

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012022\
 Data File : VD071756.D
 Acq On : 20 Jan 2022 11:24
 Operator : VA/SY
 Sample : VD0120SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL01

Quant Time: Jan 21 03:14:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

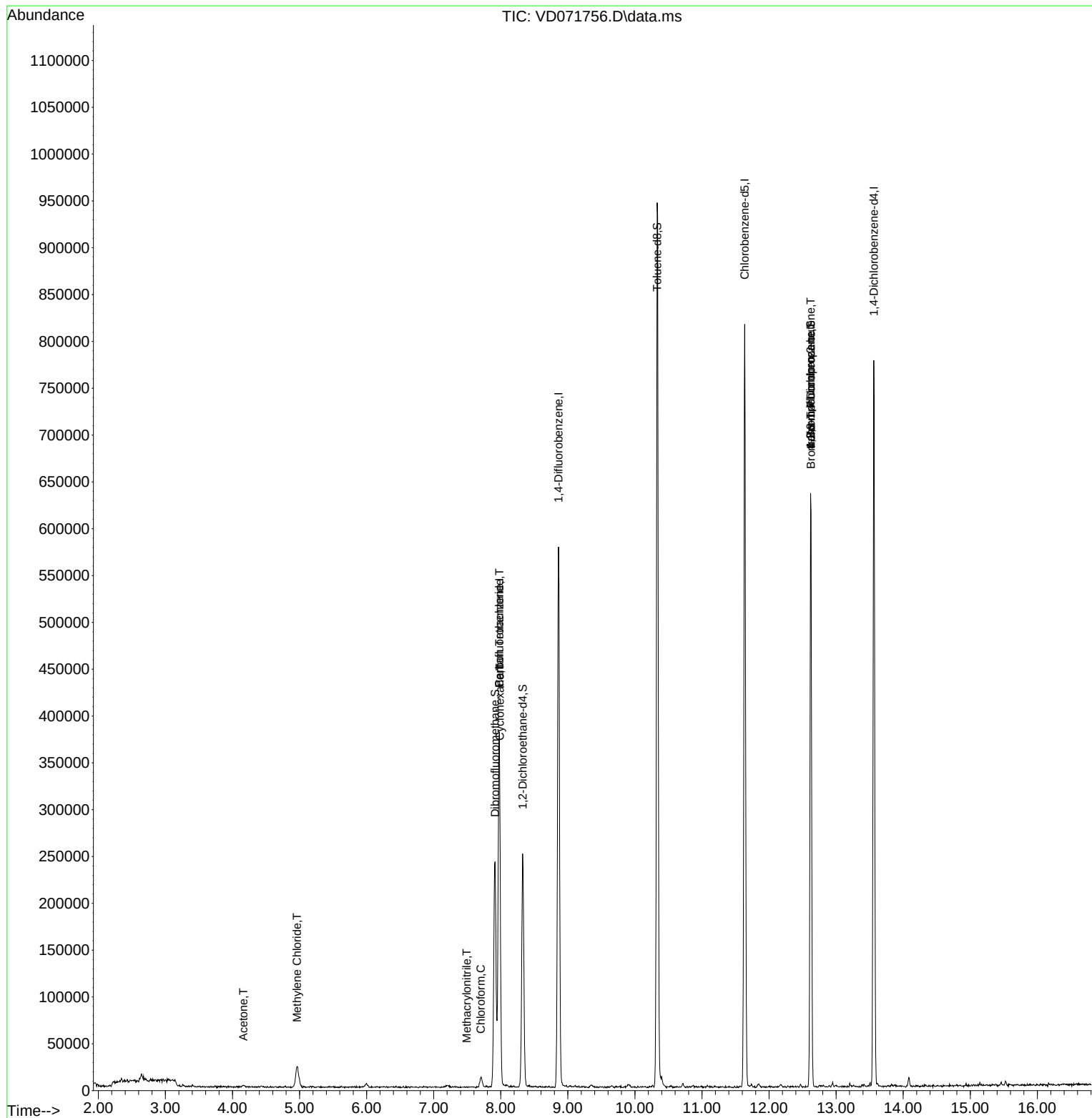
Internal Standards						
1) Pentafluorobenzene	7.979	168	258223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	461348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	423937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	184608	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	196319	59.086	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.180%			
35) Dibromofluoromethane	7.914	113	167736	55.015	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.020%			
50) Toluene-d8	10.332	98	596441	52.259	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.520%			
62) 4-Bromofluorobenzene	12.620	95	189584	47.140	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.280%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	712	Below Cal		98
3) Chloromethane	2.220	50	817	Below Cal	#	81
5) Bromomethane	2.785	94	742	Below Cal		84
11) Tert butyl alcohol	5.179	59	512	Below Cal	#	75
16) Acetone	4.162	43	3124	4.072 ug/l	#	49
18) Methyl Acetate	4.720	43	121	Below Cal	#	56
20) Methylene Chloride	4.961	84	15994	3.179 ug/l		86
30) Chloroform	7.702	83	8915	1.550 ug/l	#	67
31) Cyclohexane	7.985	56	9257	2.321 ug/l	#	46
38) Carbon Tetrachloride	7.979	117	30081	6.830 ug/l	#	19
41) Methacrylonitrile	7.491	41	74	1.189 ug/l	#	25
71) Bromoform	12.626	173	2080	1.385 ug/l	#	1
76) 1,2,3-Trichloropropane	12.620	75	110537	61.966 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.620	75	110537	172.755 ug/l	#	3

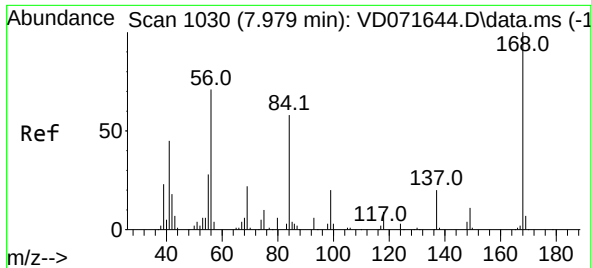
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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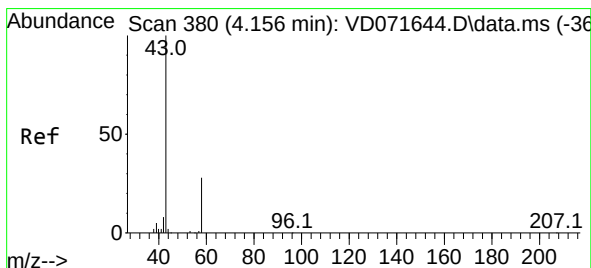
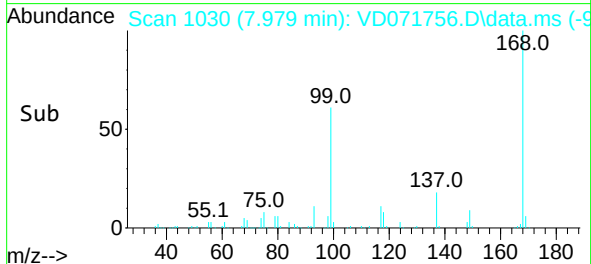
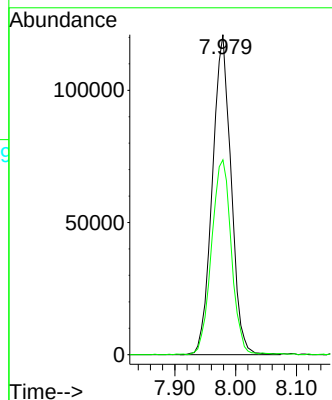
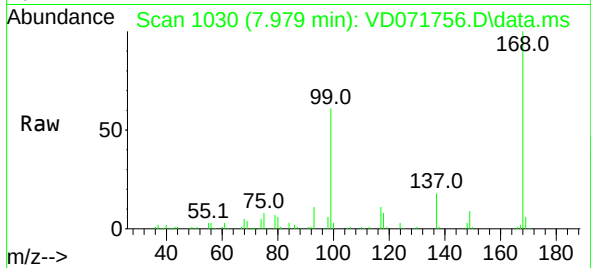




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

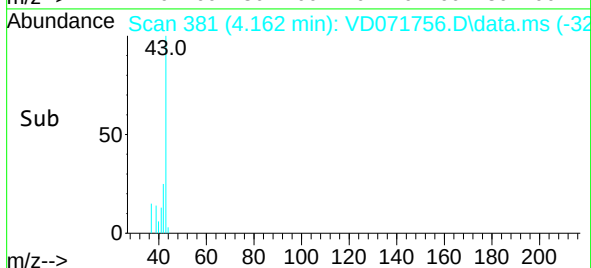
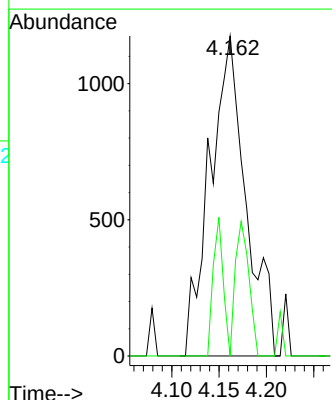
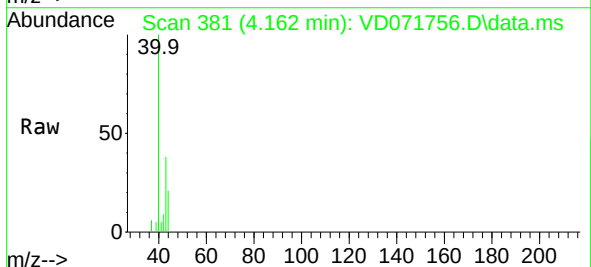
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

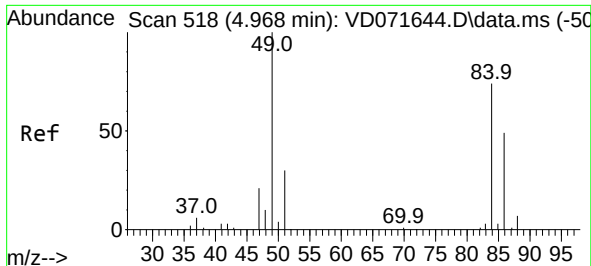
Tgt Ion:168 Resp: 258223
Ion Ratio Lower Upper
168 100
99 60.7 51.8 77.6



#16
Acetone
Concen: 4.072 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

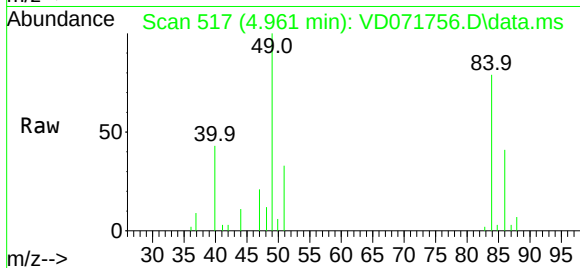
Tgt Ion: 43 Resp: 3124
Ion Ratio Lower Upper
43 100
58 0.0 21.0 31.6#



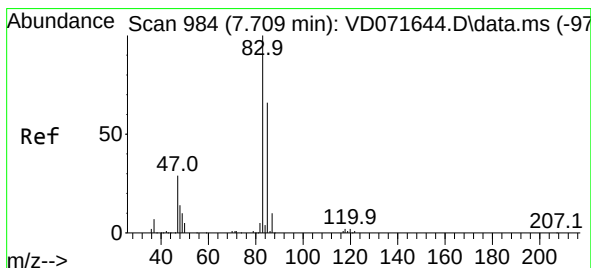
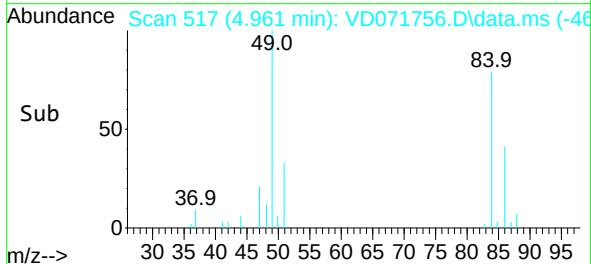
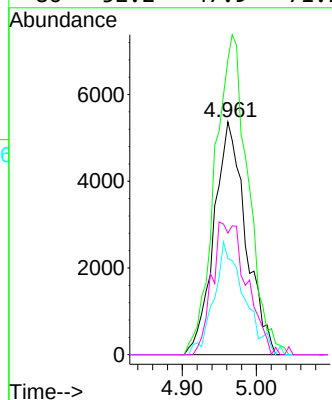


#20
Methylene Chloride
Concen: 3.179 ug/l
RT: 4.961 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

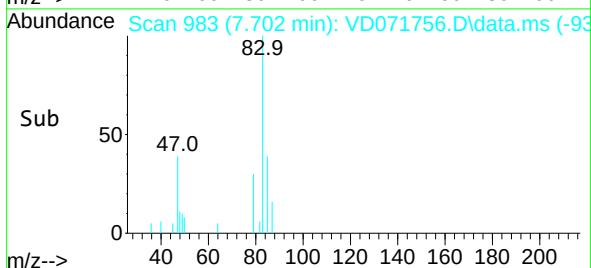
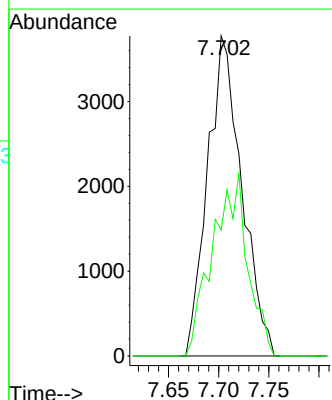
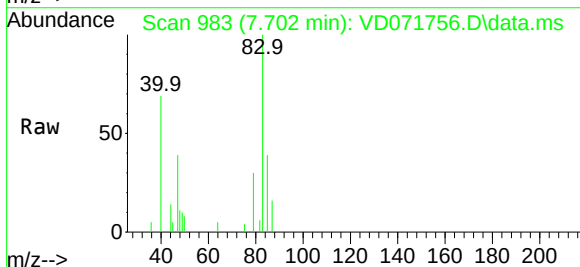


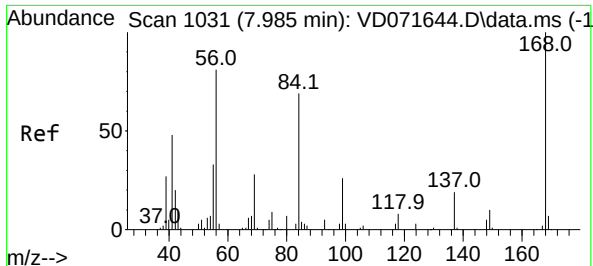
Tgt Ion:	84	Resp:	15994
Ion	Ratio	Lower	Upper
84	100		
49	126.6	118.6	178.0
51	41.3	37.8	56.6
86	52.2	47.9	71.9



#30
Chloroform
Concen: 1.550 ug/l
RT: 7.702 min Scan# 983
Delta R.T. -0.012 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion:	83	Resp:	8915
Ion	Ratio	Lower	Upper
83	100		
85	39.4	52.4	78.6#





#31

Cyclohexane

Concen: 2.321 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD071756.D

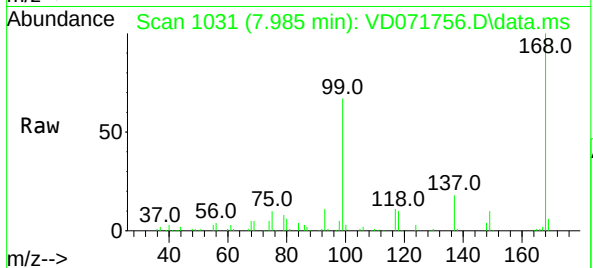
Acq: 20 Jan 2022 11:24

Instrument :

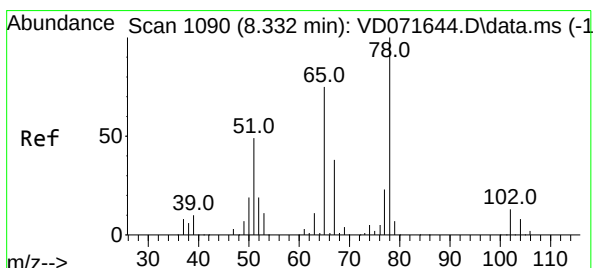
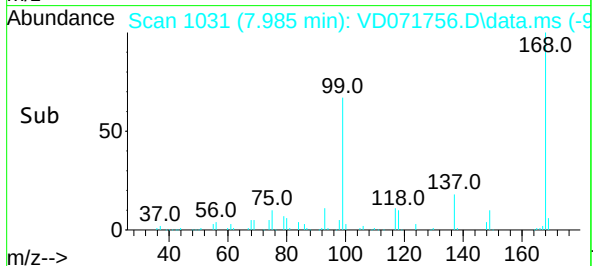
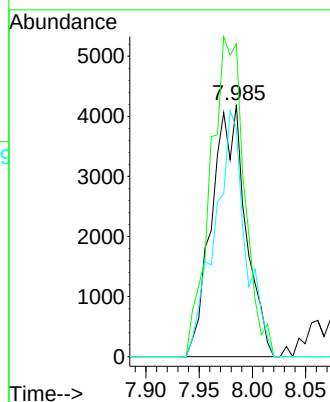
MSVOA_D

ClientSampleId :

VD0120SBL01



Tgt Ion:	56	Resp:	9257
Ion	Ratio	Lower	Upper
56	100		
69	124.3	21.7	32.5#
84	90.8	65.7	98.5



#33

1,2-Dichloroethane-d4

Concen: 59.086 ug/l

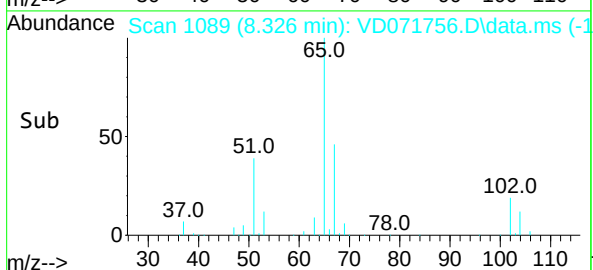
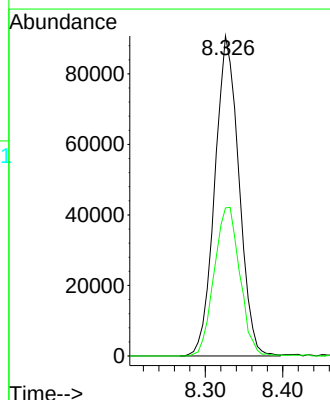
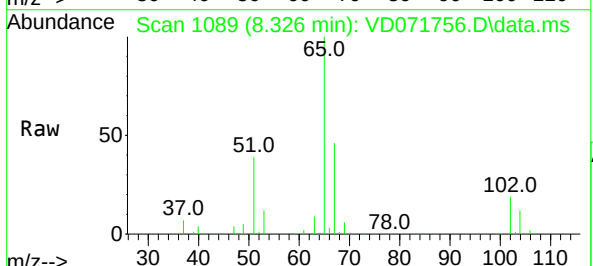
RT: 8.326 min Scan# 1089

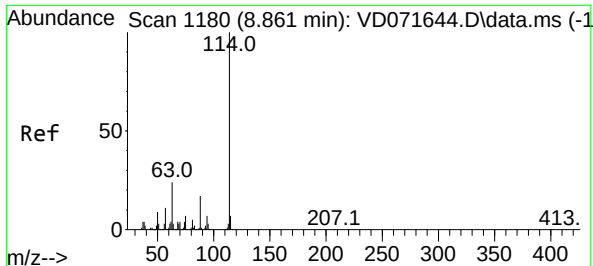
Delta R.T. -0.006 min

Lab File: VD071756.D

Acq: 20 Jan 2022 11:24

Tgt Ion:	65	Resp:	196319
Ion	Ratio	Lower	Upper
65	100		
67	49.4	0.0	101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071756.D

Acq: 20 Jan 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

VD0120SBL01

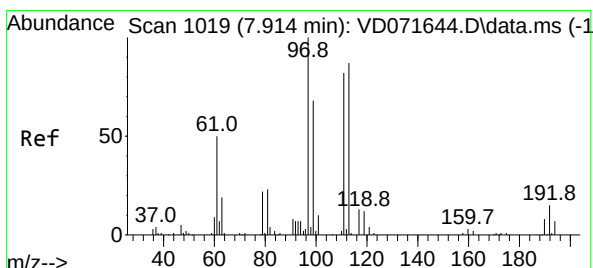
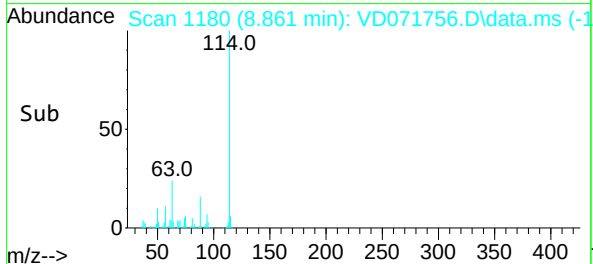
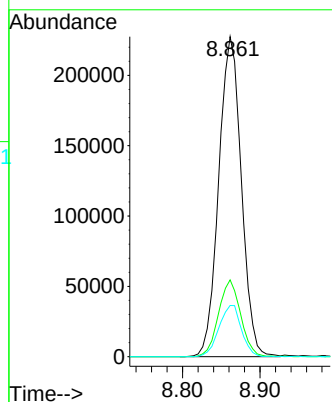
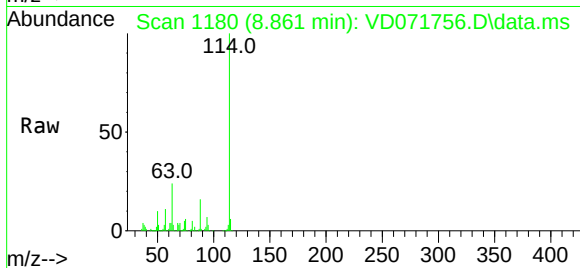
Tgt Ion:114 Resp: 461348

Ion Ratio Lower Upper

114 100

63 24.0 0.0 46.2

88 16.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 55.015 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071756.D

Acq: 20 Jan 2022 11:24

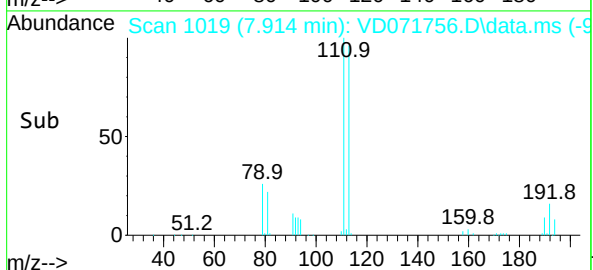
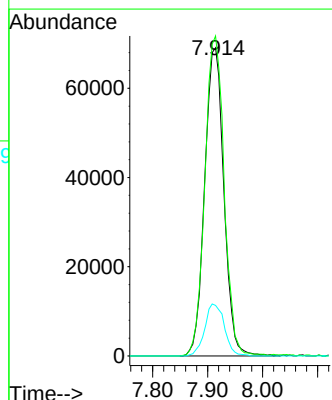
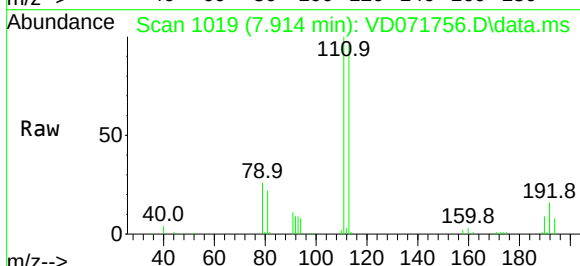
Tgt Ion:113 Resp: 167736

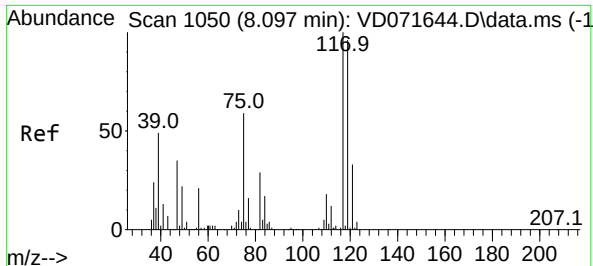
Ion Ratio Lower Upper

113 100

111 104.4 82.2 123.4

192 17.3 14.2 21.2

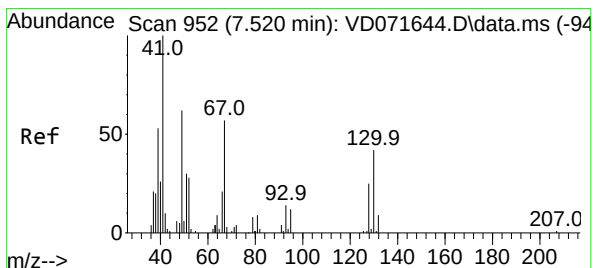
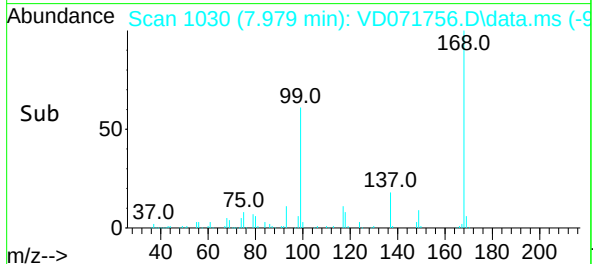
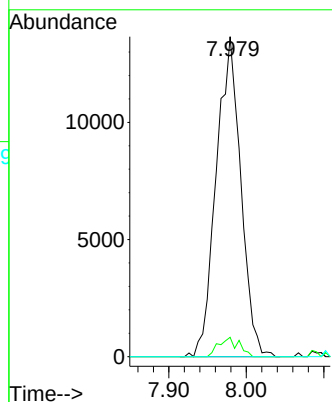
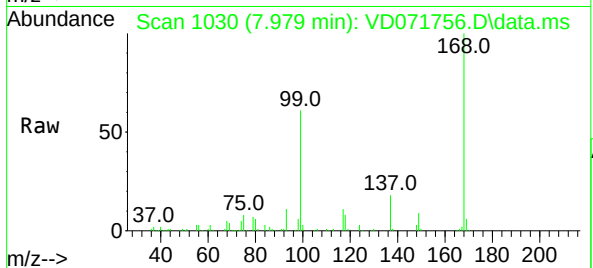




#38
Carbon Tetrachloride
Concen: 6.830 ug/l
RT: 7.979 min Scan# 1050
Delta R.T. -0.117 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

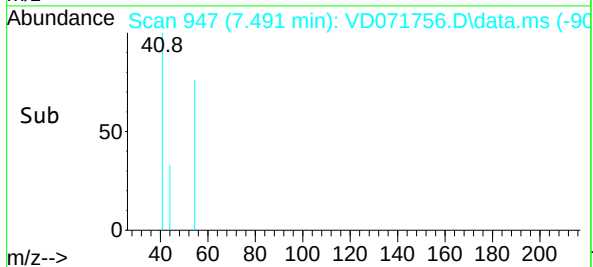
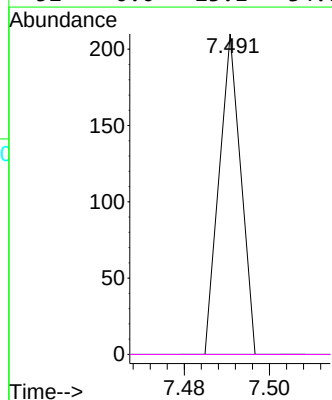
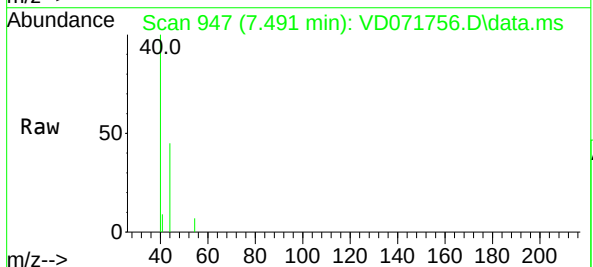
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

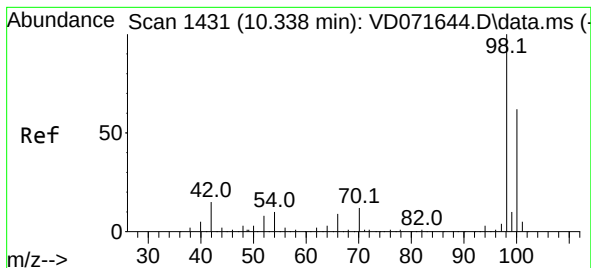
Tgt Ion:117 Resp: 30081
Ion Ratio Lower Upper
117 100
119 6.1 73.4 110.2#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 1.189 ug/l
RT: 7.491 min Scan# 947
Delta R.T. -0.029 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion: 41 Resp: 74
Ion Ratio Lower Upper
41 100
39 0.0 46.9 70.3#
67 0.0 49.3 73.9#
52 0.0 23.1 34.7#





#50

Toluene-d8

Concen: 52.259 ug/l

RT: 10.332 min Scan# 1431

Delta R.T. -0.005 min

Lab File: VD071756.D

Acq: 20 Jan 2022 11:24

Instrument :

MSVOA_D

ClientSampleId :

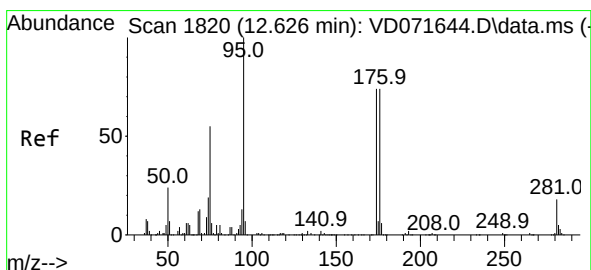
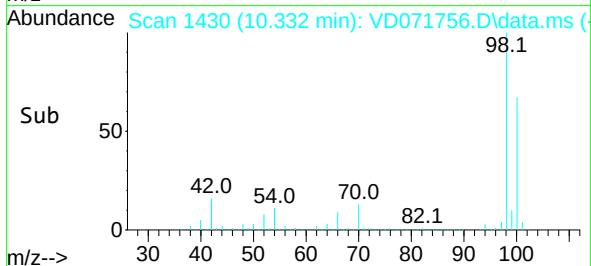
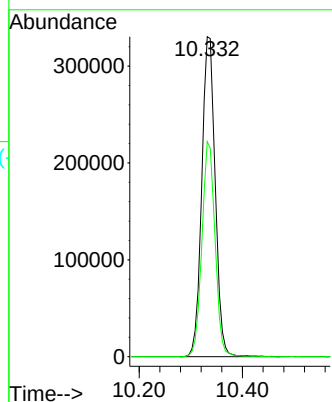
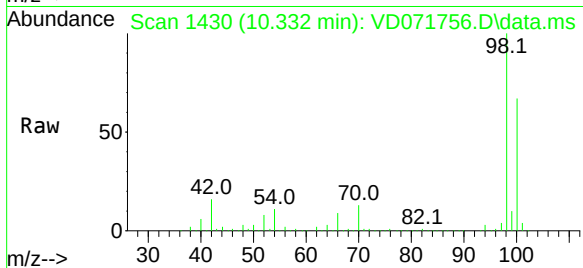
VD0120SBL01

Tgt Ion: 98 Resp: 596441

Ion Ratio Lower Upper

98 100

100 65.8 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 47.140 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.006 min

Lab File: VD071756.D

Acq: 20 Jan 2022 11:24

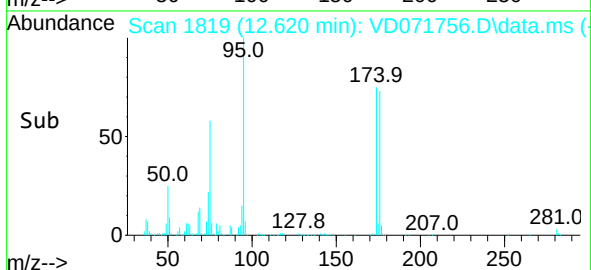
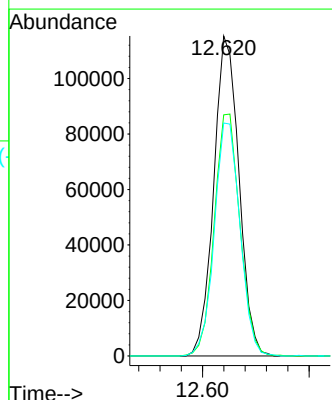
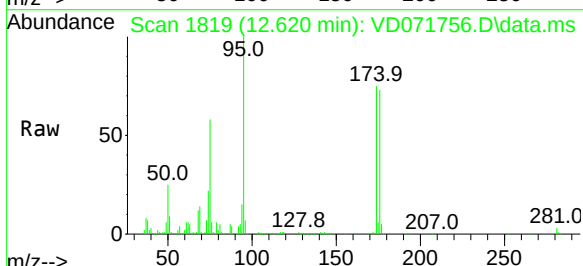
Tgt Ion: 95 Resp: 189584

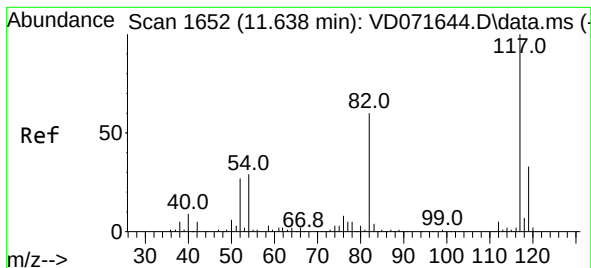
Ion Ratio Lower Upper

95 100

174 77.0 0.0 150.0

176 74.1 0.0 146.4

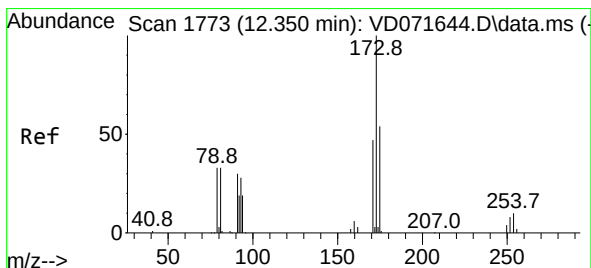
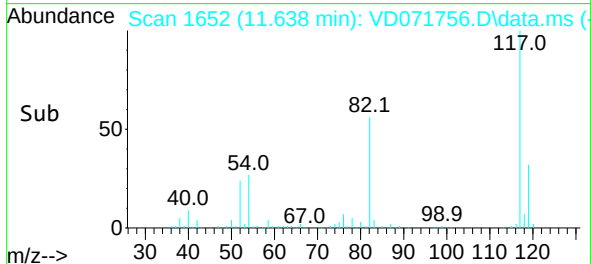
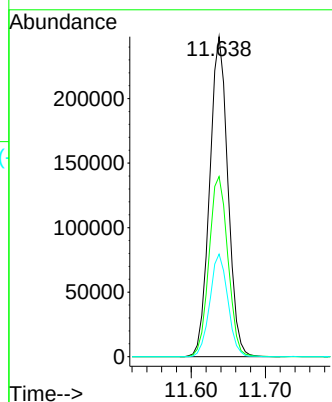
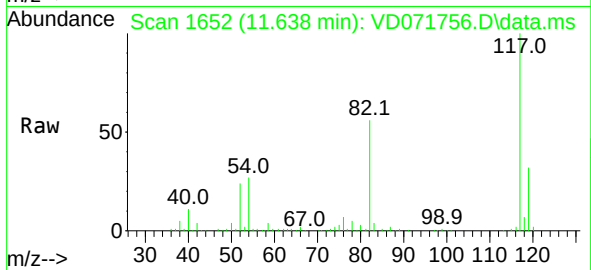




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

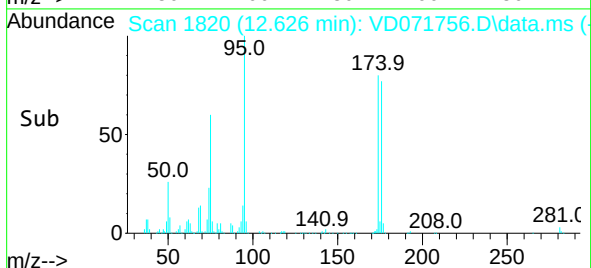
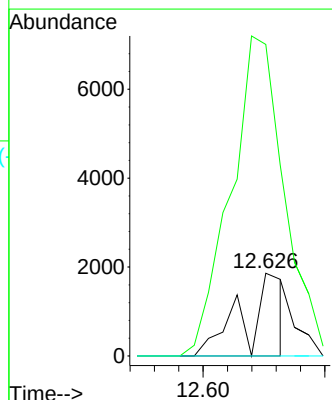
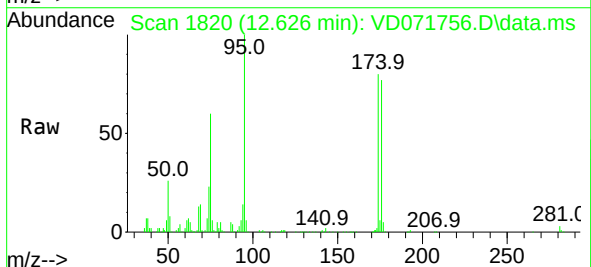
Instrument :
MSVOA_D
ClientSampleId :
VD0120SBL01

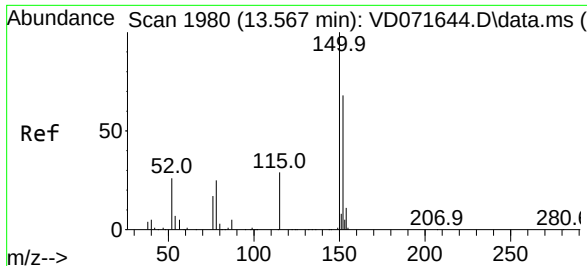
Tgt Ion:117 Resp: 423937
Ion Ratio Lower Upper
117 100
82 56.3 46.9 70.3
119 32.1 26.6 39.8



#71
Bromoform
Concen: 1.385 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.271 min
Lab File: VD071756.D
Acq: 20 Jan 2022 11:24

Tgt Ion:173 Resp: 2080
Ion Ratio Lower Upper
173 100
175 464.6 24.4 73.2#
254 0.0 0.1 0.1#

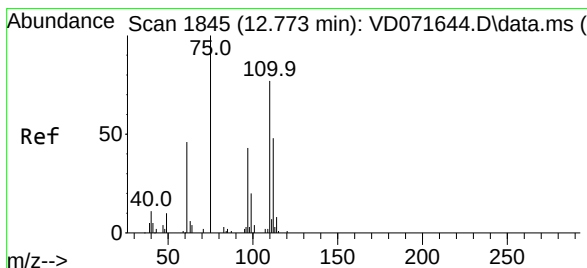
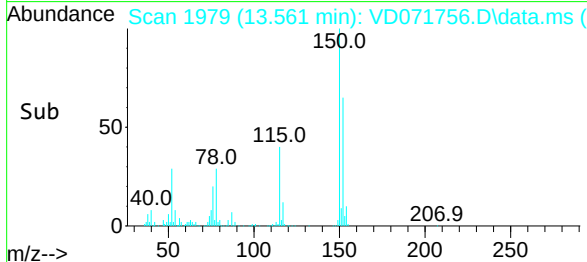
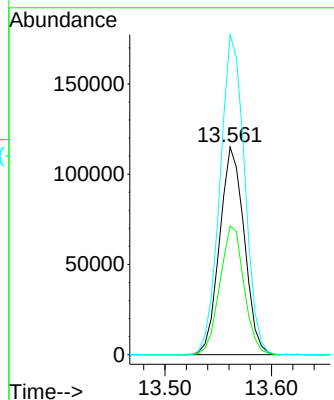
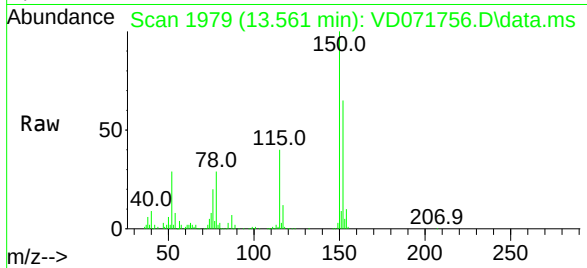




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1819
 Delta R.T. -0.006 min
 Lab File: VD071756.D
 Acq: 20 Jan 2022 11:24

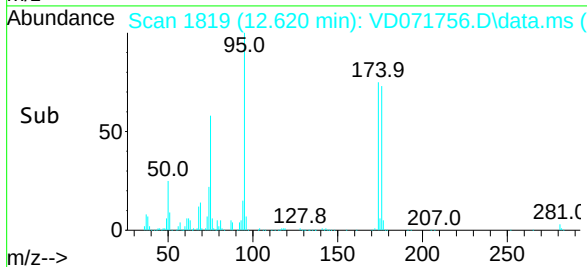
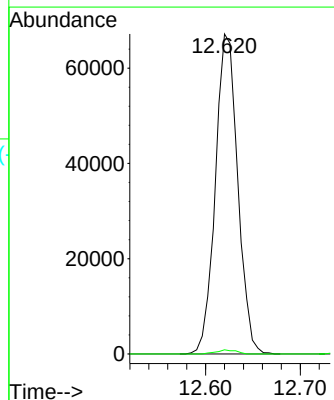
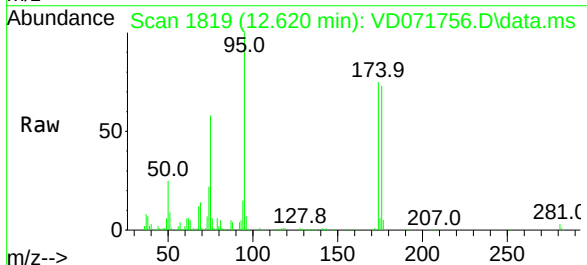
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL01

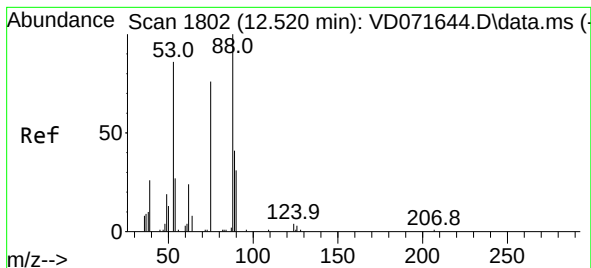
Tgt Ion:152 Resp: 184608
 Ion Ratio Lower Upper
 152 100
 115 60.8 31.5 94.5
 150 154.3 0.0 348.0



#76
 1,2,3-Trichloropropane
 Concen: 61.966 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.153 min
 Lab File: VD071756.D
 Acq: 20 Jan 2022 11:24

Tgt Ion: 75 Resp: 110537
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 172.755 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD071756.D
 Acq: 20 Jan 2022 11:24

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0120SBL01

Tgt Ion: 75 Resp: 110537
 Ion Ratio Lower Upper
 75 100
 53 0.0 95.4 143.0#
 89 0.1 37.2 55.8#

