

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074673.D
 Acq On : 28 Oct 2022 15:57
 Operator : VA/SY
 Sample : N5313-14
 Misc : 10.53G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOTAL-VOC-GRAB-2-NW-QUARTER

Quant Time: Oct 29 02:15:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

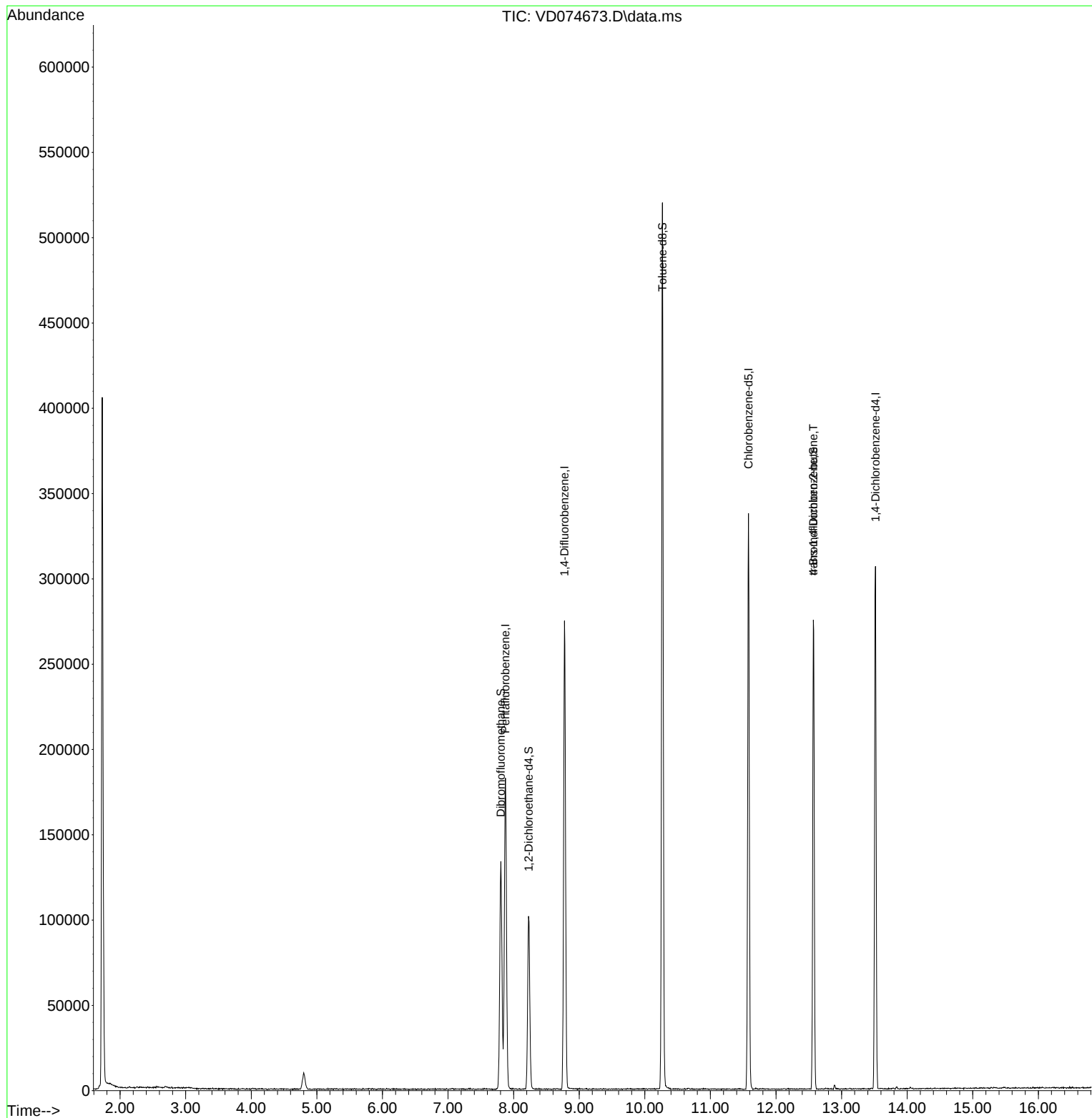
Internal Standards						
1) Pentafluorobenzene	7.875	168	150963	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	265050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	211384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	88173	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	79419	62.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.660%	
35) Dibromofluoromethane	7.805	113	96755	59.782	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.560%	
50) Toluene-d8	10.269	98	363822	58.454	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 116.900%	
62) 4-Bromofluorobenzene	12.569	95	88373	51.699	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.400%	
Target Compounds						Qvalue
81) trans-1,4-Dichloro-2-b...	12.569	75	43206	165.816	ug/l	# 17

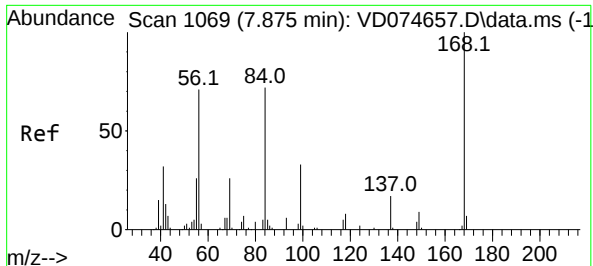
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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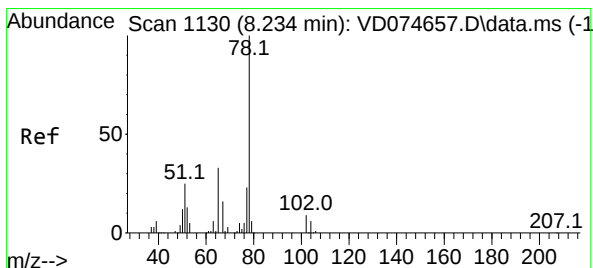
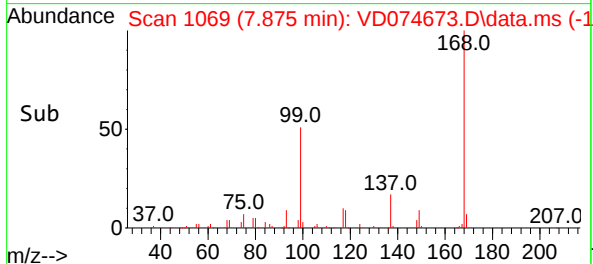
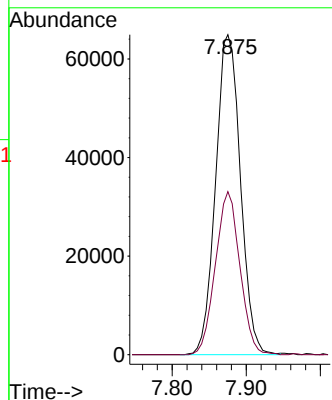
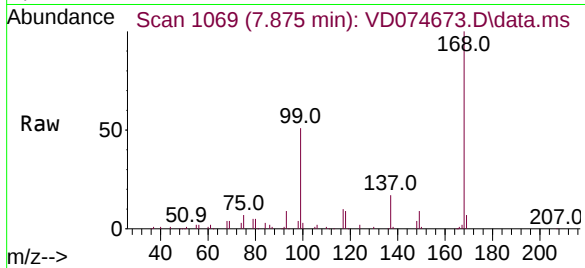




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074673.D
Acq: 28 Oct 2022 15:57

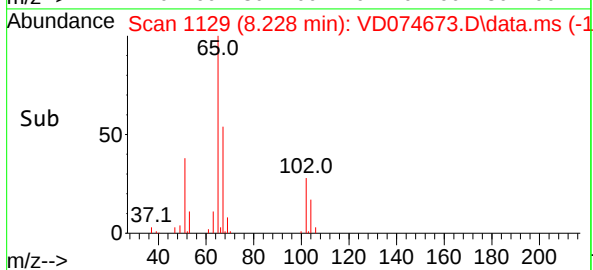
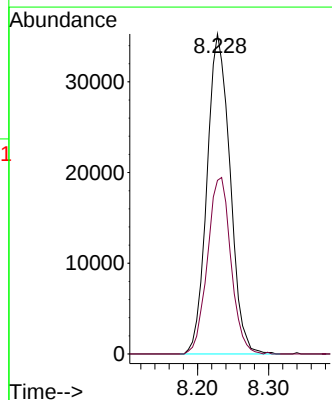
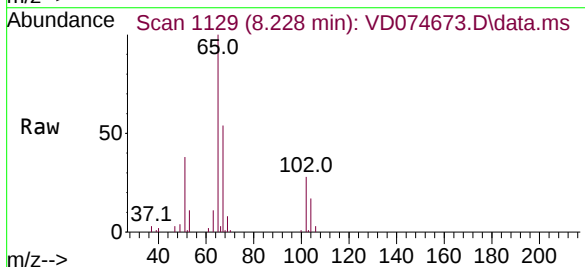
Instrument :
MSVOA_D
ClientSampleId :
TOTAL-VOC-GRAB-2-NW-QUARTER

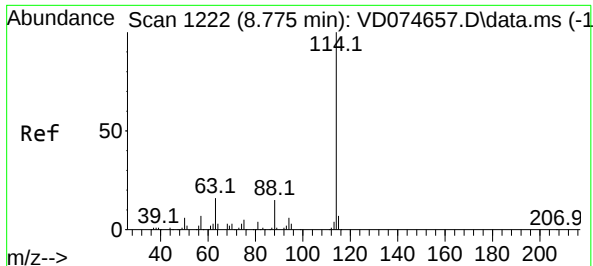
Tgt Ion:168 Resp: 150963
Ion Ratio Lower Upper
168 100
99 51.0 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 62.331 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074673.D
Acq: 28 Oct 2022 15:57

Tgt Ion: 65 Resp: 79419
Ion Ratio Lower Upper
65 100
67 56.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD074673.D

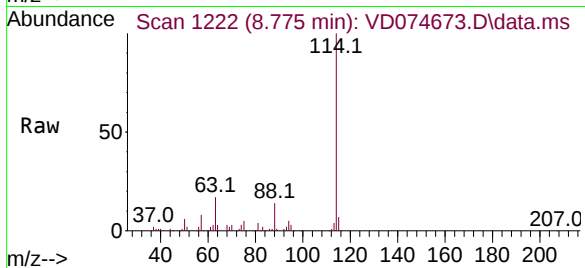
Acq: 28 Oct 2022 15:57

Instrument :

MSVOA_D

ClientSampleId :

TOTAL-VOC-GRAB-2-NW-QUARTER



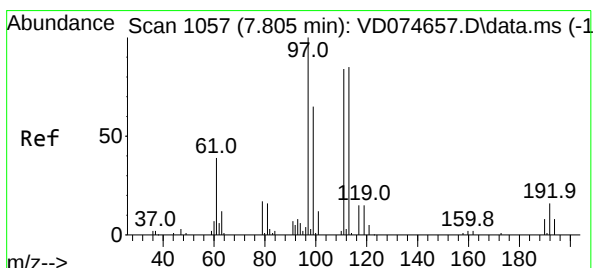
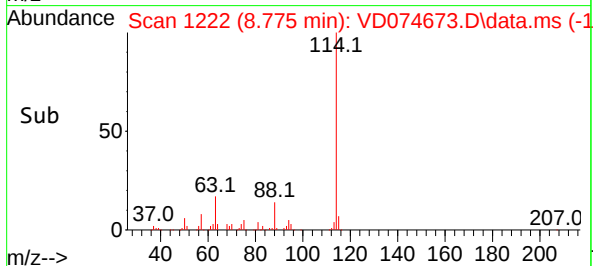
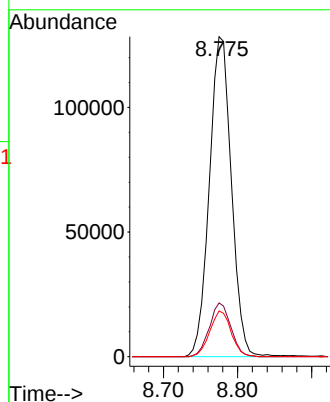
Tgt Ion:114 Resp: 265050

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.2

88 14.3 0.0 28.2



#35

Dibromofluoromethane

Concen: 59.782 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD074673.D

Acq: 28 Oct 2022 15:57

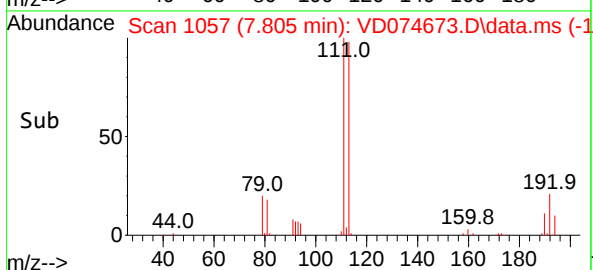
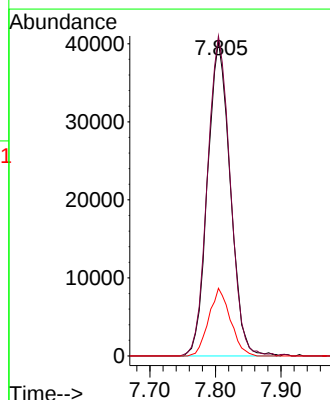
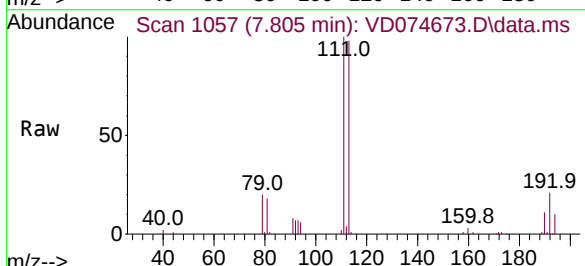
Tgt Ion:113 Resp: 96755

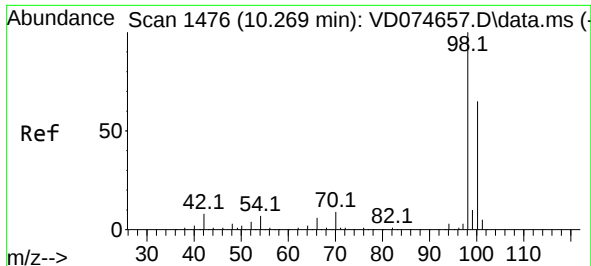
Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

192 20.5 16.4 24.6

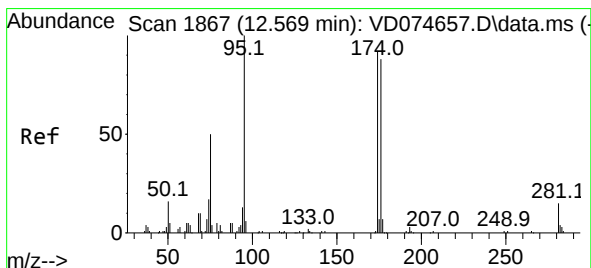
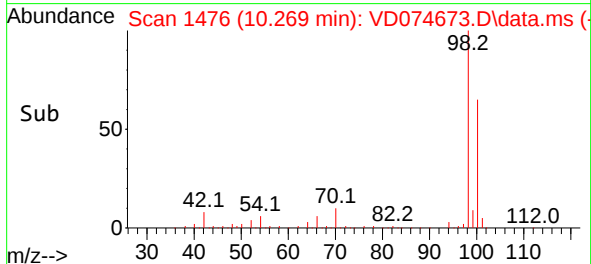
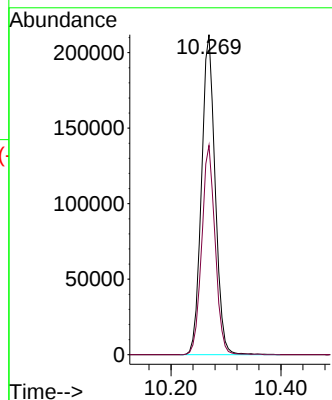
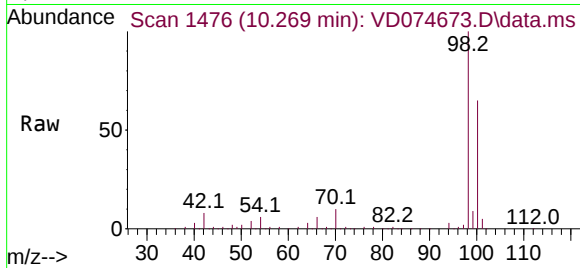




#50
Toluene-d8
Concen: 58.454 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074673.D
Acq: 28 Oct 2022 15:57

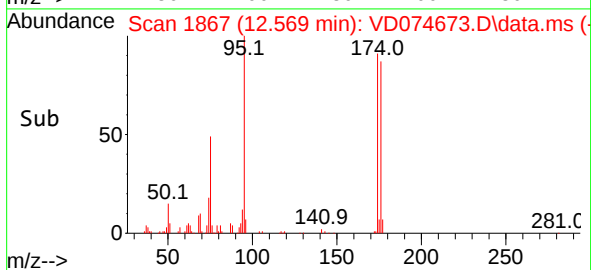
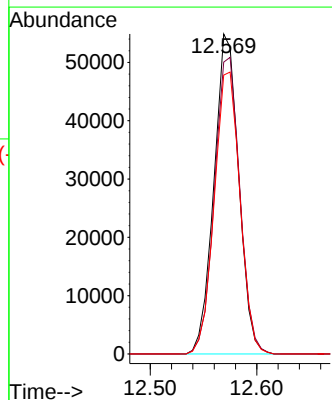
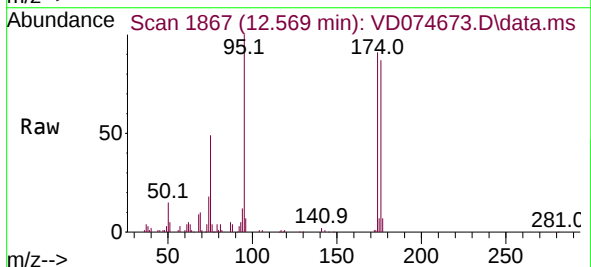
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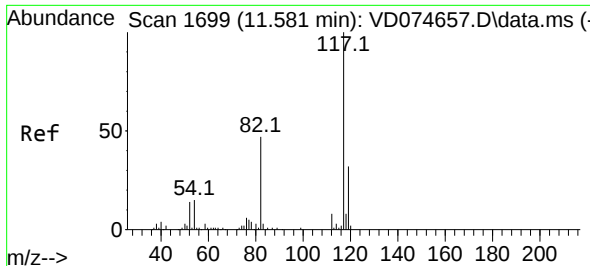
Tgt Ion: 98 Resp: 363822
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 51.699 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074673.D
Acq: 28 Oct 2022 15:57

Tgt Ion: 95 Resp: 88373
Ion Ratio Lower Upper
95 100
174 95.1 0.0 197.0
176 91.3 0.0 182.6

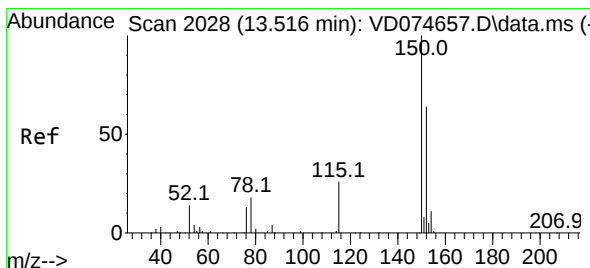
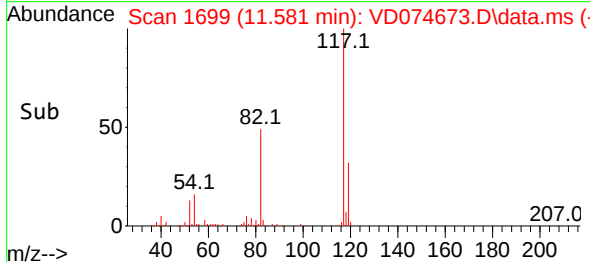
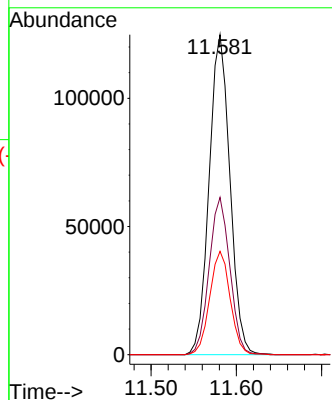
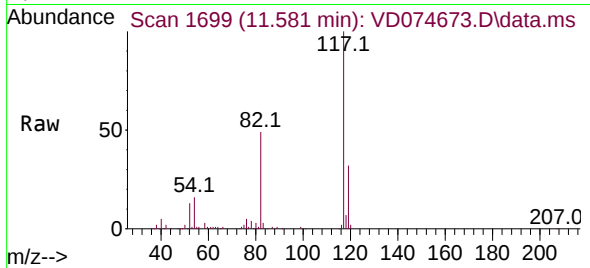




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074673.D
Acq: 28 Oct 2022 15:57

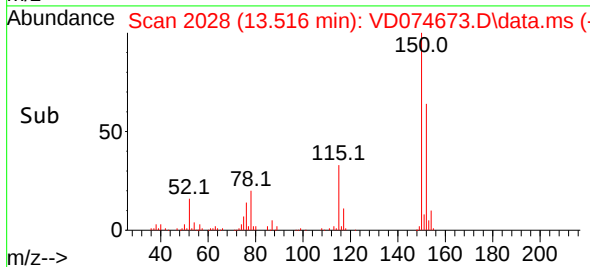
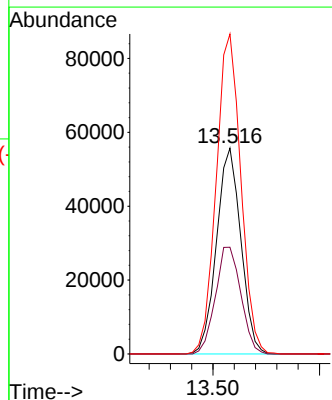
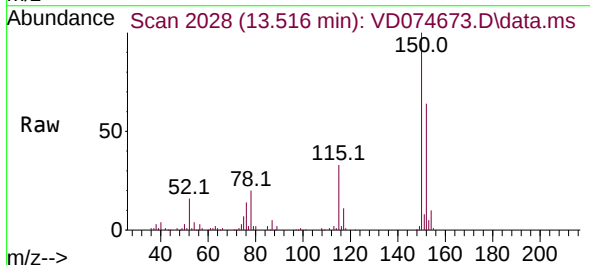
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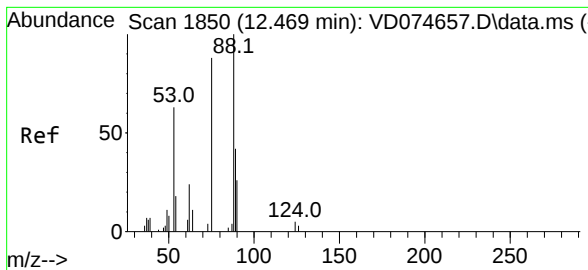
Tgt Ion:117 Resp: 211384
Ion Ratio Lower Upper
117 100
82 49.2 41.6 62.4
119 32.3 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD074673.D
Acq: 28 Oct 2022 15:57

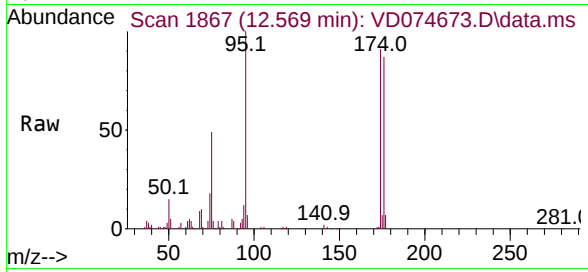
Tgt Ion:152 Resp: 88173
Ion Ratio Lower Upper
152 100
115 54.3 26.8 80.4
150 157.3 0.0 348.2





#81
 trans-1,4-Dichloro-2-butene
 Concen: 165.816 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD074673.D
 Acq: 28 Oct 2022 15:57

Instrument :
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 ClientSampleId :
 TOTAL-VOC-GRAB-2-NW-QUARTER



Tgt Ion:	75	Resp:	43206
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.8	95.6#
89	0.0	38.2	57.4#

