

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077128.D
 Acq On : 18 Sep 2023 14:32
 Operator : JC/SY
 Sample : VD0918SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 04:55:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	148057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	343440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	362479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	169956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85123	56.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.940%
35) Dibromofluoromethane	7.804	113	116311	48.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.520%
50) Toluene-d8	10.269	98	407945	48.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.575	95	139875	53.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.300%

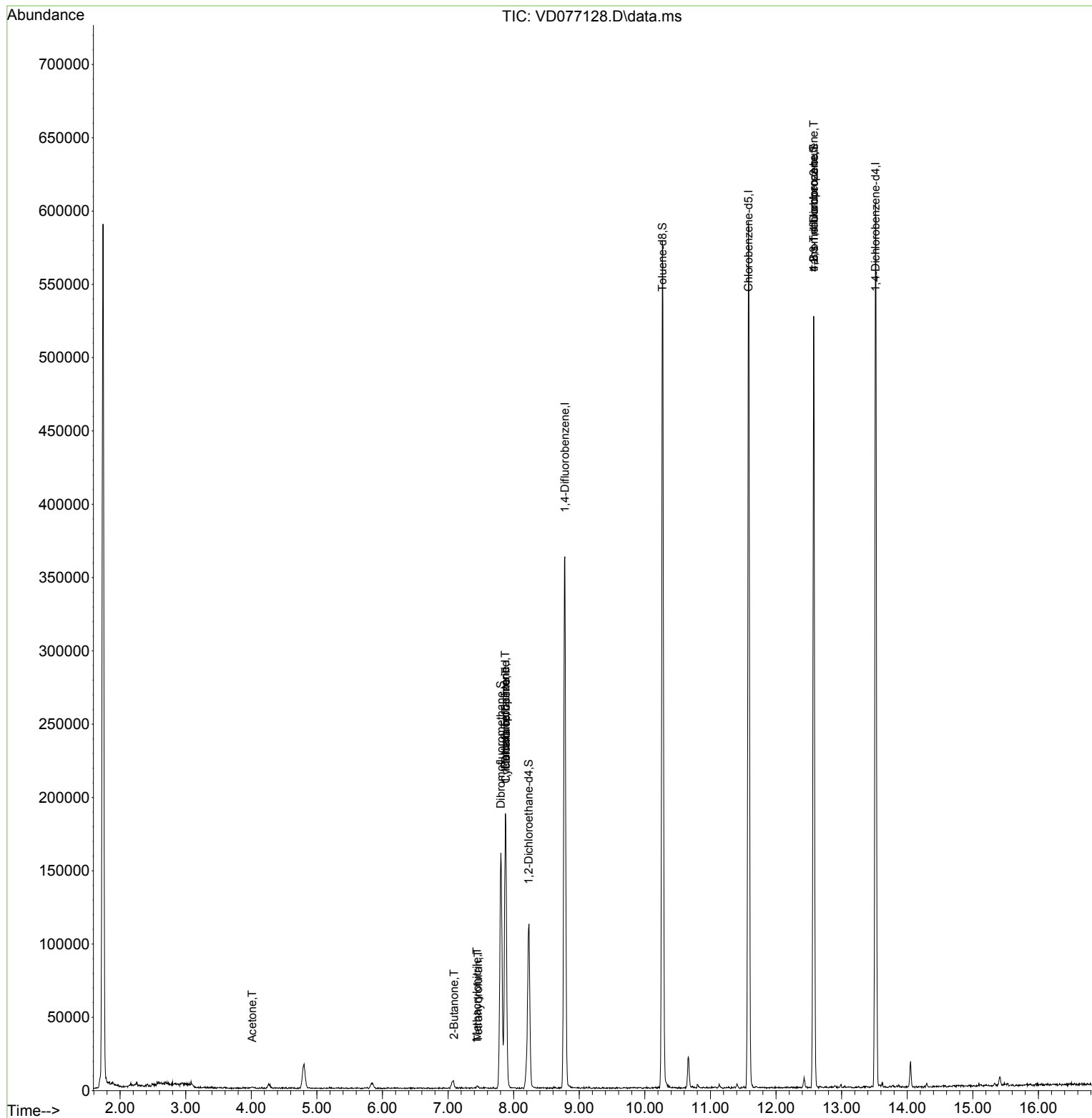
Target Compounds					Qvalue	
16) Acetone	4.016	43	975	2.855	ug/l #	32
20) Methylene Chloride	4.805	84	13237	Below Cal	#	88
25) 2-Butanone	7.093	43	566	1.260	ug/l #	37
29) Tetrahydrofuran	7.457	42	1066	4.059	ug/l #	47
31) Cyclohexane	7.881	56	2825	1.081	ug/l #	41
36) 1,1-Dichloropropene	7.881	75	10618	2.956	ug/l #	48
38) Carbon Tetrachloride	7.875	117	14909	4.222	ug/l #	16
41) Methacrylonitrile	7.440	41	778	1.058	ug/l #	26
76) 1,2,3-Trichloropropane	12.575	75	73435	54.168	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	73435	102.529	ug/l #	17

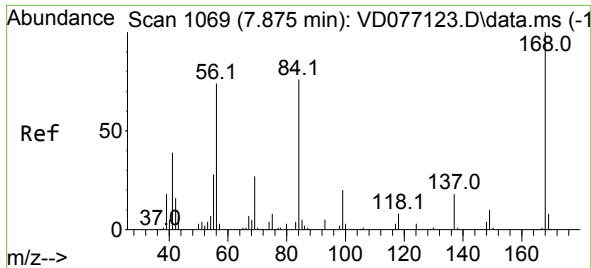
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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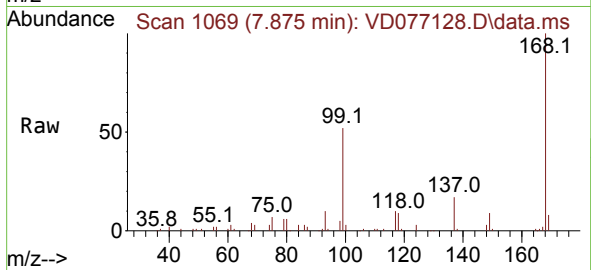
Quant Time: Sep 19 04:55:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
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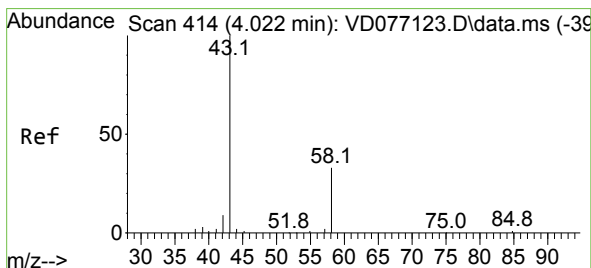
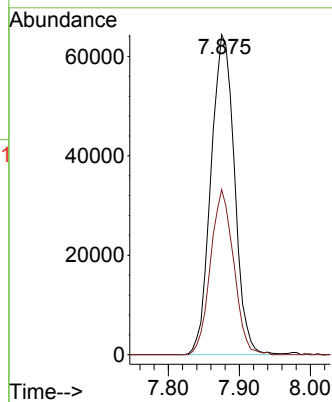
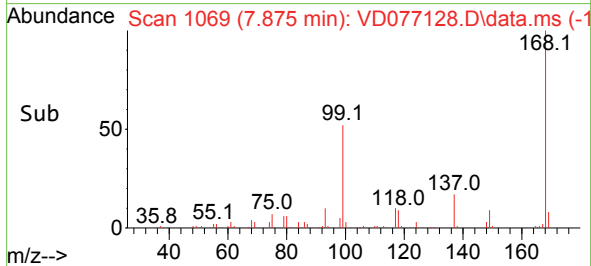


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :

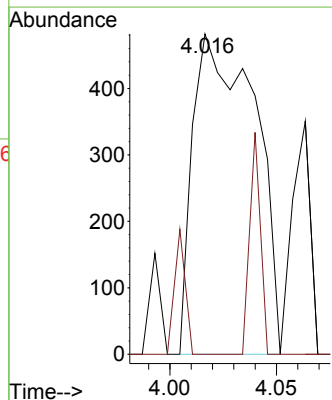
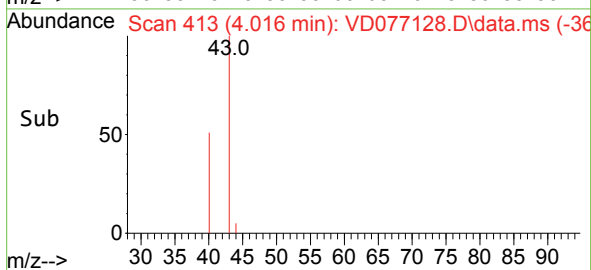
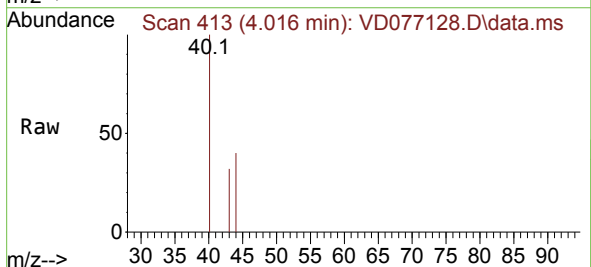


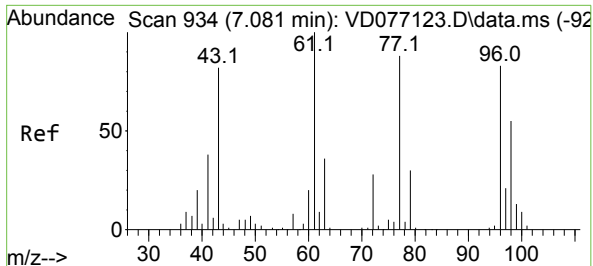
Tgt Ion:168 Resp: 148057
Ion Ratio Lower Upper
168 100
99 51.6 36.7 55.1



#16
Acetone
Concen: 2.855 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

Tgt Ion: 43 Resp: 975
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#25

2-Butanone

Concen: 1.260 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

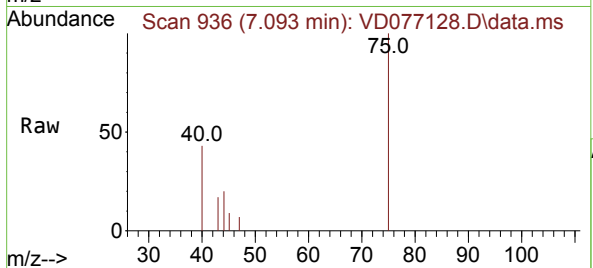
Lab File: VD077128.D

Acq: 18 Sep 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

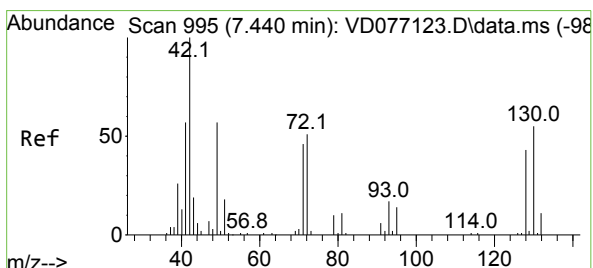
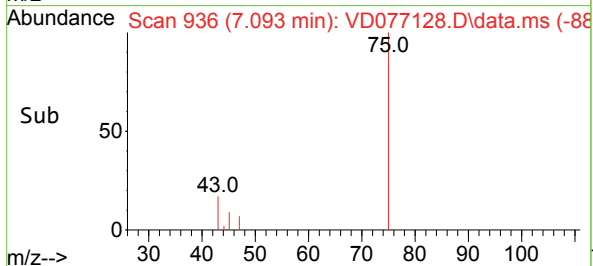
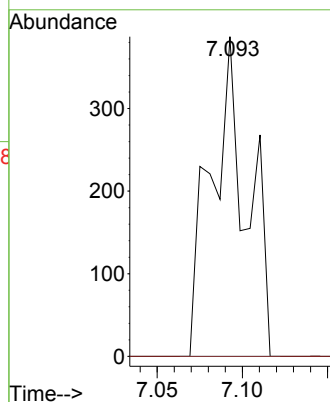


Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#29

Tetrahydrofuran

Concen: 4.059 ug/l

RT: 7.457 min Scan# 998

Delta R.T. 0.018 min

Lab File: VD077128.D

Acq: 18 Sep 2023 14:32

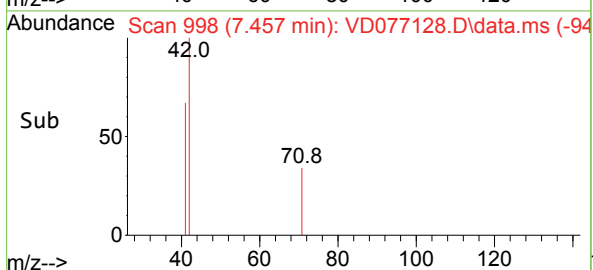
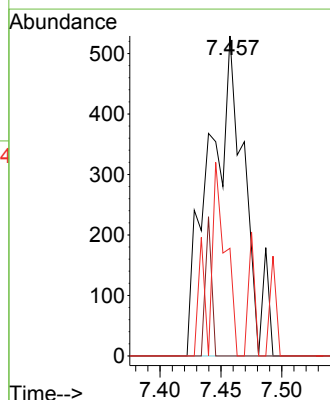
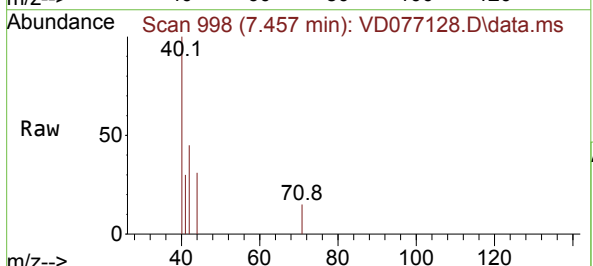
Tgt Ion: 42 Resp: 1066

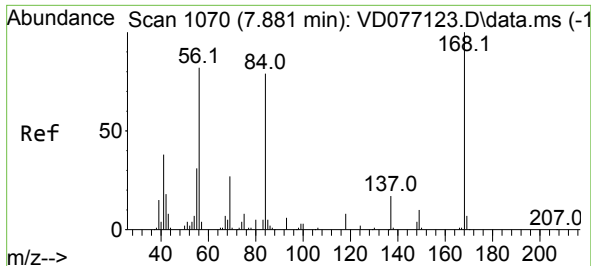
Ion Ratio Lower Upper

42 100

72 7.6 46.5 69.7#

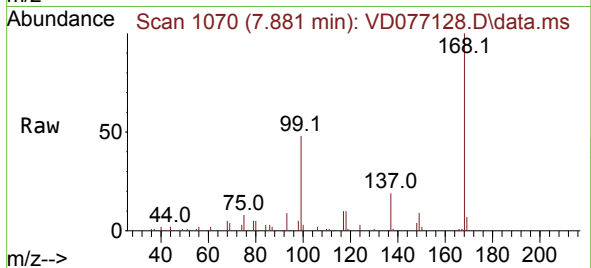
71 28.6 44.5 66.7#



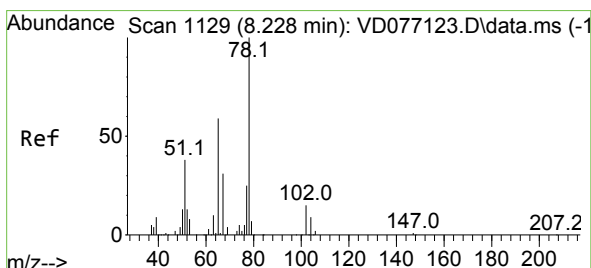
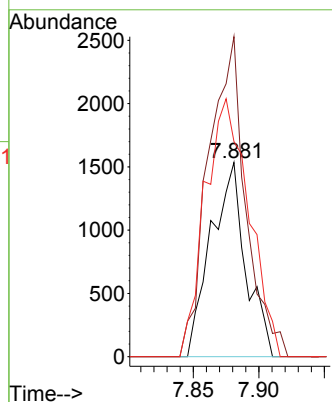
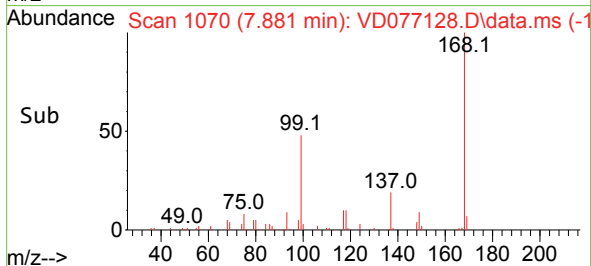


#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :

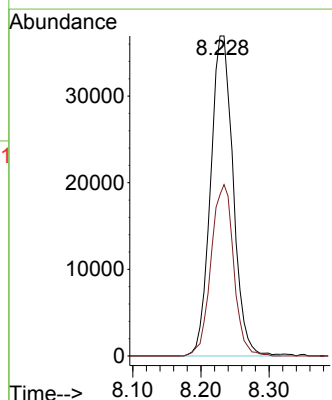
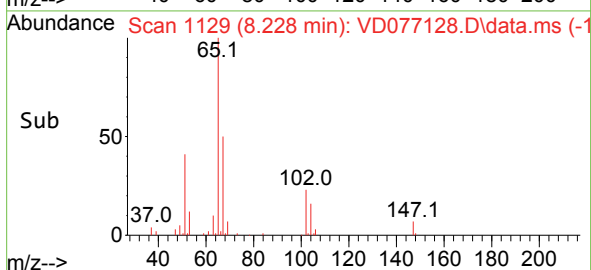
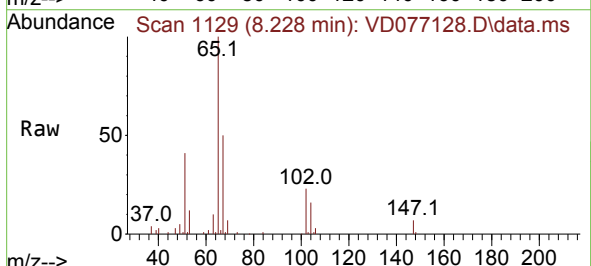


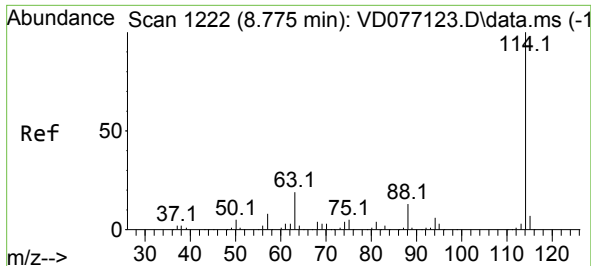
Tgt Ion: 56 Resp: 2825
Ion Ratio Lower Upper
56 100
69 164.8 28.6 43.0#
84 110.8 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 56.969 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

Tgt Ion: 65 Resp: 85123
Ion Ratio Lower Upper
65 100
67 53.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077128.D

Acq: 18 Sep 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :

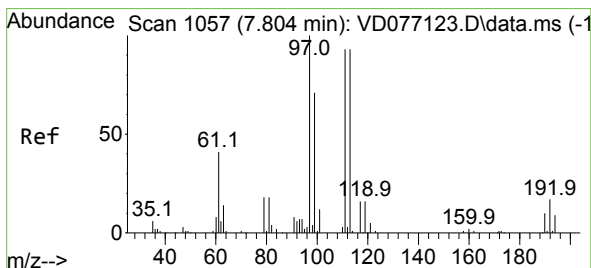
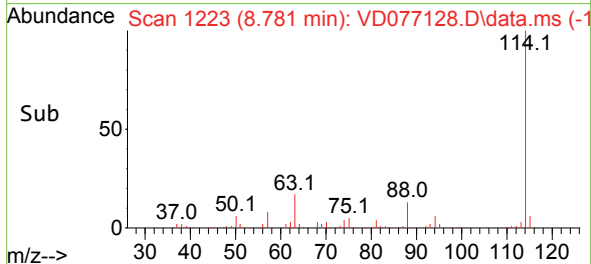
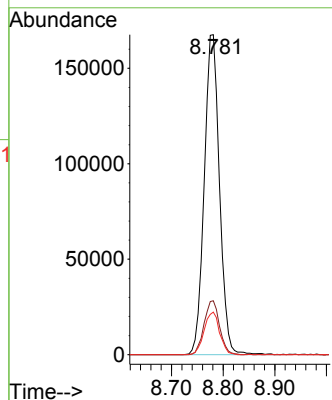
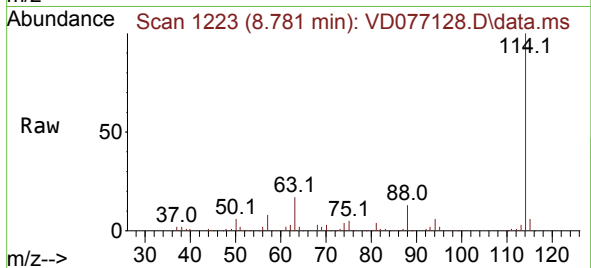
Tgt Ion:114 Resp: 343440

Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.757 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077128.D

Acq: 18 Sep 2023 14:32

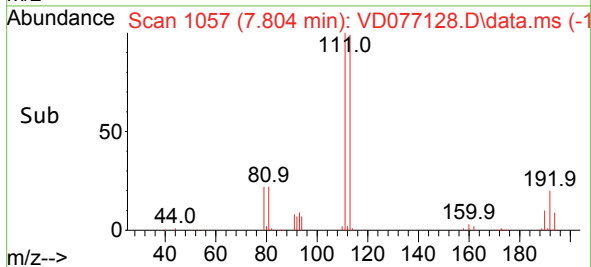
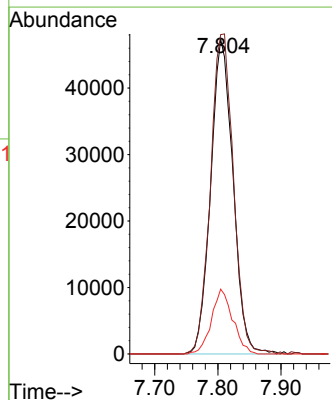
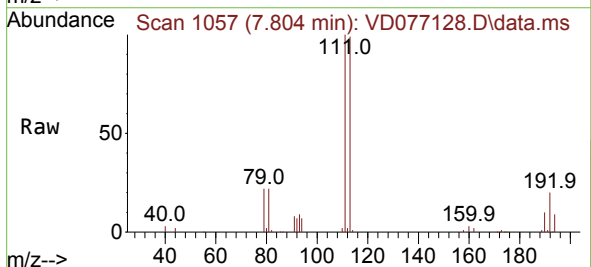
Tgt Ion:113 Resp: 116311

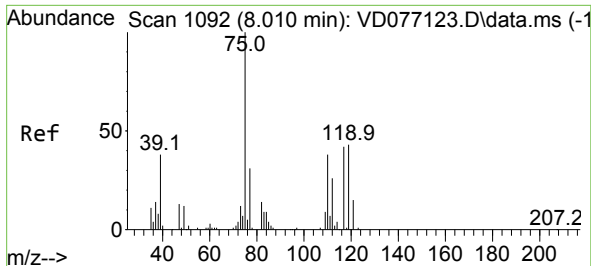
Ion Ratio Lower Upper

113 100

111 104.4 84.7 127.1

192 19.7 16.8 25.2





#36

1,1-Dichloropropene

Concen: 2.956 ug/l

RT: 7.881 min Scan# 10618

Delta R.T. -0.129 min

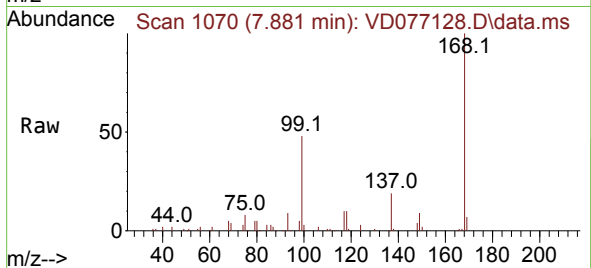
Lab File: VD077128.D

Acq: 18 Sep 2023 14:32

Instrument :

MSVOA_D

ClientSampleId :



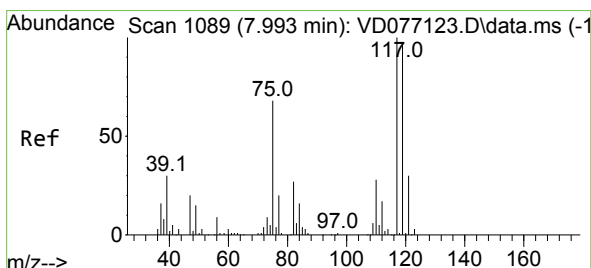
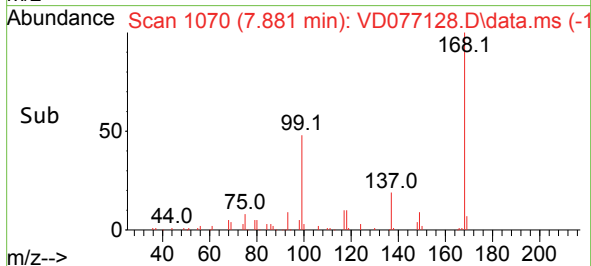
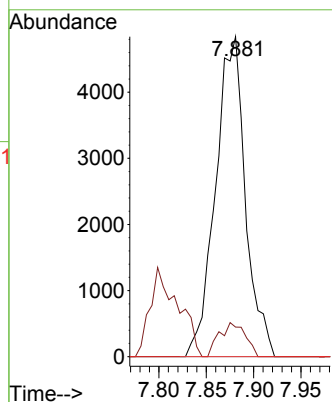
Tgt Ion: 75 Resp: 10618

Ion Ratio Lower Upper

75 100

110 9.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.222 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.117 min

Lab File: VD077128.D

Acq: 18 Sep 2023 14:32

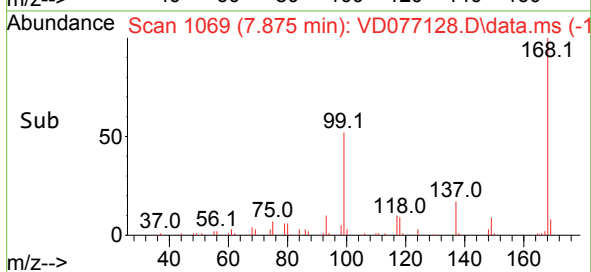
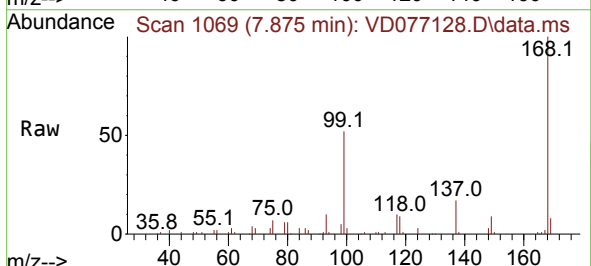
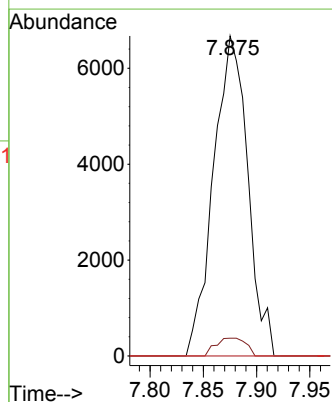
Tgt Ion: 117 Resp: 14909

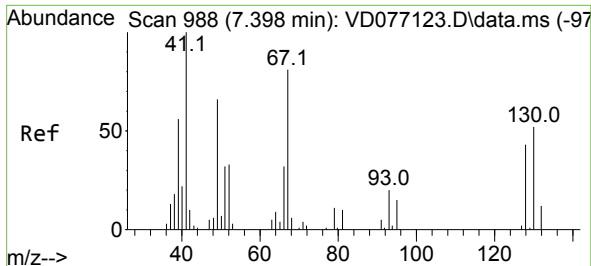
Ion Ratio Lower Upper

117 100

119 5.6 78.0 117.0#

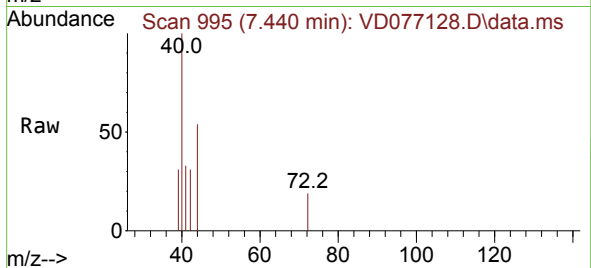
121 0.0 24.2 36.2#



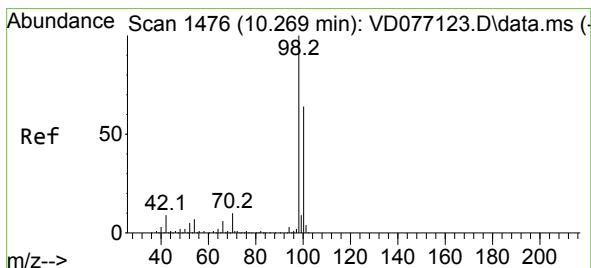
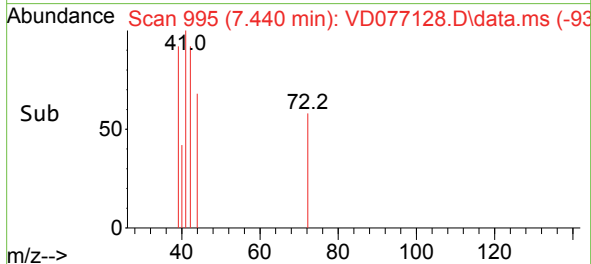
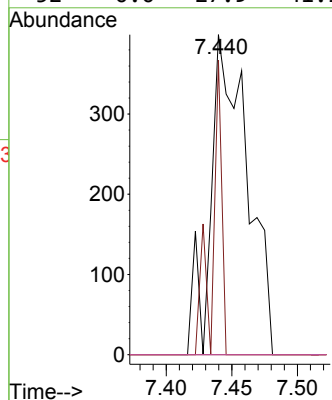


#41
Methacrylonitrile
Concen: 1.058 ug/l
RT: 7.440 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

Instrument :
MSVOA_D
ClientSampleId :

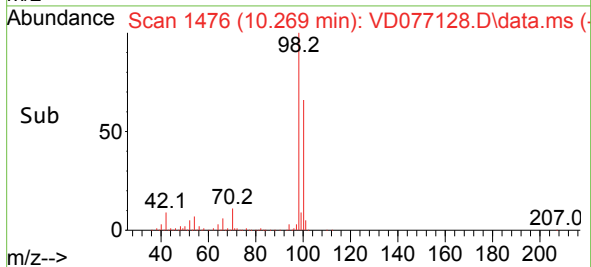
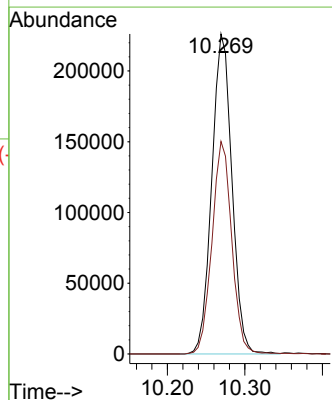
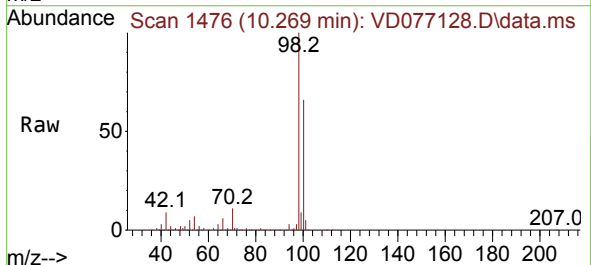


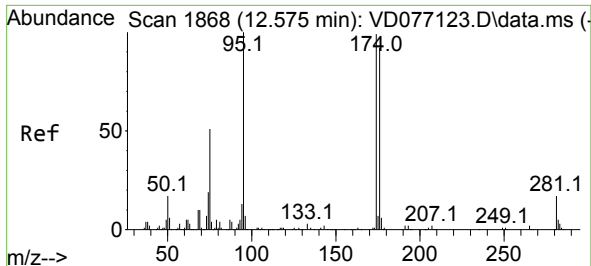
Tgt Ion:	41	Resp:	778
Ion	Ratio	Lower	Upper
41	100		
39	24.0	34.0	51.0#
67	0.0	77.0	115.4#
52	0.0	27.9	41.9#



#50
Toluene-d8
Concen: 48.044 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

Tgt Ion:	98	Resp:	407945
Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.3	75.5

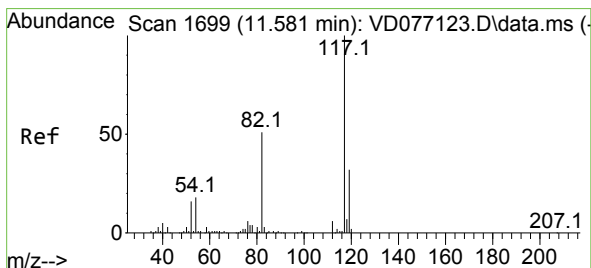
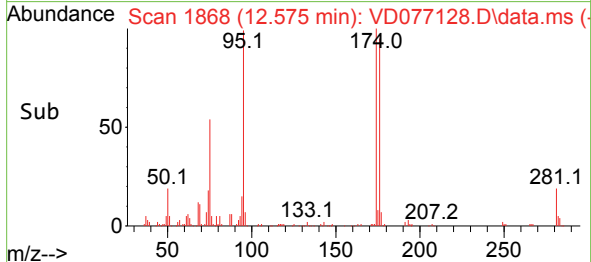
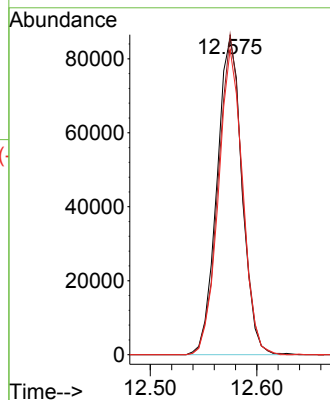
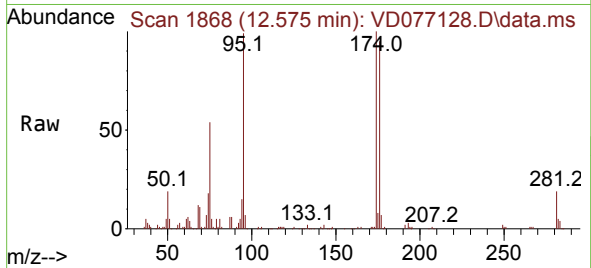




#62
4-Bromofluorobenzene
Concen: 53.149 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

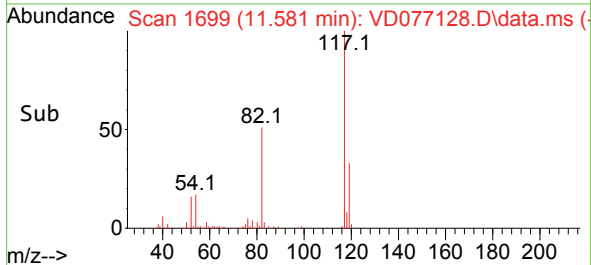
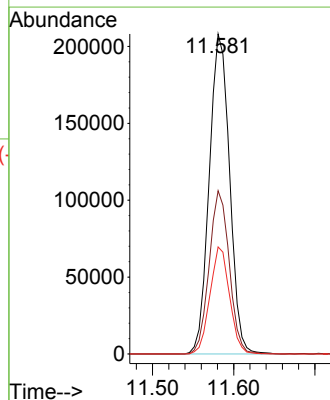
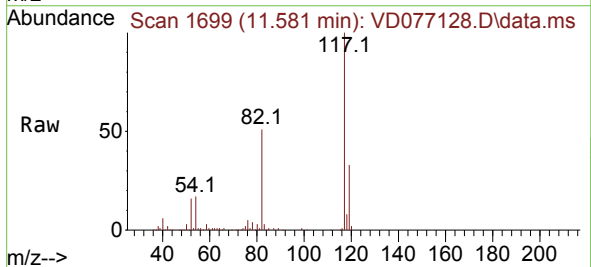
Instrument :
MSVOA_D
ClientSampleId :

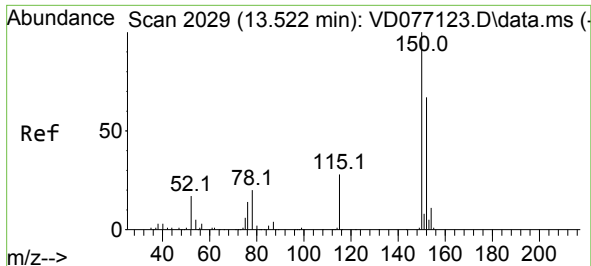
Tgt Ion: 95 Resp: 139875
Ion Ratio Lower Upper
95 100
174 96.5 0.0 201.8
176 93.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077128.D
Acq: 18 Sep 2023 14:32

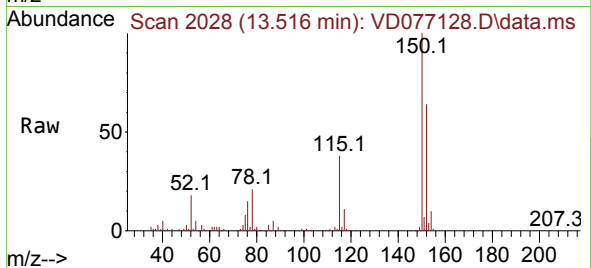
Tgt Ion: 117 Resp: 362479
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 33.5 25.0 37.4



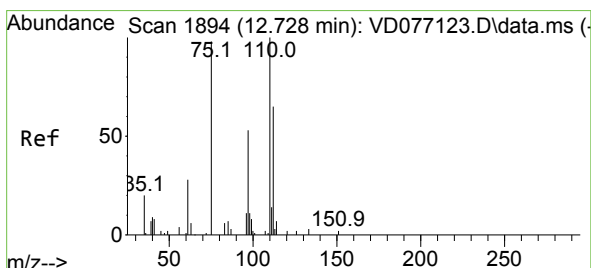
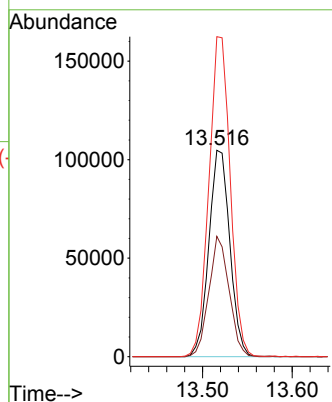
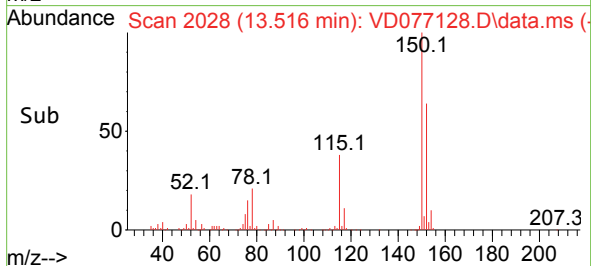


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077128.D
 Acq: 18 Sep 2023 14:32

Instrument :
 MSVOA_D
 ClientSampleId :

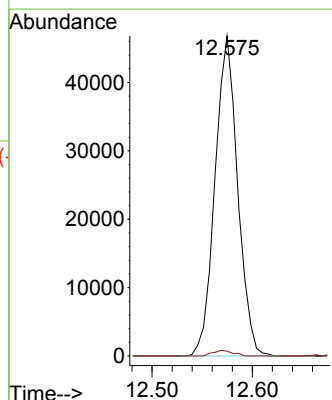
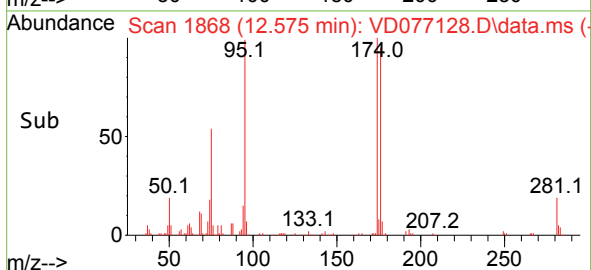
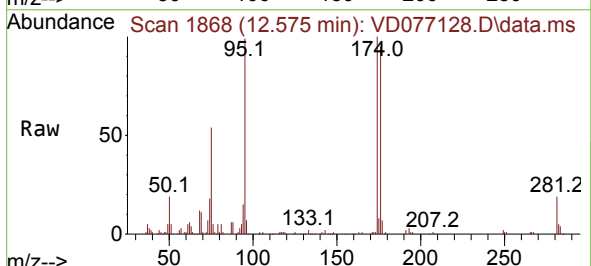


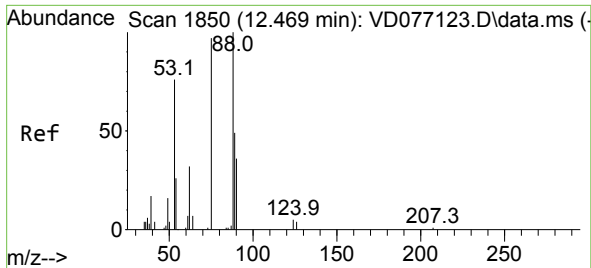
Tgt Ion:152 Resp: 169956
 Ion Ratio Lower Upper
 152 100
 115 56.1 27.1 81.3
 150 157.5 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 54.168 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077128.D
 Acq: 18 Sep 2023 14:32

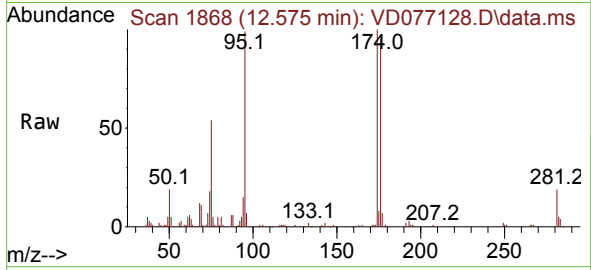
Tgt Ion: 75 Resp: 73435
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.529 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.106 min
 Lab File: VD077128.D
 Acq: 18 Sep 2023 14:32

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	73435
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.1	37.9	56.9#

