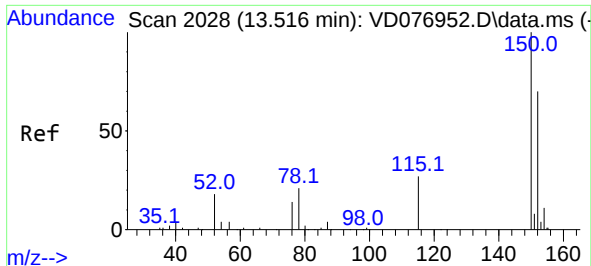
Tgt Ion: 95 Resp: 108821
Ion Ratio Lower Upper
95 100
174 94.5 0.0 201.8
176 92.3 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.001 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

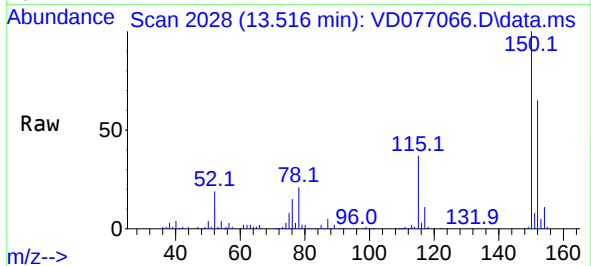
Tgt Ion: 117 Resp: 296514
Ion Ratio Lower Upper
117 100
82 48.5 38.3 57.5
119 32.9 25.0 37.4



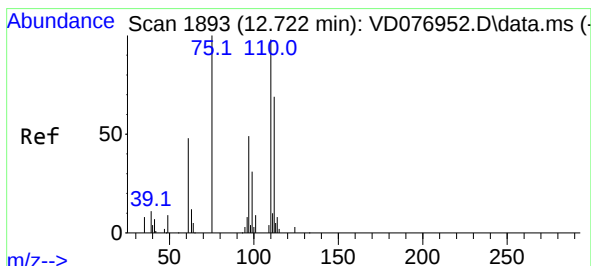
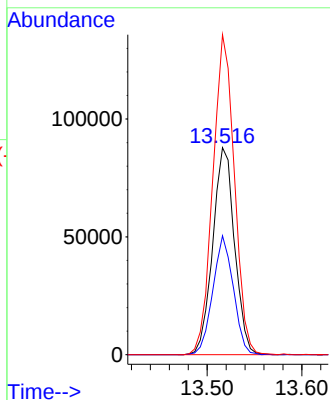
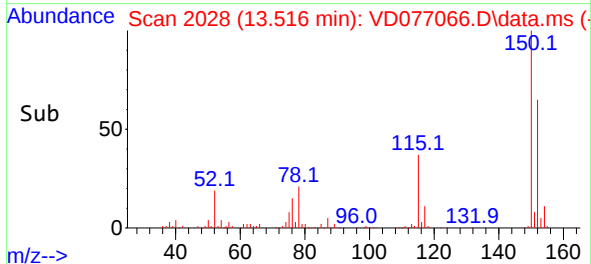


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

Instrument :
MSVOA_D
ClientSampleId :

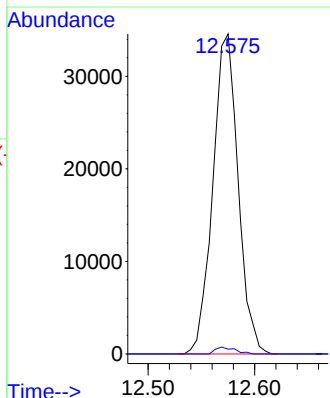
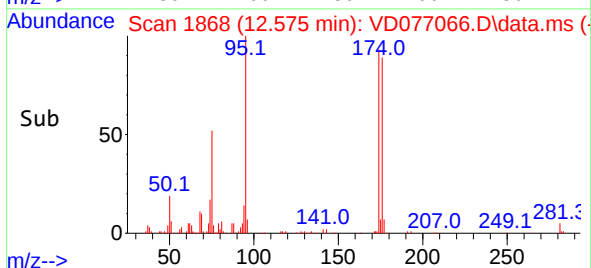
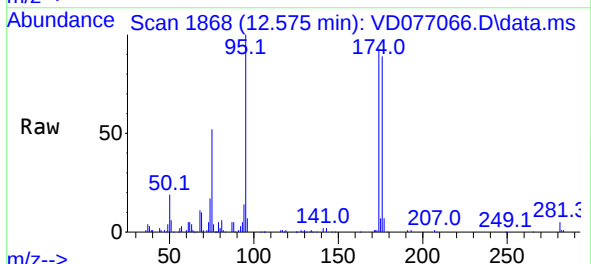


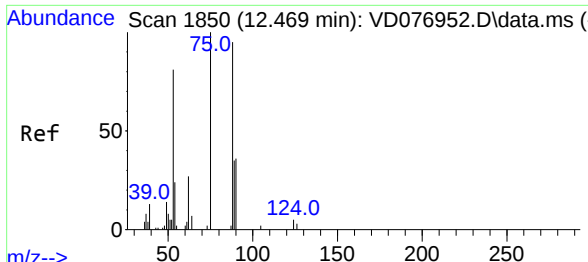
Tgt Ion:152 Resp: 140704
Ion Ratio Lower Upper
152 100
115 53.9 27.1 81.3
150 153.0 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 41.926 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD077066.D
Acq: 29 Aug 2023 17:12

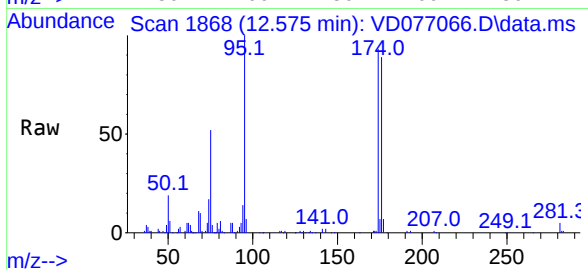
Tgt Ion: 75 Resp: 56899
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.344 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077066.D
 Acq: 29 Aug 2023 17:12

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	56899
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

