

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050522\
 Data File : VD072808.D
 Acq On : 05 May 2022 14:18
 Operator : VA/SY
 Sample : N2672-01
 Misc : 5.67G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 01

Quant Time: May 06 03:48:48 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)

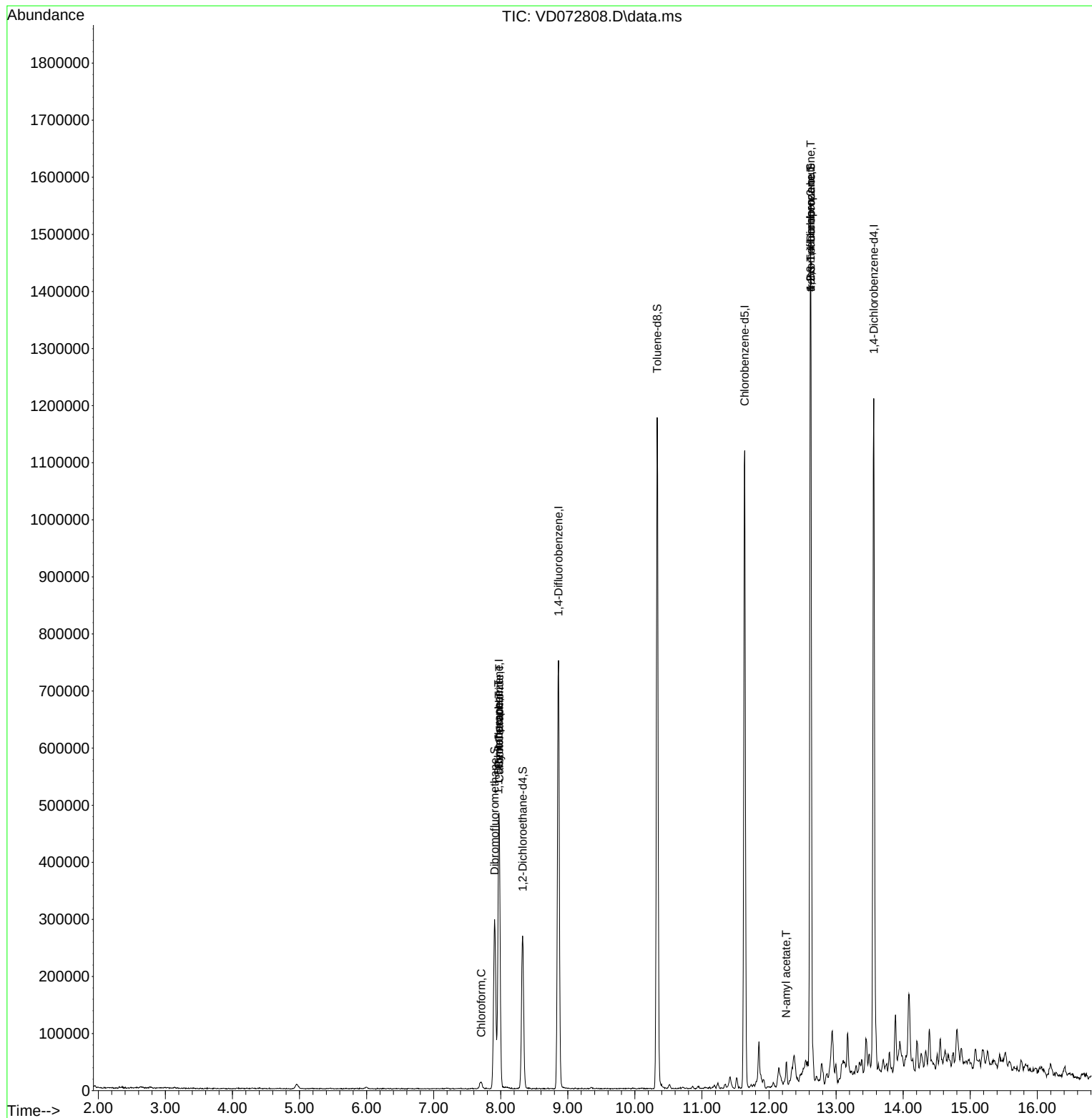
Internal Standards						
1) Pentafluorobenzene	7.973	168	347116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	634131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	311143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	212558	47.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.340%
35) Dibromofluoromethane	7.908	113	216244	48.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.540%
50) Toluene-d8	10.332	98	775035	48.730	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.460%
62) 4-Bromofluorobenzene	12.620	95	314924	53.103	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.200%
Target Compounds						
5) Bromomethane	2.785	94	1647	Below Cal	#	69
16) Acetone	4.150	43	537	Below Cal	#	47
18) Methyl Acetate	4.915	43	53	Below Cal	#	55
20) Methylene Chloride	4.956	84	6274	Below Cal		91
30) Chloroform	7.708	83	11050	1.169	ug/l	98
31) Cyclohexane	7.973	56	9121	1.158	ug/l #	21
36) 1,1-Dichloropropene	7.967	75	30058	4.169	ug/l #	51
38) Carbon Tetrachloride	7.979	117	36639	4.896	ug/l #	15
74) N-amyl acetate	12.255	43	8854	1.469	ug/l #	65
76) 1,2,3-Trichloropropane	12.620	75	169418	48.831	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	169418	112.292	ug/l #	7

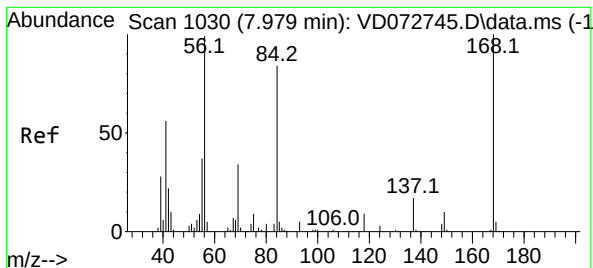
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

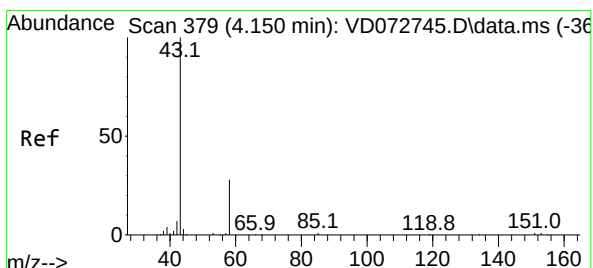
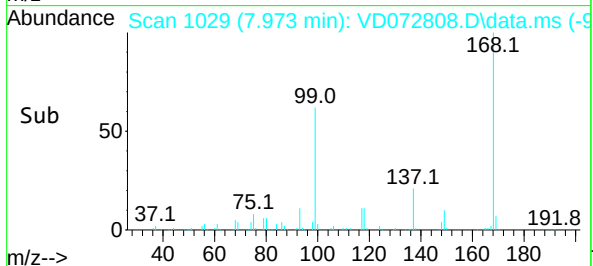
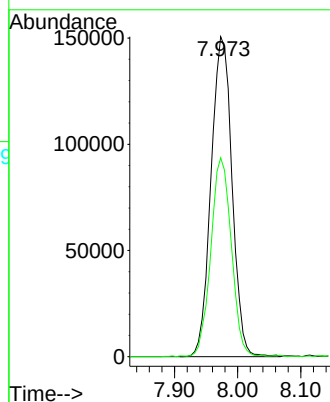
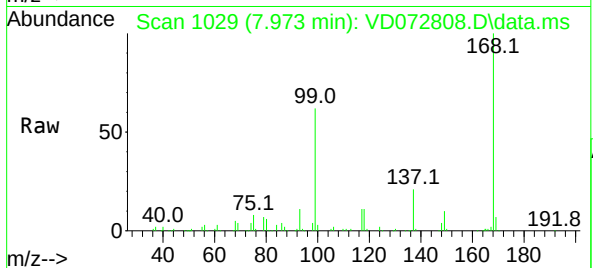




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

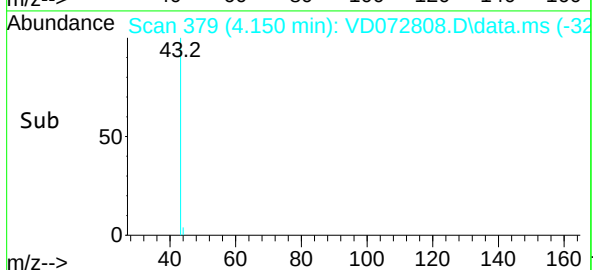
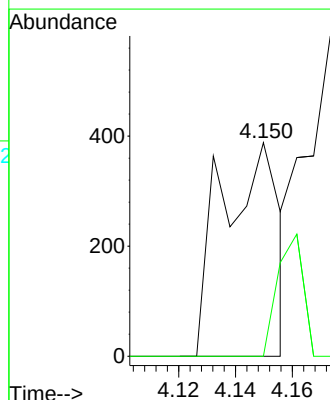
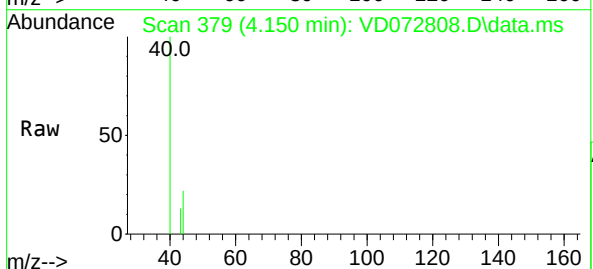
Instrument :
MSVOA_D
ClientSampleId :
01

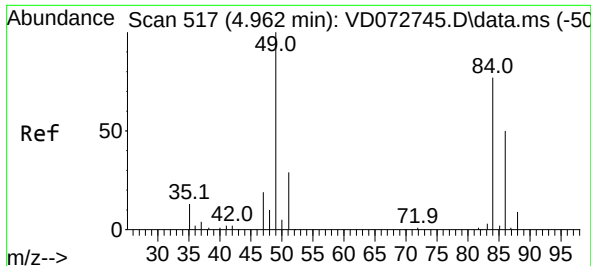
Tgt Ion:168 Resp: 347116
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#16
Acetone
Concen: Below Cal
RT: 4.150 min Scan# 379
Delta R.T. -0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 43 Resp: 537
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



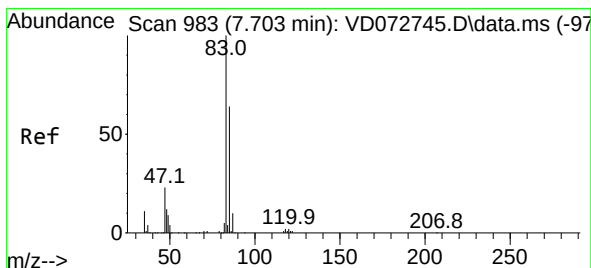
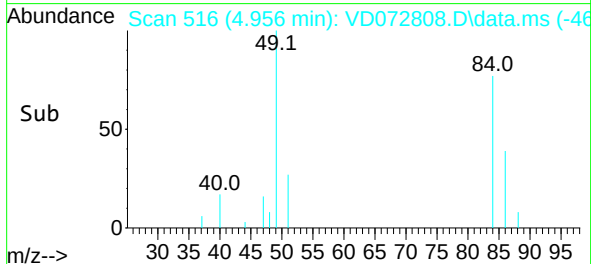
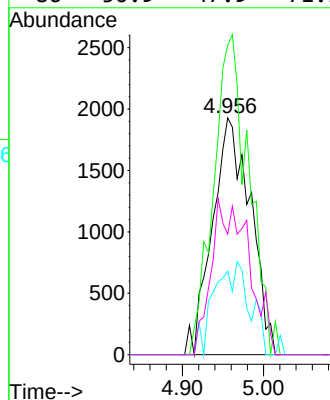
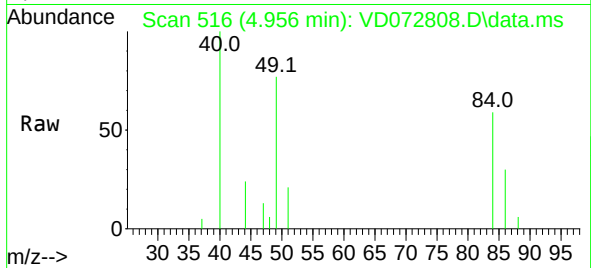


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Instrument :
MSVOA_D
ClientSampleId :
01

Tgt Ion: 84 Resp: 6274

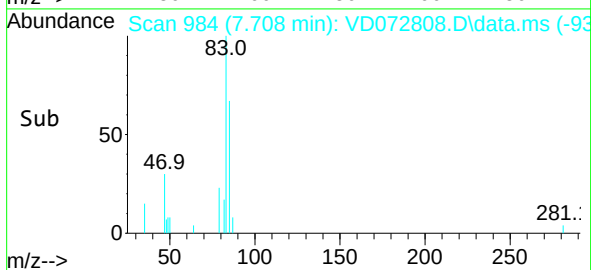
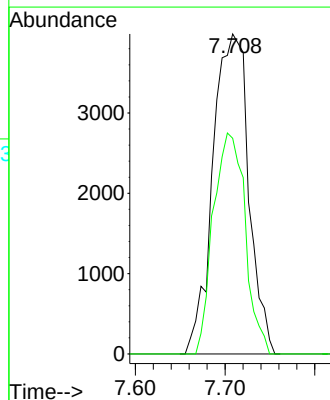
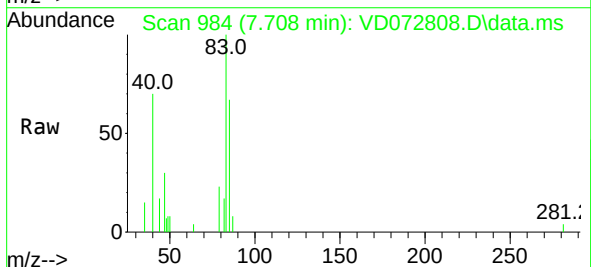
Ion	Ratio	Lower	Upper
84	100		
49	130.6	112.8	169.2
51	35.4	32.6	48.8
86	50.9	47.9	71.9

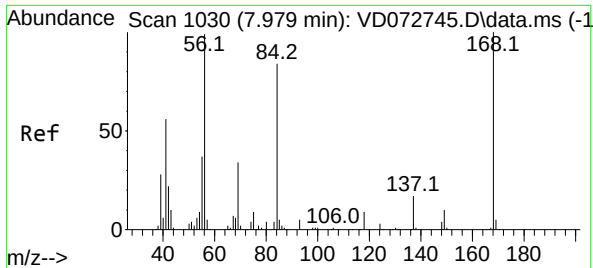


#30
Chloroform
Concen: 1.169 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.005 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 83 Resp: 11050

Ion	Ratio	Lower	Upper
83	100		
85	67.4	52.7	79.1

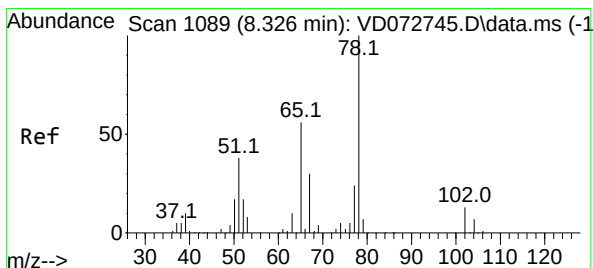
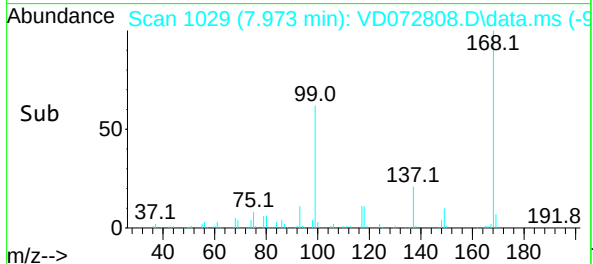
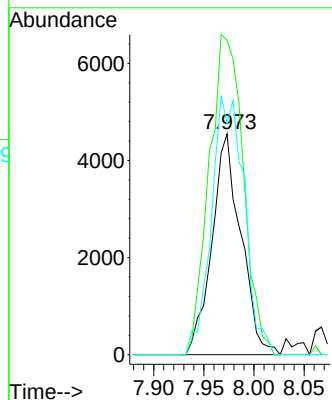
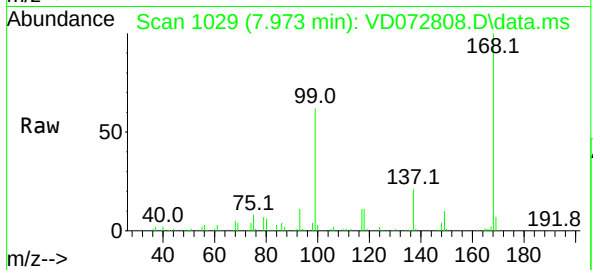




#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

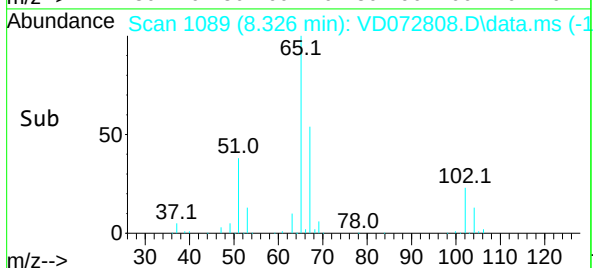
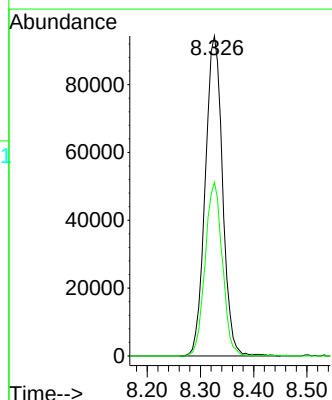
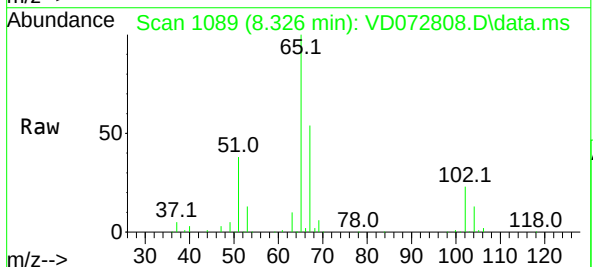
Instrument :
MSVOA_D
ClientSampleId :
01

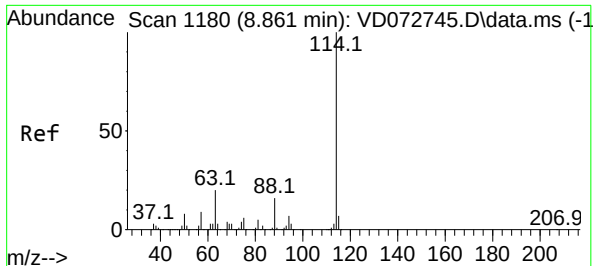
Tgt Ion: 56 Resp: 9121
Ion Ratio Lower Upper
56 100
69 142.5 25.4 38.2#
84 104.7 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 47.174 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 65 Resp: 212558
Ion Ratio Lower Upper
65 100
67 53.8 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: VD072808.D

Acq: 05 May 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

01

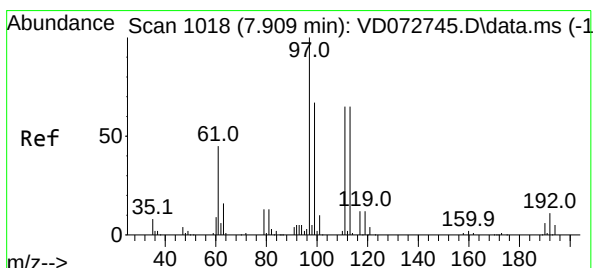
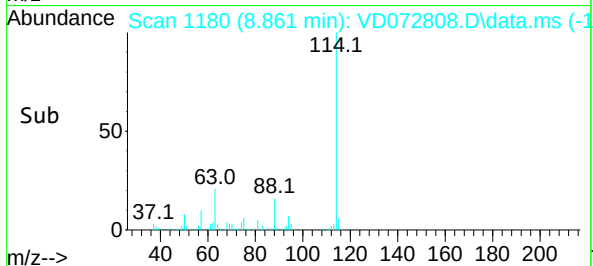
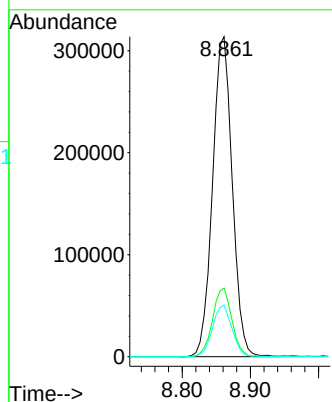
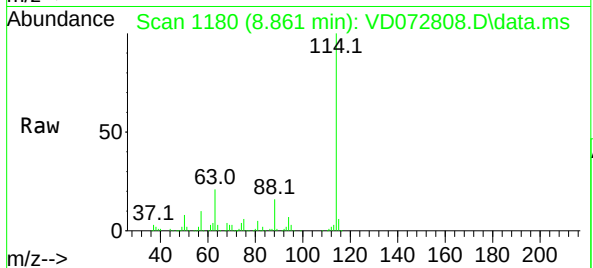
Tgt Ion:114 Resp: 631330

Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.771 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072808.D

Acq: 05 May 2022 14:18

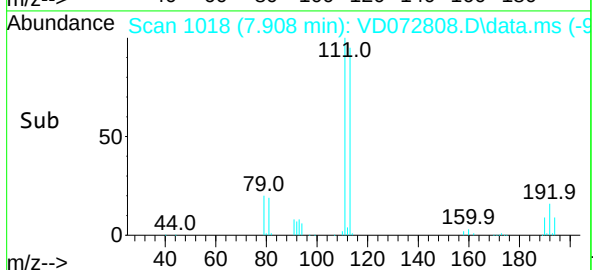
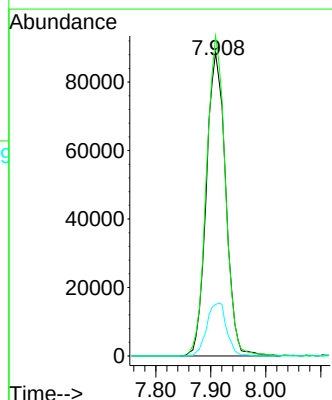
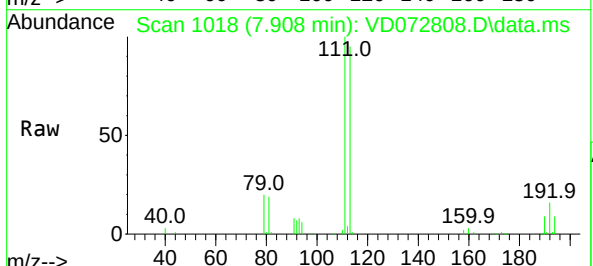
Tgt Ion:113 Resp: 216244

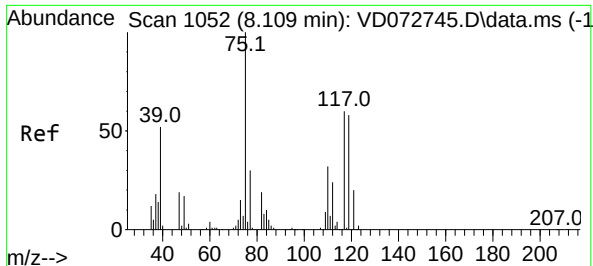
Ion Ratio Lower Upper

113 100

111 103.5 83.8 125.6

192 17.9 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.169 ug/l

RT: 7.967 min Scan# 1

Delta R.T. -0.142 min

Lab File: VD072808.D

Acq: 05 May 2022 14:18

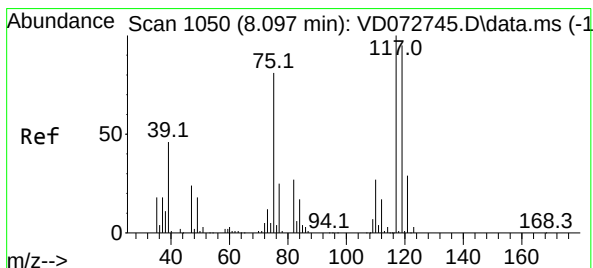
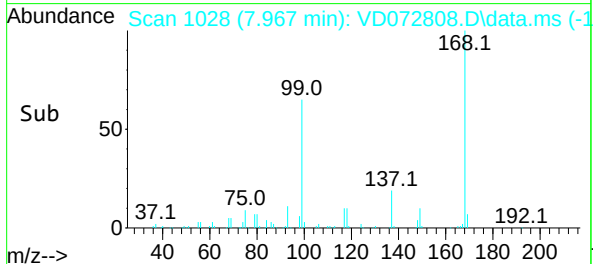
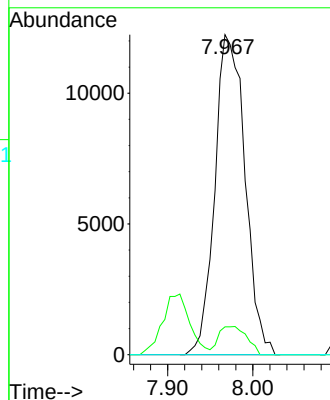
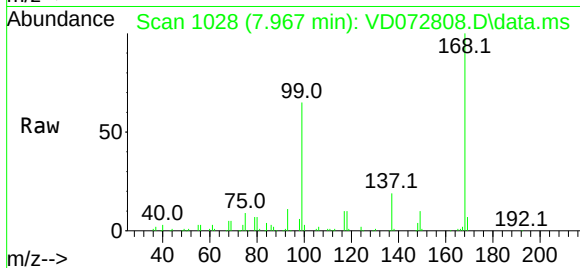
Instrument :

MSVOA_D

ClientSampleId :

01

Tgt Ion: 75 Resp: 30058
 Ion Ratio Lower Upper
 75 100
 110 8.3 16.4 49.1#
 77 0.0 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.896 ug/l

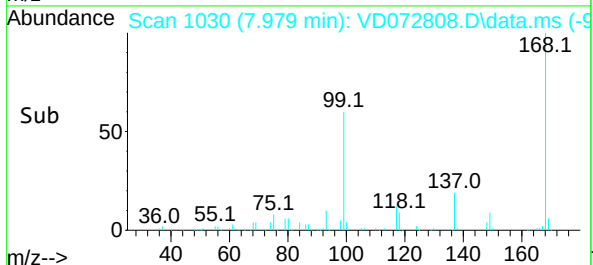
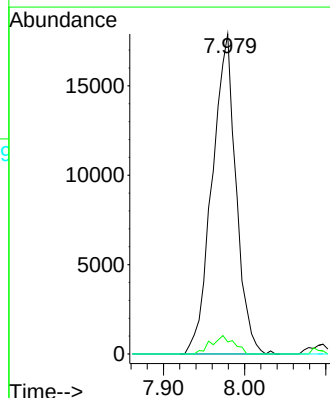
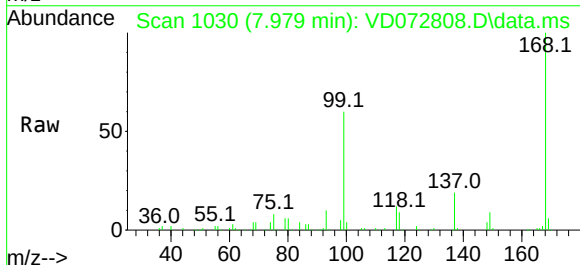
RT: 7.979 min Scan# 1030

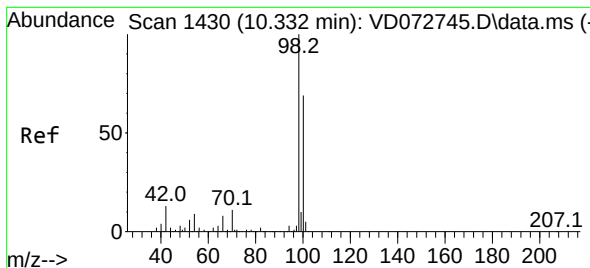
Delta R.T. -0.118 min

Lab File: VD072808.D

Acq: 05 May 2022 14:18

Tgt Ion: 117 Resp: 36639
 Ion Ratio Lower Upper
 117 100
 119 3.8 75.8 113.6#
 121 0.0 24.5 36.7#

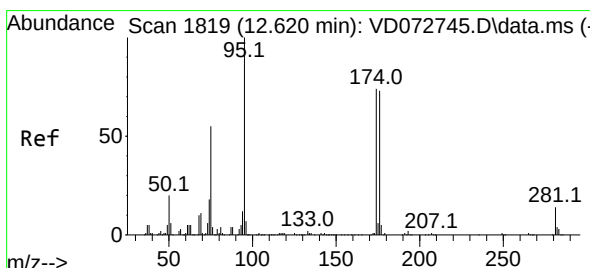
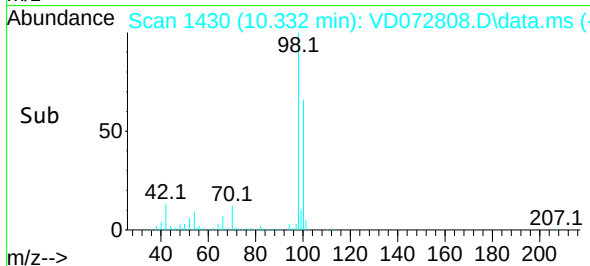
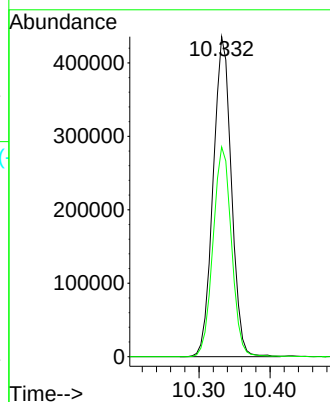
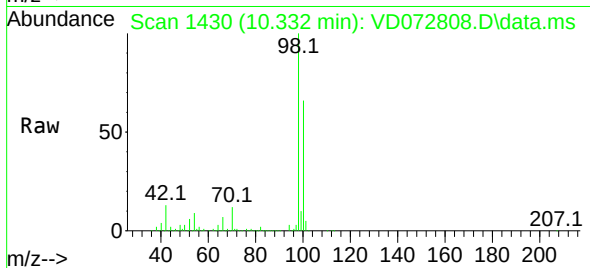




#50
Toluene-d8
Concen: 48.730 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

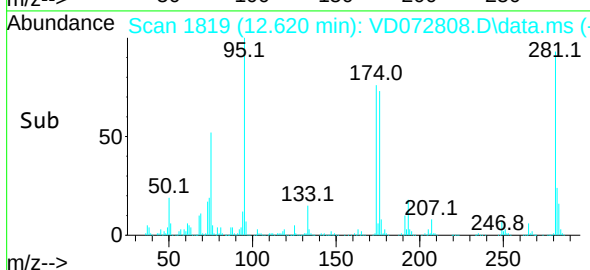
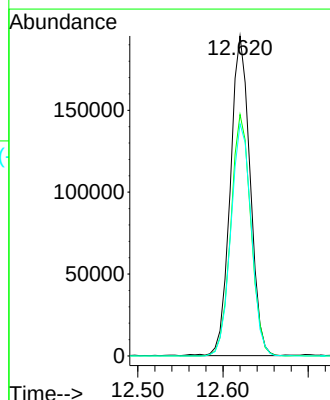
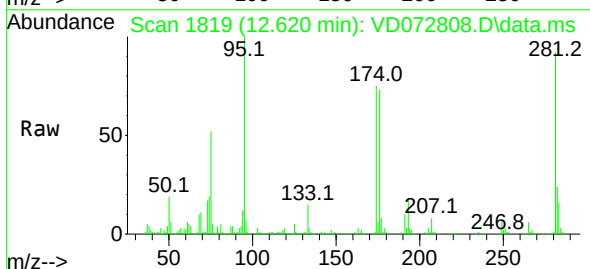
Instrument :
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ClientSampleId :
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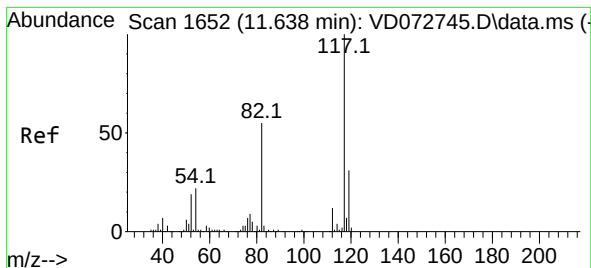
Tgt Ion: 98 Resp: 775035
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.103 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

Tgt Ion: 95 Resp: 314924
Ion Ratio Lower Upper
95 100
174 76.3 0.0 152.8
176 74.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072808.D

Acq: 05 May 2022 14:18

Instrument :

MSVOA_D

ClientSampleId :

01

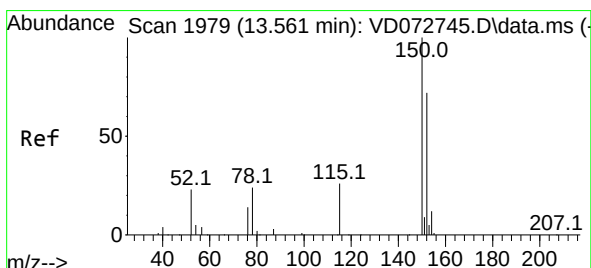
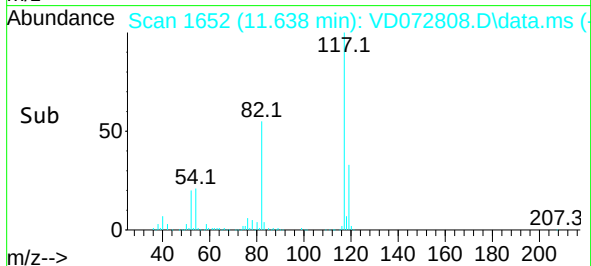
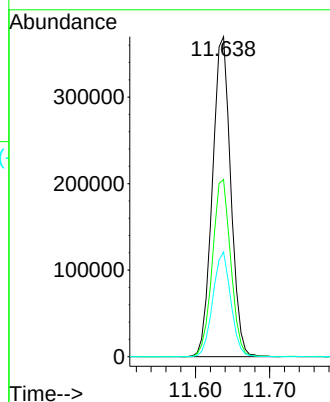
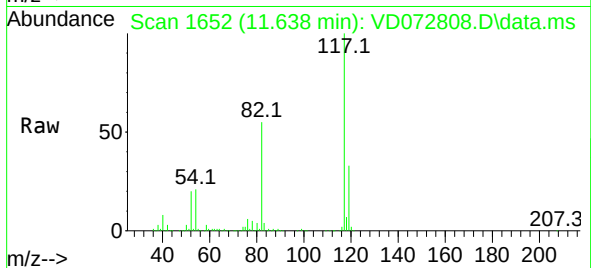
Tgt Ion:117 Resp: 634131

Ion Ratio Lower Upper

117 100

82 55.3 45.3 67.9

119 32.7 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: VD072808.D

Acq: 05 May 2022 14:18

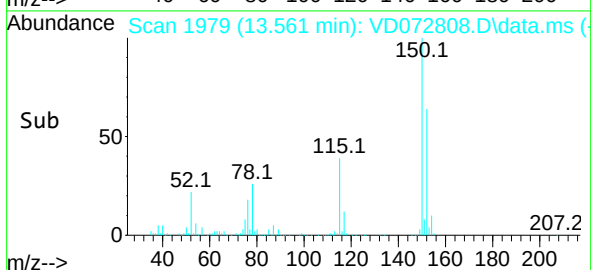
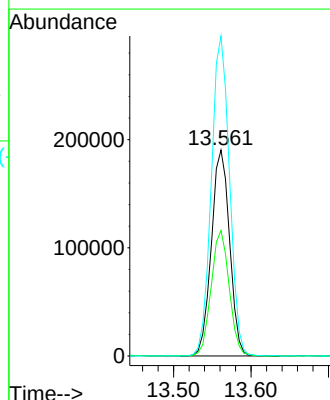
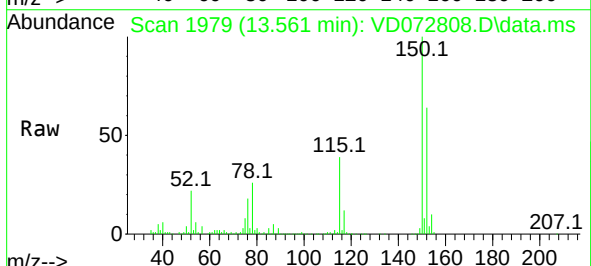
Tgt Ion:152 Resp: 311143

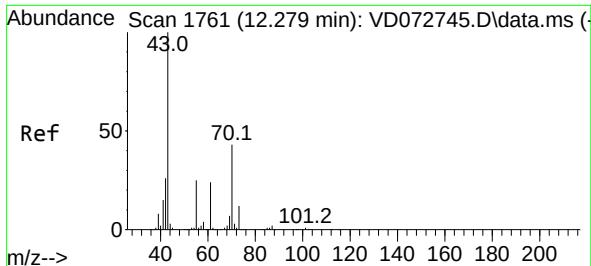
Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 154.7 0.0 348.6

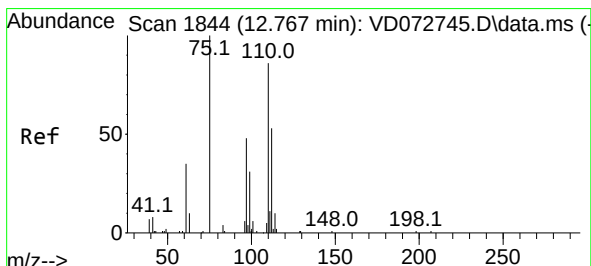
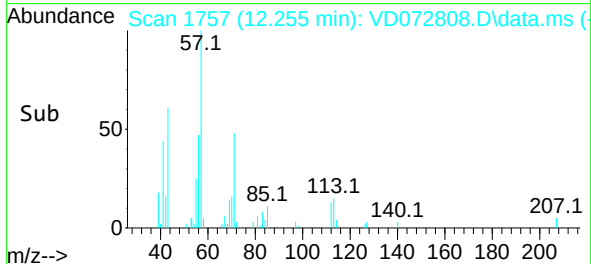
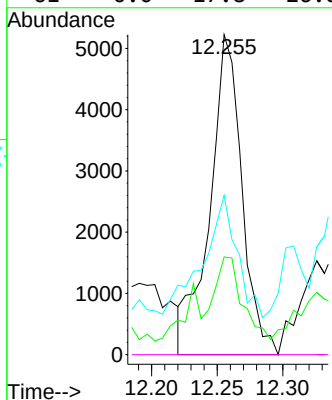
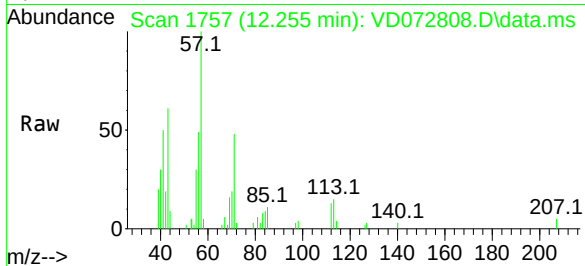




#74
N-amy1 acetate
Concen: 1.469 ug/l
RT: 12.255 min Scan# 1819
Delta R.T. -0.024 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

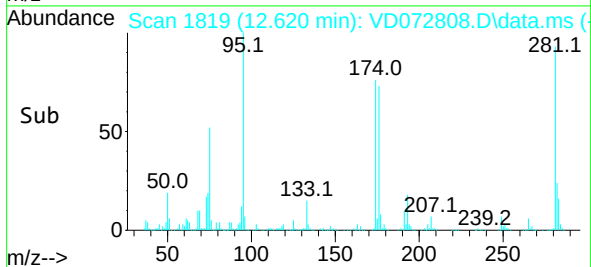
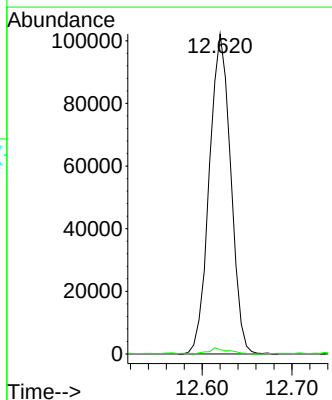
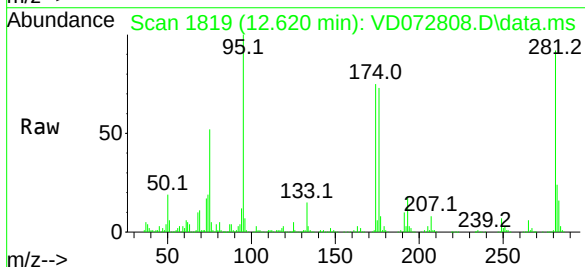
Instrument :
MSVOA_D
ClientSampleId :
01

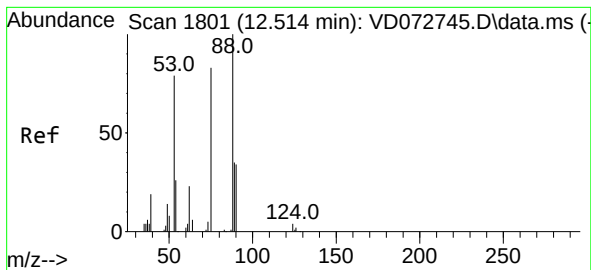
Tgt Ion: 43	Resp: 8854
Ion Ratio	Lower Upper
43 100	
70 22.0	31.3 46.9#
55 43.5	20.0 30.0#
61 0.0	17.8 26.8#



#76
1,2,3-Trichloropropane
Concen: 48.831 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072808.D
Acq: 05 May 2022 14:18

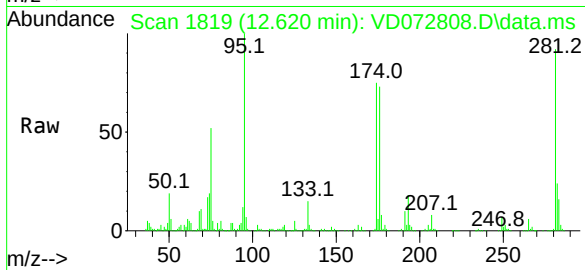
Tgt Ion: 75	Resp: 169418
Ion Ratio	Lower Upper
75 100	
77 1.8	0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 112.292 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072808.D
 Acq: 05 May 2022 14:18

Instrument :
 MSVOA_D
 ClientSampleId :
 01



Tgt Ion: 75 Resp: 169418
 Ion Ratio Lower Upper
 75 100
 53 0.2 86.5 129.7#
 89 0.0 33.9 50.9#

