

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072913.D
 Acq On : 10 May 2022 14:37
 Operator : VA/SY
 Sample : N2739-07
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124042

Quant Time: May 11 05:51:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

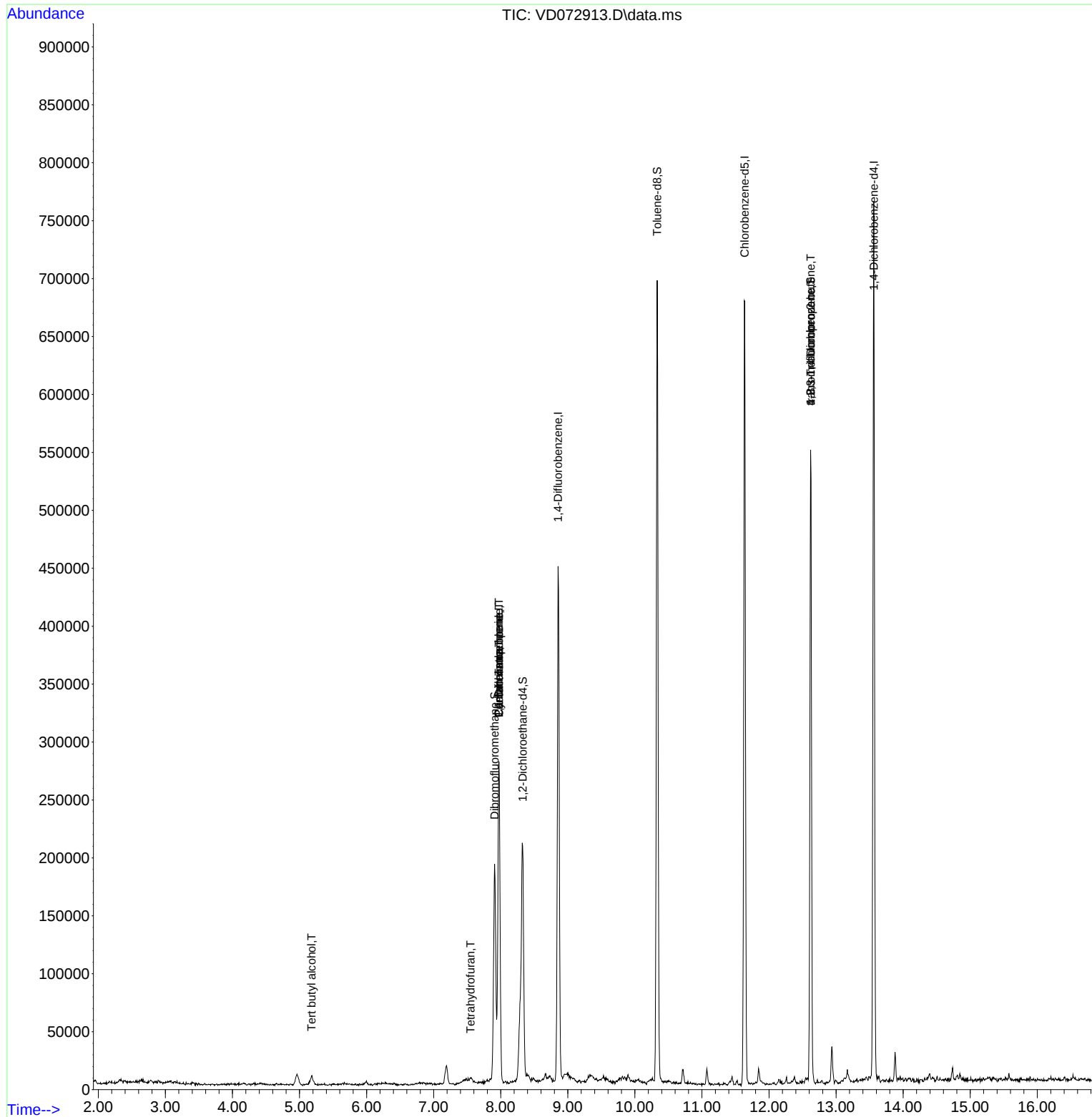
Internal Standards						
1) Pentafluorobenzene	7.973	168	197837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	366234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	388154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	158944	61.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.780%	
35) Dibromofluoromethane	7.909	113	133372	51.853	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.700%	
50) Toluene-d8	10.332	98	455293	49.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.700%	
62) 4-Bromofluorobenzene	12.620	95	186428	54.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	915	Below Cal	#	50
11) Tert butyl alcohol	5.179	59	6303	28.367	ug/l #	74
16) Acetone	4.168	43	2724	Below Cal	#	77
18) Methyl Acetate	4.779	43	56	Below Cal	#	55
20) Methylene Chloride	4.962	84	6683	Below Cal		96
29) Tetrahydrofuran	7.550	42	1132	2.373	ug/l #	78
31) Cyclohexane	7.973	56	5403	1.204	ug/l #	22
36) 1,1-Dichloropropene	7.973	75	16997	4.064	ug/l #	51
38) Carbon Tetrachloride	7.973	117	21780	5.017	ug/l #	20
76) 1,2,3-Trichloropropane	12.620	75	96214	46.666	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	96214	107.313	ug/l #	7

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

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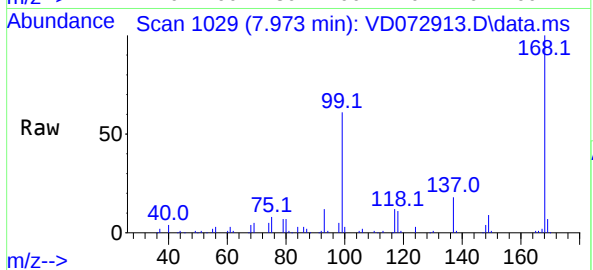
Quant Time: May 11 05:51:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
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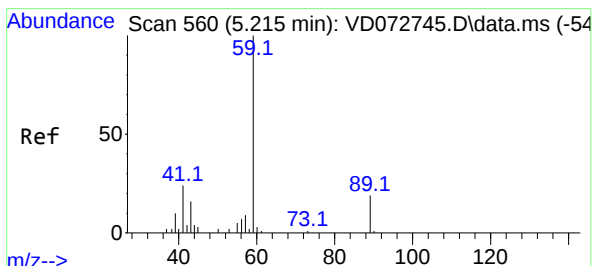
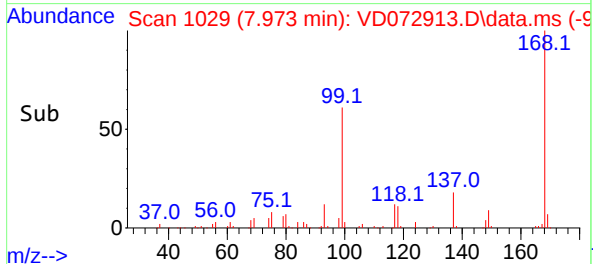
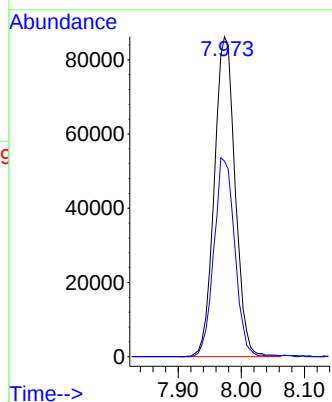


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Instrument :
MSVOA_D
ClientSampleId :
124042

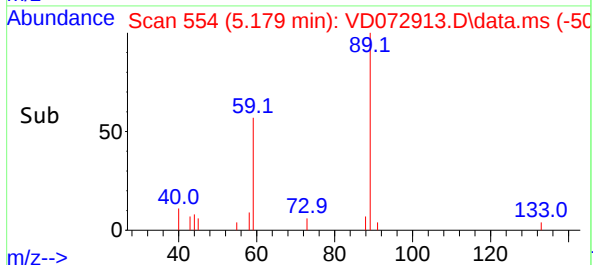
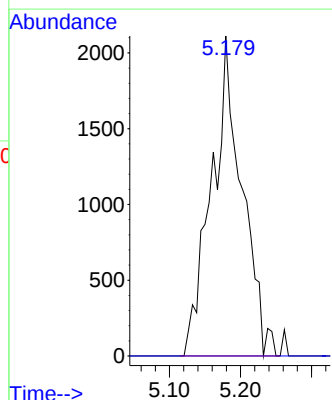
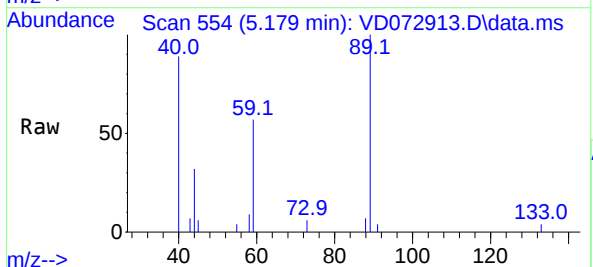


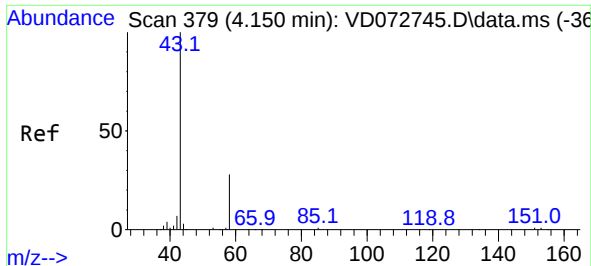
Tgt Ion:168 Resp: 197837
Ion Ratio Lower Upper
168 100
99 61.1 49.8 74.6



#11
Tert butyl alcohol
Concen: 28.367 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Tgt Ion: 59 Resp: 6303
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

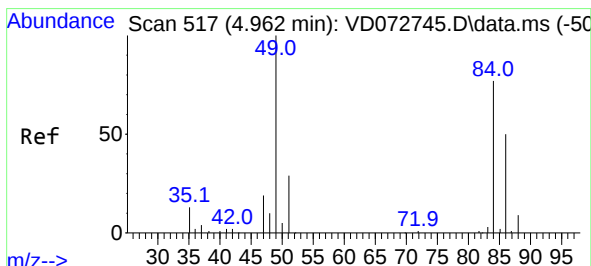
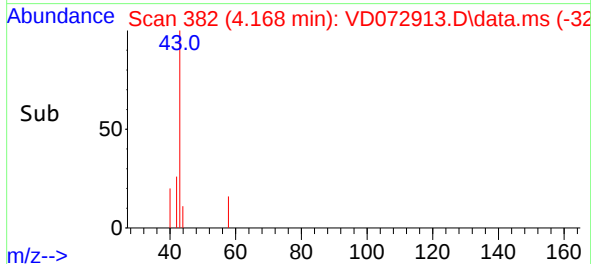
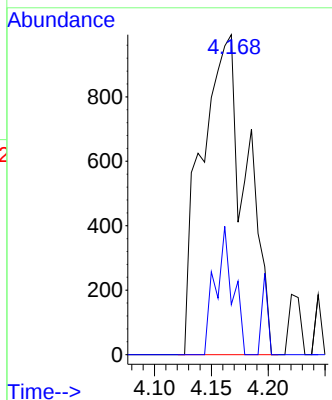
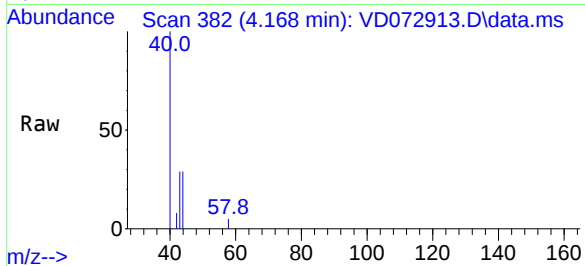




#16
Acetone
Concen: Below Cal
RT: 4.168 min Scan# 382
Delta R.T. 0.018 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

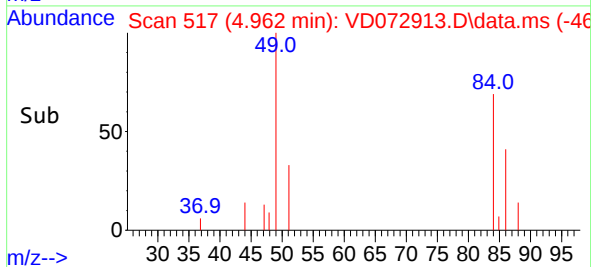
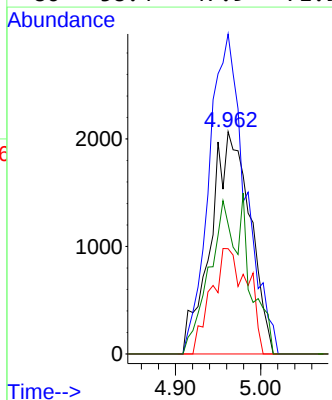
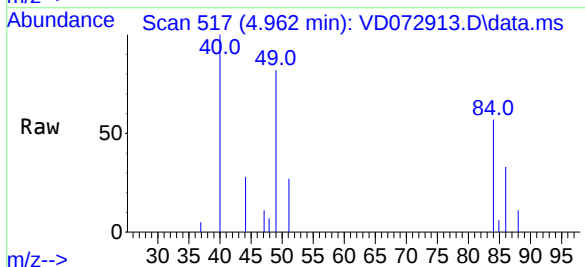
Instrument :
MSVOA_D
ClientSampleId :
124042

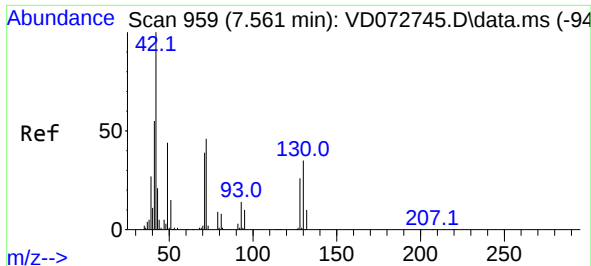
Tgt Ion: 43 Resp: 2724
Ion Ratio Lower Upper
43 100
58 15.6 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Tgt Ion: 84 Resp: 6683
Ion Ratio Lower Upper
84 100
49 144.0 112.8 169.2
51 47.4 32.6 48.8
86 58.4 47.9 71.9





#29

Tetrahydrofuran

Concen: 2.373 ug/l

RT: 7.550 min Scan# 91

Delta R.T. -0.011 min

Lab File: VD072913.D

Acq: 10 May 2022 14:37

Instrument :

MSVOA_D

ClientSampleId :

124042

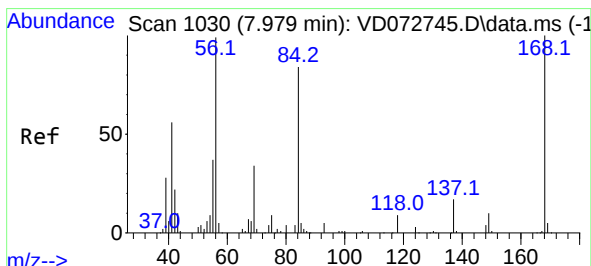
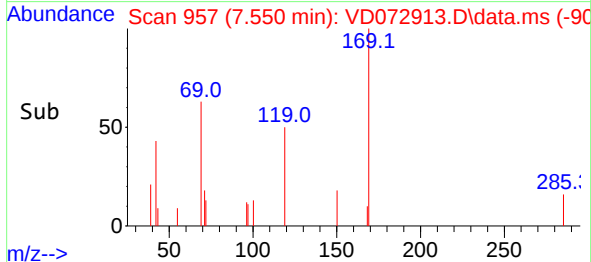
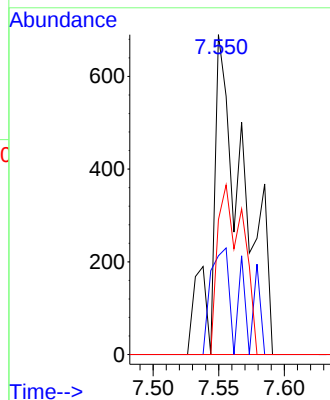
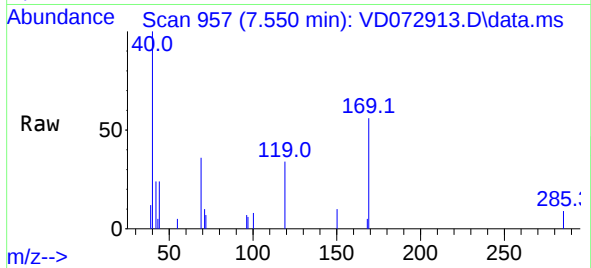
Tgt Ion: 42 Resp: 1132

Ion Ratio Lower Upper

42 100

72 19.4 30.7 46.1#

71 43.4 28.6 43.0#



#31

Cyclohexane

Concen: 1.204 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072913.D

Acq: 10 May 2022 14:37

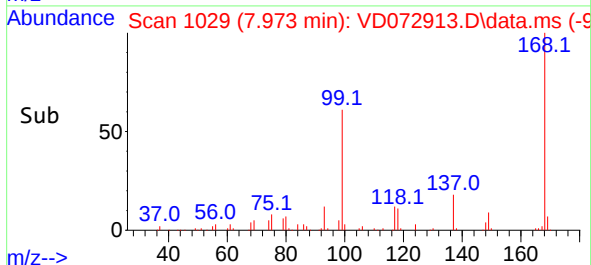
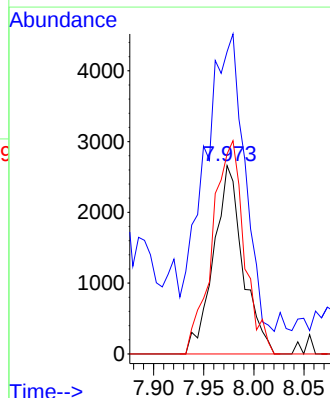
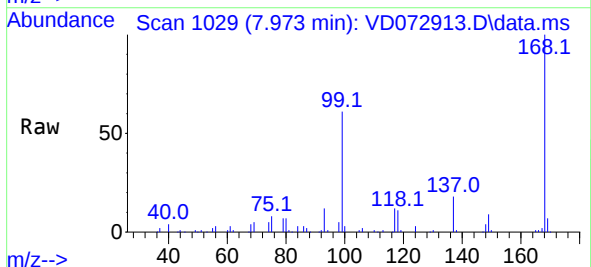
Tgt Ion: 56 Resp: 5403

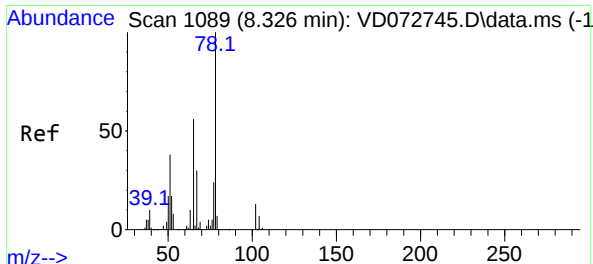
Ion Ratio Lower Upper

56 100

69 138.5 25.4 38.2#

84 106.2 63.0 94.4#

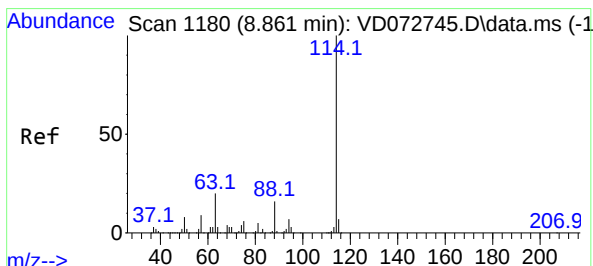
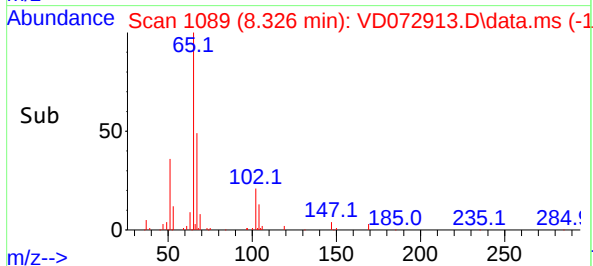
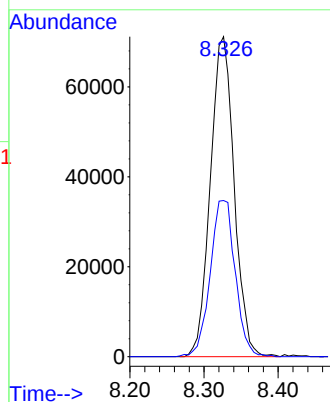
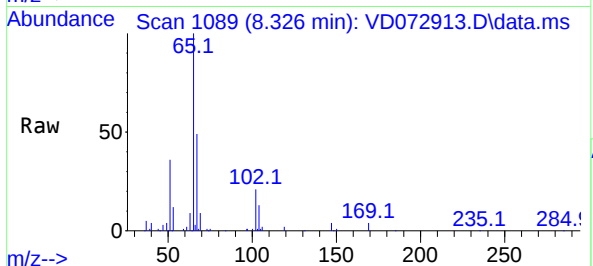




#33
1,2-Dichloroethane-d4
Concen: 61.892 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

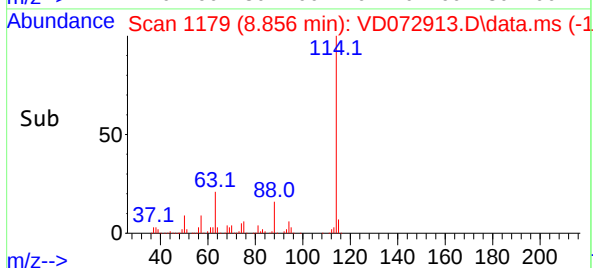
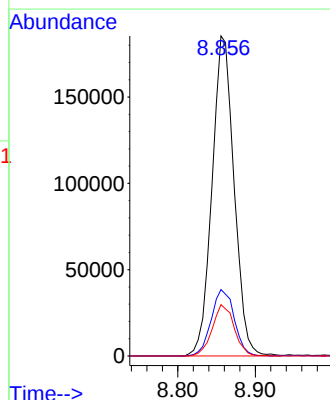
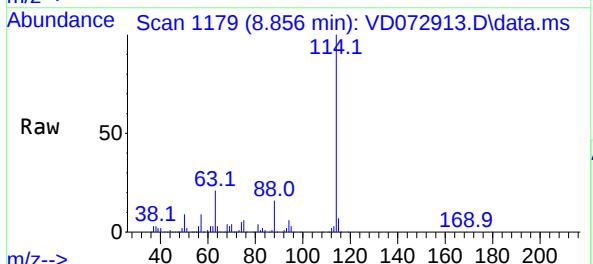
Instrument :
MSVOA_D
ClientSampleId :
124042

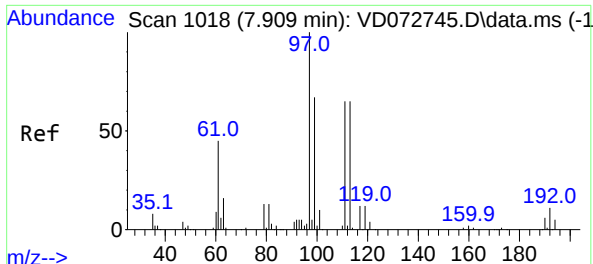
Tgt Ion: 65 Resp: 158944
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

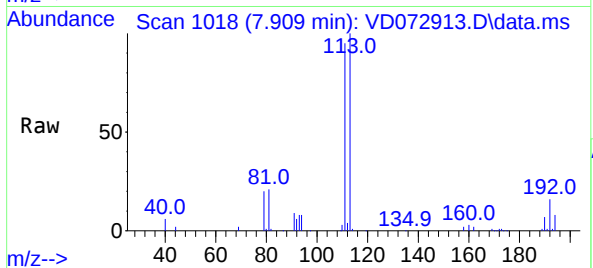
Tgt Ion: 114 Resp: 366234
Ion Ratio Lower Upper
114 100
63 20.7 0.0 46.6
88 16.1 0.0 33.2



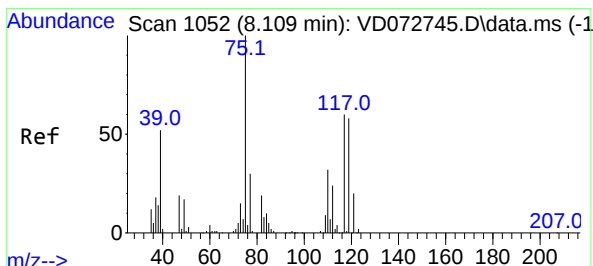
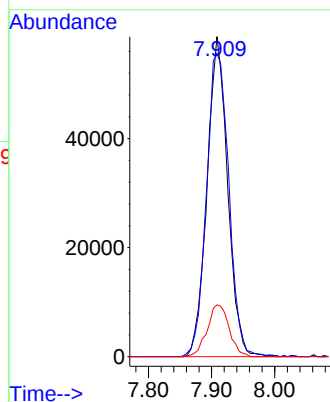
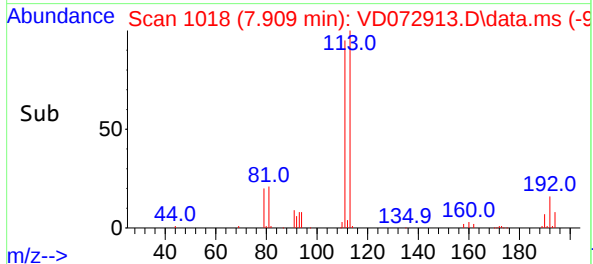


#35
Dibromofluoromethane
Concen: 51.853 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

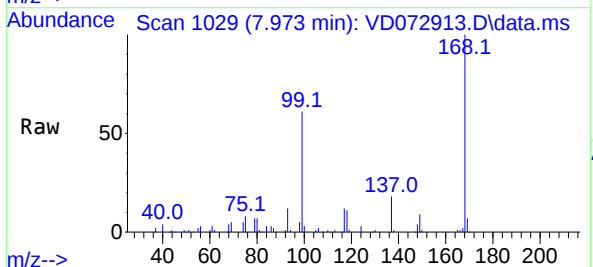
Instrument :
MSVOA_D
ClientSampleId :
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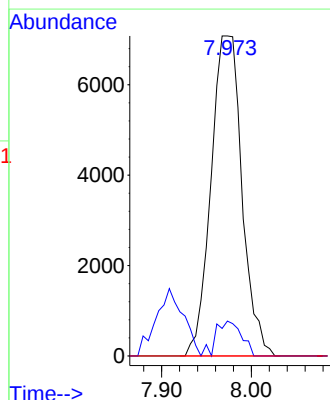
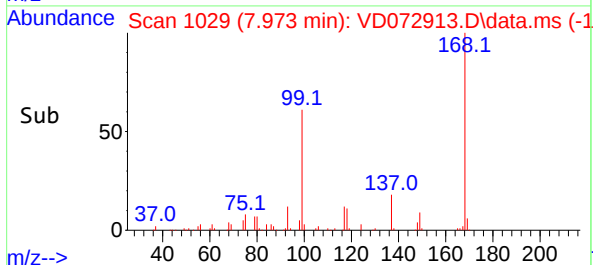
Tgt Ion:113 Resp: 133372
Ion Ratio Lower Upper
113 100
111 102.8 83.8 125.6
192 17.3 14.6 21.8

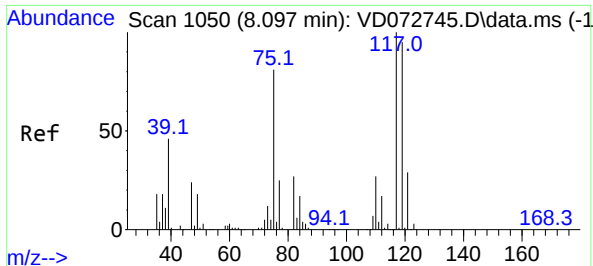


#36
1,1-Dichloropropene
Concen: 4.064 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.136 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37



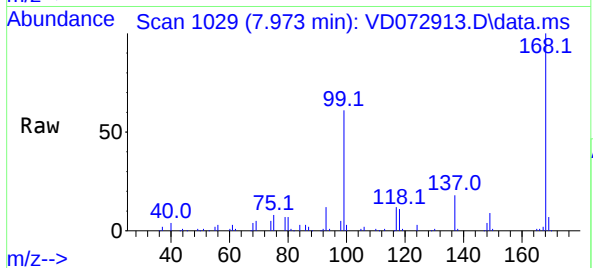
Tgt Ion: 75 Resp: 16997
Ion Ratio Lower Upper
75 100
110 9.0 16.4 49.1#
77 0.0 24.2 36.2#



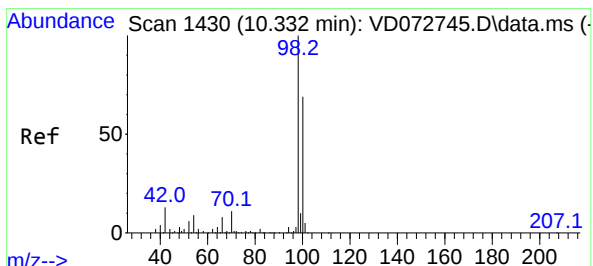
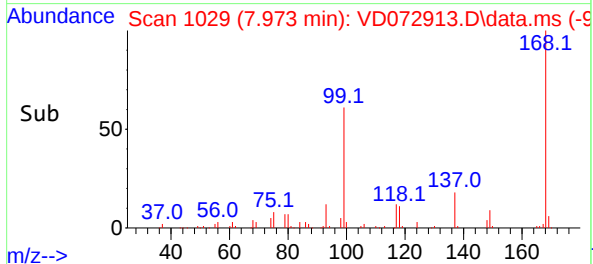
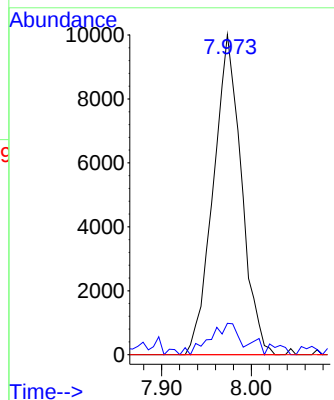


#38
Carbon Tetrachloride
Concen: 5.017 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Instrument :
MSVOA_D
ClientSampleId :
124042

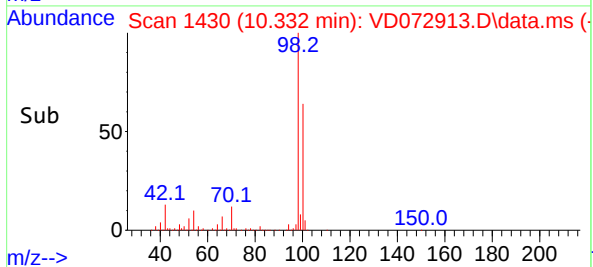
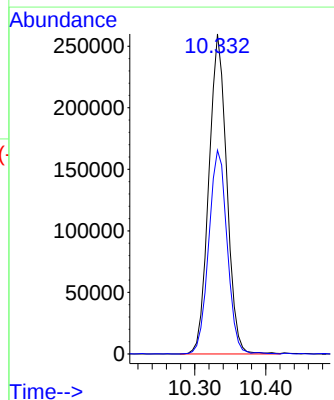
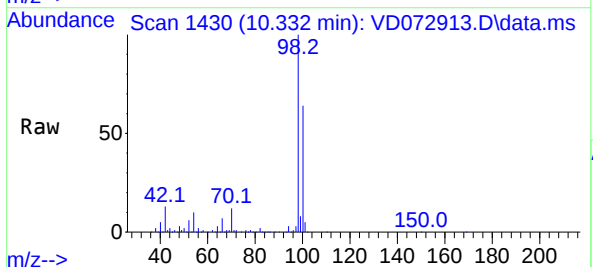


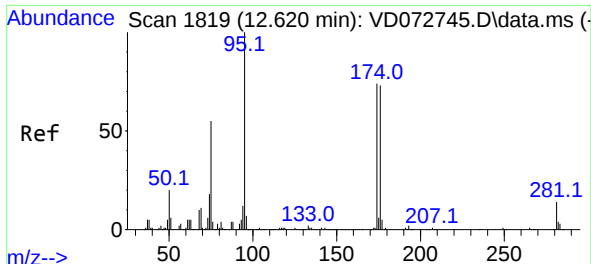
Tgt Ion:117 Resp: 21780
Ion Ratio Lower Upper
117 100
119 9.8 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.347 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Tgt Ion: 98 Resp: 455293
Ion Ratio Lower Upper
98 100
100 65.5 52.4 78.6

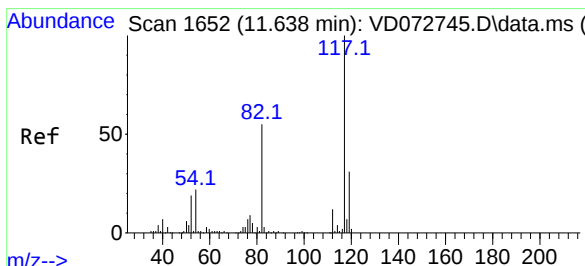
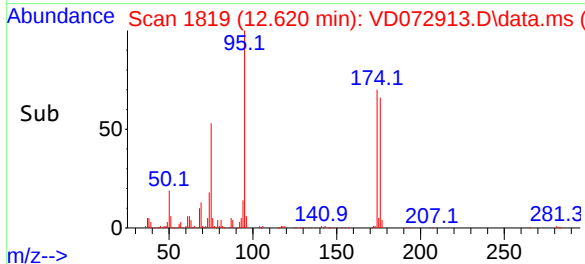
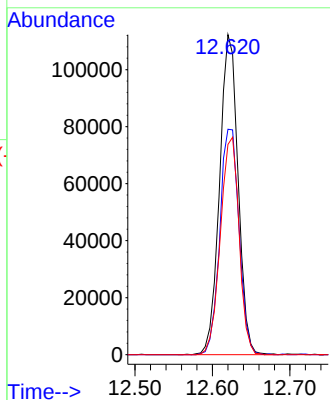
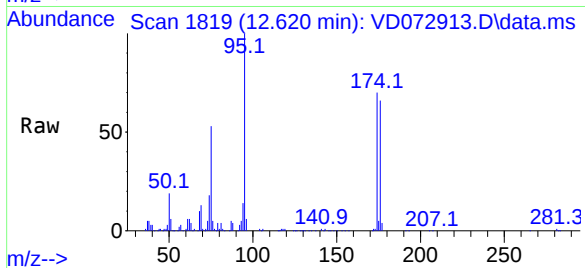




#62
4-Bromofluorobenzene
Concen: 54.190 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

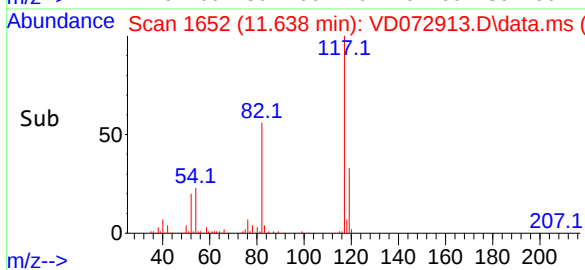
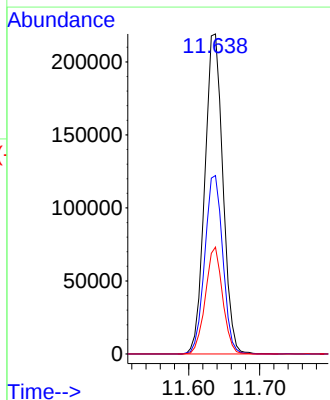
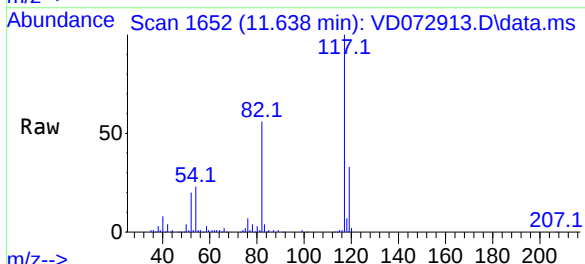
Instrument :
MSVOA_D
ClientSampleId :
124042

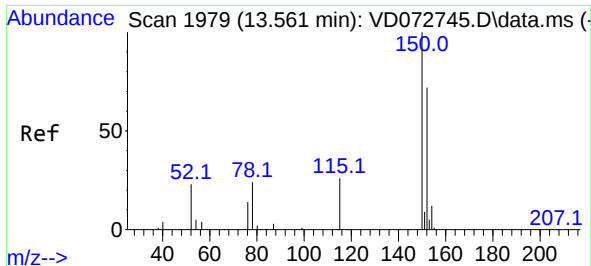
Tgt Ion: 95 Resp: 186428
Ion Ratio Lower Upper
95 100
174 73.3 0.0 152.8
176 68.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

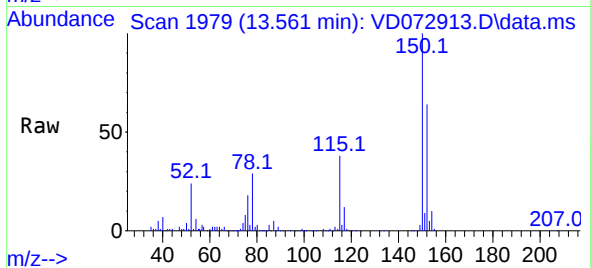
Tgt Ion: 117 Resp: 388154
Ion Ratio Lower Upper
117 100
82 55.7 45.3 67.9
119 33.4 26.6 40.0



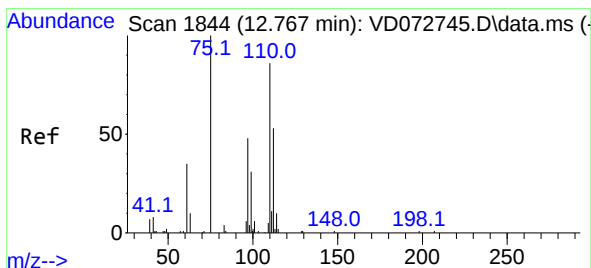
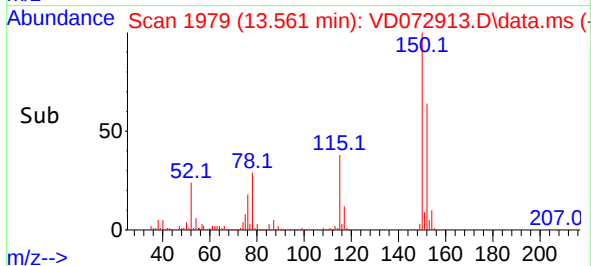
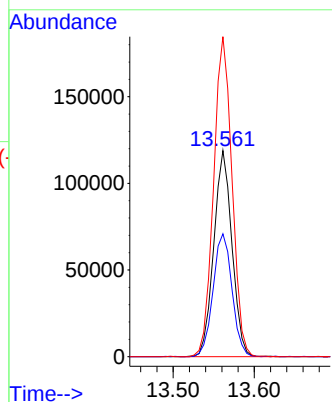


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

Instrument :
MSVOA_D
ClientSampleId :
124042

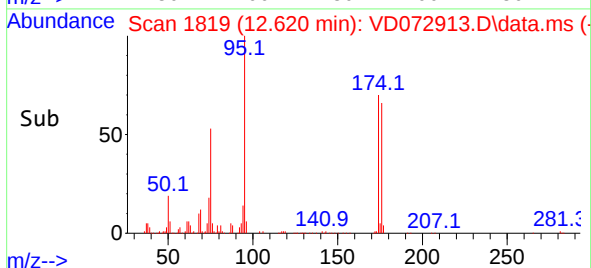
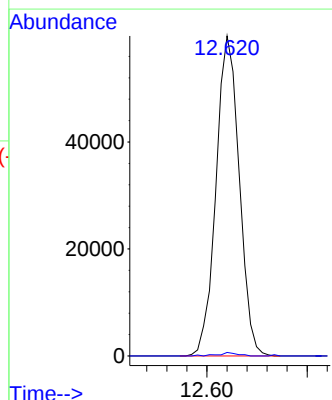
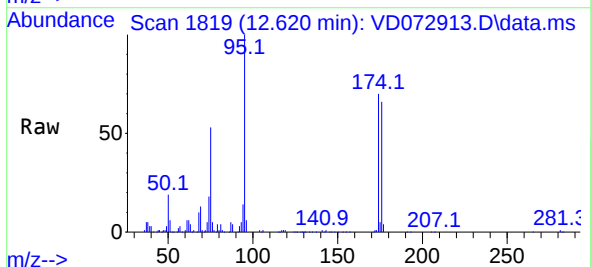


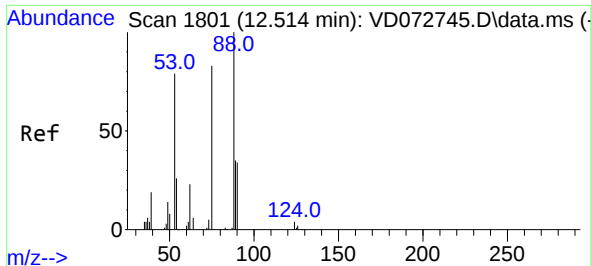
Tgt Ion:152 Resp: 184900
Ion Ratio Lower Upper
152 100
115 62.1 31.3 93.8
150 157.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.666 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072913.D
Acq: 10 May 2022 14:37

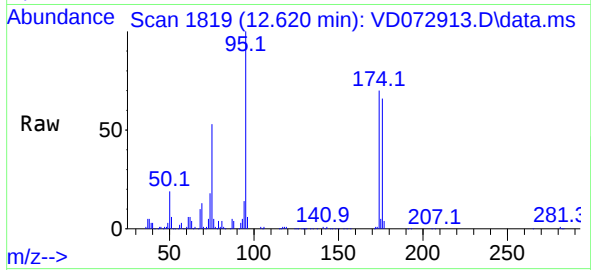
Tgt Ion: 75 Resp: 96214
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.313 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD072913.D
 Acq: 10 May 2022 14:37

Instrument :
 MSVOA_D
 ClientSampleId :
 124042



Tgt Ion: 75 Resp: 96214

Ion	Ratio	Lower	Upper
75	100		
53	0.3	86.5	129.7#
89	0.0	33.9	50.9#

