

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076228.D
 Acq On : 25 May 2023 12:43
 Operator : KP/SY
 Sample : VD0525SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBL01

Quant Time: May 25 17:11:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

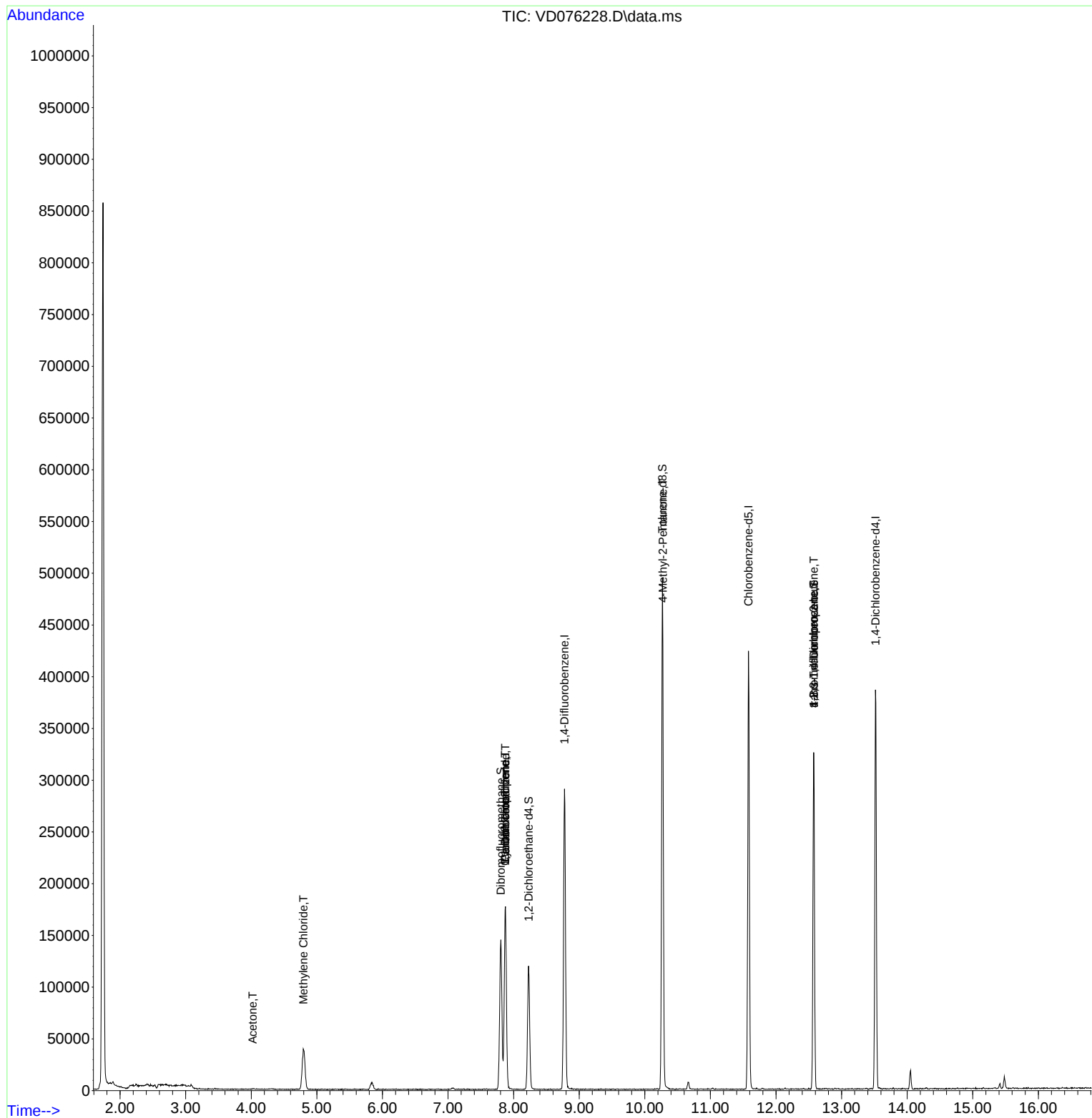
Internal Standards						
1) Pentafluorobenzene	7.875	168	144413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	284429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	261651	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	92593	66.341	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.680%
35) Dibromofluoromethane	7.805	113	107478	54.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.269	98	357889	46.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.400%
62) 4-Bromofluorobenzene	12.575	95	92058	43.241	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.480%
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	511	Below Cal	#	40
16) Acetone	4.022	43	565	2.035	ug/l #	44
20) Methylene Chloride	4.793	84	34186	7.905	ug/l #	73
31) Cyclohexane	7.869	56	3096	1.448	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	11575	4.359	ug/l #	49
38) Carbon Tetrachloride	7.875	117	13004	5.422	ug/l #	18
51) 4-Methyl-2-Pentanone	10.275	43	1173	1.284	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	47021	48.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	47021	101.056	ug/l #	5

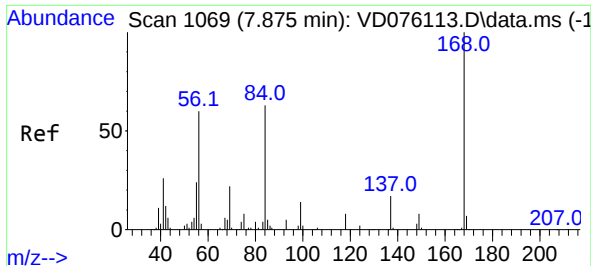
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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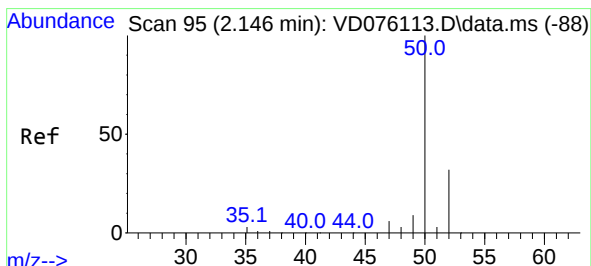
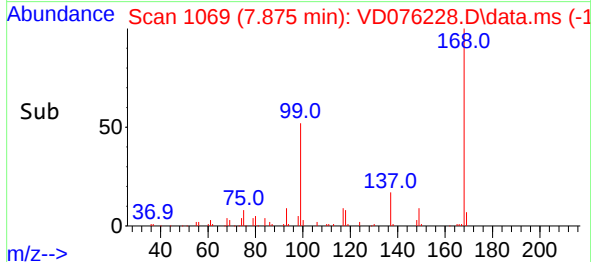
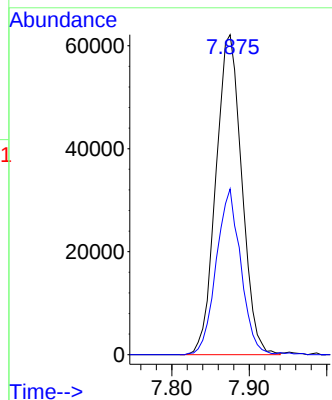
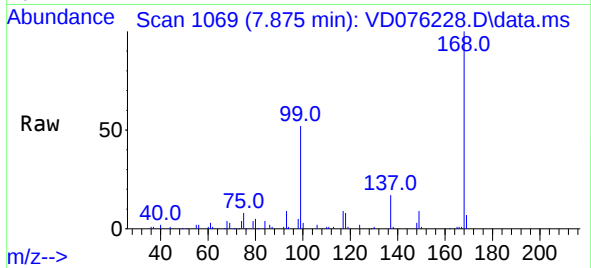




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

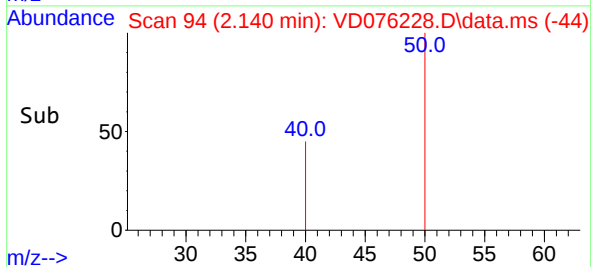
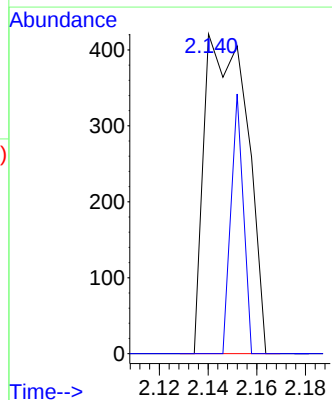
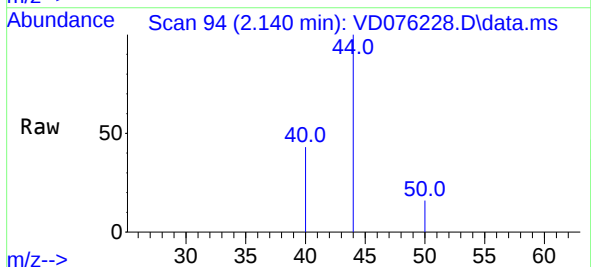
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

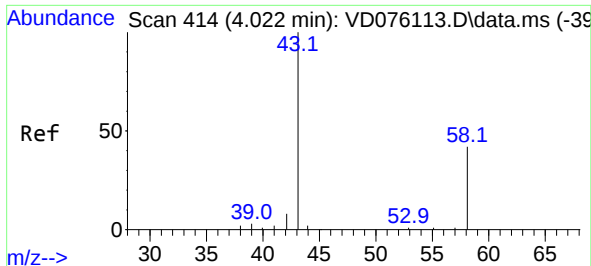
Tgt Ion:168 Resp: 144413
Ion Ratio Lower Upper
168 100
99 51.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

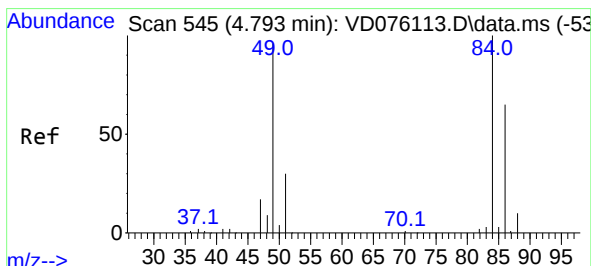
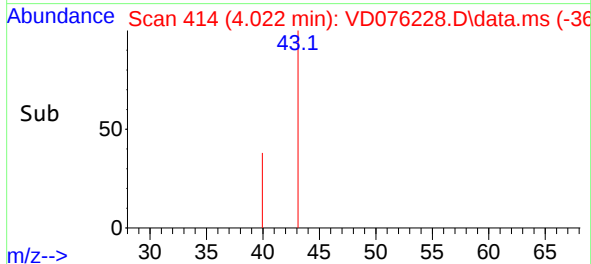
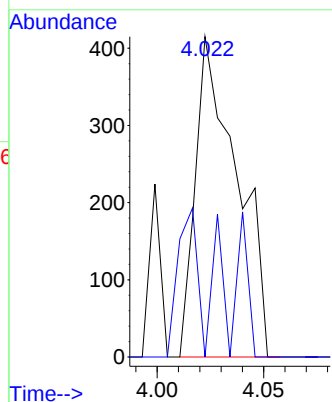
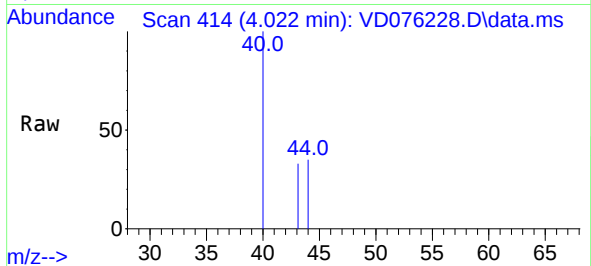




#16
Acetone
Concen: 2.035 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

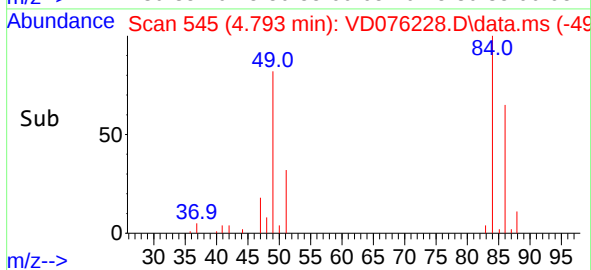
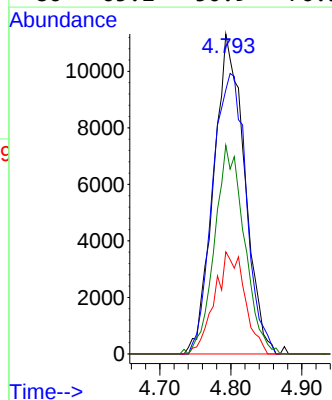
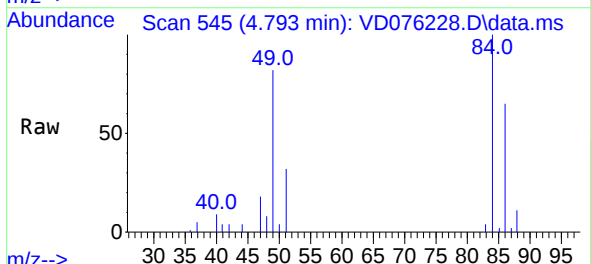
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

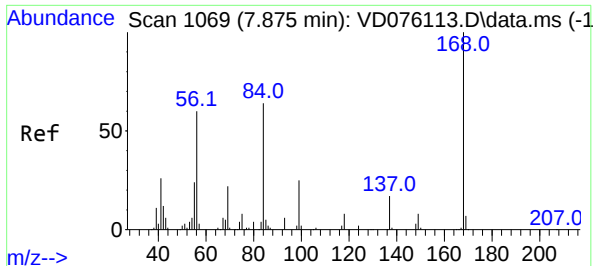
Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#20
Methylene Chloride
Concen: 7.905 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

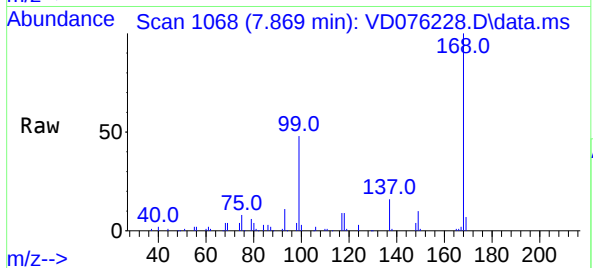
Tgt Ion: 84 Resp: 34186
Ion Ratio Lower Upper
84 100
49 82.5 106.4 159.6#
51 31.9 32.4 48.6#
86 65.2 50.9 76.3



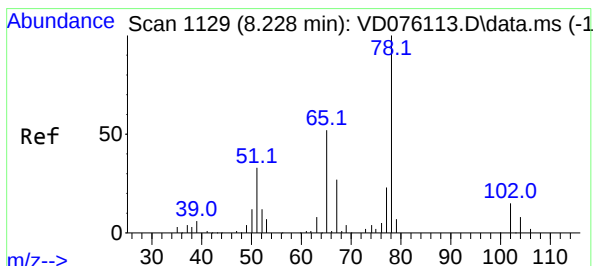
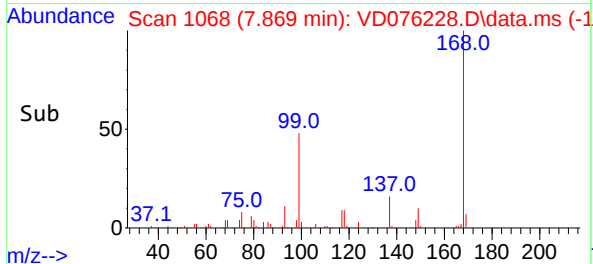
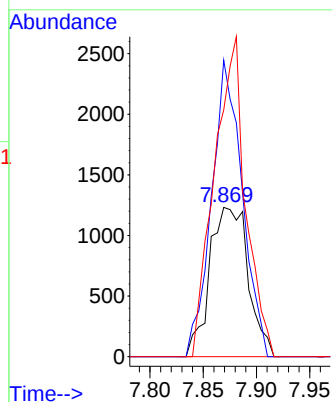


#31
Cyclohexane
Concen: 1.448 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

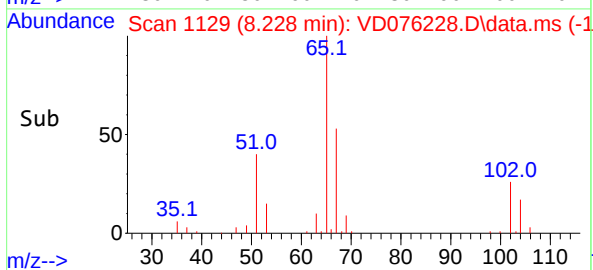
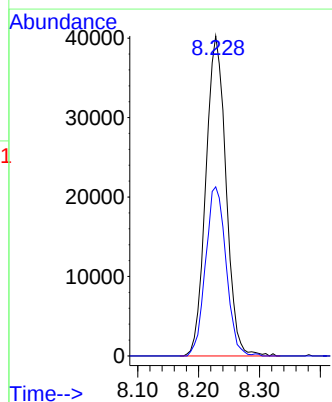
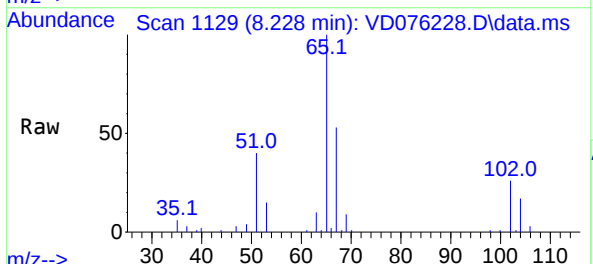


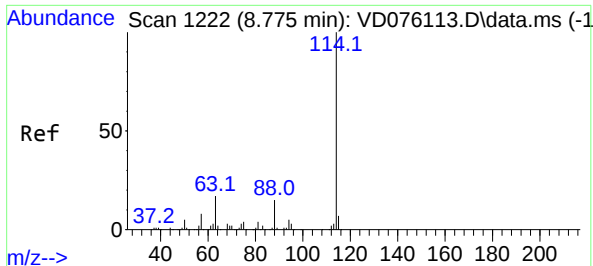
Tgt Ion: 56 Resp: 3096
Ion Ratio Lower Upper
56 100
69 198.5 25.5 38.3#
84 165.2 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 66.341 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Tgt Ion: 65 Resp: 92593
Ion Ratio Lower Upper
65 100
67 53.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076228.D

Acq: 25 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBL01

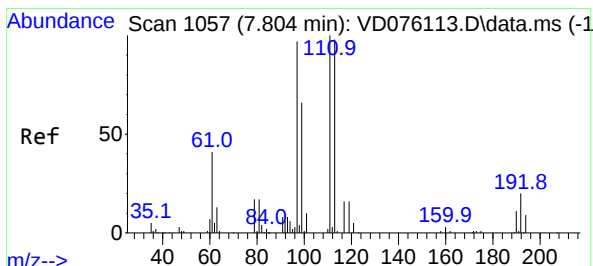
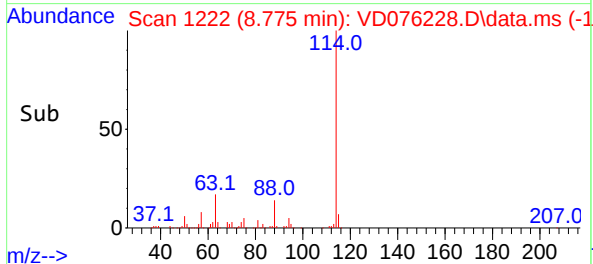
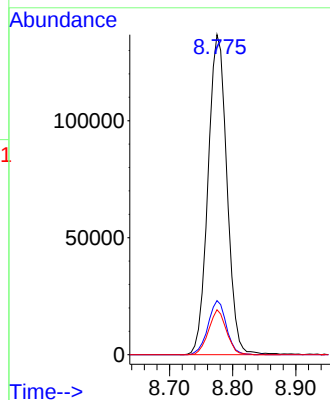
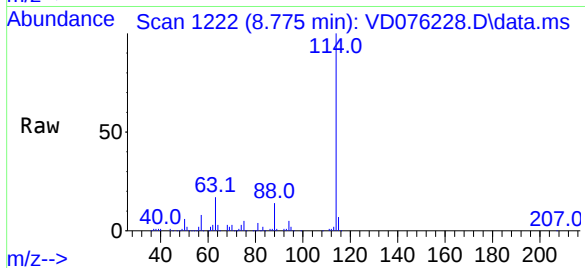
Tgt Ion:114 Resp: 284429

Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.668 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076228.D

Acq: 25 May 2023 12:43

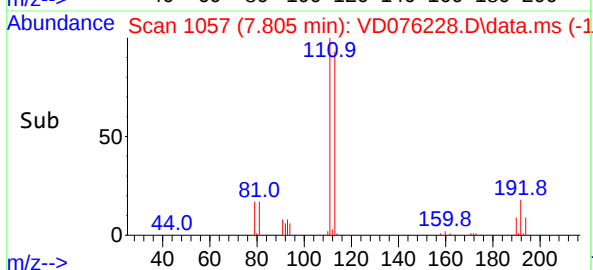
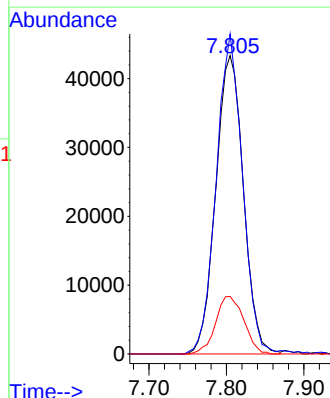
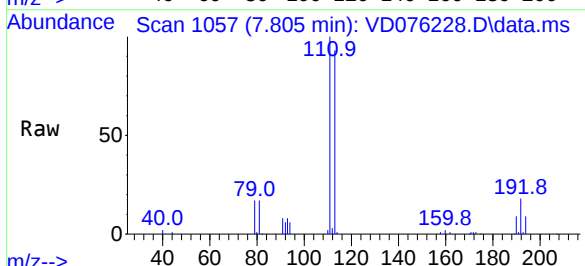
Tgt Ion:113 Resp: 107478

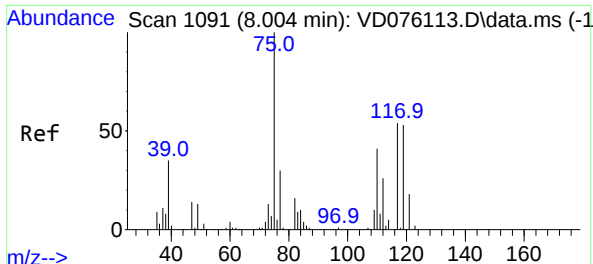
Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.7 15.2 22.8





#36

1,1-Dichloropropene

Concen: 4.359 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076228.D

Acq: 25 May 2023 12:43

Instrument :

MSVOA_D

ClientSampleId :

VD0525SBL01

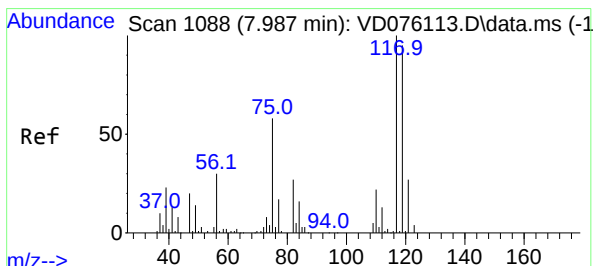
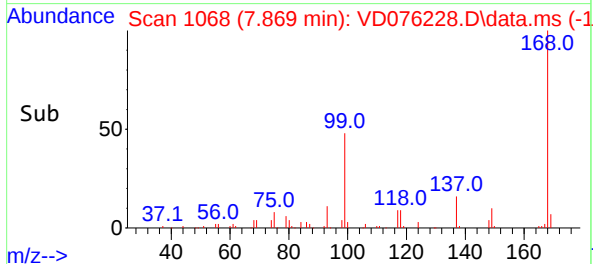
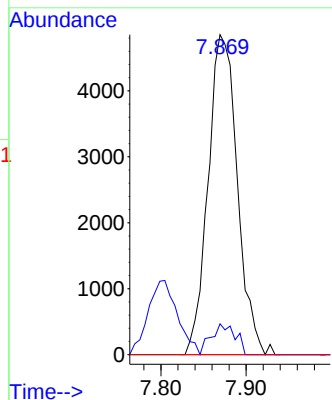
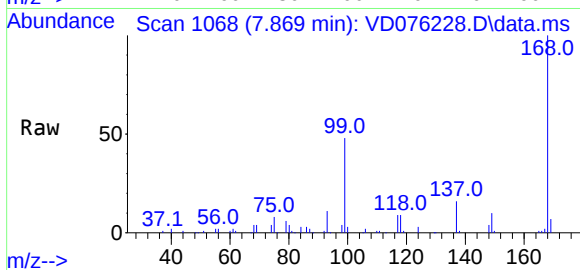
Tgt Ion: 75 Resp: 11575

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 5.422 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076228.D

Acq: 25 May 2023 12:43

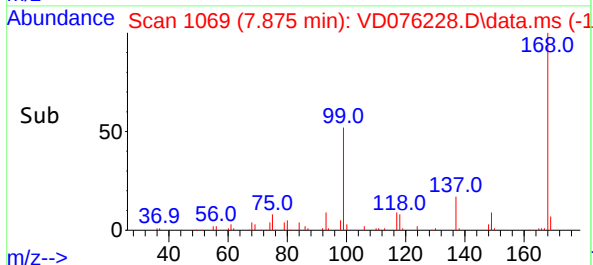
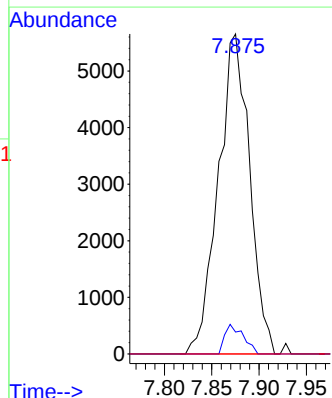
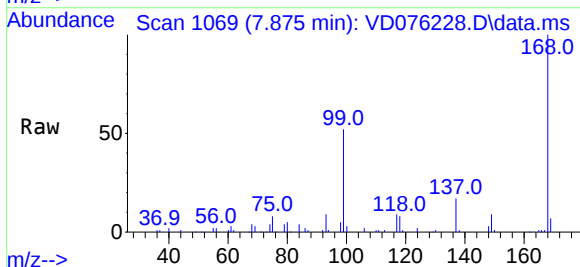
Tgt Ion: 117 Resp: 13004

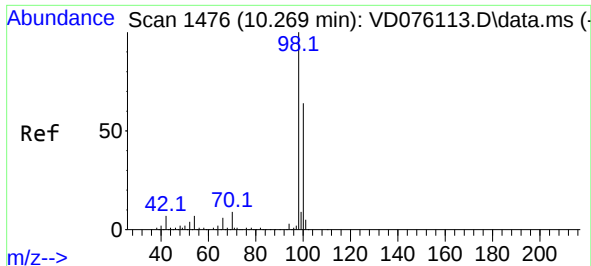
Ion Ratio Lower Upper

117 100

119 6.8 74.7 112.1#

121 0.0 25.9 38.9#

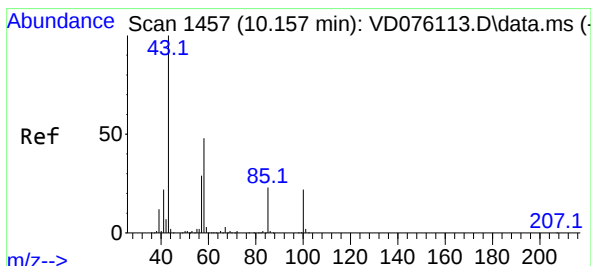
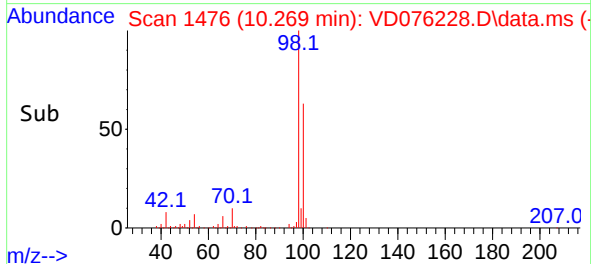
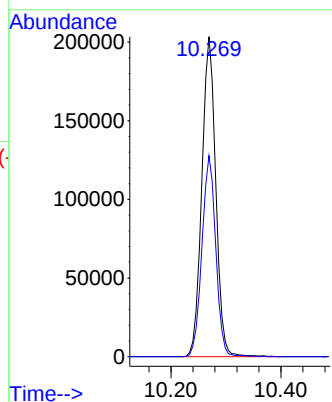
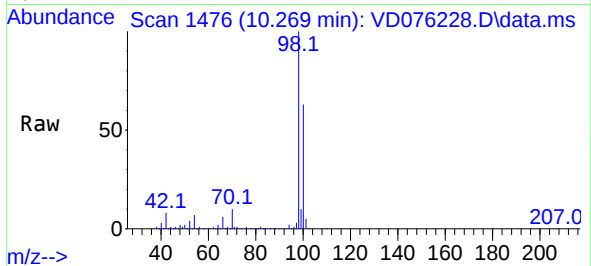




#50
Toluene-d8
Concen: 46.697 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

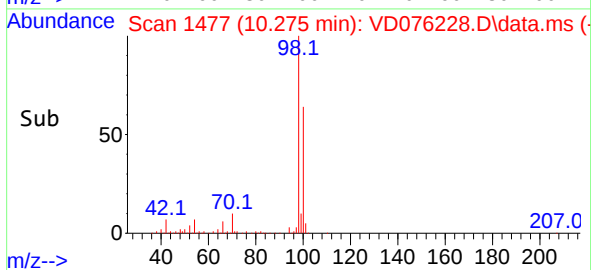
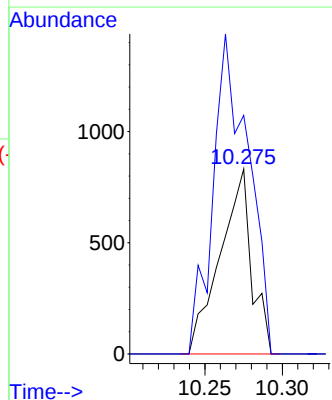
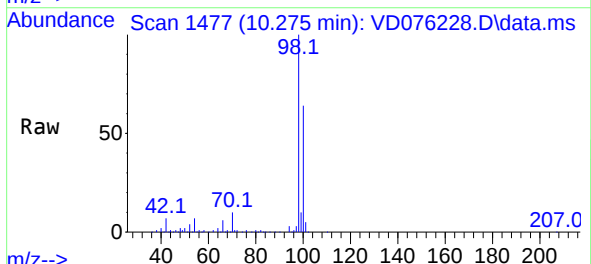
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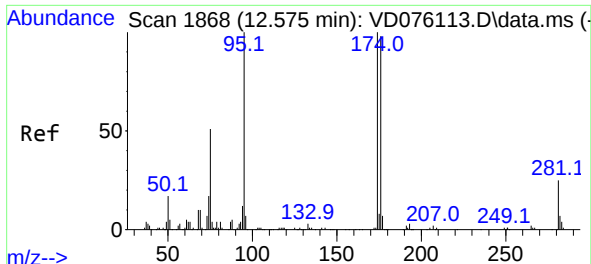
Tgt Ion: 98 Resp: 357889
Ion Ratio Lower Upper
98 100
100 62.4 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.284 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Tgt Ion: 43 Resp: 1173
Ion Ratio Lower Upper
43 100
58 194.7 29.5 44.3#

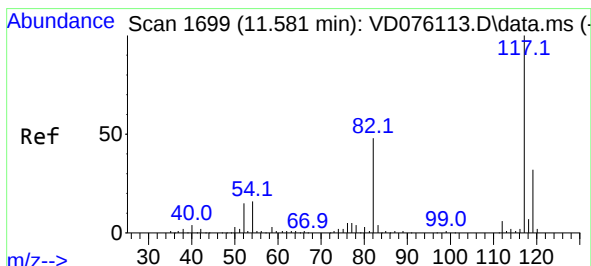
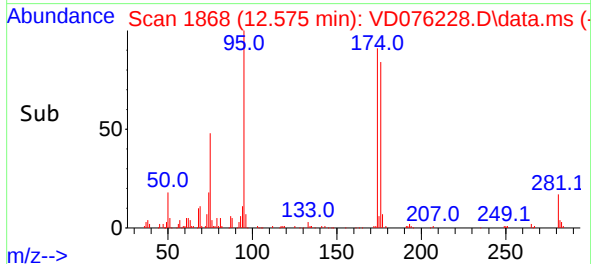
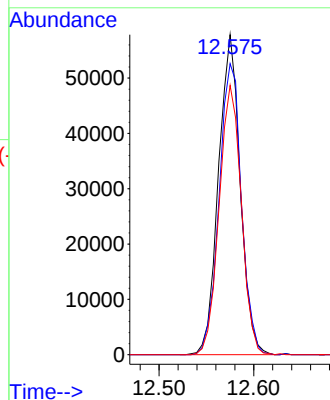
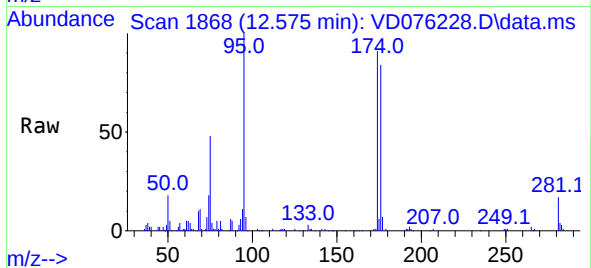




#62
4-Bromofluorobenzene
Concen: 43.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

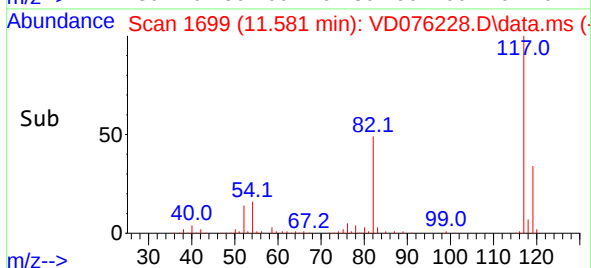
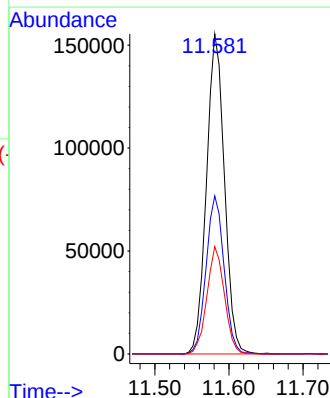
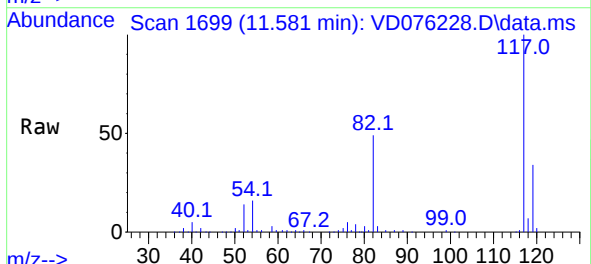
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

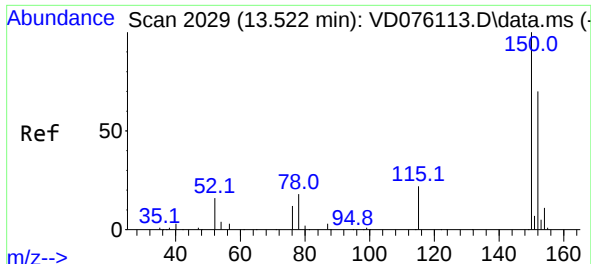
Tgt Ion:	95	Resp:	92058
Ion	Ratio	Lower	Upper
95	100		
174	93.7	0.0	164.0
176	86.0	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

Tgt Ion:	117	Resp:	261651
Ion	Ratio	Lower	Upper
117	100		
82	49.4	44.0	66.0
119	33.6	25.1	37.7

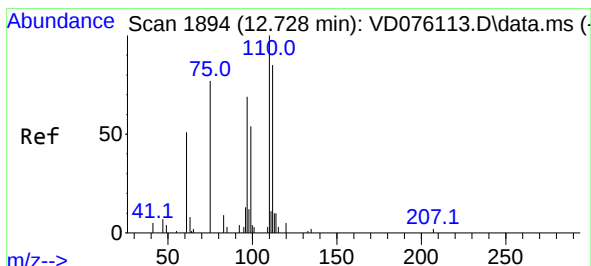
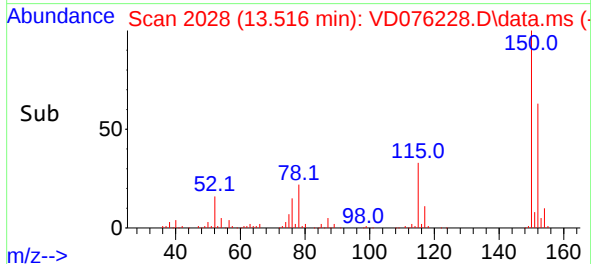
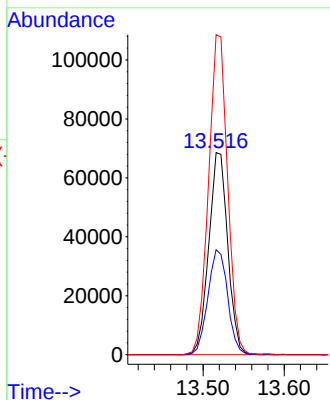
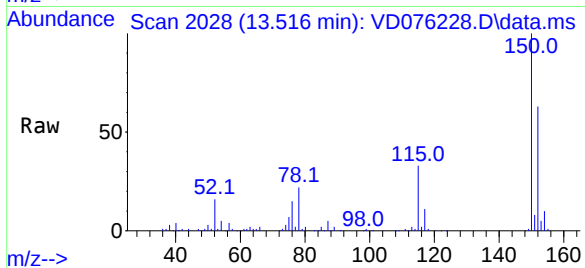




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

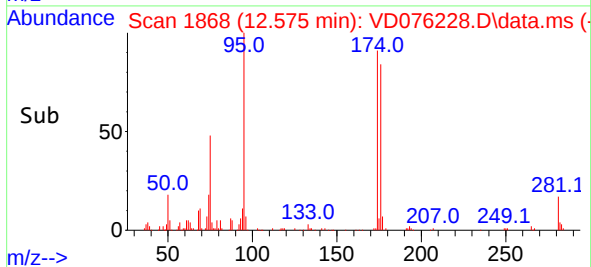
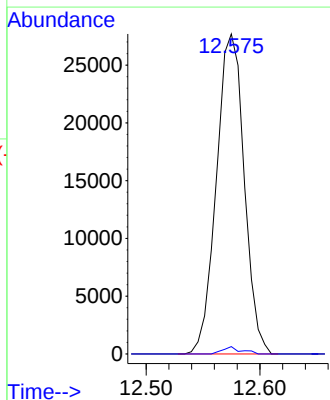
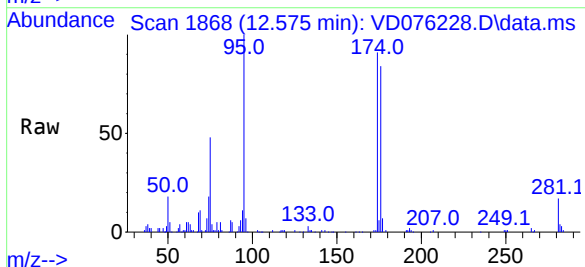
Instrument :
MSVOA_D
ClientSampleId :
VD0525SBL01

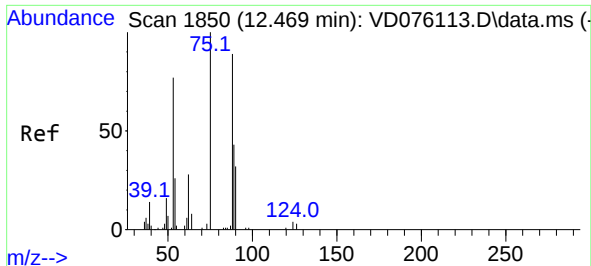
Tgt Ion:152 Resp: 111545
Ion Ratio Lower Upper
152 100
115 53.8 30.1 90.3
150 158.4 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 48.172 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076228.D
Acq: 25 May 2023 12:43

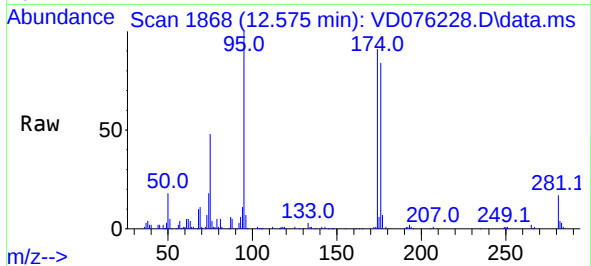
Tgt Ion: 75 Resp: 47021
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.056 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076228.D
 Acq: 25 May 2023 12:43

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0525SBL01



Tgt Ion:	75	Resp:	47021
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.3	40.2	60.4#

