

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062822\
 Data File : VD073746.D
 Acq On : 28 Jun 2022 12:33
 Operator : VA/SY
 Sample : N3455-07
 Misc : 5.44G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2-GR

Quant Time: Jun 28 16:29:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062722S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 27 16:20:04 2022
 Response via : Initial Calibration

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

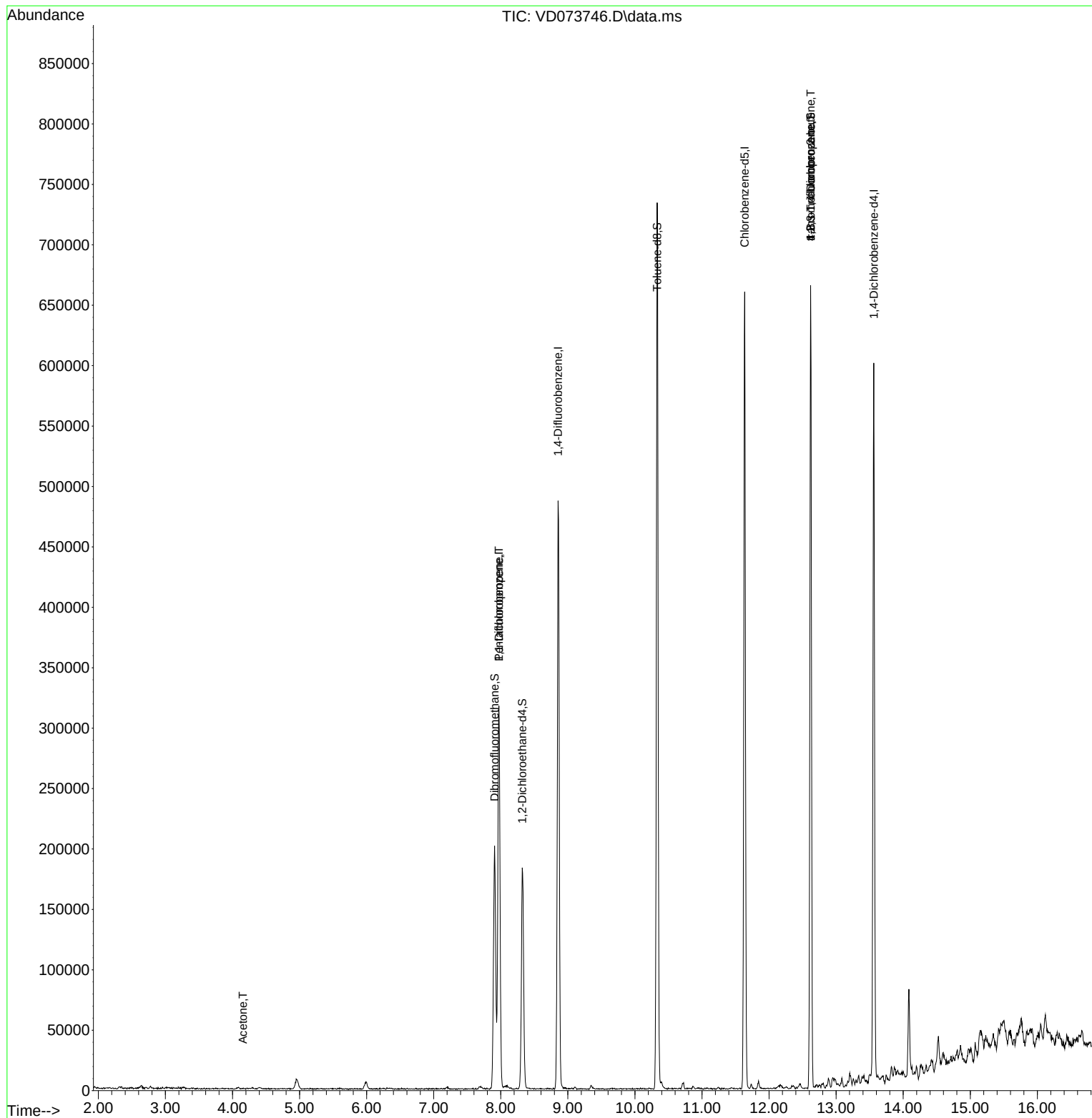
Internal Standards						
1) Pentafluorobenzene	7.973	168	230160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	414082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	379566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	158061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	152303	83.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 167.740%#	
35) Dibromofluoromethane	7.908	113	140793	58.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.840%	
50) Toluene-d8	10.332	98	493678	60.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 121.860%	
62) 4-Bromofluorobenzene	12.620	95	165352	49.553	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.100%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	580	Below Cal	#	63
4) Vinyl Chloride	2.350	62	336	Below Cal	#	40
5) Bromomethane	2.779	94	875	Below Cal	#	64
16) Acetone	4.156	43	395	1.080	ug/l	90
18) Methyl Acetate	4.985	43	54	Below Cal	#	50
20) Methylene Chloride	4.950	84	7289	Below Cal	#	78
31) Cyclohexane	7.973	56	6295	Below Cal	#	53
36) 1,1-Dichloropropene	7.973	75	19311	6.488	ug/l #	50
76) 1,2,3-Trichloropropane	12.620	75	88079	74.483	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.620	75	88079	151.705	ug/l #	11

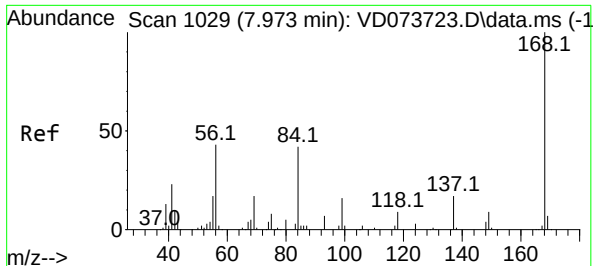
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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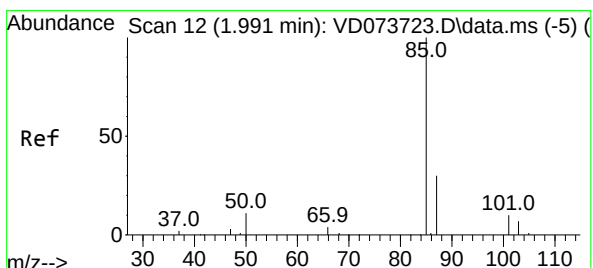
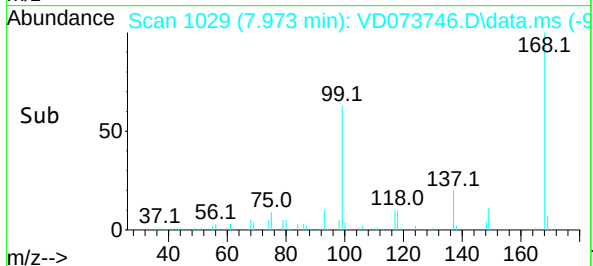
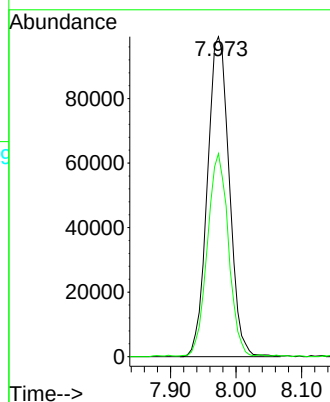
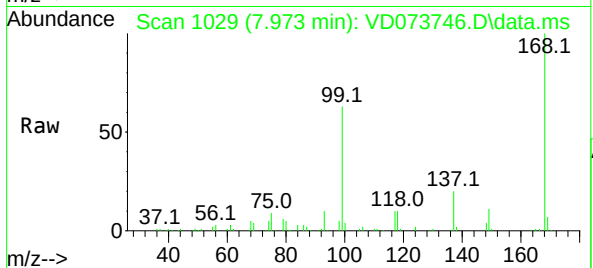




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

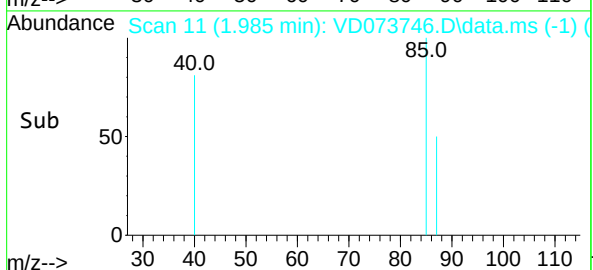
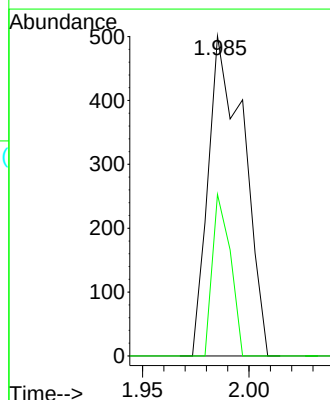
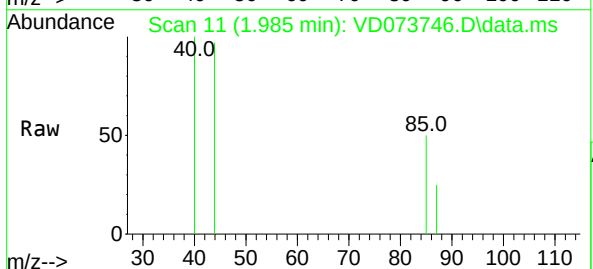
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2-GR

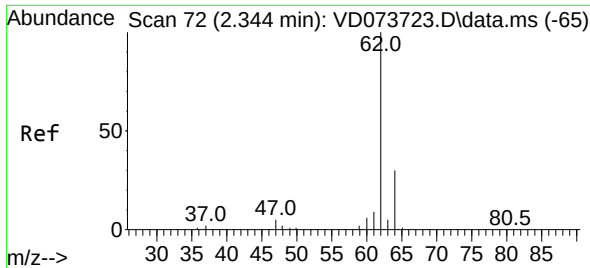
Tgt Ion:168 Resp: 230160
Ion Ratio Lower Upper
168 100
99 63.3 46.4 69.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Tgt Ion: 85 Resp: 580
Ion Ratio Lower Upper
85 100
87 50.5 15.2 45.5#

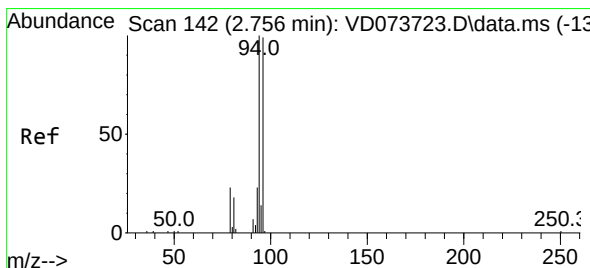
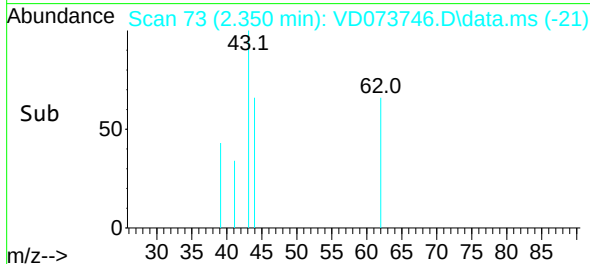
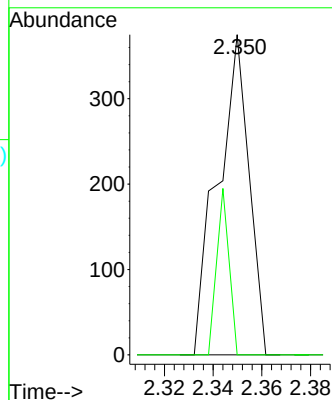
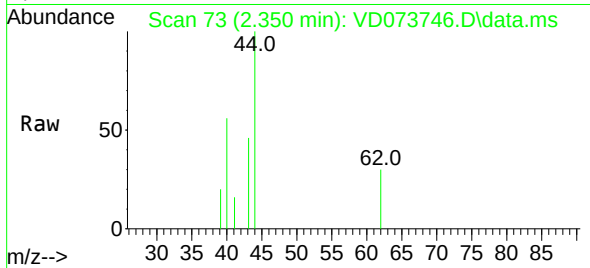




#4
 Vinyl Chloride
 Concen: Below Cal
 RT: 2.350 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD073746.D
 Acq: 28 Jun 2022 12:33

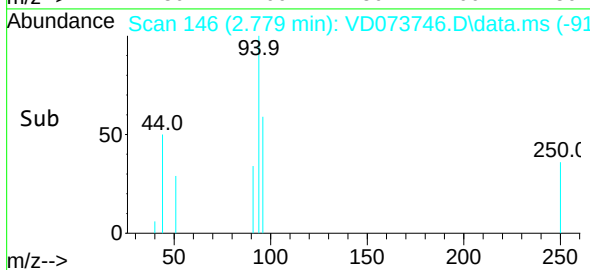
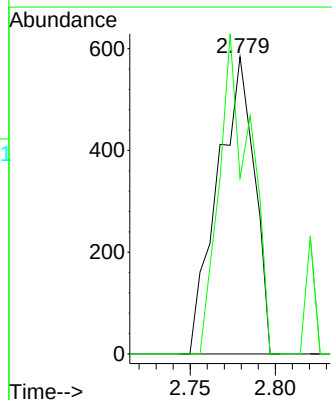
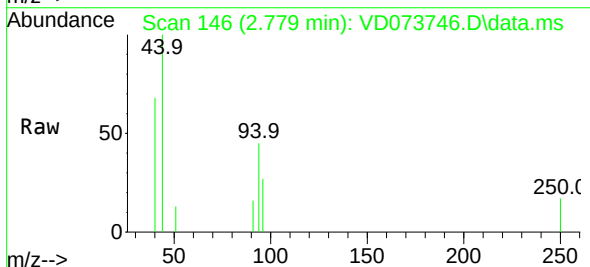
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2-GR

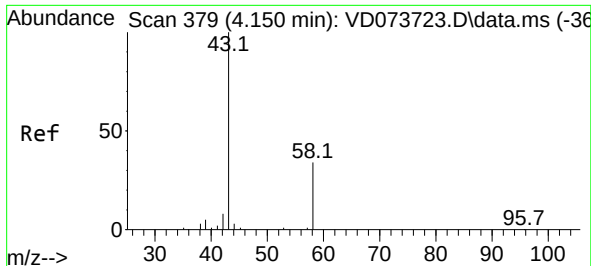
Tgt Ion: 62 Resp: 336
 Ion Ratio Lower Upper
 62 100
 64 0.0 27.8 41.6#



#5
 Bromomethane
 Concen: Below Cal
 RT: 2.779 min Scan# 146
 Delta R.T. 0.023 min
 Lab File: VD073746.D
 Acq: 28 Jun 2022 12:33

Tgt Ion: 94 Resp: 875
 Ion Ratio Lower Upper
 94 100
 96 59.2 75.1 112.7#

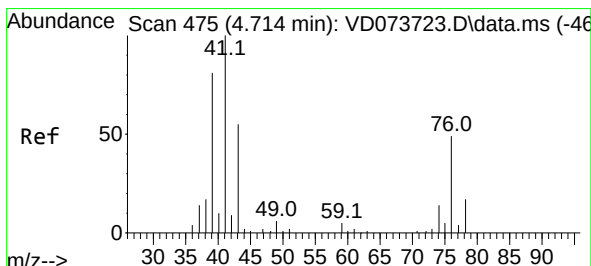
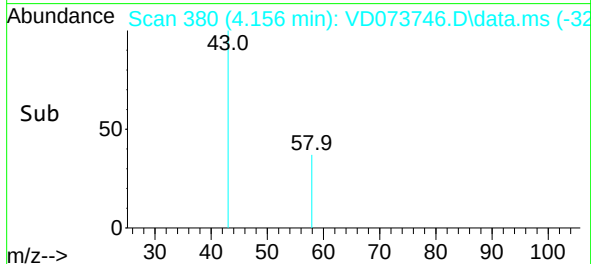
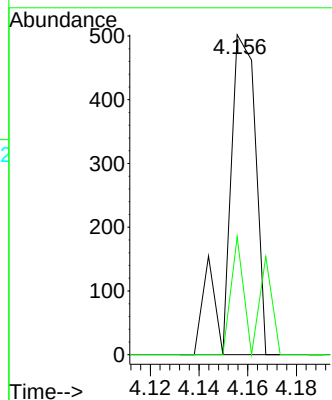
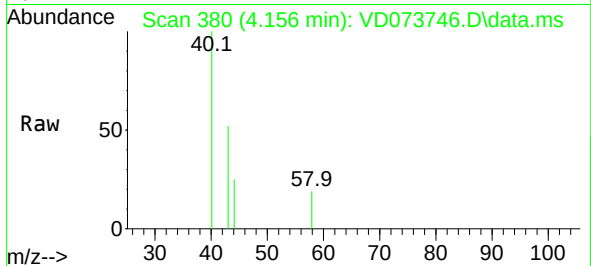




#16
Acetone
Concen: 1.080 ug/l
RT: 4.156 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

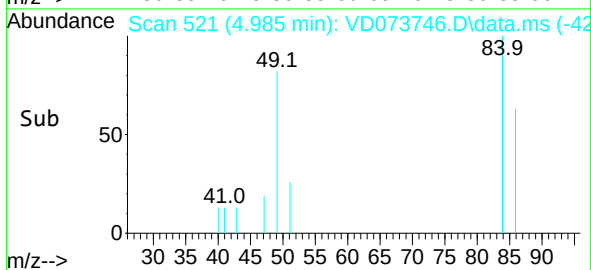
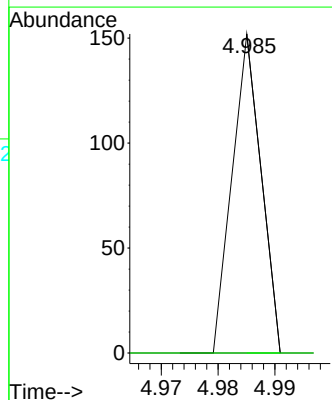
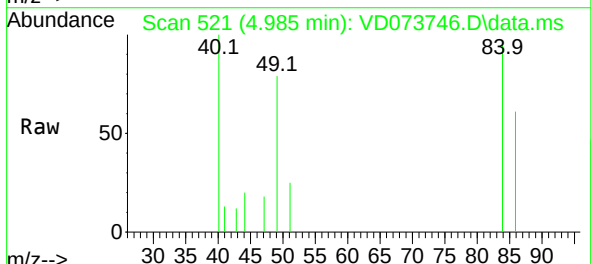
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2-GR

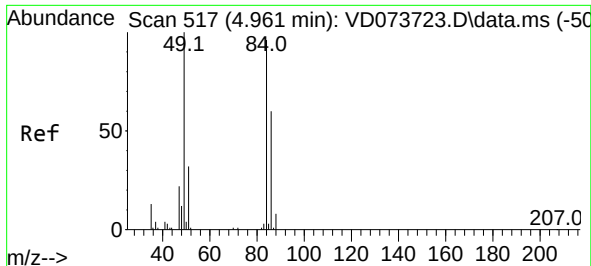
Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
58 36.9 25.2 37.8



#18
Methyl Acetate
Concen: Below Cal
RT: 4.985 min Scan# 521
Delta R.T. 0.271 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

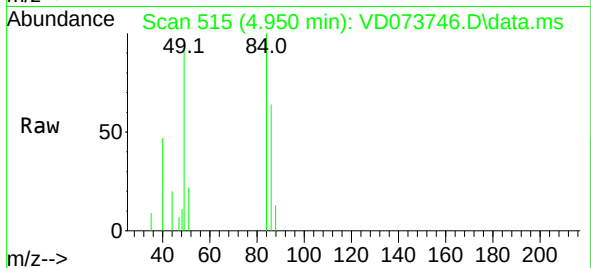
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.4#



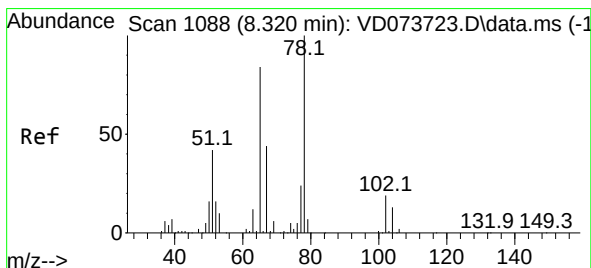
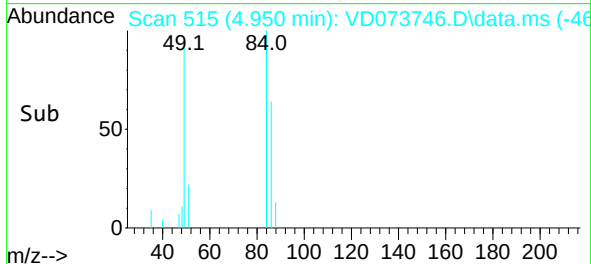
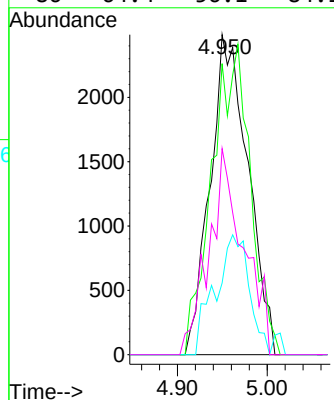


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2-GR

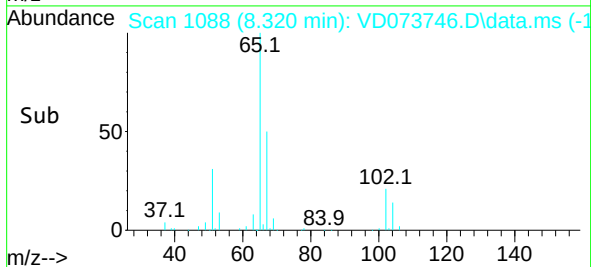
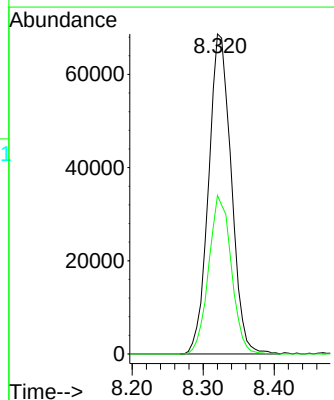
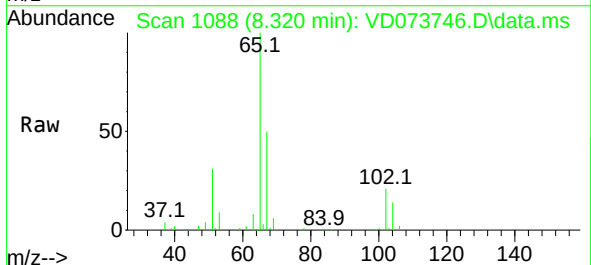


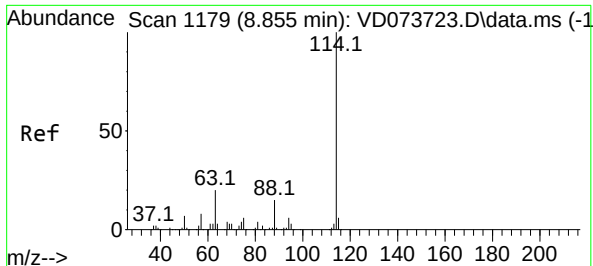
Tgt Ion: 84 Resp: 7289
Ion Ratio Lower Upper
84 100
49 91.0 100.6 150.8#
51 22.4 29.8 44.6#
86 64.4 56.1 84.1



#33
1,2-Dichloroethane-d4
Concen: 83.874 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Tgt Ion: 65 Resp: 152303
Ion Ratio Lower Upper
65 100
67 49.3 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073746.D

Acq: 28 Jun 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-2-GR

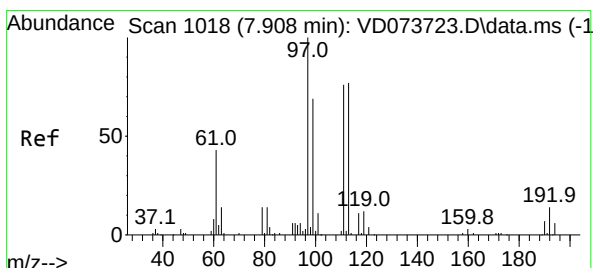
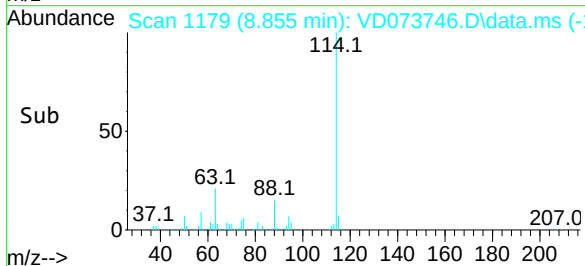
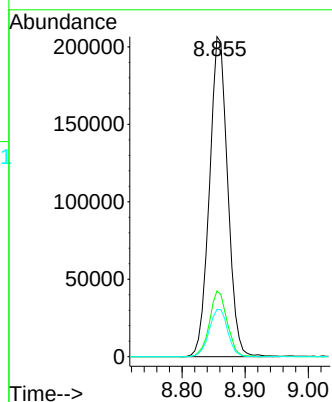
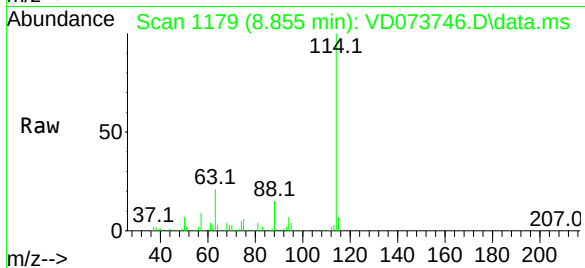
Tgt Ion:114 Resp: 414082

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 14.8 0.0 29.4



#35

Dibromofluoromethane

Concen: 58.921 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073746.D

Acq: 28 Jun 2022 12:33

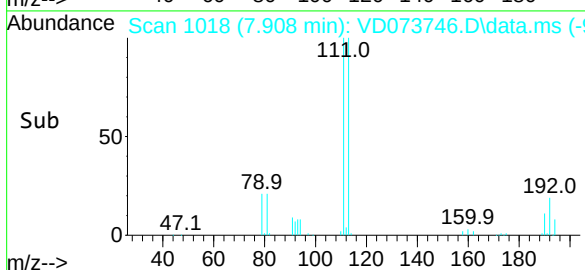
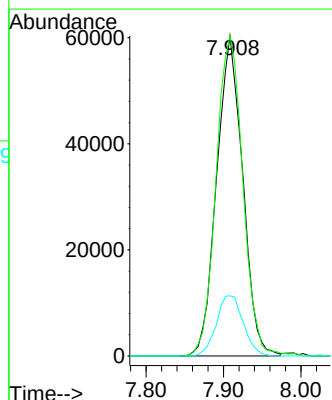
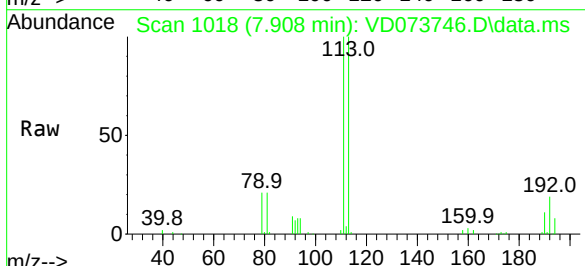
Tgt Ion:113 Resp: 140793

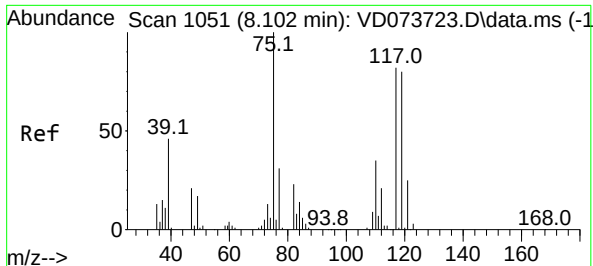
Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 19.5 14.8 22.2





#36

1,1-Dichloropropene

Concen: 6.488 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073746.D

Acq: 28 Jun 2022 12:33

Instrument :

MSVOA_D

ClientSampleId :

SP-EXC-2-2-GR

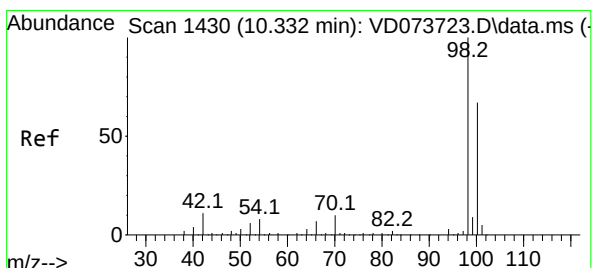
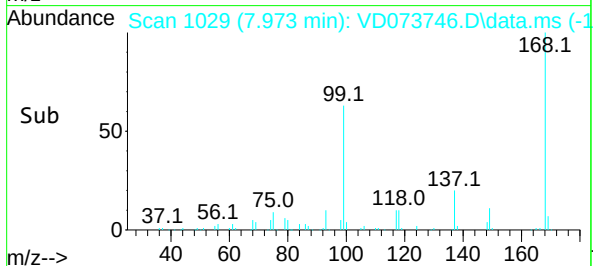
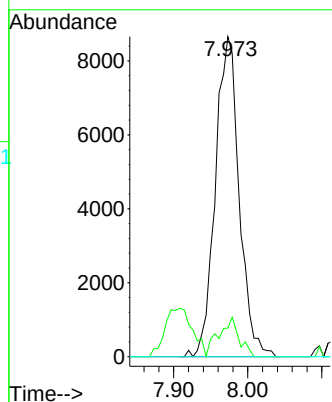
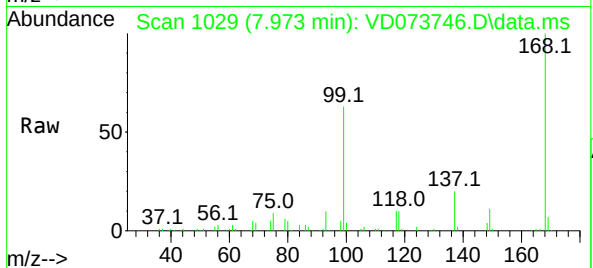
Tgt Ion: 75 Resp: 19311

Ion Ratio Lower Upper

75 100

110 10.4 18.0 54.0#

77 0.0 25.6 38.4#



#50

Toluene-d8

Concen: 60.926 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073746.D

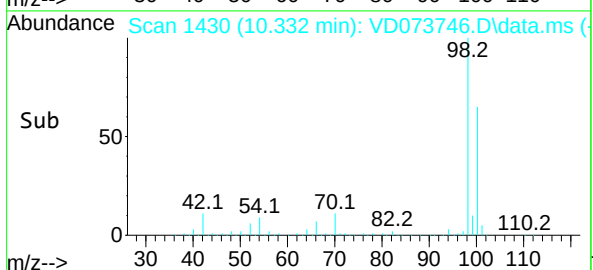
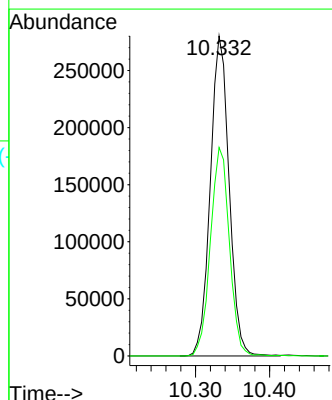
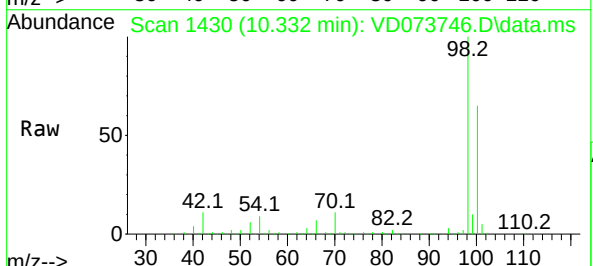
Acq: 28 Jun 2022 12:33

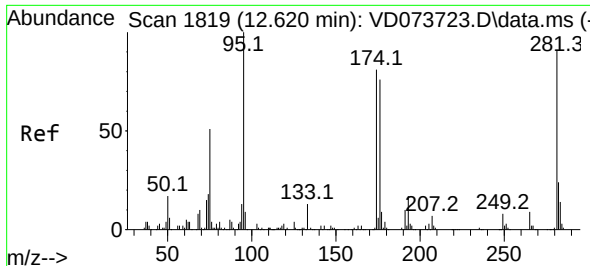
Tgt Ion: 98 Resp: 493678

Ion Ratio Lower Upper

98 100

100 65.7 54.0 81.0

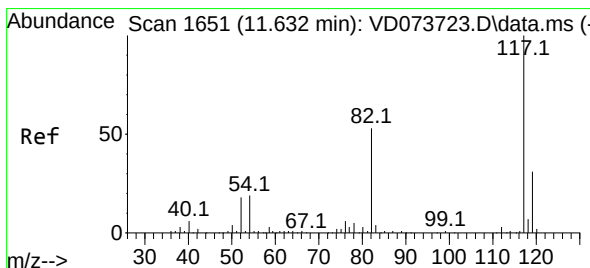
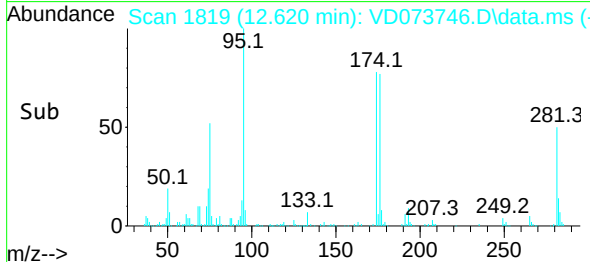
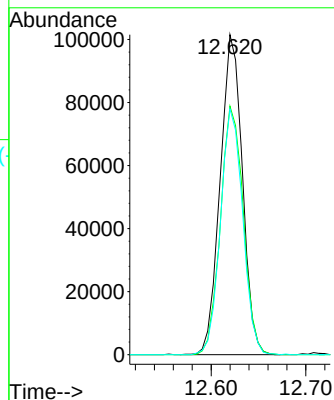
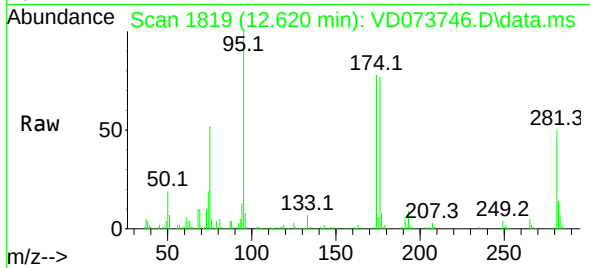




#62
4-Bromofluorobenzene
Concen: 49.553 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

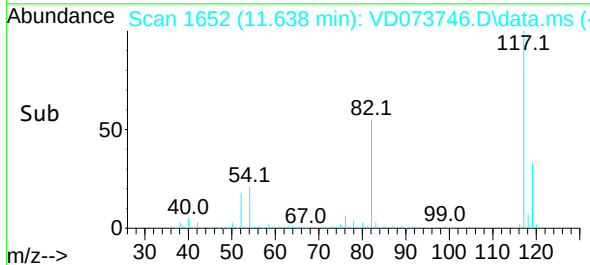
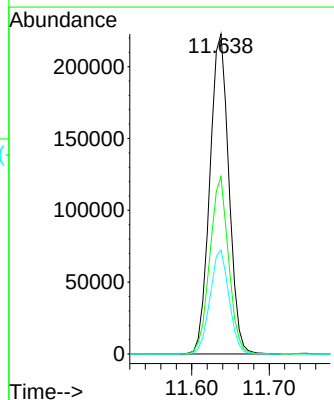
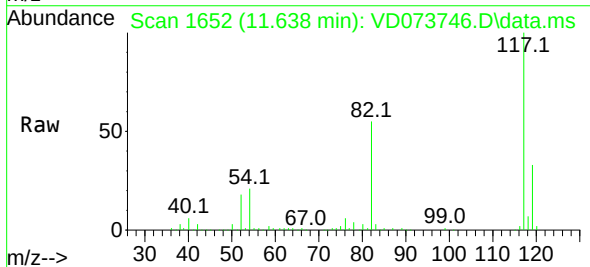
Instrument :
MSVOA_D
ClientSampleId :
SP-EXC-2-2-GR

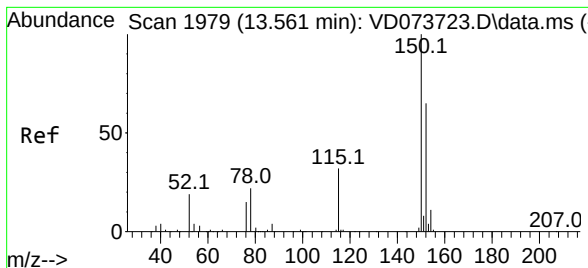
Tgt Ion: 95 Resp: 165352
Ion Ratio Lower Upper
95 100
174 79.9 0.0 158.4
176 77.0 0.0 154.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.006 min
Lab File: VD073746.D
Acq: 28 Jun 2022 12:33

Tgt Ion: 117 Resp: 379566
Ion Ratio Lower Upper
117 100
82 55.4 41.5 62.3
119 32.5 27.1 40.7

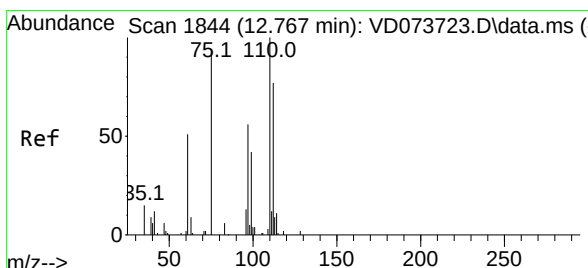
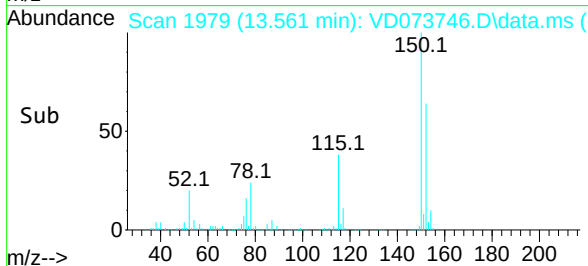
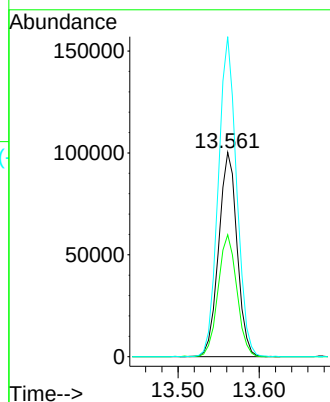
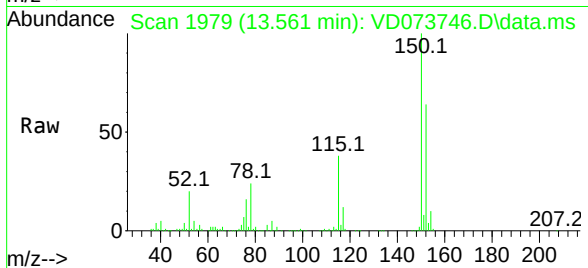




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073746.D
 Acq: 28 Jun 2022 12:33

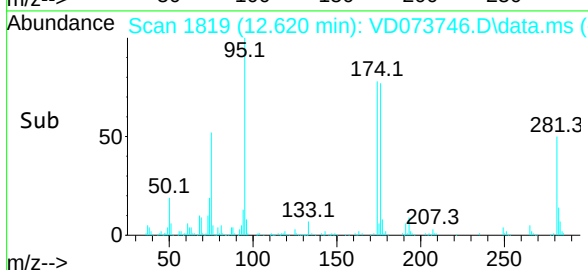
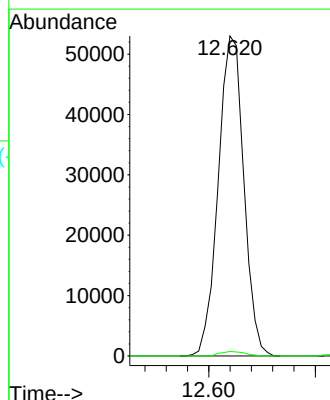
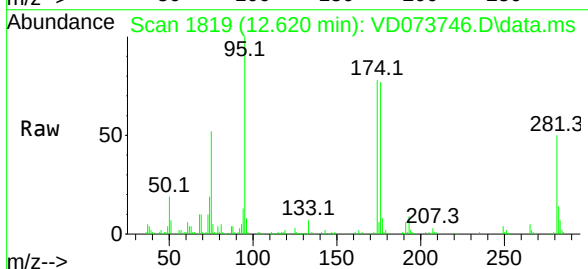
Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2-GR

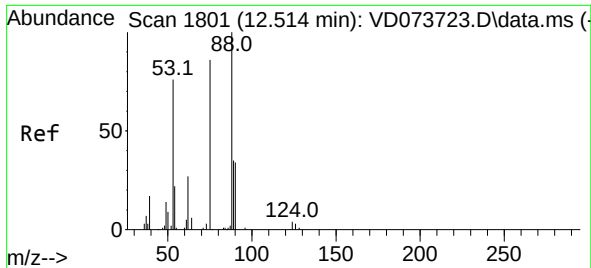
Tgt Ion:152 Resp: 158061
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.6 91.6
 150 156.1 0.0 355.0



#76
 1,2,3-Trichloropropane
 Concen: 74.483 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073746.D
 Acq: 28 Jun 2022 12:33

Tgt Ion: 75 Resp: 88079
 Ion Ratio Lower Upper
 75 100
 77 1.4 195.3 586.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.705 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073746.D
 Acq: 28 Jun 2022 12:33

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-EXC-2-2-GR

Tgt Ion: 75 Resp: 88079
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.0 115.6#
 89 0.9 37.8 56.8#

