

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076833.D
 Acq On : 27 Jul 2023 14:44
 Operator : KP/SY
 Sample : 03769-13
 Misc : 5.10G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 15:04:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

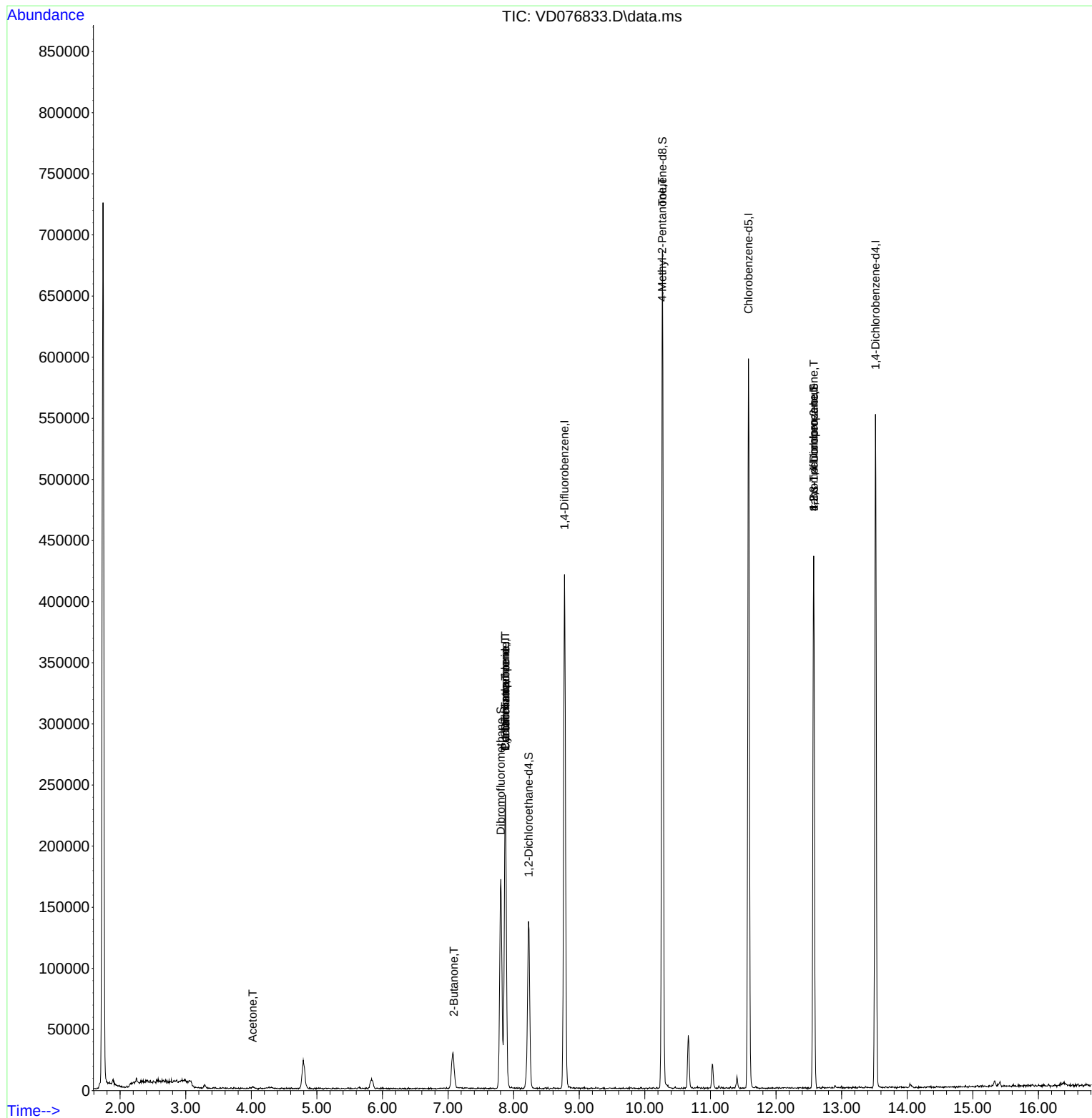
Internal Standards						
1) Pentafluorobenzene	7.875	168	185459	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	386276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	355937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	147157	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102448	55.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.920%	
35) Dibromofluoromethane	7.804	113	126502	52.114	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.220%	
50) Toluene-d8	10.269	98	473839	54.567	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.140%	
62) 4-Bromofluorobenzene	12.575	95	134414	47.848	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	2601	5.896	ug/l	# 67
20) Methylene Chloride	4.799	84	17834	Below Cal	#	92
25) 2-Butanone	7.087	43	806	1.365	ug/l	# 37
31) Cyclohexane	7.875	56	4007	1.474	ug/l	# 66
36) 1,1-Dichloropropene	7.875	75	15626	4.926	ug/l	# 46
38) Carbon Tetrachloride	7.875	117	18703	6.158	ug/l	# 14
51) 4-Methyl-2-Pentanone	10.263	43	1705	1.157	ug/l	# 1
76) 1,2,3-Trichloropropane	12.575	75	68188	48.725	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	68188	103.699	ug/l	# 17

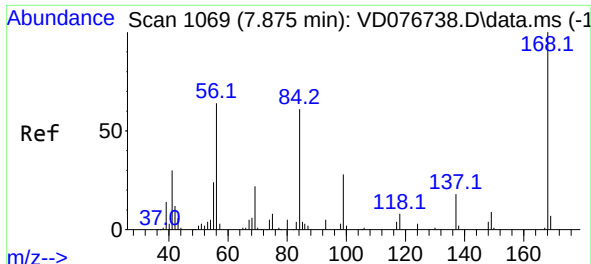
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

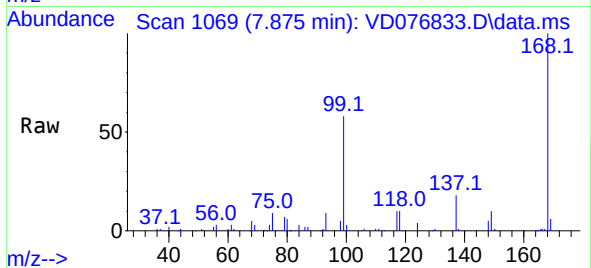
Quant Time: Jul 27 15:04:41 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



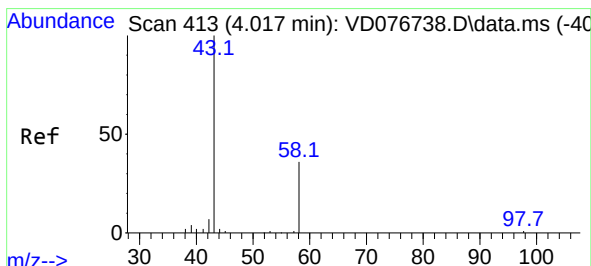
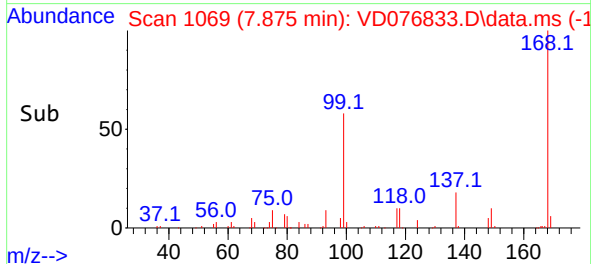
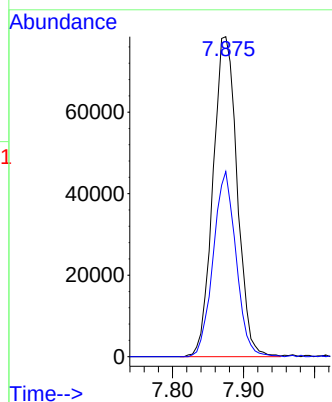


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Instrument :
MSVOA_D
ClientSampleId :

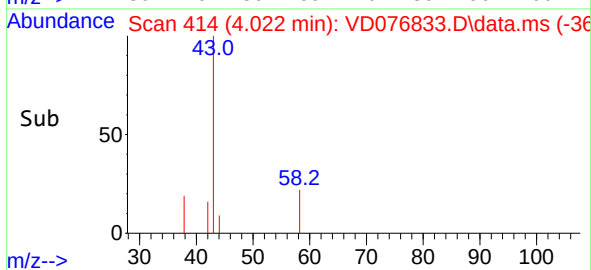
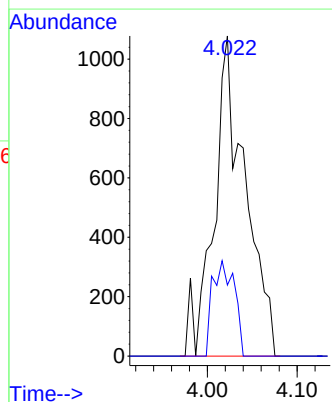
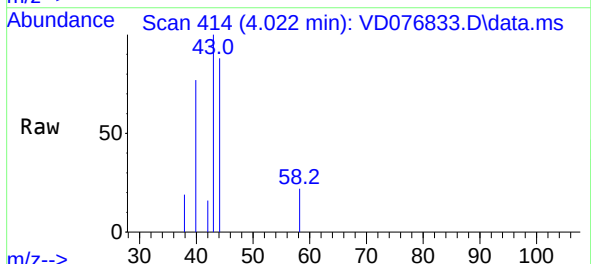


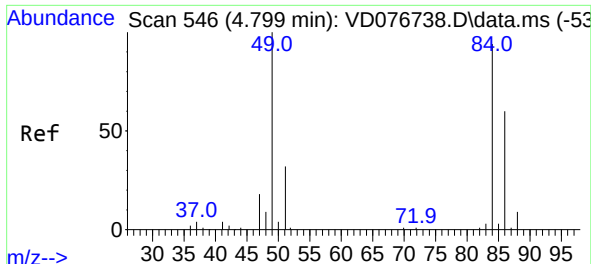
Tgt Ion:168 Resp: 185459
Ion Ratio Lower Upper
168 100
99 57.8 36.7 55.1#



#16
Acetone
Concen: 5.896 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

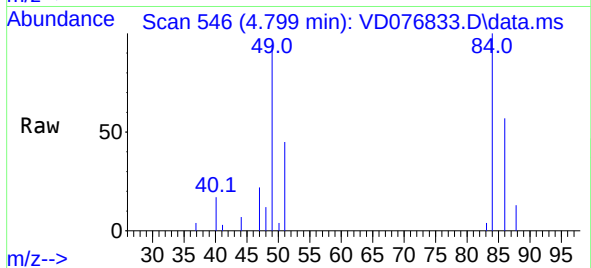
Tgt Ion: 43 Resp: 2601
Ion Ratio Lower Upper
43 100
58 22.2 34.7 52.1#





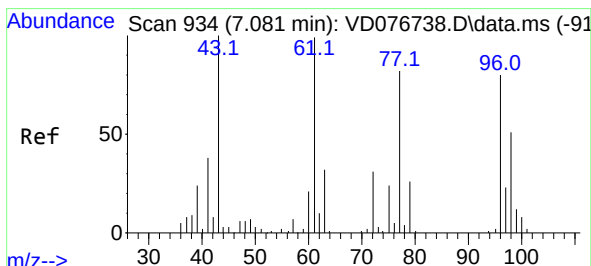
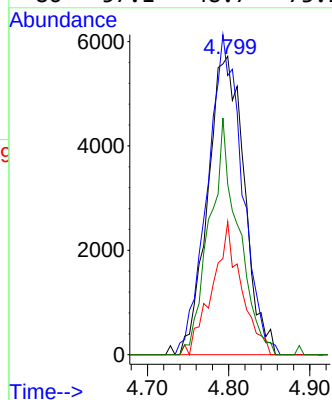
#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 17834

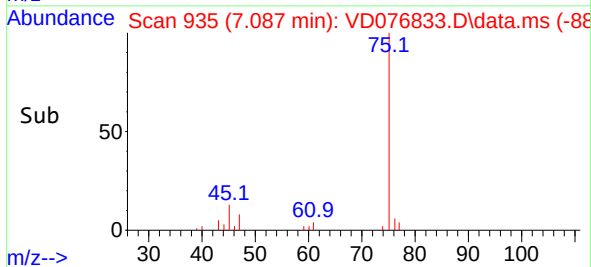
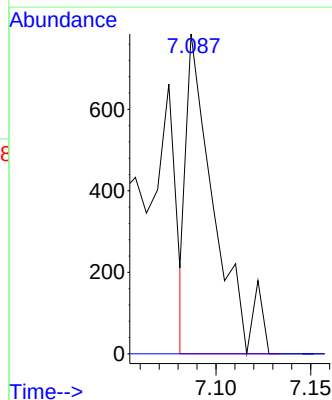
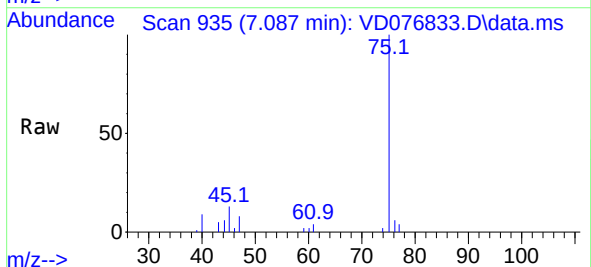
Ion	Ratio	Lower	Upper
84	100		
49	93.5	71.4	107.2
51	44.6	24.5	36.7#
86	57.1	48.7	73.1

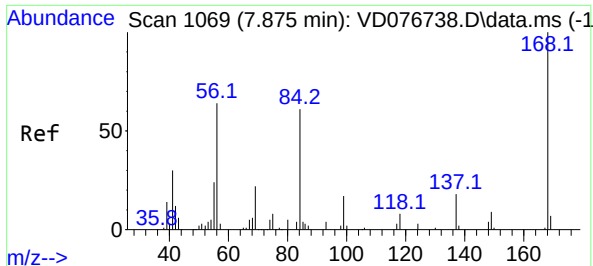


#25
2-Butanone
Concen: 1.365 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Tgt Ion: 43 Resp: 806

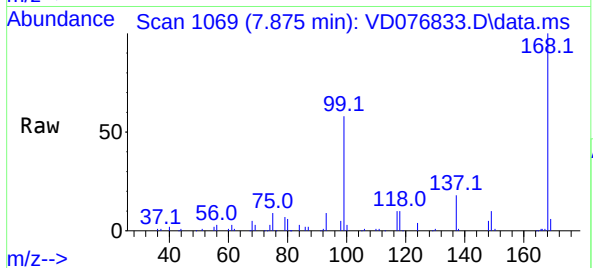
Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#



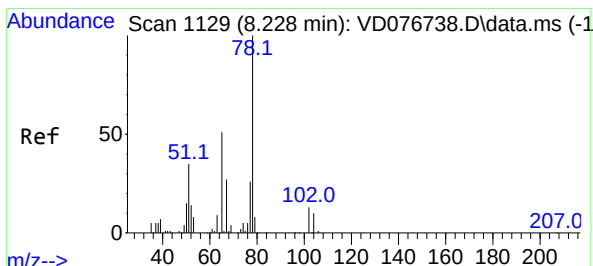
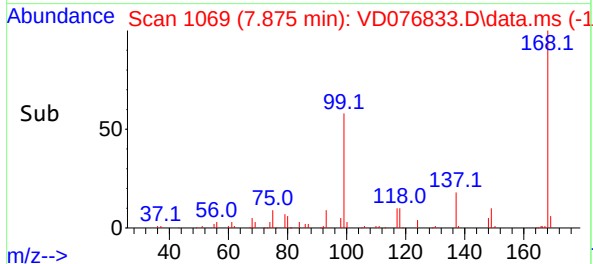
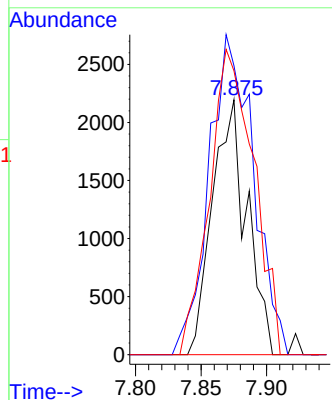


#31
Cyclohexane
Concen: 1.474 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Instrument :
MSVOA_D
ClientSampleId :

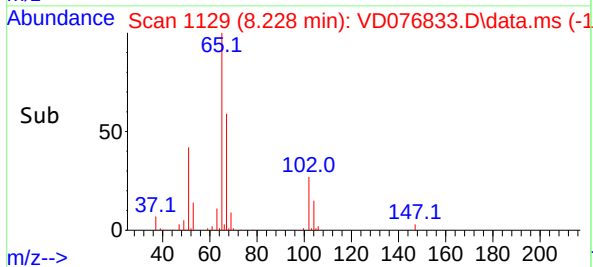
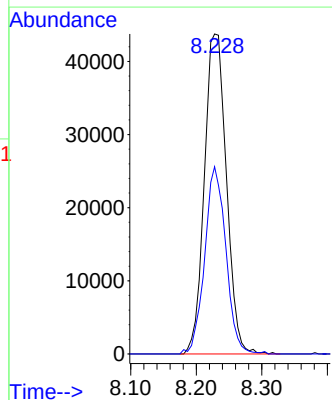
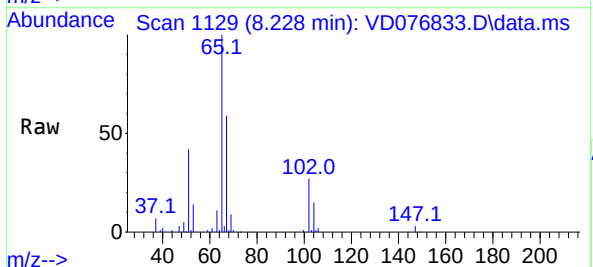


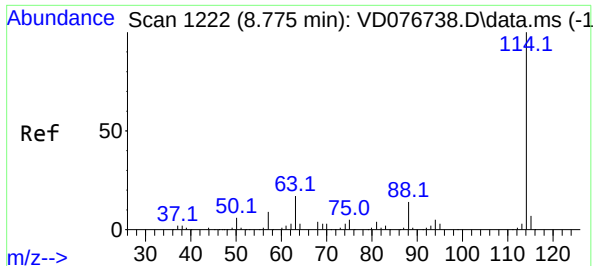
Tgt Ion: 56 Resp: 4007
Ion Ratio Lower Upper
56 100
69 105.8 28.6 43.0#
84 111.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 55.460 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Tgt Ion: 65 Resp: 102448
Ion Ratio Lower Upper
65 100
67 56.2 0.0 115.0

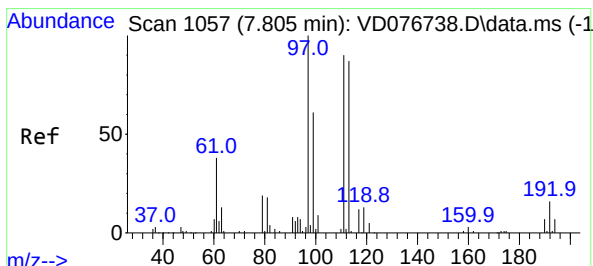
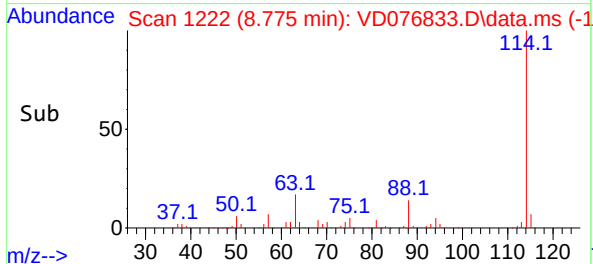
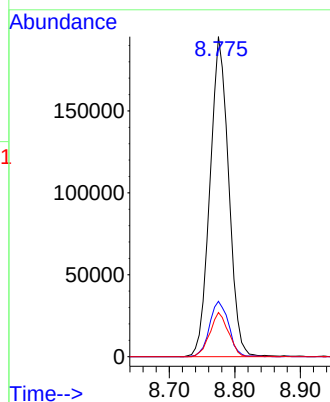
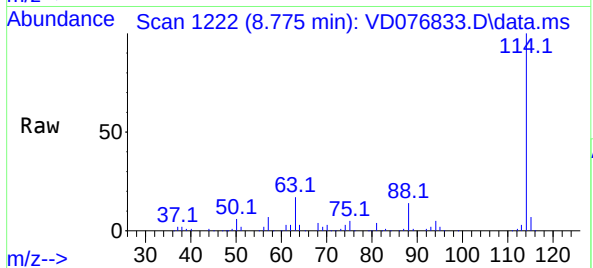




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

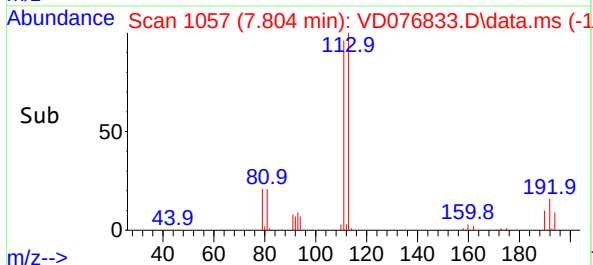
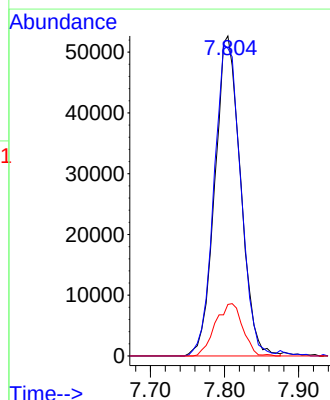
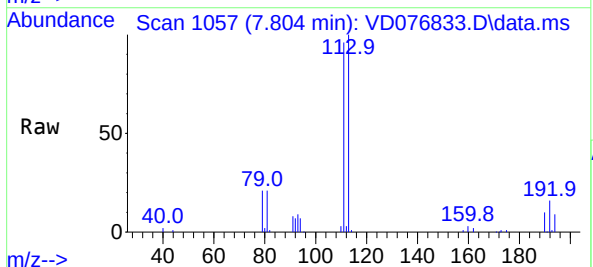
Instrument :
MSVOA_D
ClientSampleId :

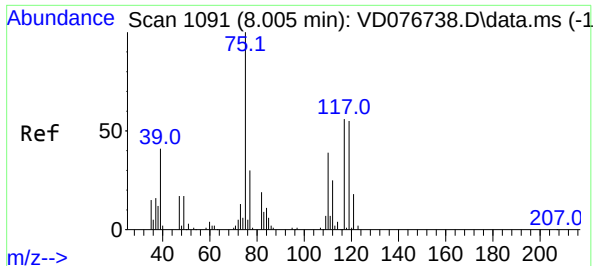
Tgt Ion:114 Resp: 386276
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 13.8 0.0 26.2



#35
Dibromofluoromethane
Concen: 52.114 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Tgt Ion:113 Resp: 126502
Ion Ratio Lower Upper
113 100
111 101.0 84.7 127.1
192 17.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.926 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076833.D

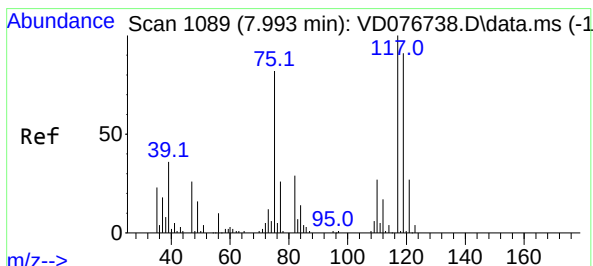
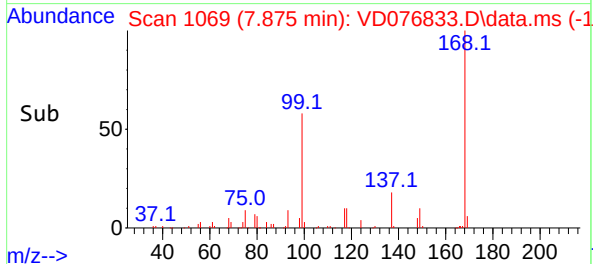
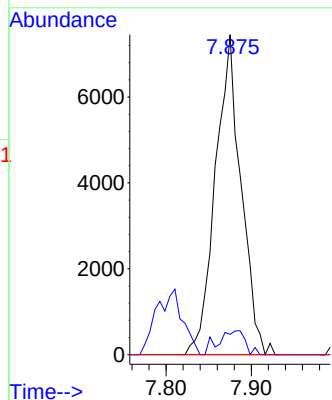
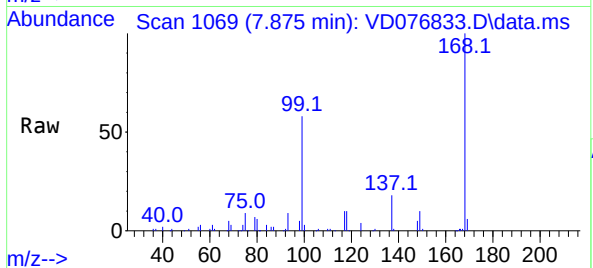
Acq: 27 Jul 2023 14:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	75	Resp:	15626
Ion	Ratio	Lower	Upper
75	100		
110	7.8	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 6.158 ug/l

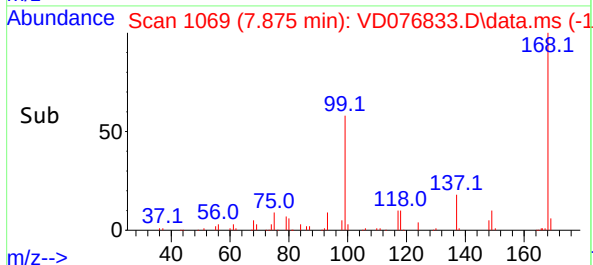
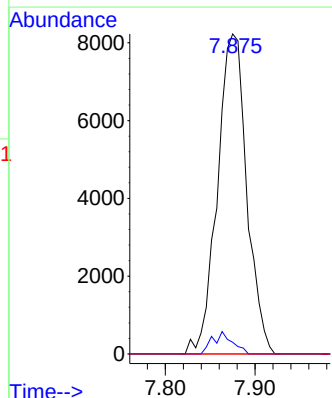
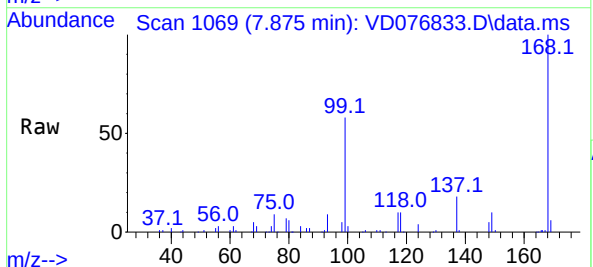
RT: 7.875 min Scan# 1069

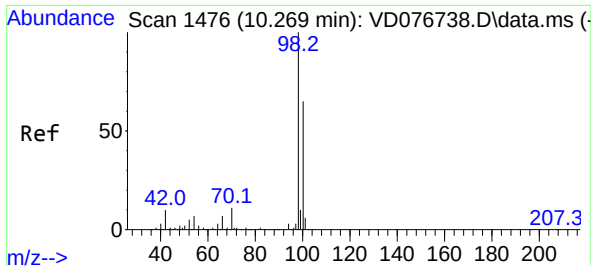
Delta R.T. -0.118 min

Lab File: VD076833.D

Acq: 27 Jul 2023 14:44

Tgt Ion:	117	Resp:	18703
Ion	Ratio	Lower	Upper
117	100		
119	3.6	78.0	117.0#
121	0.0	24.2	36.2#

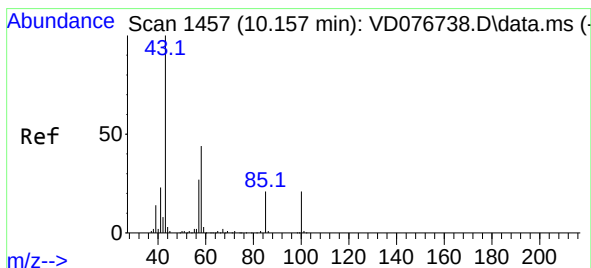
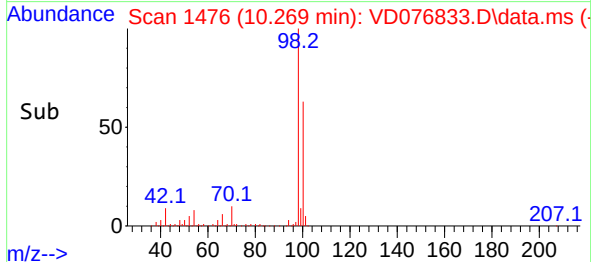
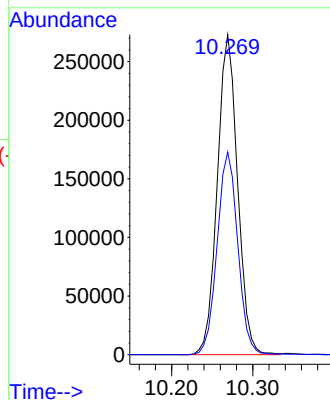
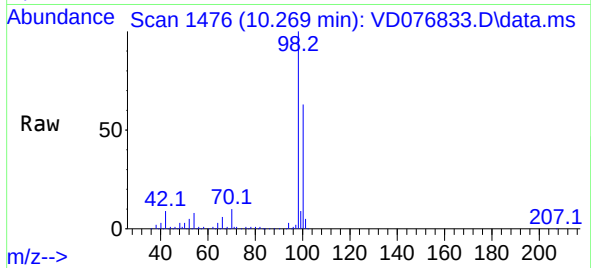




#50
Toluene-d8
Concen: 54.567 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

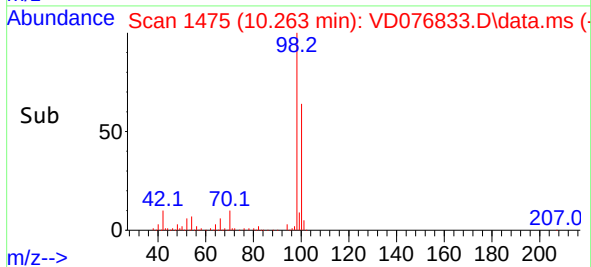
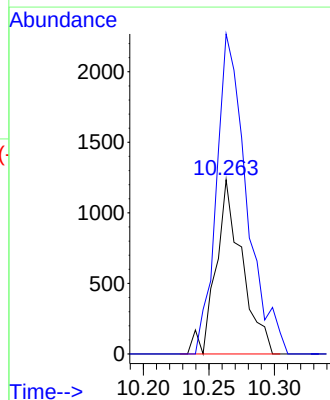
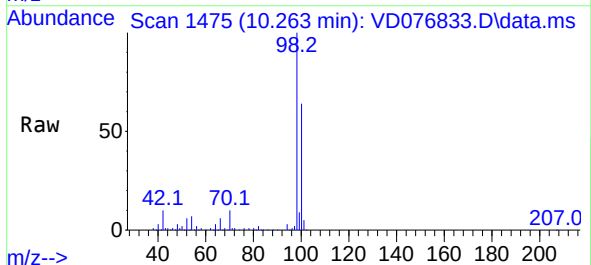
Instrument :
MSVOA_D
ClientSampleId :

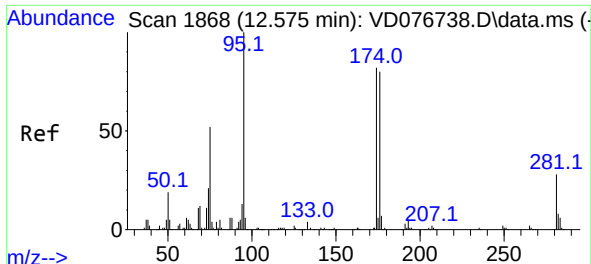
Tgt Ion: 98 Resp: 473839
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.157 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Tgt Ion: 43 Resp: 1705
Ion Ratio Lower Upper
43 100
58 213.0 38.9 58.3#

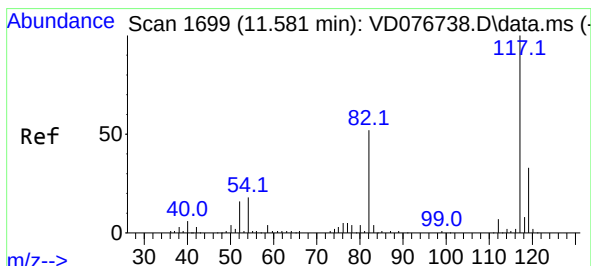
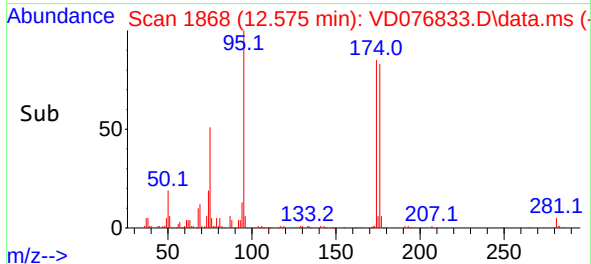
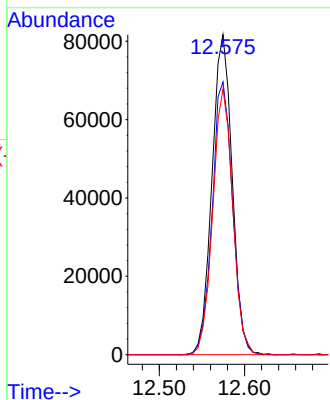
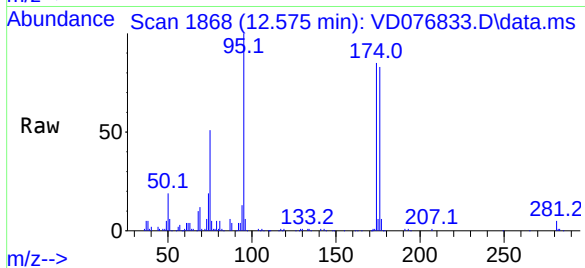




#62
4-Bromofluorobenzene
Concen: 47.848 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

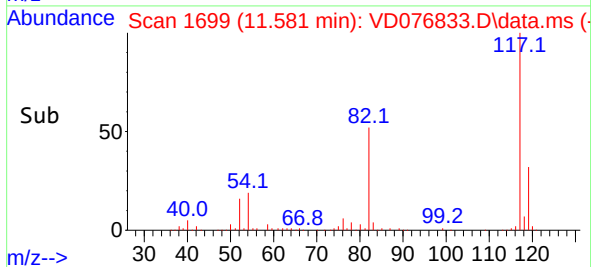
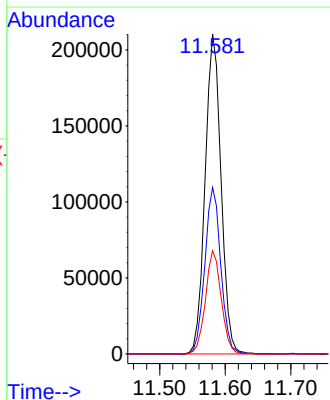
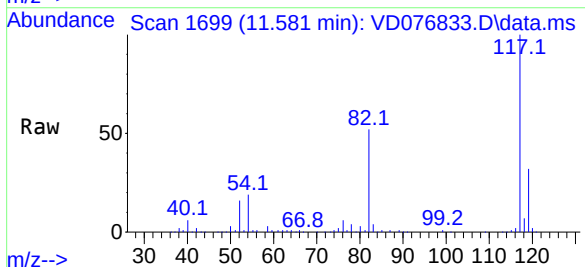
Instrument :
MSVOA_D
ClientSampleId :

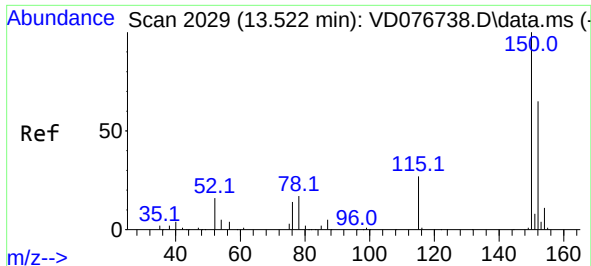
Tgt Ion: 95 Resp: 134414
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 82.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

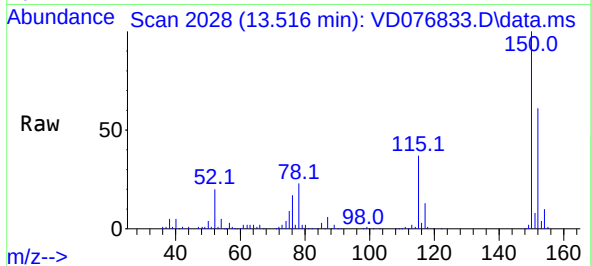
Tgt Ion: 117 Resp: 355937
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.2 25.0 37.4



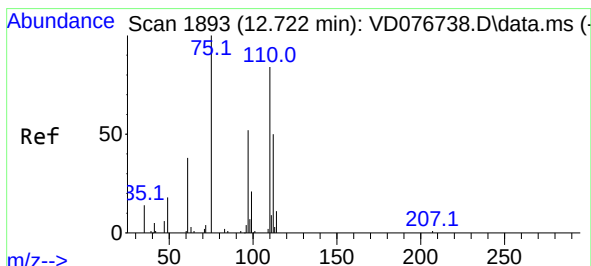
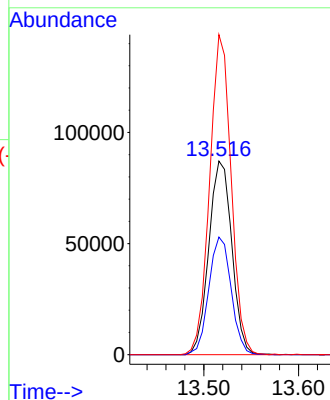
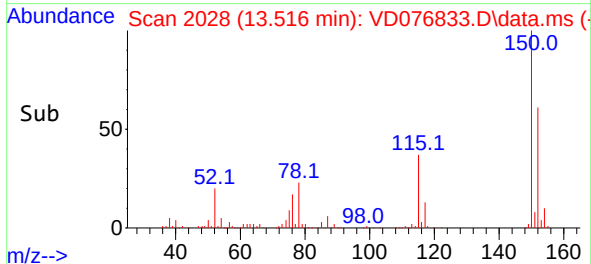


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

Instrument :
MSVOA_D
ClientSampleId :

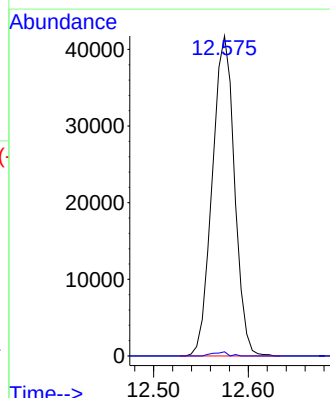
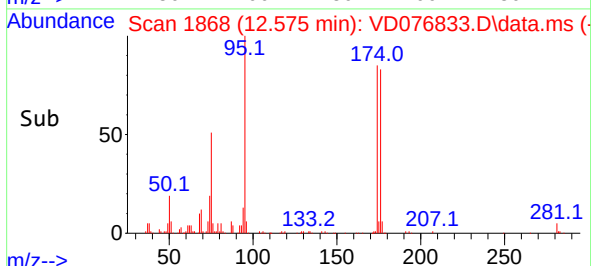
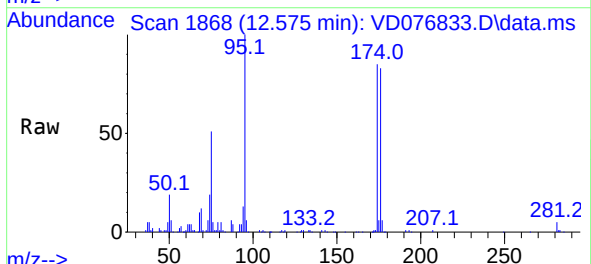


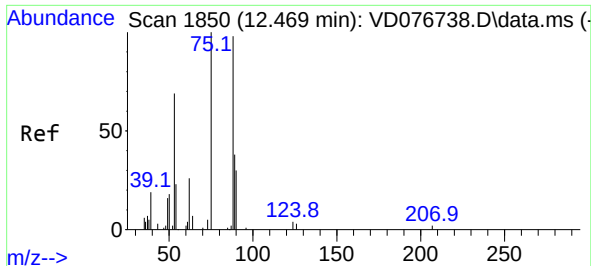
Tgt Ion:152 Resp: 147157
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 154.5 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.725 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076833.D
Acq: 27 Jul 2023 14:44

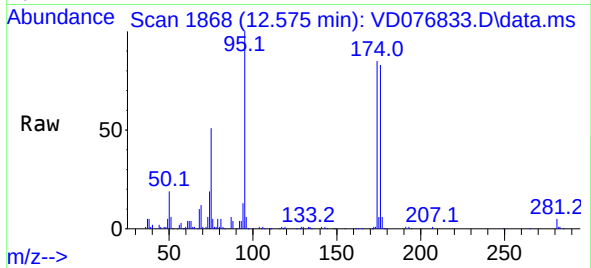
Tgt Ion: 75 Resp: 68188
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.699 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076833.D
 Acq: 27 Jul 2023 14:44

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	68188
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

