

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050622\
 Data File : VD072853.D
 Acq On : 06 May 2022 16:00
 Operator : VA/SY
 Sample : N2665-07RE
 Misc : 5.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4,16

Quant Time: May 07 00:05:00 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)

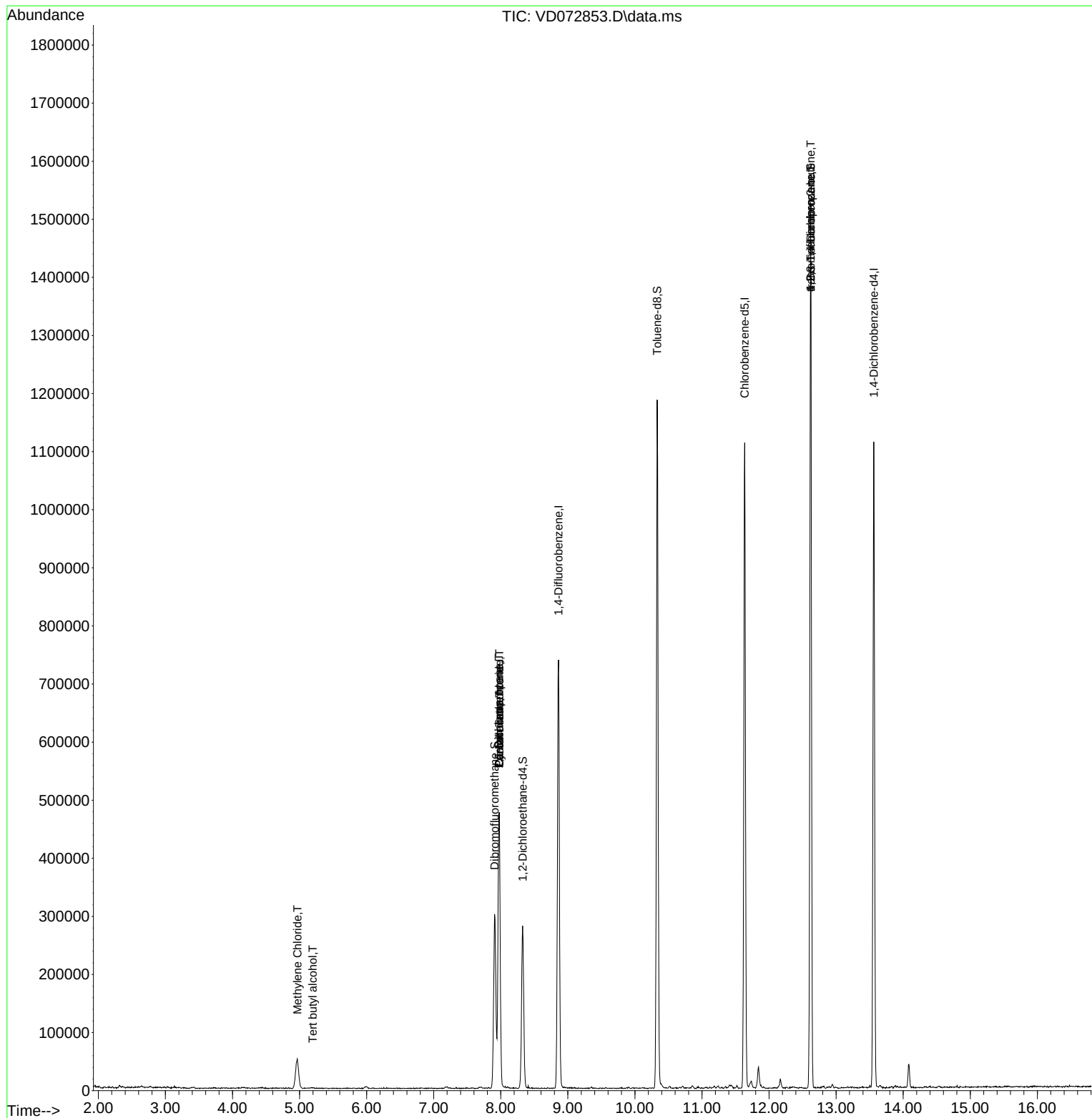
Internal Standards						
1) Pentafluorobenzene	7.979	168	343359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	628672	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	628642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	287255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	223681	50.186	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.380%		
35) Dibromofluoromethane	7.908	113	212912	48.222	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 96.440%		
50) Toluene-d8	10.332	98	767235	48.443	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 96.880%		
62) 4-Bromofluorobenzene	12.620	95	307733	52.109	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 104.220%		
Target Compounds						
						Qvalue
5) Bromomethane	2.773	94	1297	Below Cal	#	61
11) Tert butyl alcohol	5.197	59	1550	4.019	ug/l #	74
16) Acetone	4.156	43	3228	Below Cal	#	46
18) Methyl Acetate	4.573	43	84	Below Cal	#	55
20) Methylene Chloride	4.967	84	38839	1.135	ug/l	87
31) Cyclohexane	7.979	56	9438	1.211	ug/l #	24
36) 1,1-Dichloropropene	7.973	75	30821	4.293	ug/l #	52
38) Carbon Tetrachloride	7.979	117	37736	5.064	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	165621	51.707	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	165621	118.905	ug/l #	7

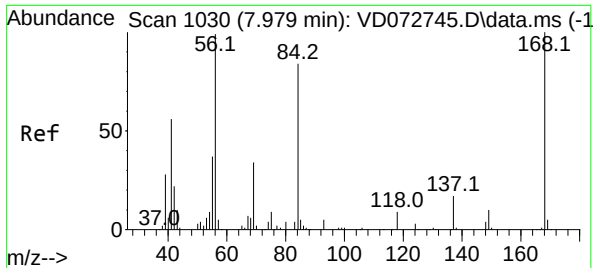
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

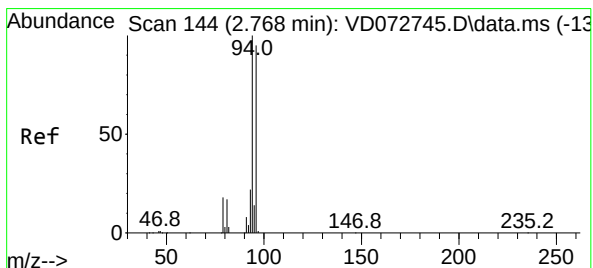
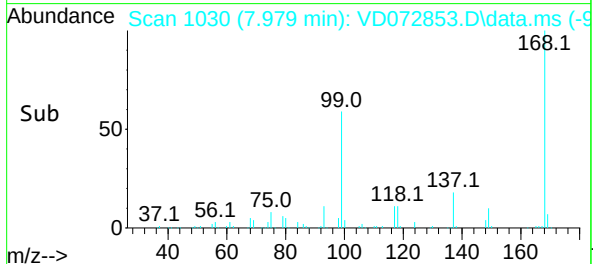
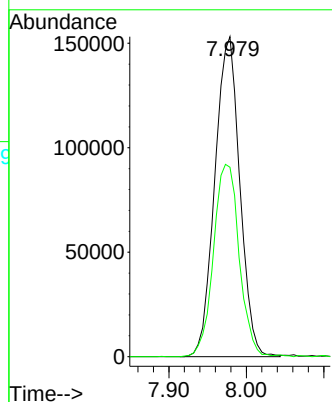
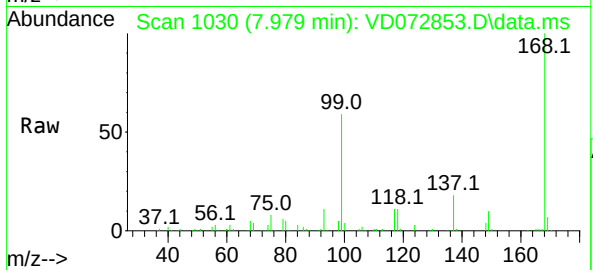




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

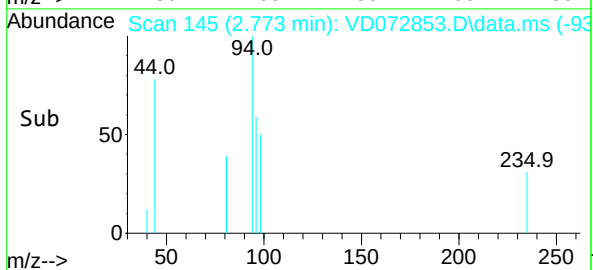
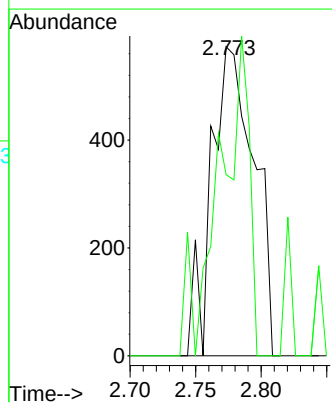
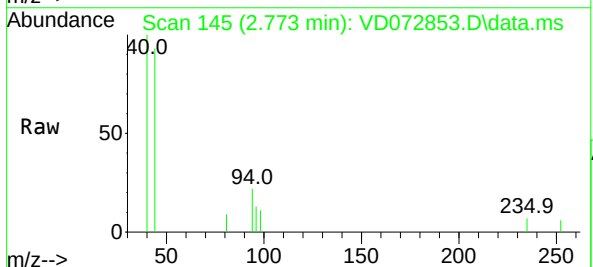
Instrument :
MSVOA_D
ClientSampleId :
SB-4,16

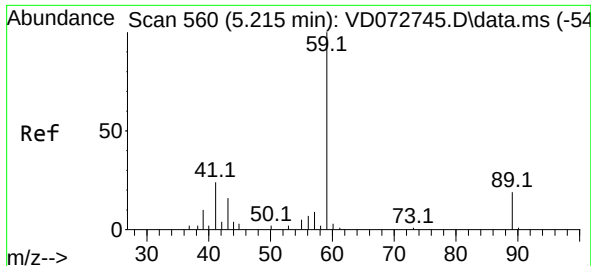
Tgt Ion:168 Resp: 343359
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Tgt Ion: 94 Resp: 1297
Ion Ratio Lower Upper
94 100
96 58.6 77.6 116.4#

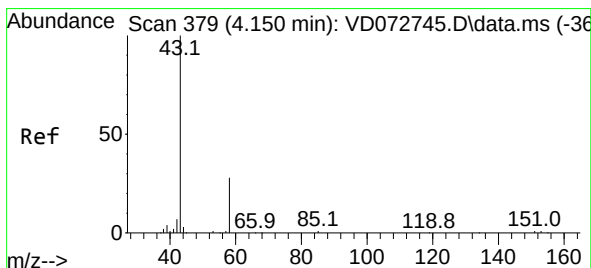
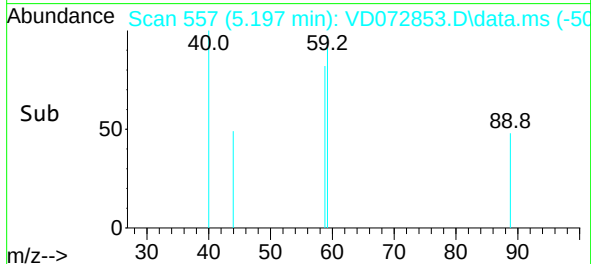
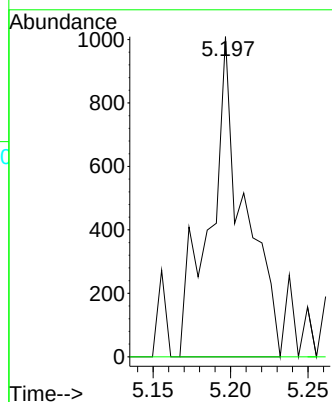
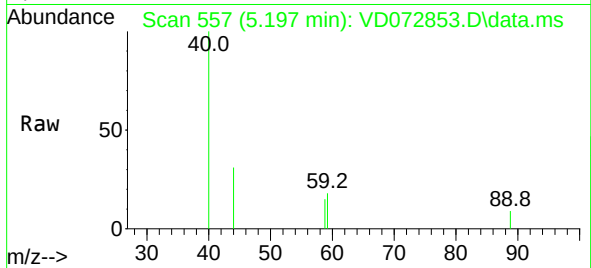




#11
Tert butyl alcohol
Concen: 4.019 ug/l
RT: 5.197 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

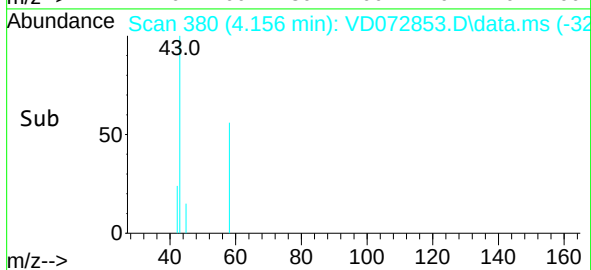
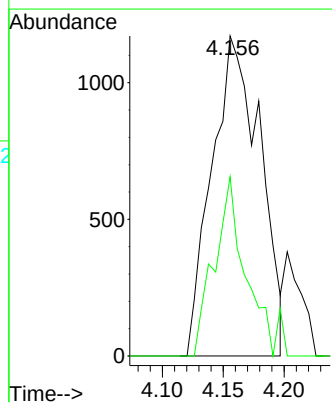
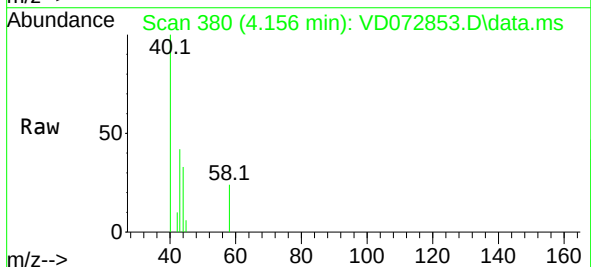
Instrument :
MSVOA_D
ClientSampleId :
SB-4,16

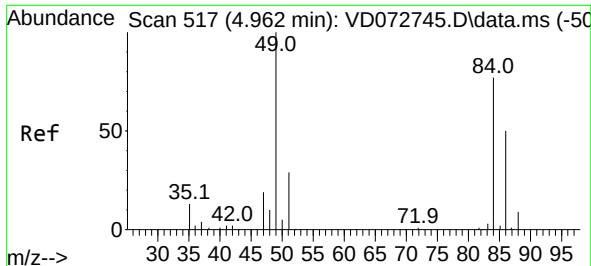
Tgt Ion: 59 Resp: 1550
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: Below Cal
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Tgt Ion: 43 Resp: 3228
Ion Ratio Lower Upper
43 100
58 56.0 22.1 33.1#



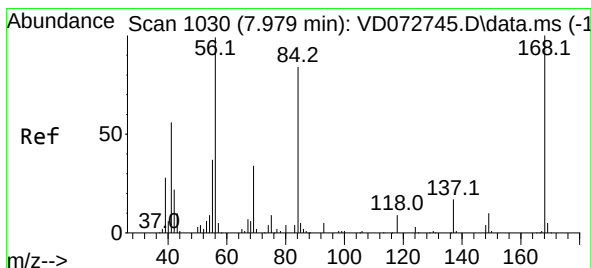
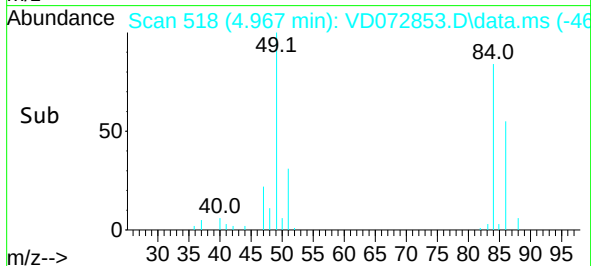
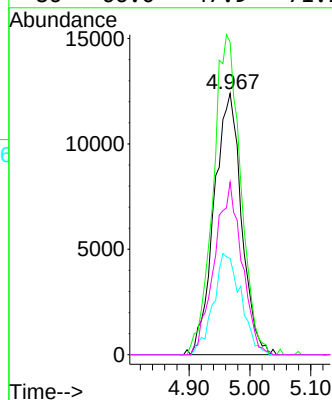
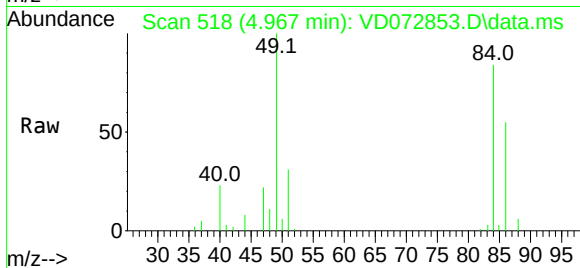


#20
Methylene Chloride
Concen: 1.135 ug/l
RT: 4.967 min Scan# 517
Delta R.T. 0.005 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Instrument :
MSVOA_D
ClientSampleId :
SB-4,16

Tgt Ion: 84 Resp: 38839

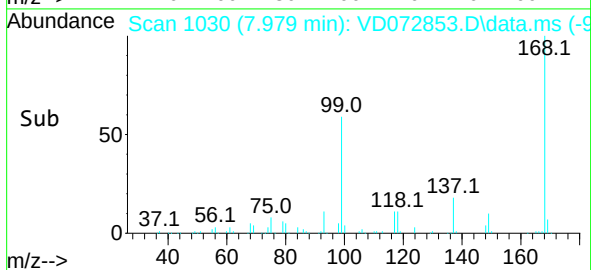
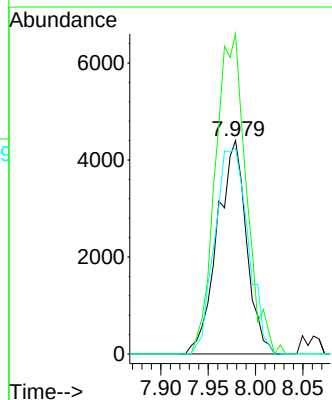
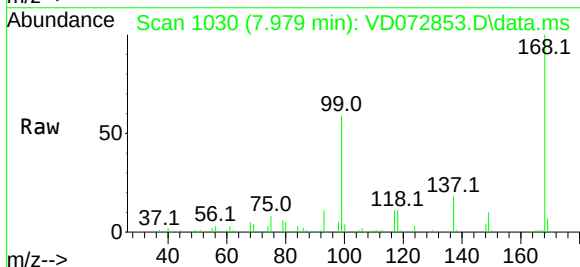
Ion	Ratio	Lower	Upper
84	100		
49	119.7	112.8	169.2
51	36.8	32.6	48.8
86	66.0	47.9	71.9

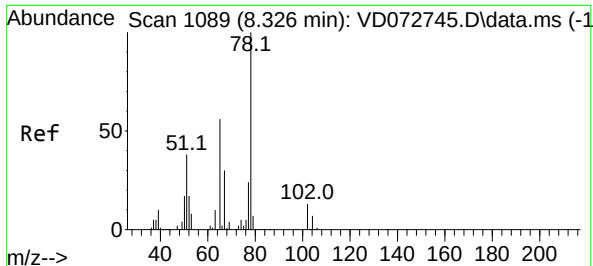


#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Tgt Ion: 56 Resp: 9438

Ion	Ratio	Lower	Upper
56	100		
69	149.9	25.4	38.2#
84	96.5	63.0	94.4#





#33

1,2-Dichloroethane-d4

Concen: 50.186 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072853.D

Acq: 06 May 2022 16:00

Instrument :

MSVOA_D

ClientSampleId :

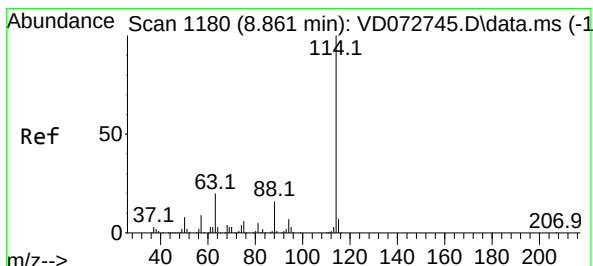
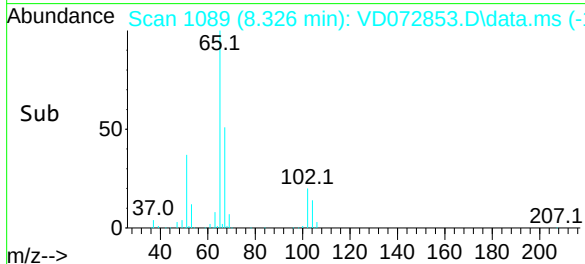
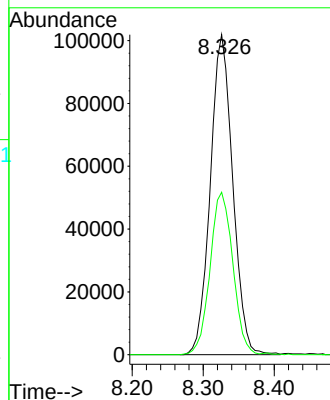
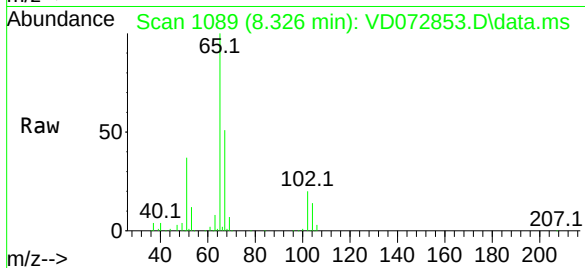
SB-4,16

Tgt Ion: 65 Resp: 223681

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072853.D

Acq: 06 May 2022 16:00

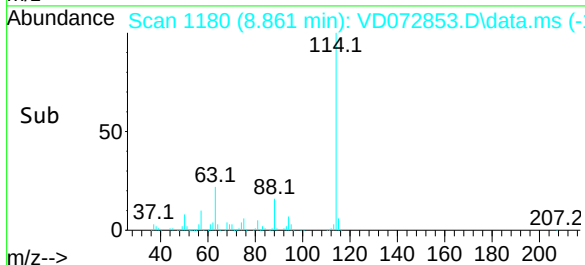
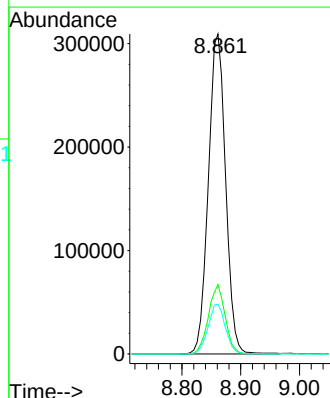
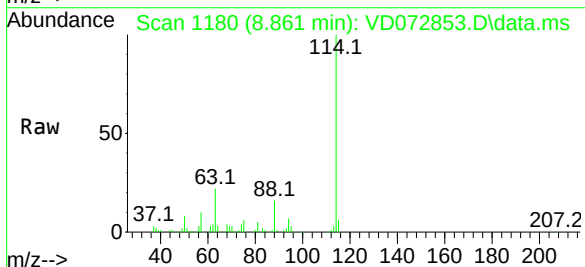
Tgt Ion: 114 Resp: 628672

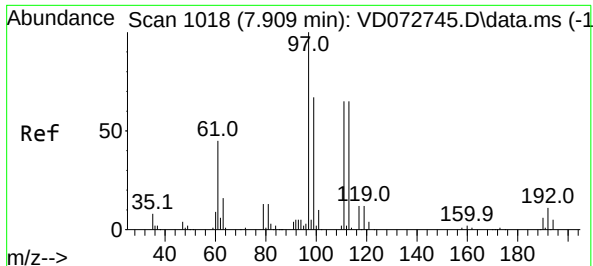
Ion Ratio Lower Upper

114 100

63 21.7 0.0 46.6

88 15.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.222 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072853.D

Acq: 06 May 2022 16:00

Instrument :

MSVOA_D

ClientSampleId :

SB-4,16

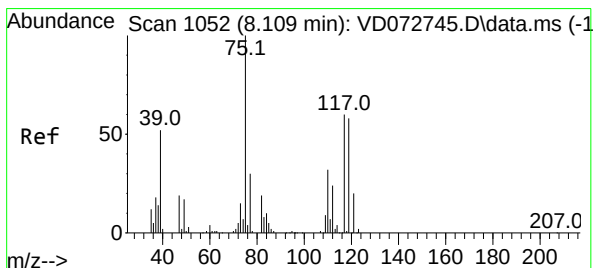
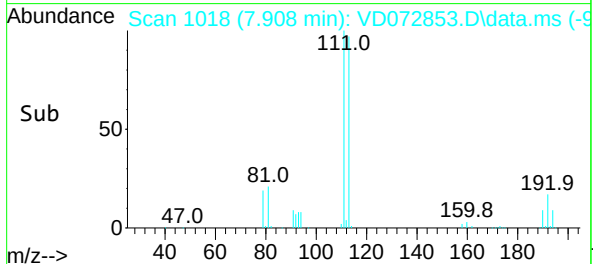
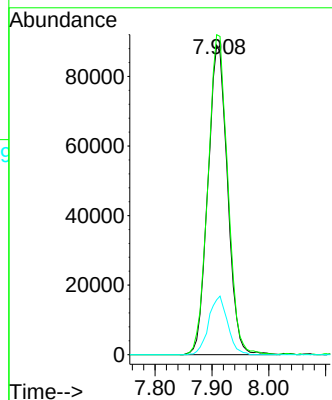
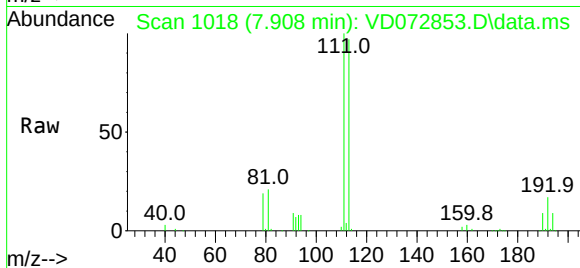
Tgt Ion:113 Resp: 212912

Ion Ratio Lower Upper

113 100

111 104.5 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.293 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072853.D

Acq: 06 May 2022 16:00

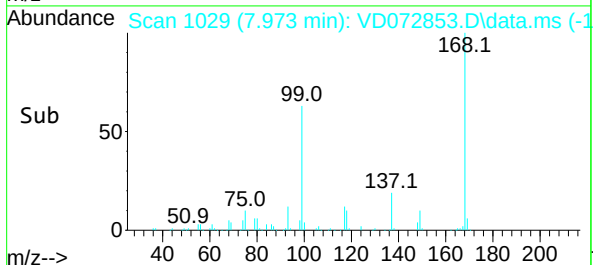
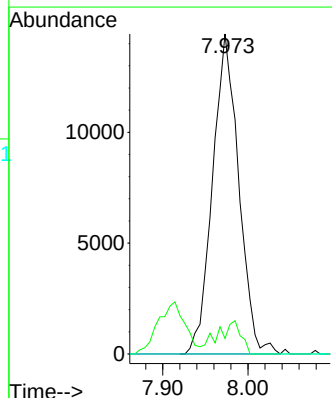
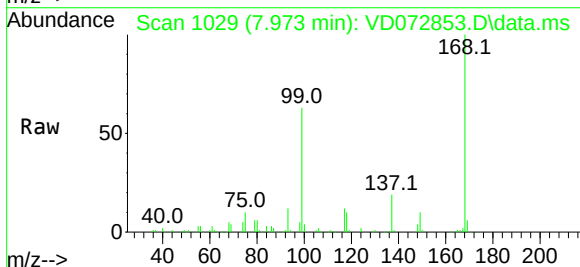
Tgt Ion: 75 Resp: 30821

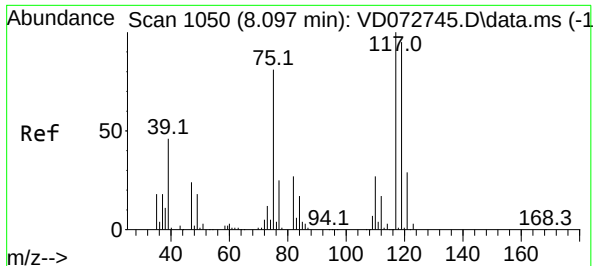
Ion Ratio Lower Upper

75 100

110 9.3 16.4 49.1#

77 0.0 24.2 36.2#

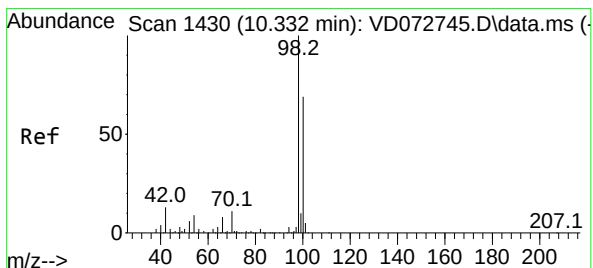
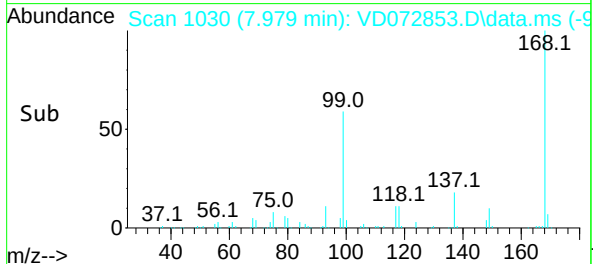
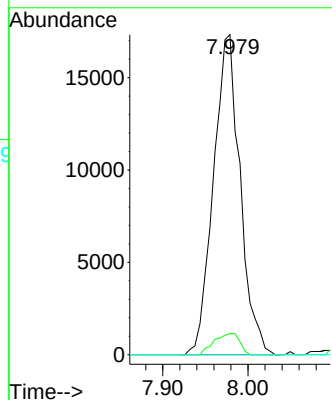
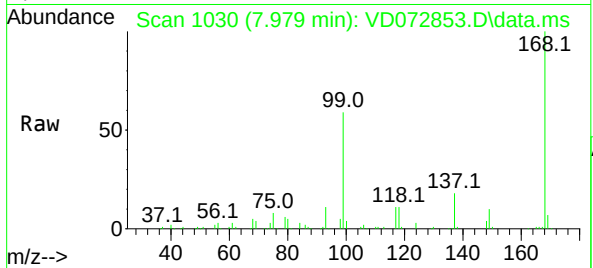




#38
Carbon Tetrachloride
Concen: 5.064 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.118 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

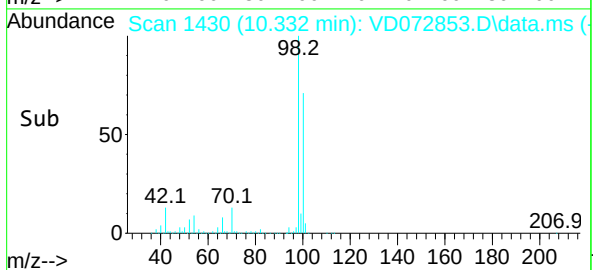
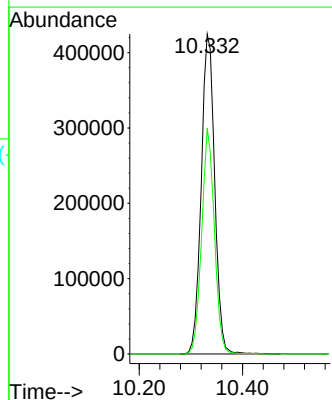
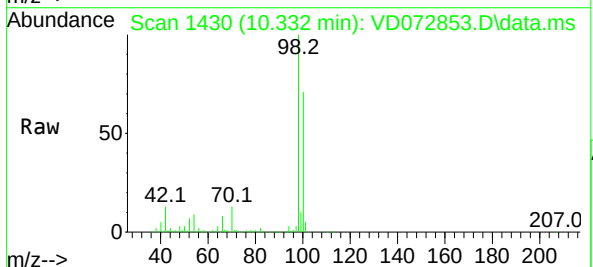
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SB-4,16

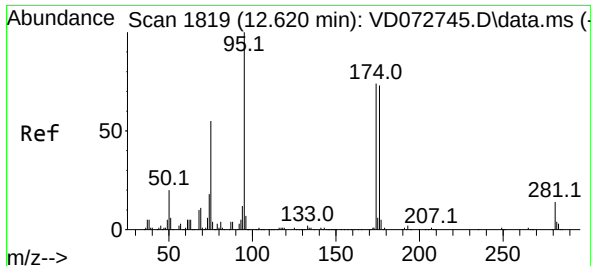
Tgt Ion:117 Resp: 37736
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.443 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Tgt Ion: 98 Resp: 767235
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

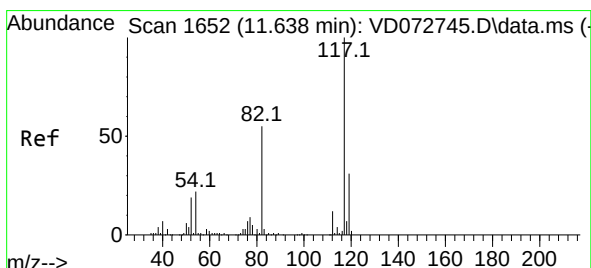
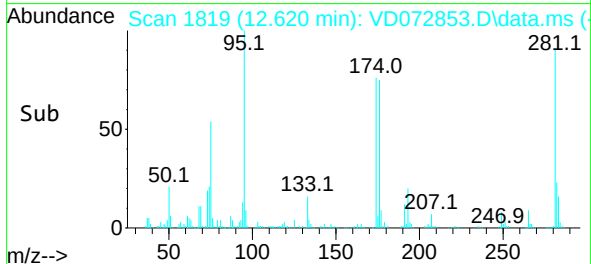
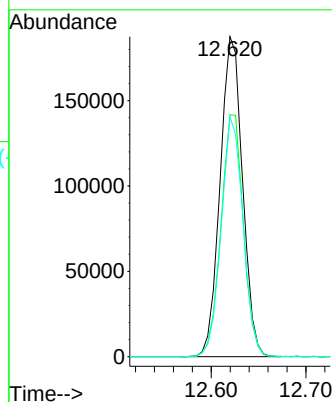
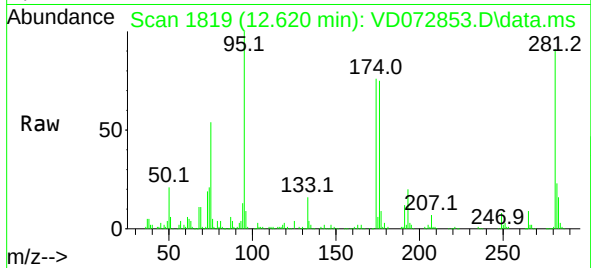




#62
4-Bromofluorobenzene
Concen: 52.109 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

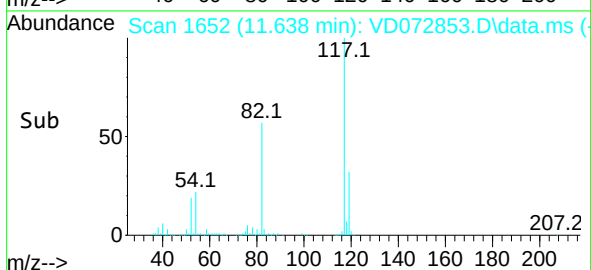
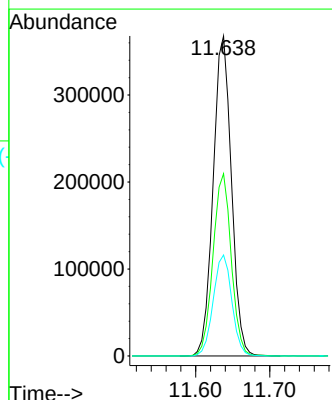
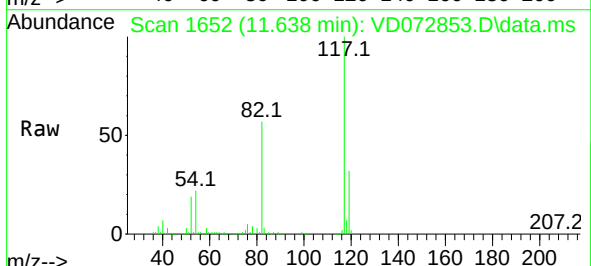
Instrument :
MSVOA_D
ClientSampleId :
SB-4,16

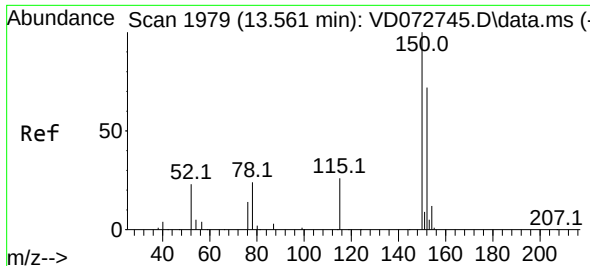
Tgt Ion: 95 Resp: 307733
Ion Ratio Lower Upper
95 100
174 75.5 0.0 152.8
176 73.2 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Tgt Ion: 117 Resp: 628642
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.5 26.6 40.0

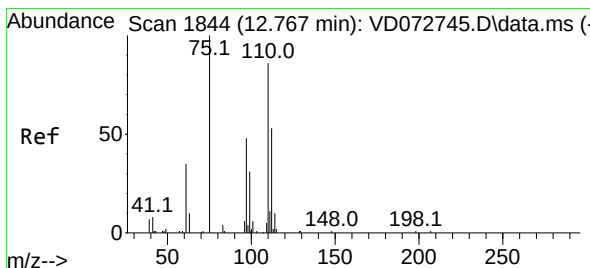
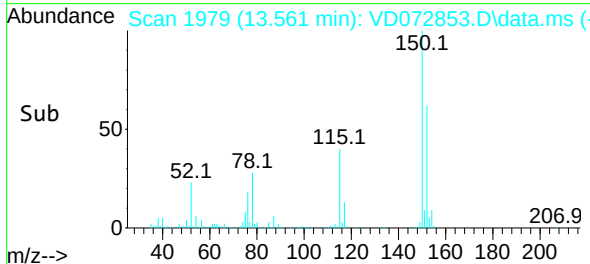
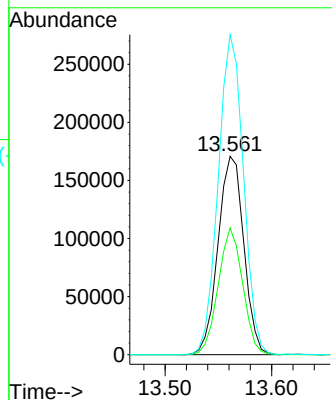
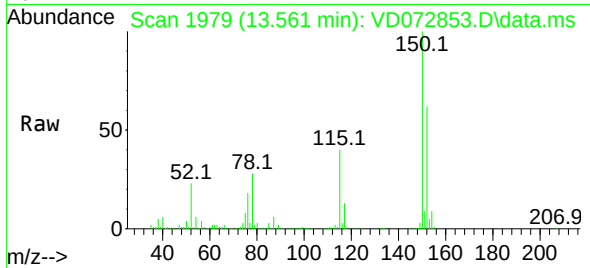




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

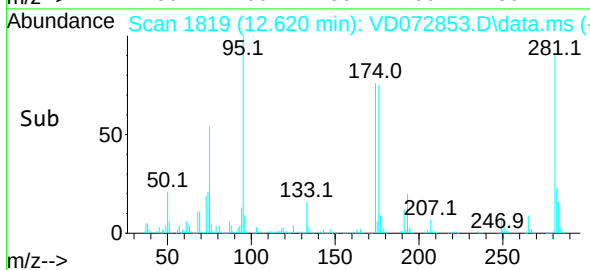
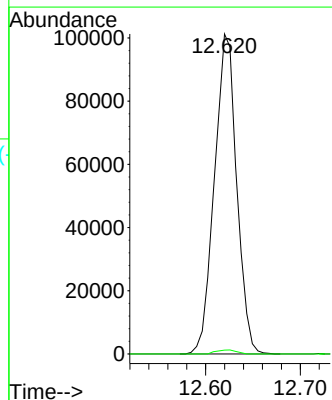
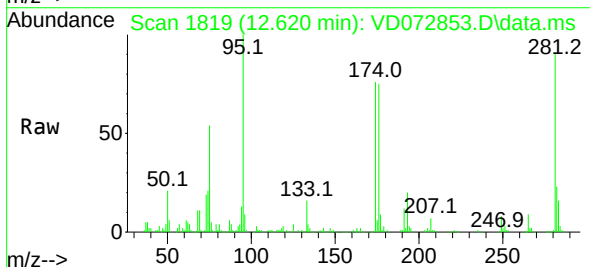
Instrument :
MSVOA_D
ClientSampleId :
SB-4,16

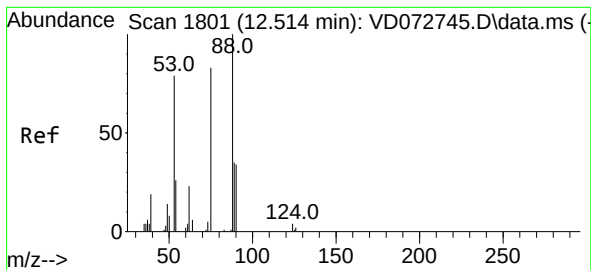
Tgt Ion:152 Resp: 287255
Ion Ratio Lower Upper
152 100
115 60.3 31.3 93.8
150 157.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.707 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072853.D
Acq: 06 May 2022 16:00

Tgt Ion: 75 Resp: 165621
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.905 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072853.D
 Acq: 06 May 2022 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-4,16

Tgt Ion: 75 Resp: 165621
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 1.2 33.9 50.9#

