

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076810.D
 Acq On : 26 Jul 2023 17:15
 Operator : KP/SY
 Sample : 03769-05
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:24:53 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)

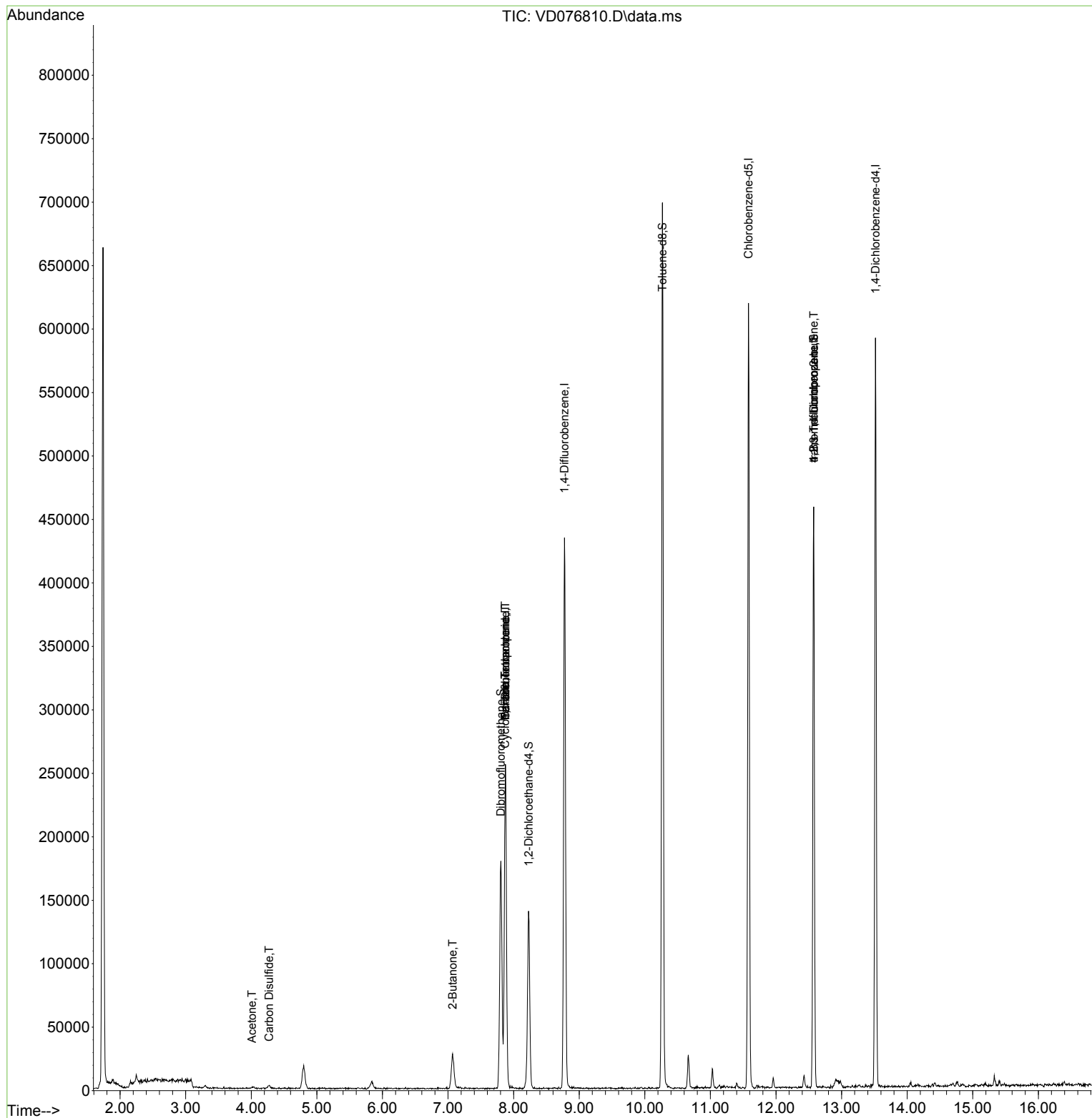
Internal Standards						
1) Pentafluorobenzene	7.875	168	197199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	403328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	368097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106444	54.193	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 108.380%		
35) Dibromofluoromethane	7.805	113	132531	52.290	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.580%		
50) Toluene-d8	10.269	98	489904	54.031	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 108.060%		
62) 4-Bromofluorobenzene	12.575	95	142123	48.453	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 96.900%		
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	522	1.113	ug/l #	32
17) Carbon Disulfide	4.269	76	4846	1.065	ug/l #	71
20) Methylene Chloride	4.793	84	14077	Below Cal		94
25) 2-Butanone	7.069	43	926	1.475	ug/l #	37
31) Cyclohexane	7.869	56	4065	1.406	ug/l #	15
36) 1,1-Dichloropropene	7.875	75	16051	4.846	ug/l #	47
38) Carbon Tetrachloride	7.875	117	19839	6.256	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	72908	47.952	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	72908	102.053	ug/l #	17

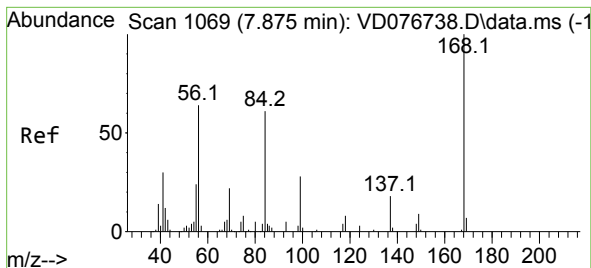
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076810.D

Acq: 26 Jul 2023 17:15

Instrument :

MSVOA_D

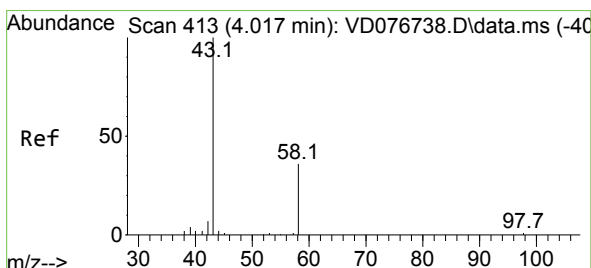
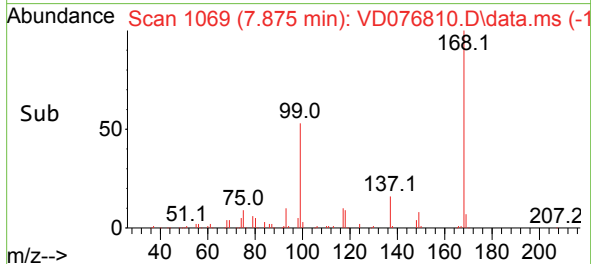
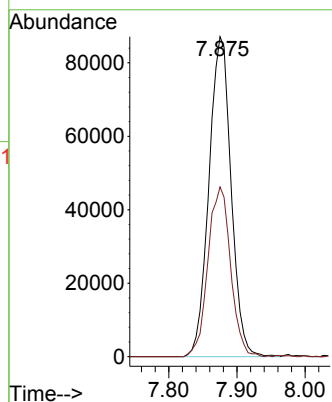
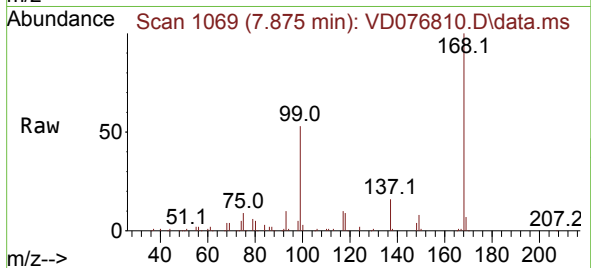
ClientSampleId :

Tgt Ion:168 Resp: 197199

Ion Ratio Lower Upper

168 100

99 53.1 36.7 55.1



#16

Acetone

Concen: 1.113 ug/l

RT: 4.011 min Scan# 412

Delta R.T. -0.006 min

Lab File: VD076810.D

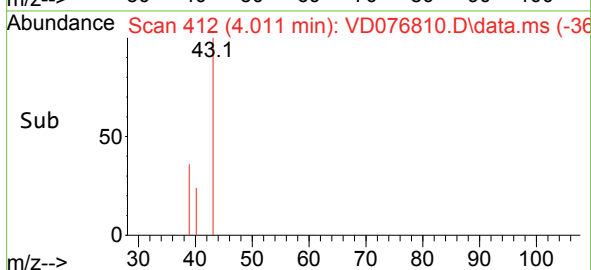
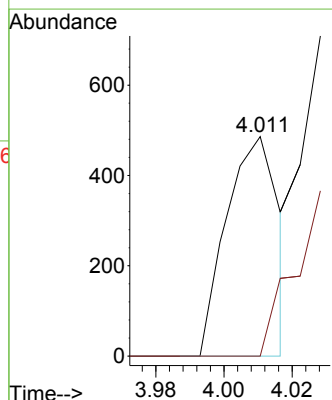
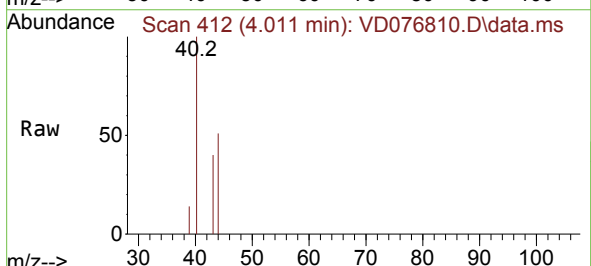
Acq: 26 Jul 2023 17:15

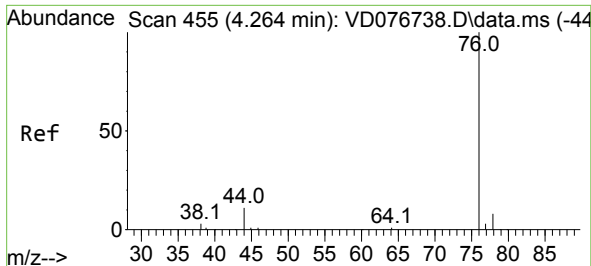
Tgt Ion: 43 Resp: 522

Ion Ratio Lower Upper

43 100

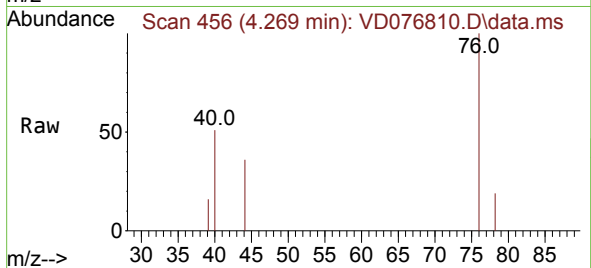
58 0.0 34.7 52.1#



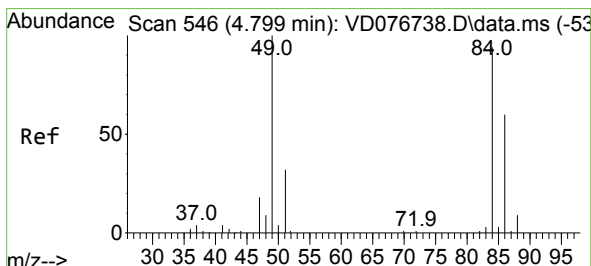
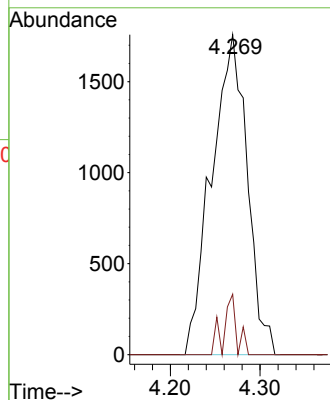
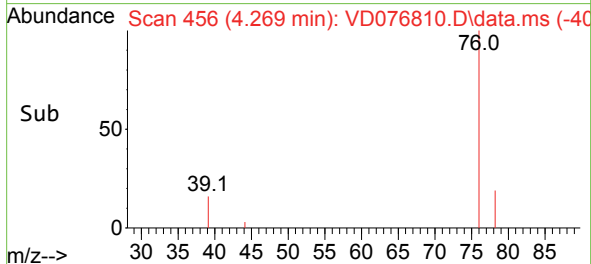


#17
Carbon Disulfide
Concen: 1.065 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

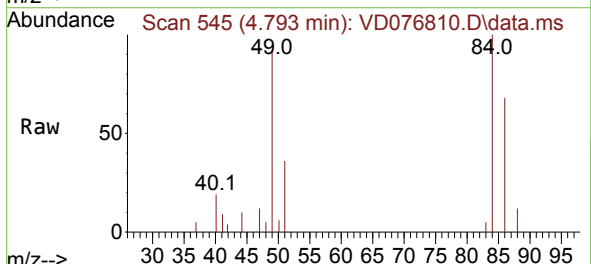
Instrument :
MSVOA_D
ClientSampleId :



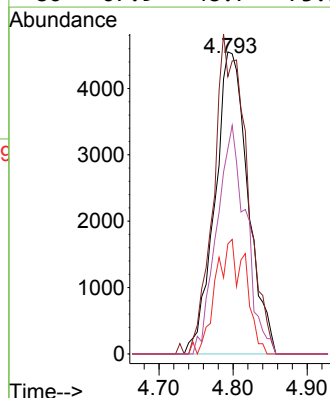
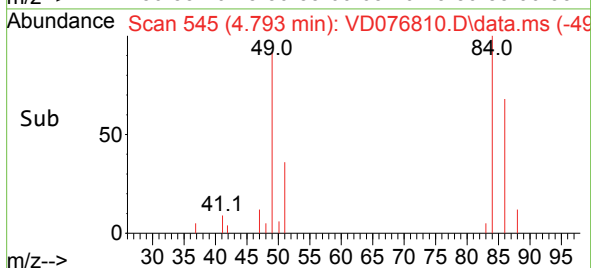
Tgt Ion: 76 Resp: 4846
Ion Ratio Lower Upper
76 100
78 18.9 6.8 10.2#

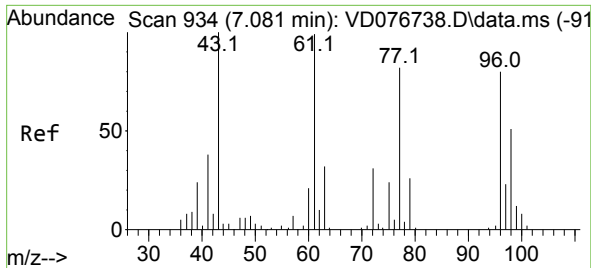


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15



Tgt Ion: 84 Resp: 14077
Ion Ratio Lower Upper
84 100
49 91.9 71.4 107.2
51 36.5 24.5 36.7
86 67.9 48.7 73.1

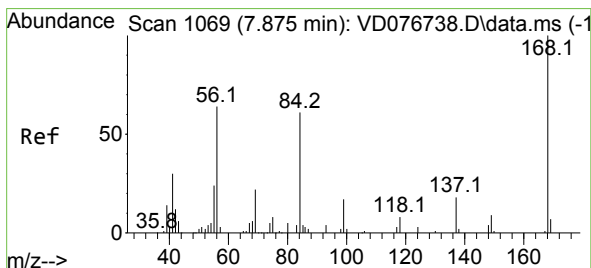
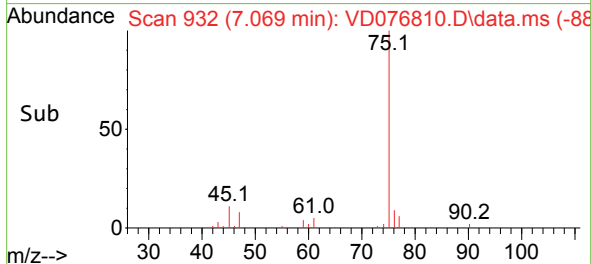
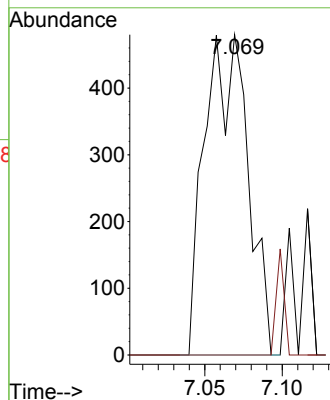
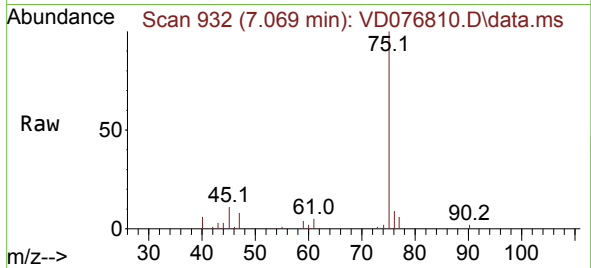




#25
2-Butanone
Concen: 1.475 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

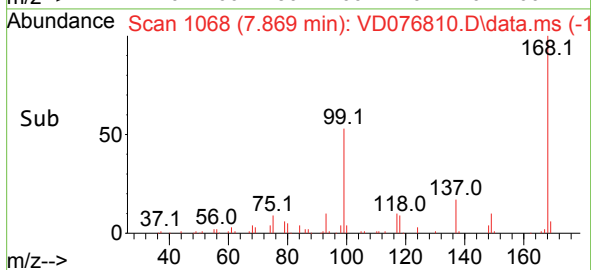
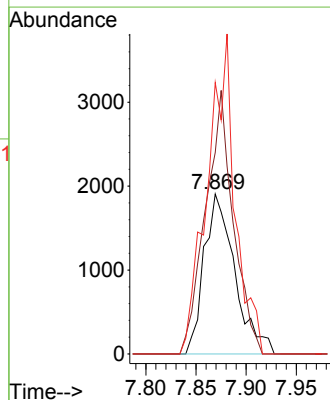
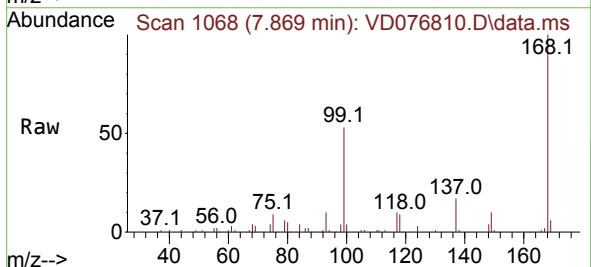
Instrument :
MSVOA_D
ClientSampleId :

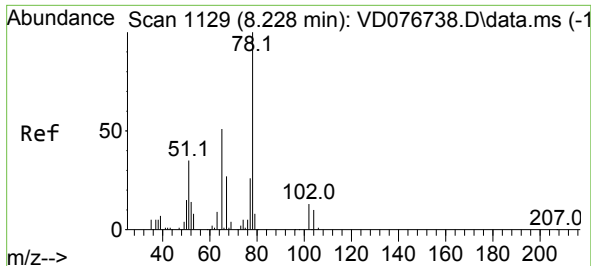
Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.406 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

Tgt Ion: 56 Resp: 4065
Ion Ratio Lower Upper
56 100
69 125.9 28.6 43.0#
84 169.7 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 54.193 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076810.D

Acq: 26 Jul 2023 17:15

Instrument :

MSVOA_D

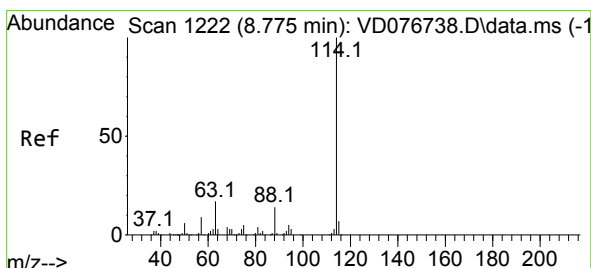
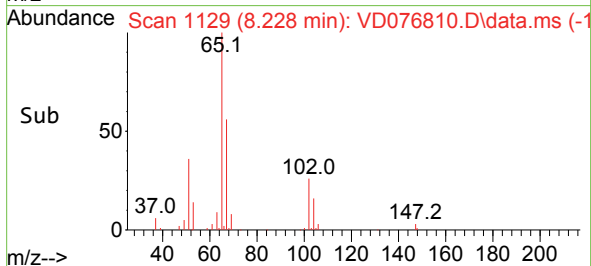
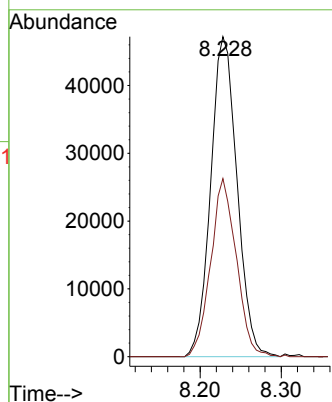
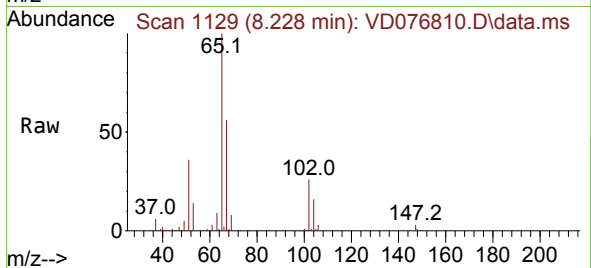
ClientSampleId :

Tgt Ion: 65 Resp: 106444

Ion Ratio Lower Upper

65 100

67 54.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076810.D

Acq: 26 Jul 2023 17:15

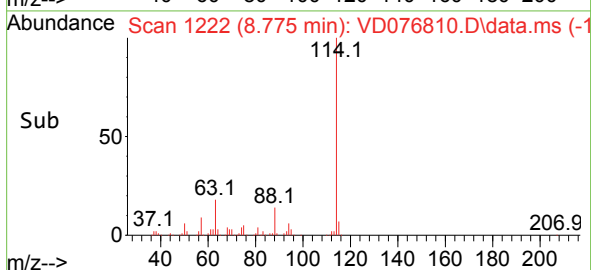
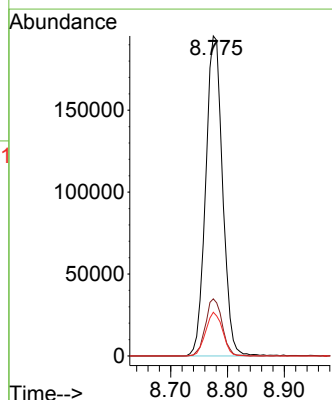
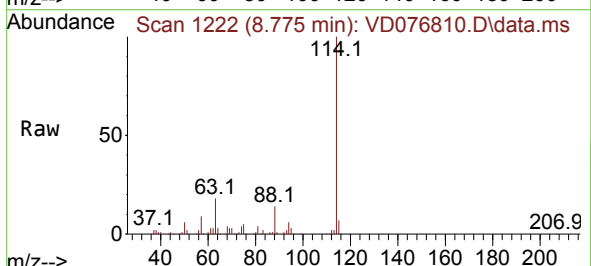
Tgt Ion: 114 Resp: 403328

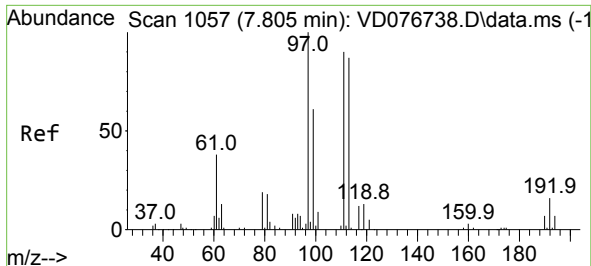
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

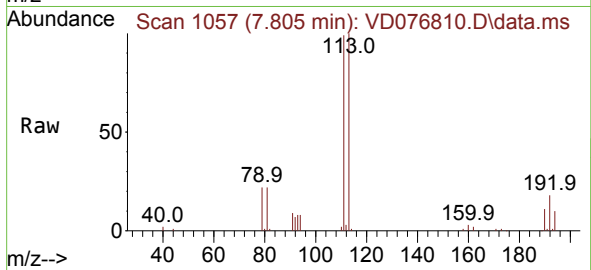
88 13.7 0.0 26.2



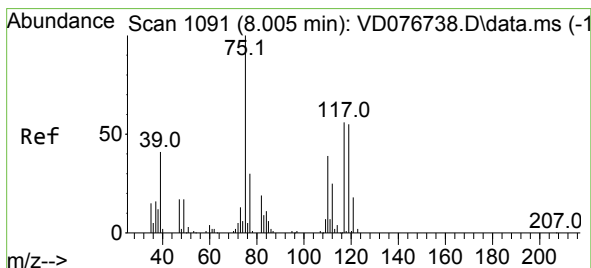
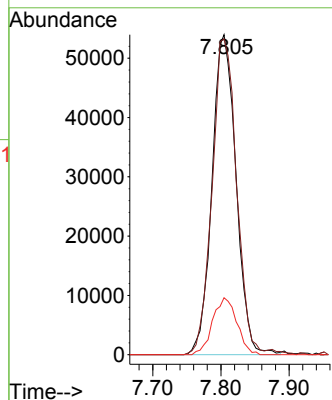
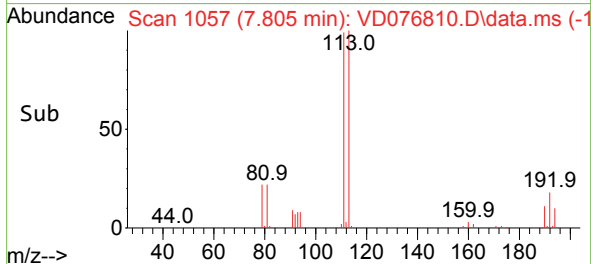


#35
Dibromofluoromethane
Concen: 52.290 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

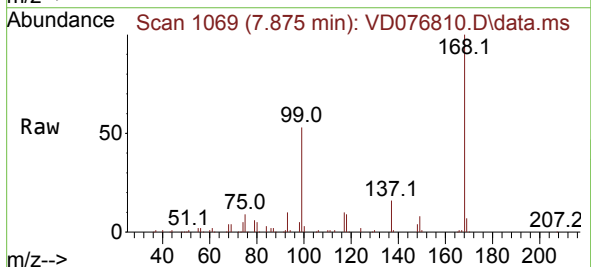
Instrument :
MSVOA_D
ClientSampleId :



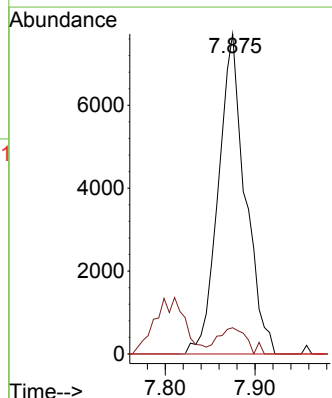
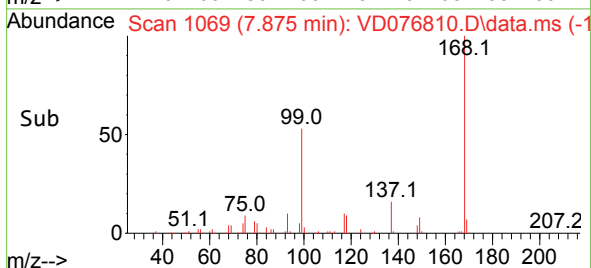
Tgt Ion:113 Resp: 132531
Ion Ratio Lower Upper
113 100
111 100.1 84.7 127.1
192 18.0 16.8 25.2

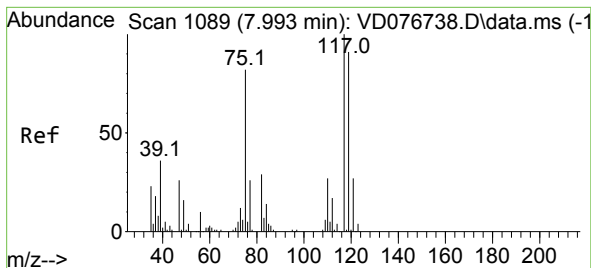


#36
1,1-Dichloropropene
Concen: 4.846 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.130 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15



Tgt Ion: 75 Resp: 16051
Ion Ratio Lower Upper
75 100
110 8.8 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 6.256 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

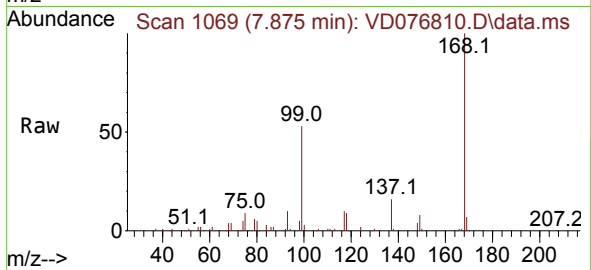
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Acq: 26 Jul 2023 17:15

Instrument :

MSVOA_D

ClientSampleId :



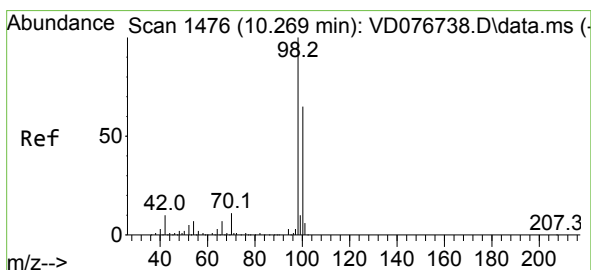
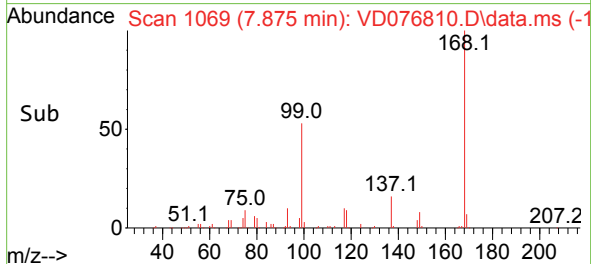
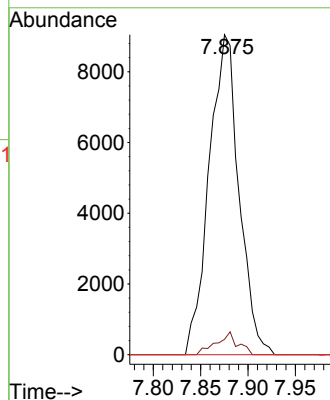
Tgt Ion:117 Resp: 19839

Ion Ratio Lower Upper

117 100

119 4.8 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 54.031 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076810.D

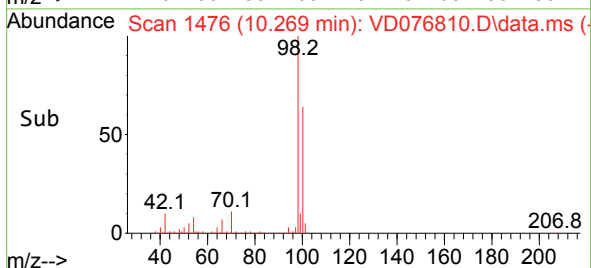
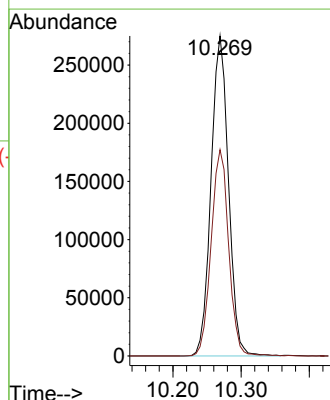
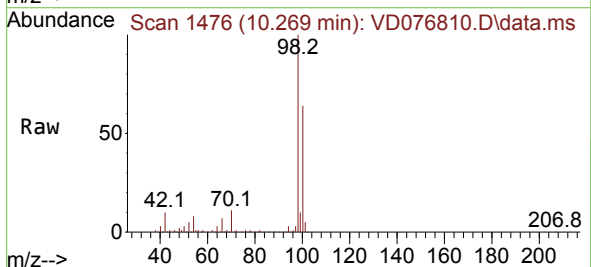
Acq: 26 Jul 2023 17:15

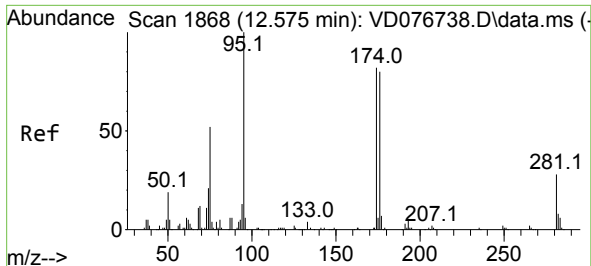
Tgt Ion: 98 Resp: 489904

Ion Ratio Lower Upper

98 100

100 64.8 50.3 75.5

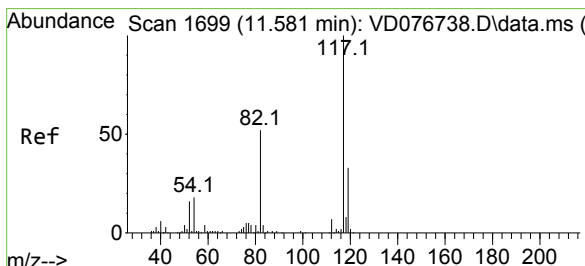
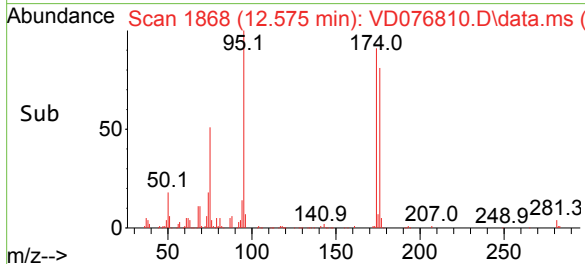
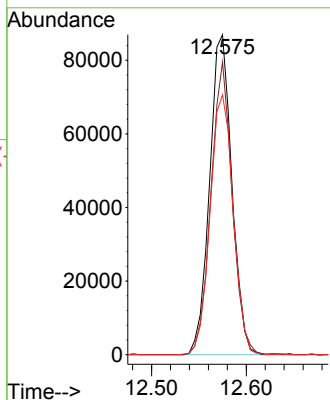
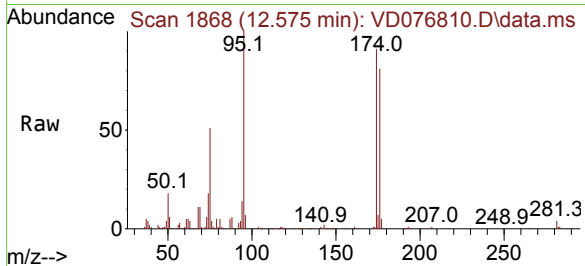




#62
4-Bromofluorobenzene
Concen: 48.453 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

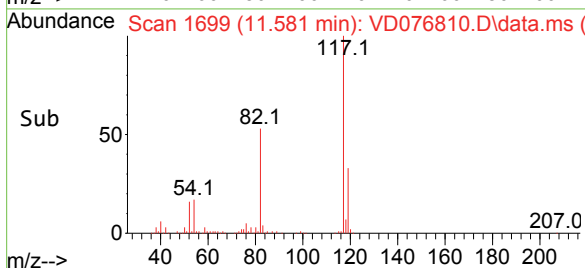
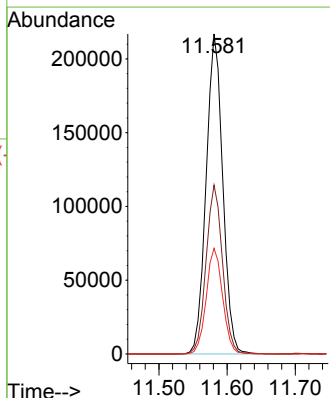
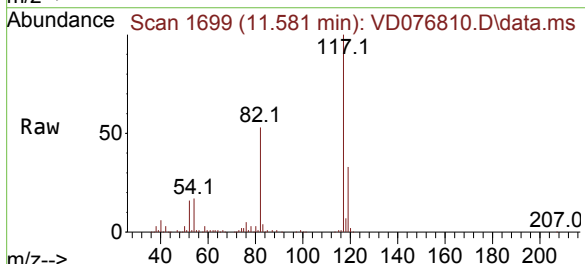
Instrument :
MSVOA_D
ClientSampleId :

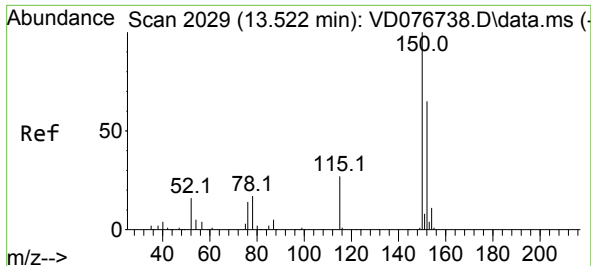
Tgt Ion: 95 Resp: 142123
Ion Ratio Lower Upper
95 100
174 87.4 0.0 201.8
176 83.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076810.D
Acq: 26 Jul 2023 17:15

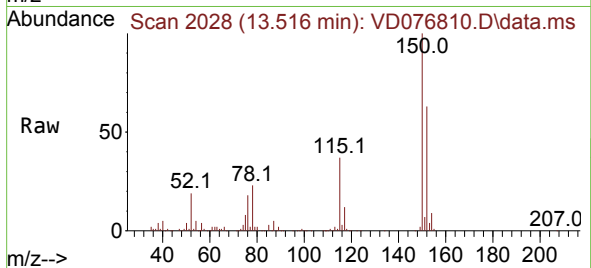
Tgt Ion: 117 Resp: 368097
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 33.0 25.0 37.4



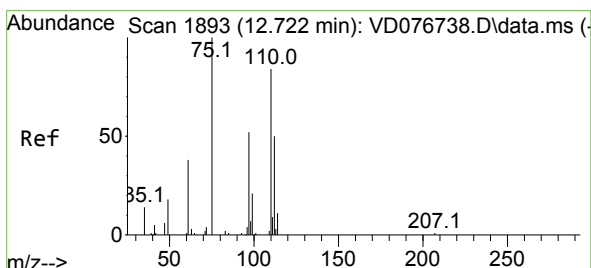
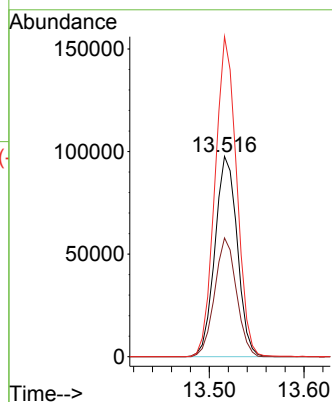
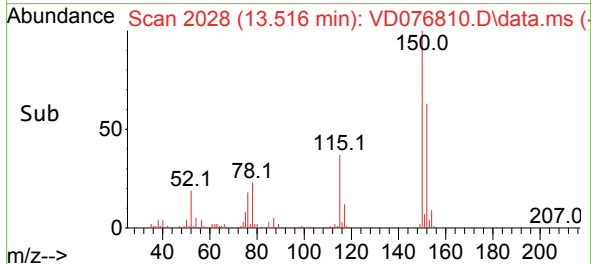


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD076810.D
 Acq: 26 Jul 2023 17:15

Instrument :
 MSVOA_D
 ClientSampleId :

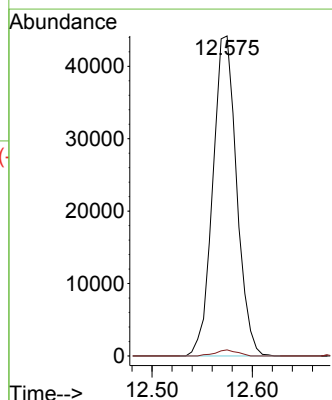
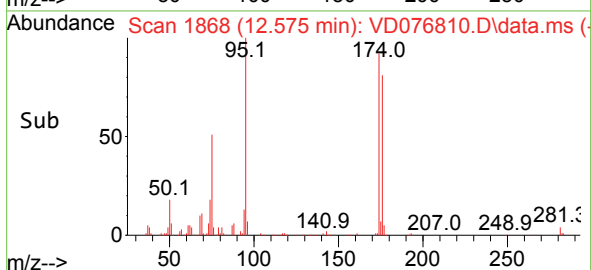
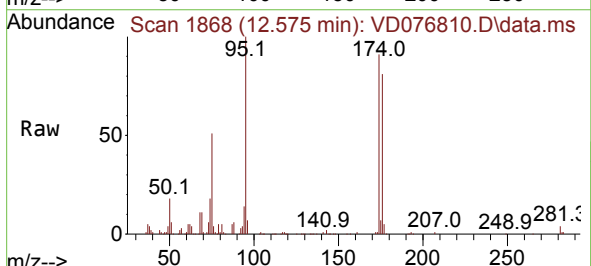


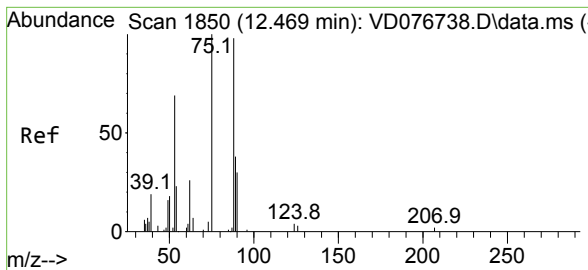
Tgt Ion:152 Resp: 159881
 Ion Ratio Lower Upper
 152 100
 115 57.8 27.1 81.3
 150 155.0 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 47.952 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076810.D
 Acq: 26 Jul 2023 17:15

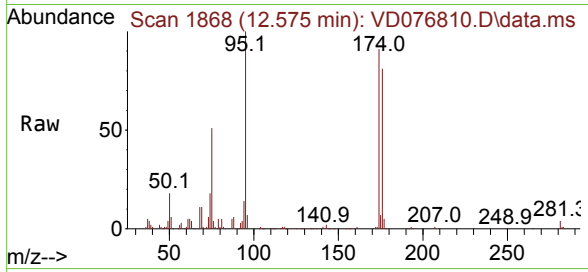
Tgt Ion: 75 Resp: 72908
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.053 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076810.D
 Acq: 26 Jul 2023 17:15

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	72908
Ion Ratio	Lower	Upper	
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

