

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050422\
 Data File : VD072793.D
 Acq On : 04 May 2022 17:21
 Operator : VA/SY
 Sample : N2677-10
 Misc : 6.48G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,16

Quant Time: May 05 01:38:22 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	258136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	487093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	477887	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	220642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175112	52.260	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.520%
35) Dibromofluoromethane	7.914	113	169662	49.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.332	98	590980	48.160	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.320%
62) 4-Bromofluorobenzene	12.620	95	229701	50.202	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.400%

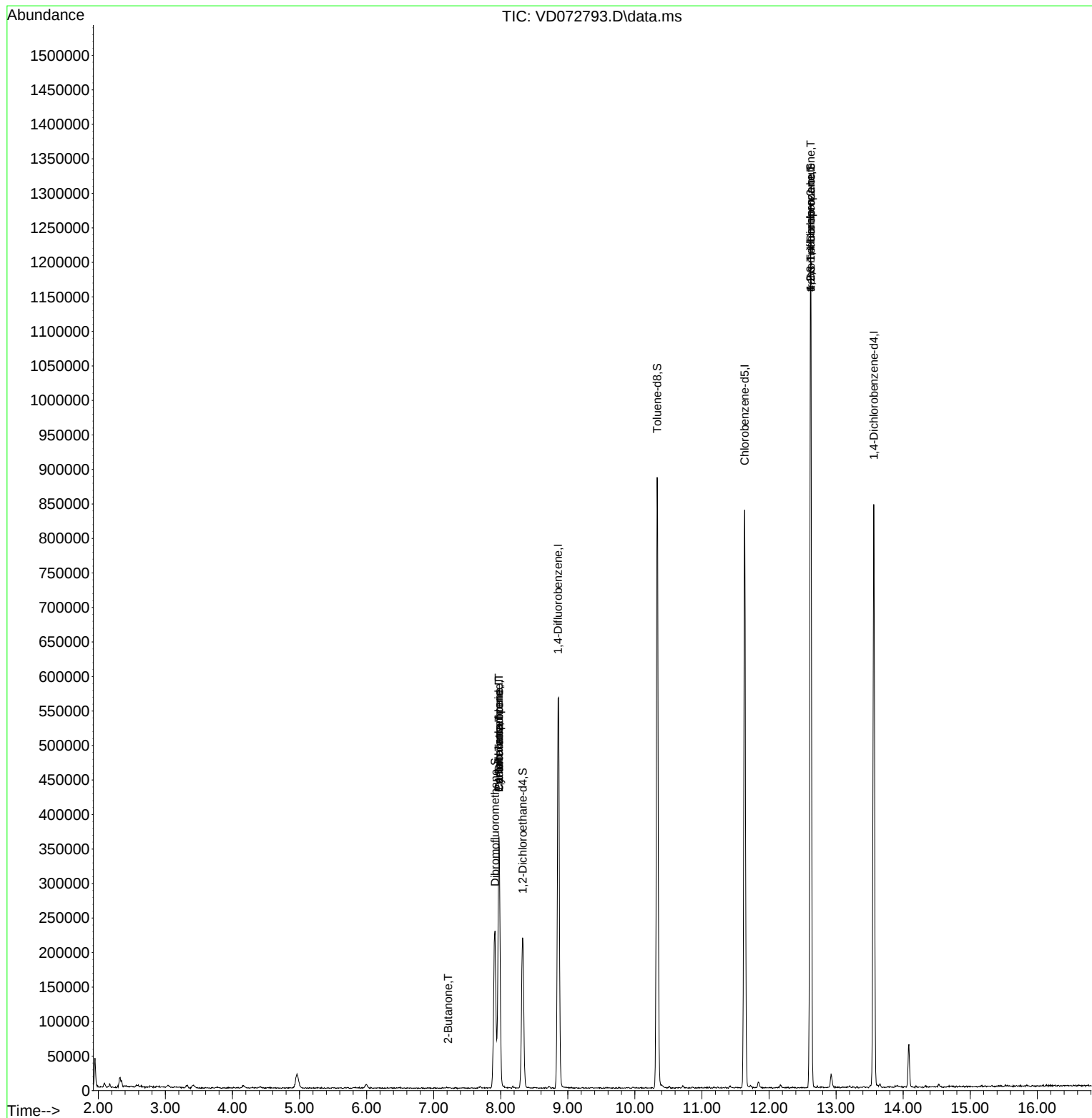
Target Compounds					Qvalue
5) Bromomethane	2.791	94	780	Below Cal	# 68
16) Acetone	4.162	43	5999	Below Cal	# 92
18) Methyl Acetate	4.979	43	58	Below Cal	# 55
20) Methylene Chloride	4.973	84	15714	Below Cal	# 74
25) 2-Butanone	7.214	43	1258	1.289 ug/l	# 83
31) Cyclohexane	7.973	56	6815	1.163 ug/l	# 33
36) 1,1-Dichloropropene	7.973	75	22640	4.070 ug/l	# 52
38) Carbon Tetrachloride	7.973	117	27061	4.687 ug/l	# 18
76) 1,2,3-Trichloropropane	12.620	75	126232	51.308 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	126232	117.986 ug/l	# 8

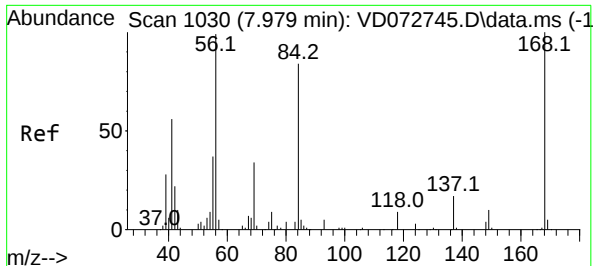
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

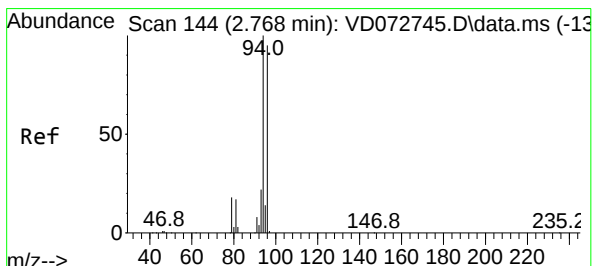
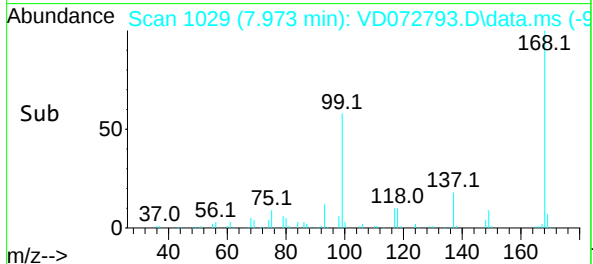
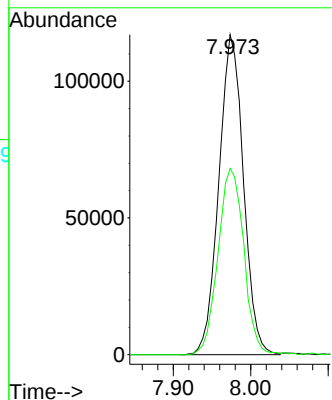
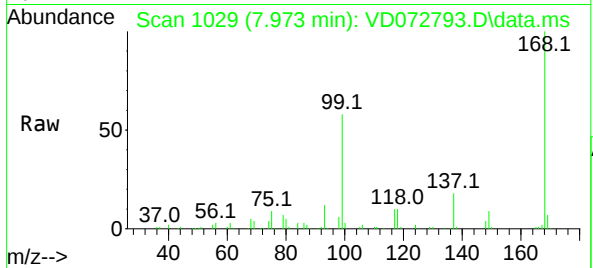




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

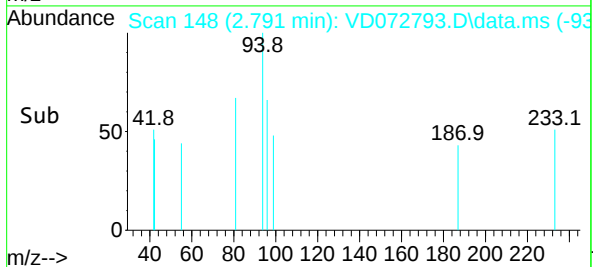
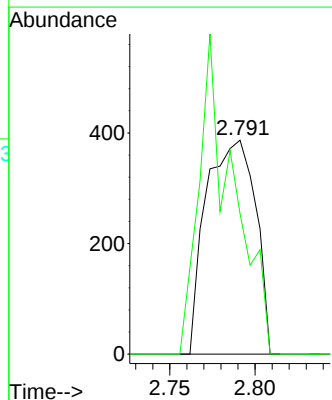
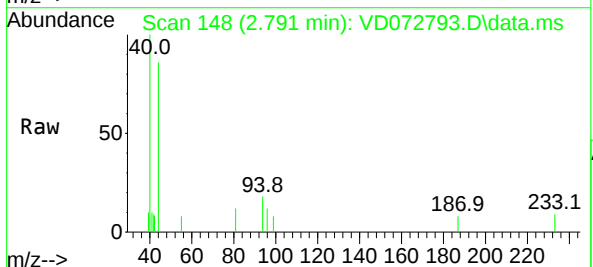
Instrument :
MSVOA_D
ClientSampleId :
SB-6,16

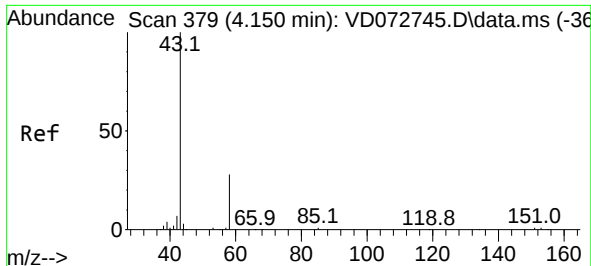
Tgt Ion:168 Resp: 258136
Ion Ratio Lower Upper
168 100
99 58.2 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.791 min Scan# 148
Delta R.T. 0.023 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

Tgt Ion: 94 Resp: 780
Ion Ratio Lower Upper
94 100
96 65.6 77.6 116.4#

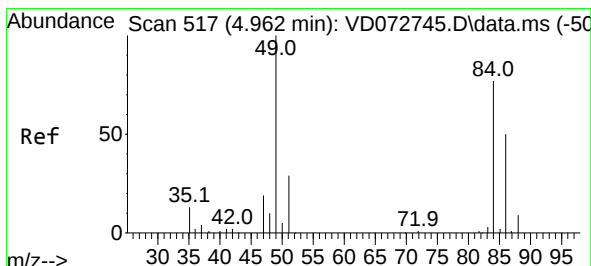
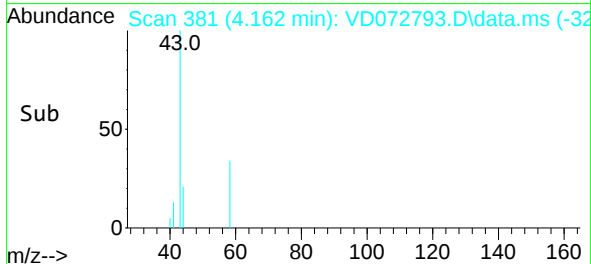
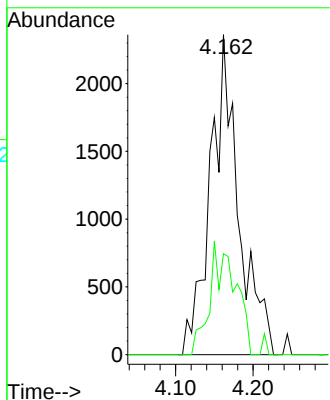
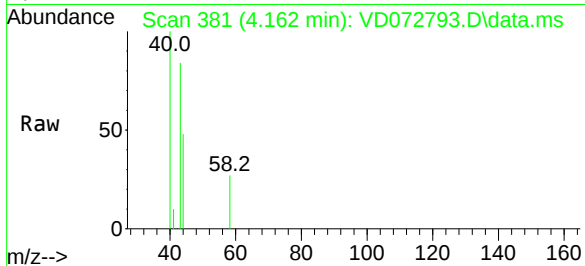




#16
Acetone
Concen: Below Cal
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

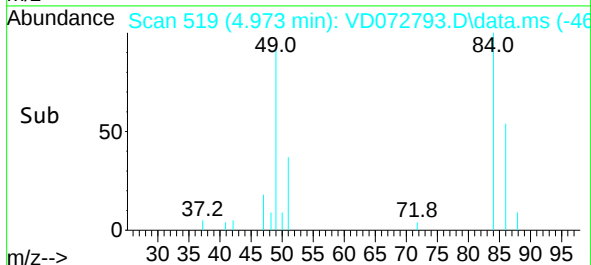
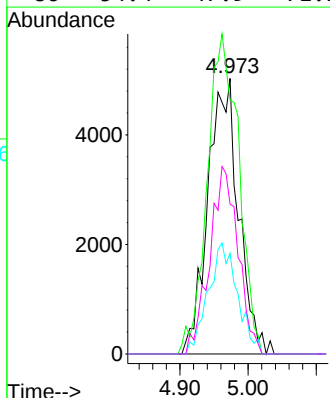
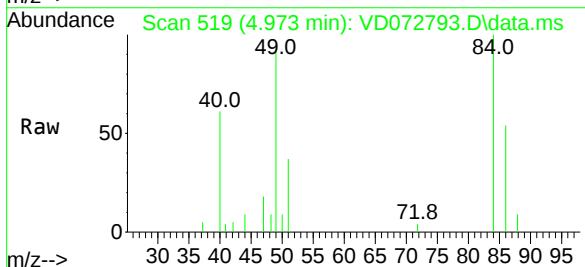
Instrument :
MSVOA_D
ClientSampleId :
SB-6,16

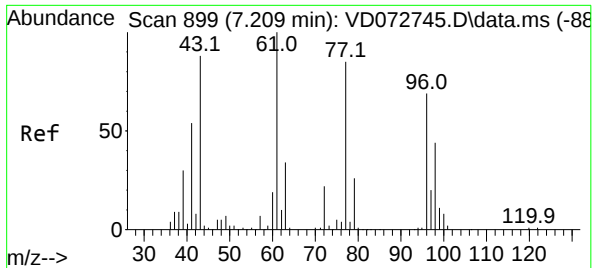
Tgt Ion: 43 Resp: 5999
Ion Ratio Lower Upper
43 100
58 31.6 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.011 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

Tgt Ion: 84 Resp: 15714
Ion Ratio Lower Upper
84 100
49 92.1 112.8 169.2#
51 36.5 32.6 48.8
86 54.4 47.9 71.9

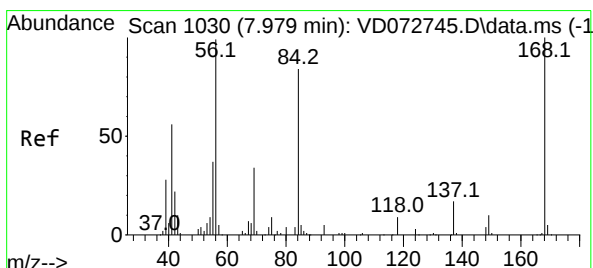
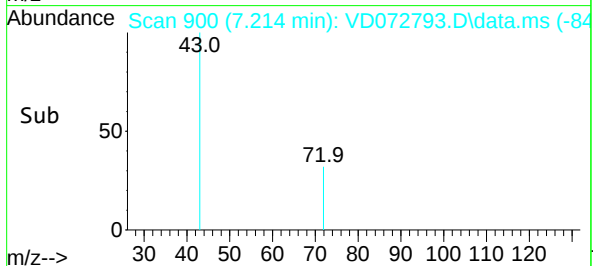
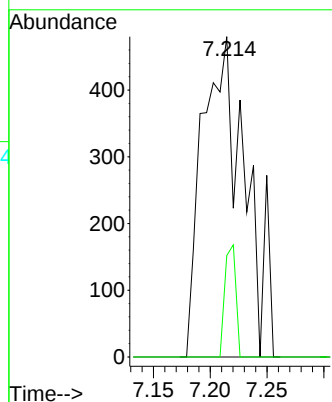
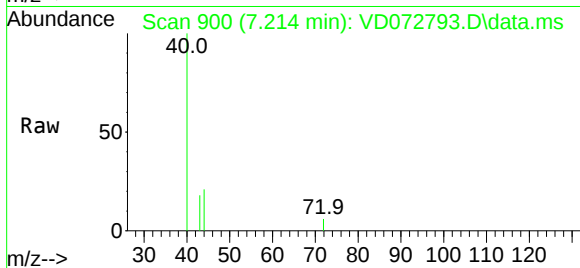




#25
2-Butanone
Concen: 1.289 ug/l
RT: 7.214 min Scan# 90
Delta R.T. 0.005 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

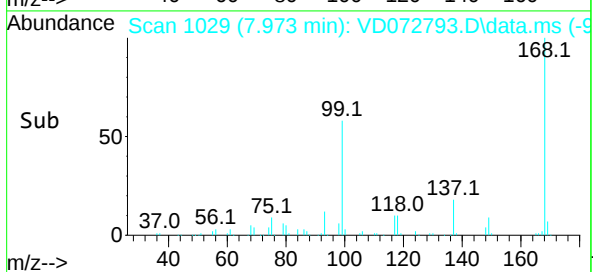
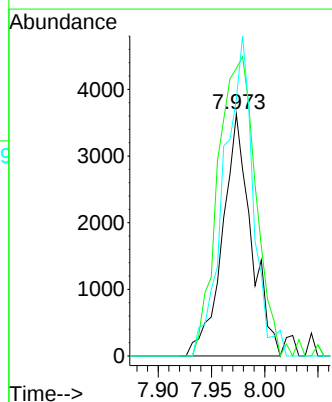
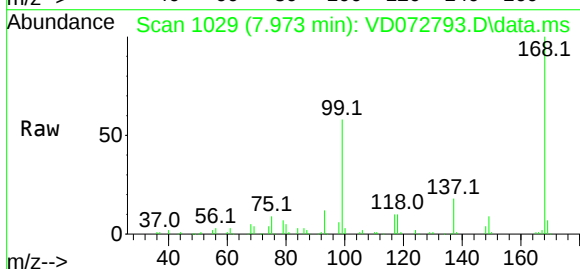
Instrument :
MSVOA_D
ClientSampleId :
SB-6,16

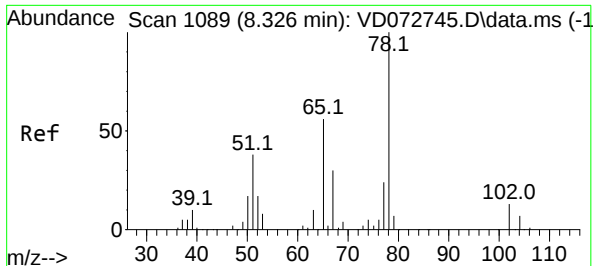
Tgt Ion: 43 Resp: 1258
Ion Ratio Lower Upper
43 100
72 31.7 18.6 27.8#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

Tgt Ion: 56 Resp: 6815
Ion Ratio Lower Upper
56 100
69 119.0 25.4 38.2#
84 106.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 52.260 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072793.D

Acq: 04 May 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :

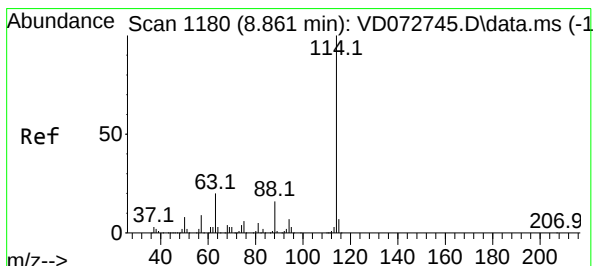
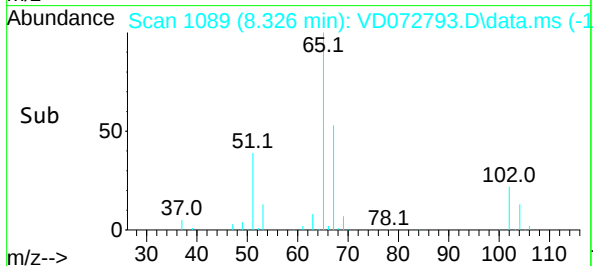
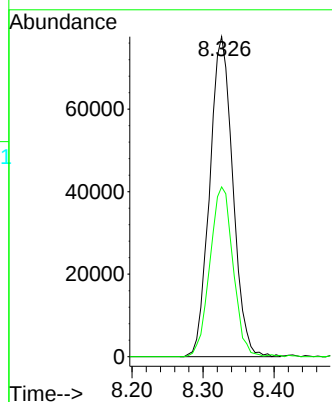
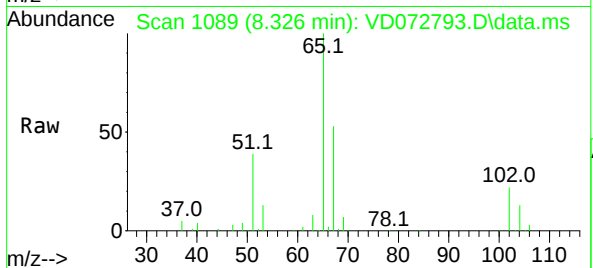
SB-6,16

Tgt Ion: 65 Resp: 175112

Ion Ratio Lower Upper

65 100

67 53.1 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: VD072793.D

Acq: 04 May 2022 17:21

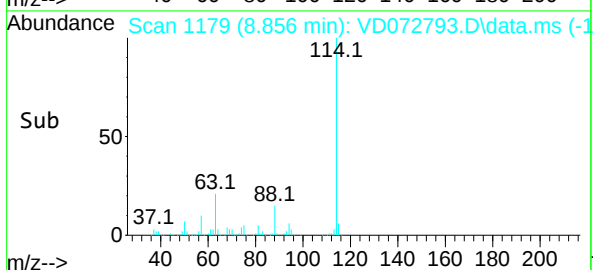
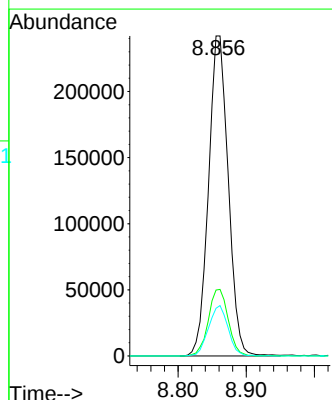
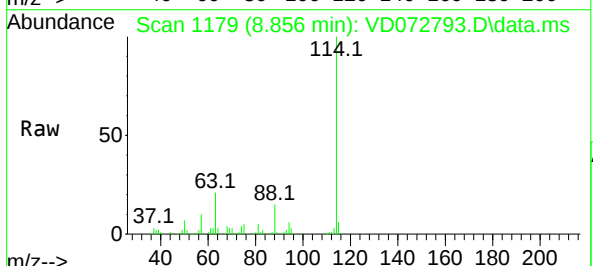
Tgt Ion: 114 Resp: 487093

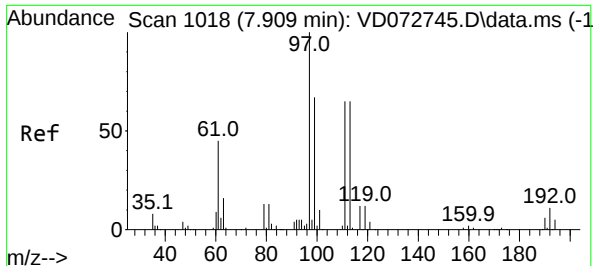
Ion Ratio Lower Upper

114 100

63 20.6 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.596 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD072793.D

Acq: 04 May 2022 17:21

Instrument :

MSVOA_D

ClientSampleId :

SB-6,16

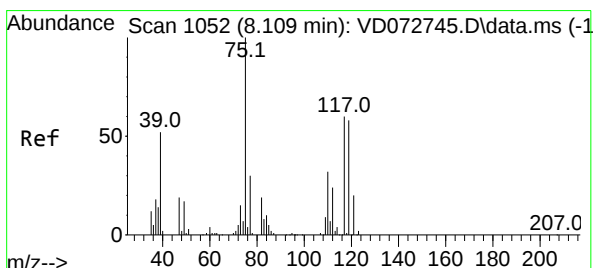
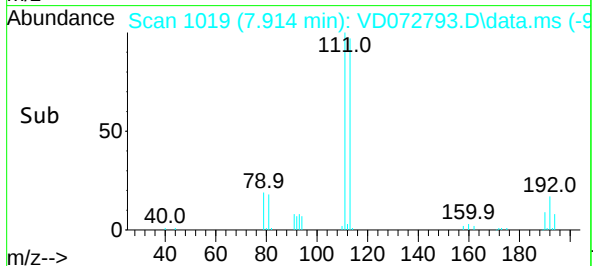
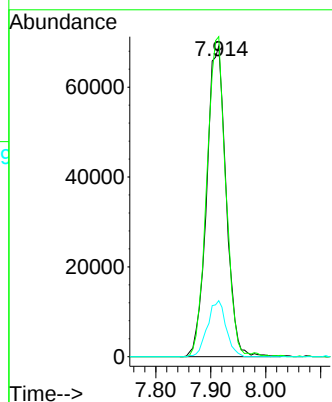
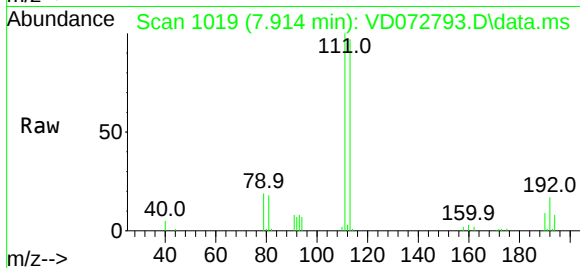
Tgt Ion:113 Resp: 169662

Ion Ratio Lower Upper

113 100

111 100.3 83.8 125.6

192 17.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.070 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072793.D

Acq: 04 May 2022 17:21

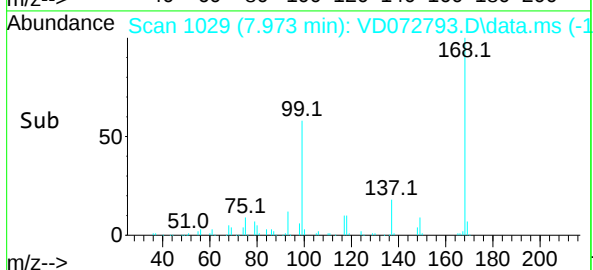
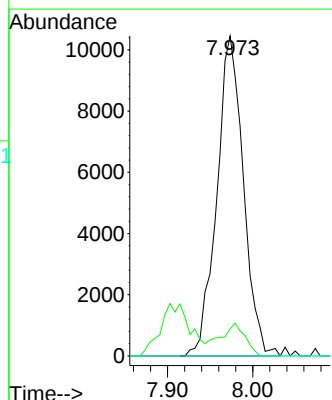
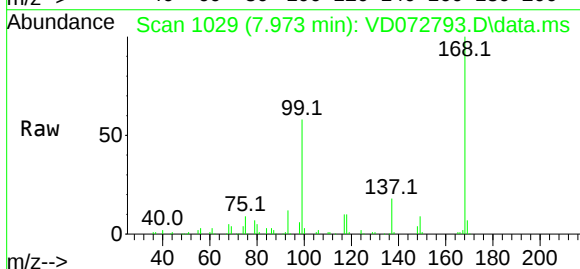
Tgt Ion: 75 Resp: 22640

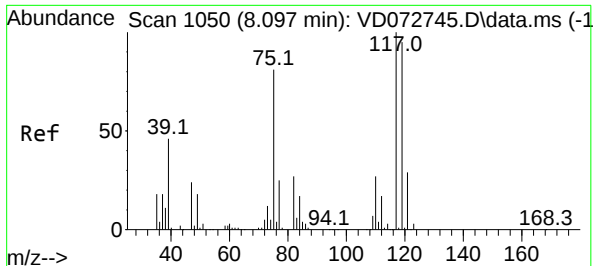
Ion Ratio Lower Upper

75 100

110 9.8 16.4 49.1#

77 0.0 24.2 36.2#

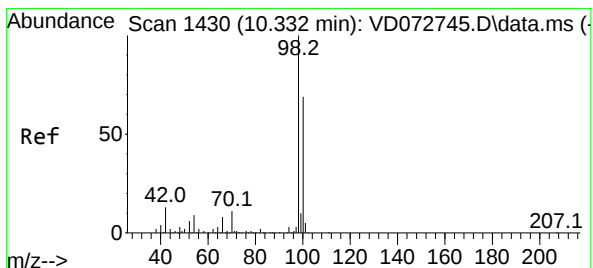
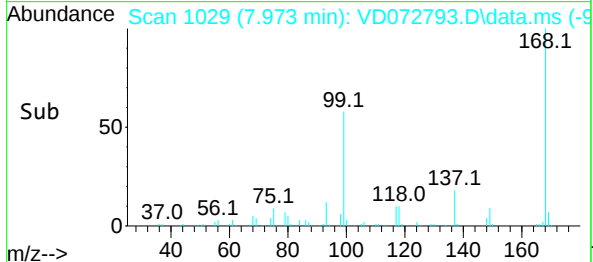
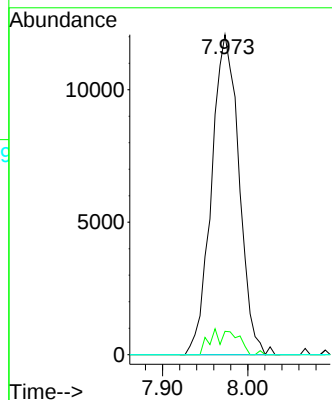
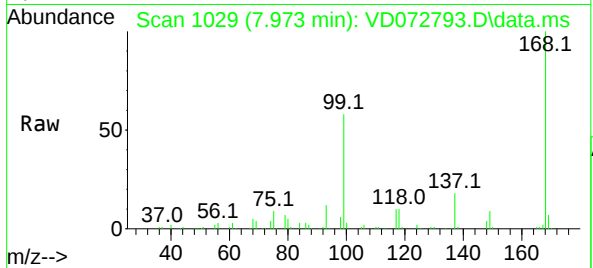




#38
Carbon Tetrachloride
Concen: 4.687 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

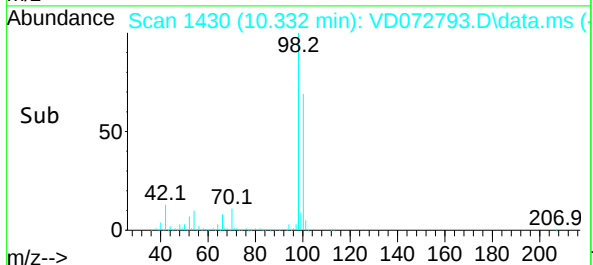
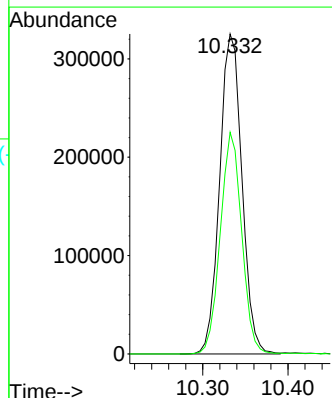
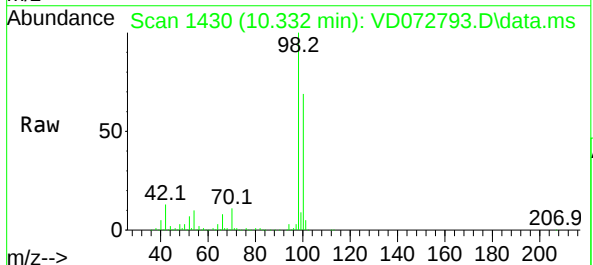
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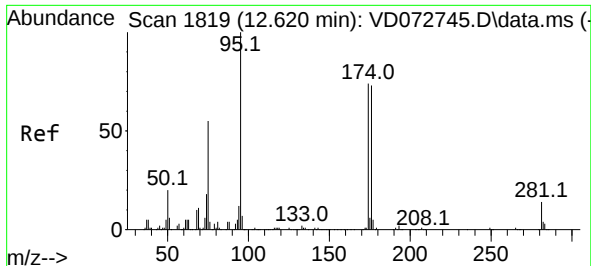
Tgt Ion:117 Resp: 27061
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.160 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

Tgt Ion: 98 Resp: 590980
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

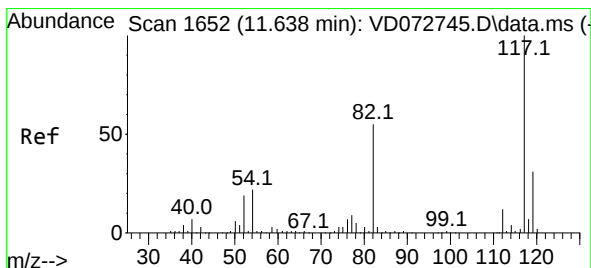
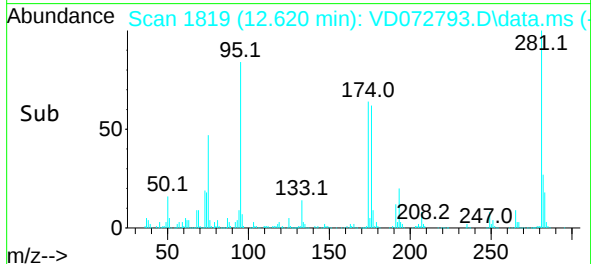
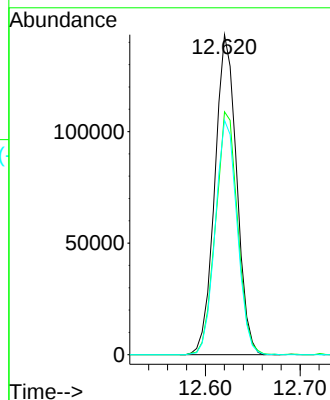
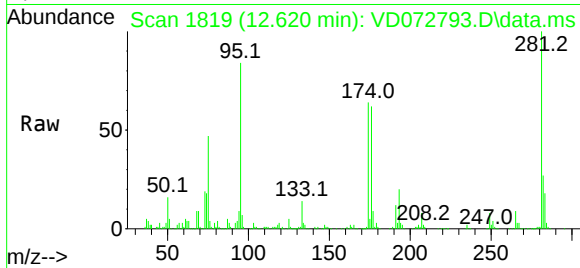




#62
4-Bromofluorobenzene
Concen: 50.202 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

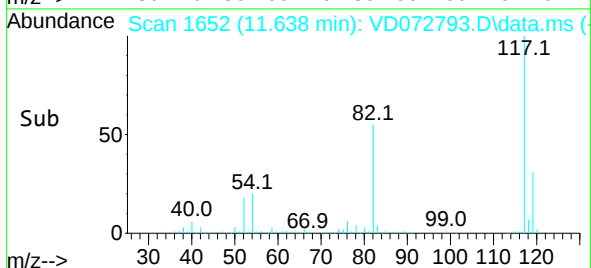
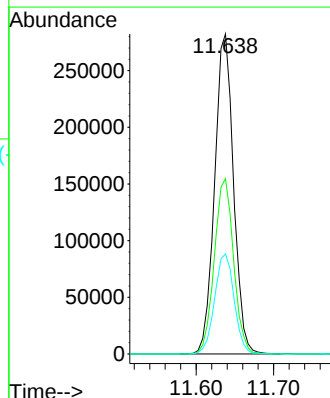
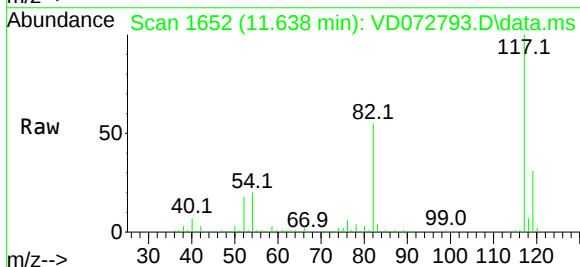
Instrument :
MSVOA_D
ClientSampleId :
SB-6,16

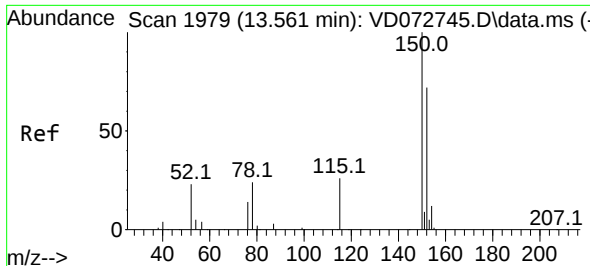
Tgt Ion: 95 Resp: 229701
Ion Ratio Lower Upper
95 100
174 76.5 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072793.D
Acq: 04 May 2022 17:21

Tgt Ion: 117 Resp: 477887
Ion Ratio Lower Upper
117 100
82 54.8 45.3 67.9
119 31.3 26.6 40.0

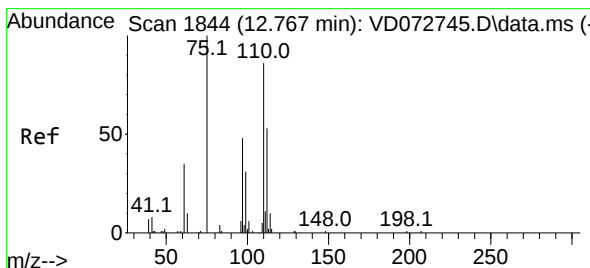
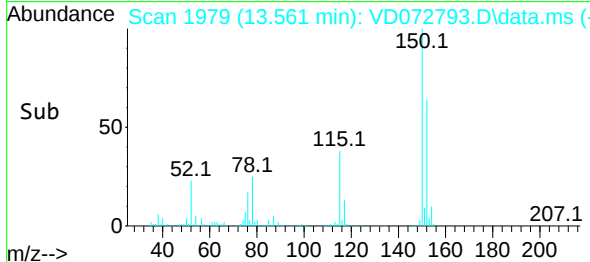
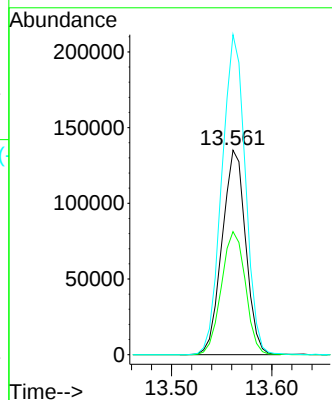
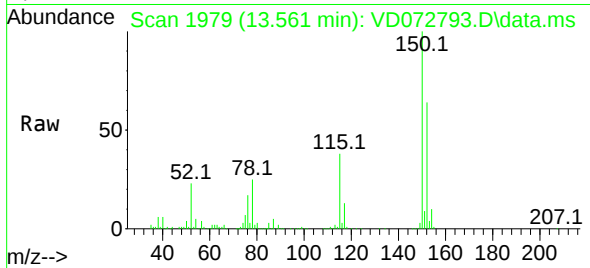




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD072793.D
 Acq: 04 May 2022 17:21

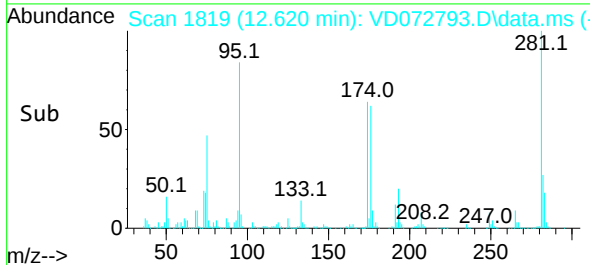
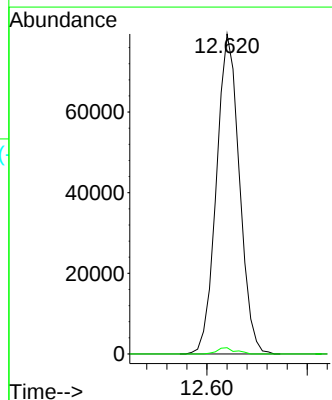
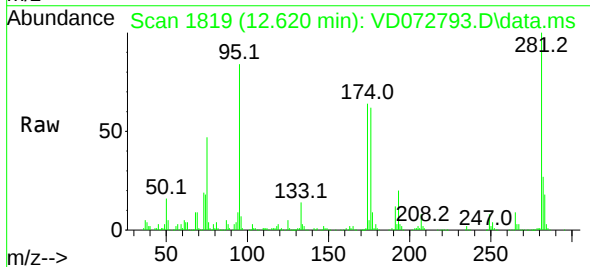
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,16

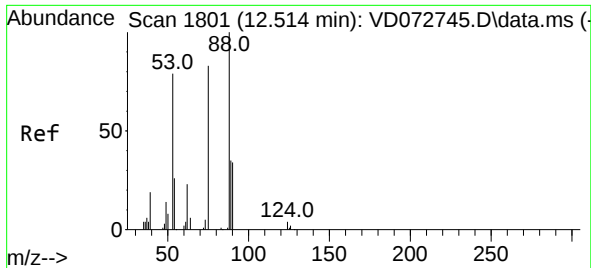
Tgt Ion:152 Resp: 220642
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.3 93.8
 150 155.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 51.308 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD072793.D
 Acq: 04 May 2022 17:21

Tgt Ion: 75 Resp: 126232
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.986 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072793.D
 Acq: 04 May 2022 17:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6,16

Tgt Ion: 75 Resp: 126232
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 1.8 33.9 50.9#

