

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061923\
 Data File : VD076471.D
 Acq On : 19 Jun 2023 15:42
 Operator : KP/SY
 Sample : 03320-01
 Misc : 4.93G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-19

Quant Time: Jun 20 14:25:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

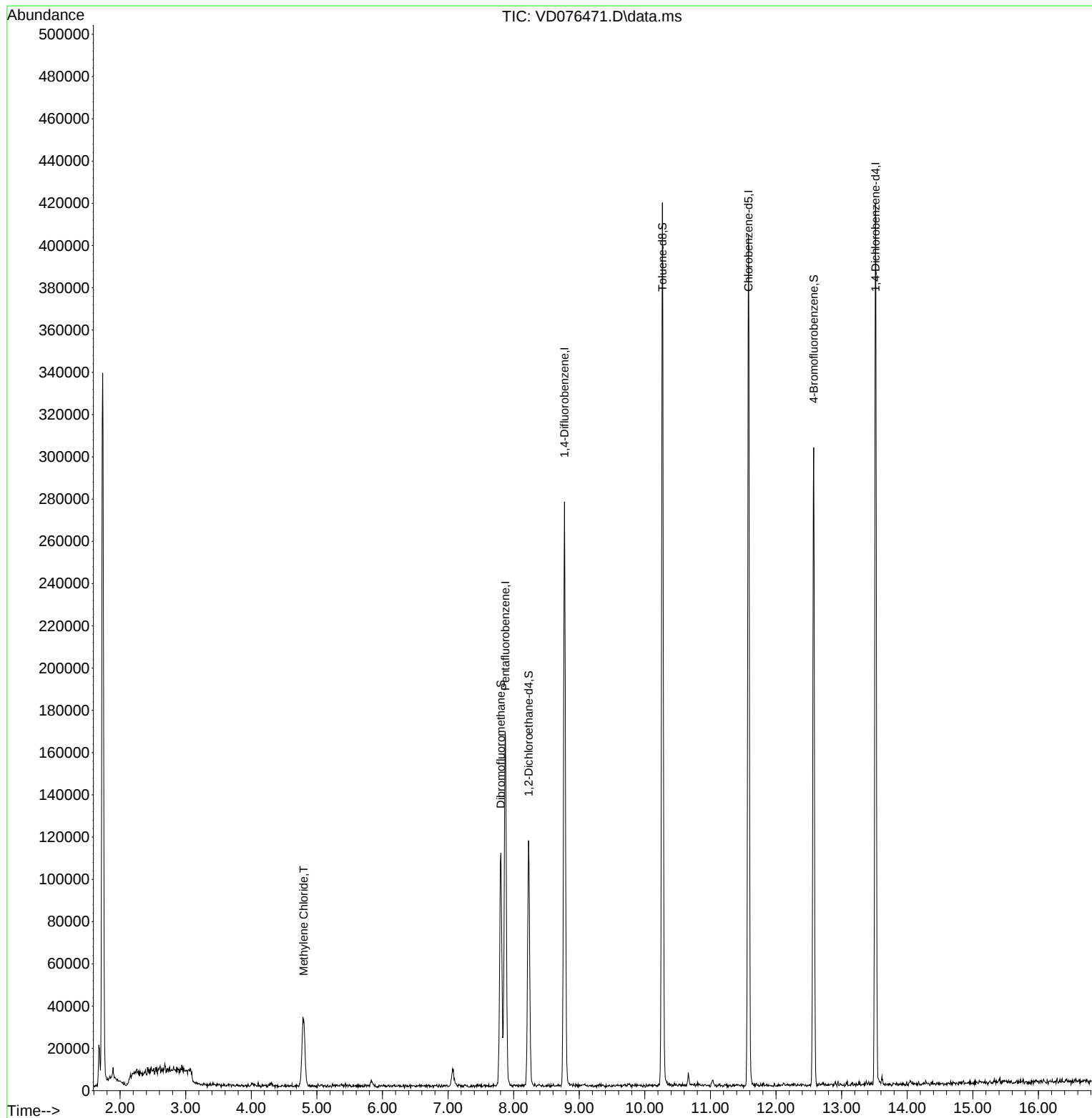
Internal Standards						
1) Pentafluorobenzene	7.875	168	132919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	238433	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	228370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83931	63.024	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.040%	
35) Dibromofluoromethane	7.804	113	78697	55.559	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.120%	
50) Toluene-d8	10.269	98	277738	51.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.574	95	93066	53.382	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.760%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.798	84	24000	6.800	ug/l	# 72

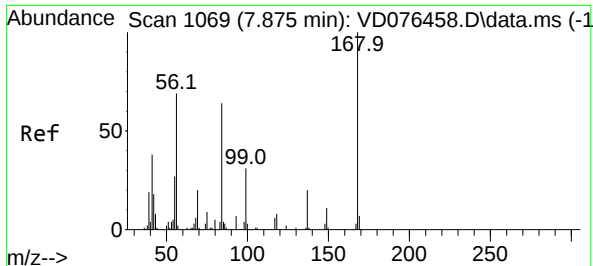
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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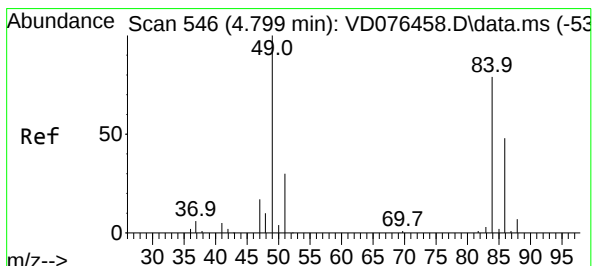
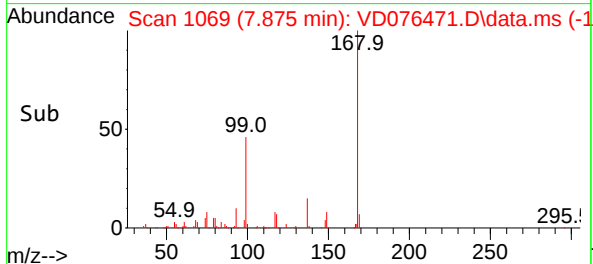
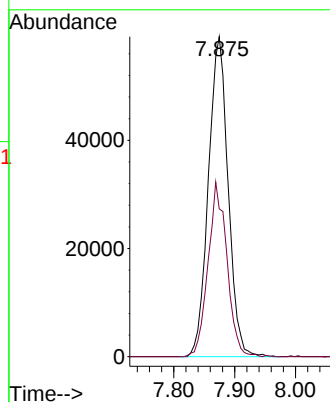
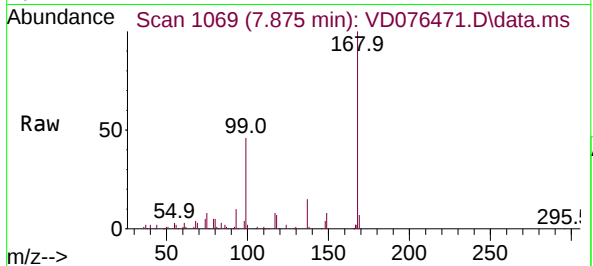




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076471.D
Acq: 19 Jun 2023 15:42

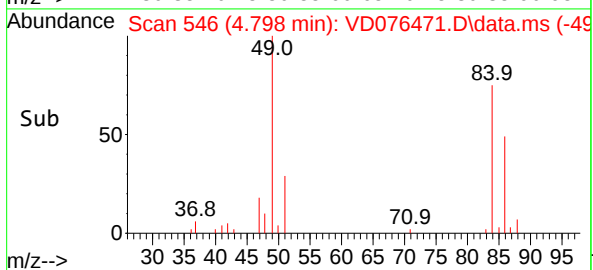
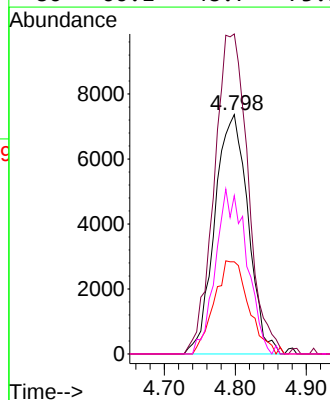
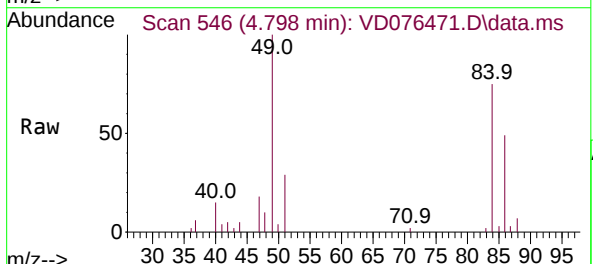
Instrument :
MSVOA_D
ClientSampleId :
WC-19

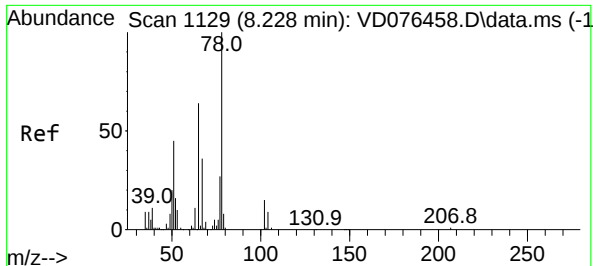
Tgt Ion:168 Resp: 132919
Ion Ratio Lower Upper
168 100
99 46.2 36.7 55.1



#20
Methylene Chloride
Concen: 6.800 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD076471.D
Acq: 19 Jun 2023 15:42

Tgt Ion: 84 Resp: 24000
Ion Ratio Lower Upper
84 100
49 133.7 71.4 107.2#
51 38.5 24.5 36.7#
86 66.1 48.7 73.1

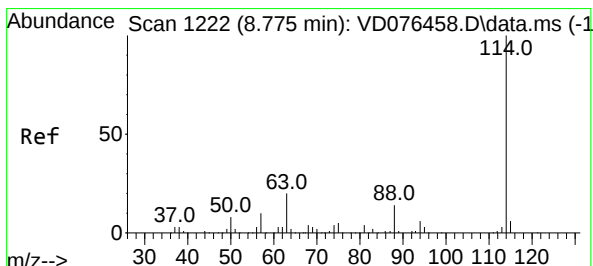
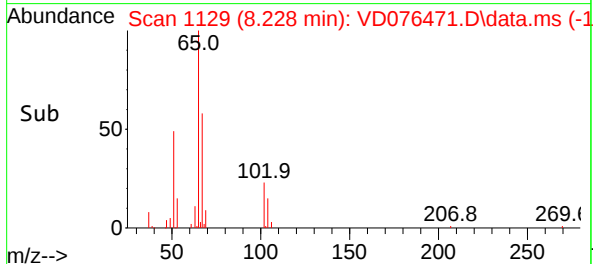
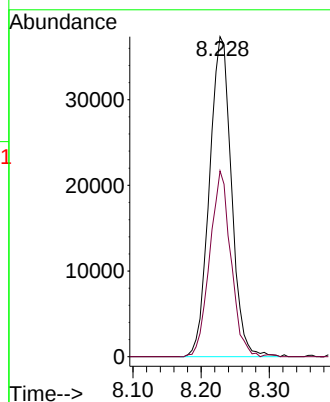
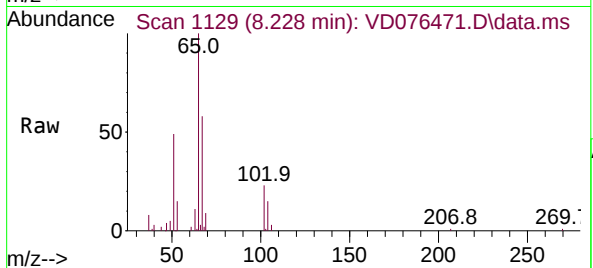




#33
 1,2-Dichloroethane-d4
 Concen: 63.024 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. -0.000 min
 Lab File: VD076471.D
 Acq: 19 Jun 2023 15:42

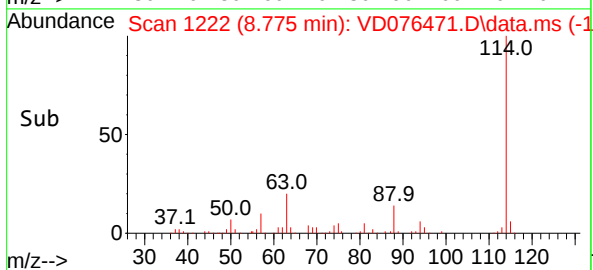
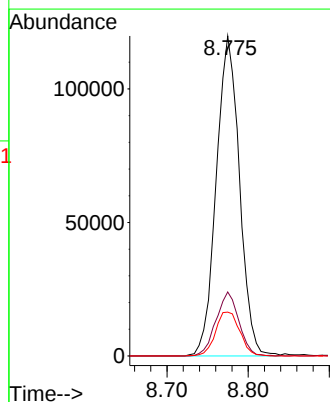
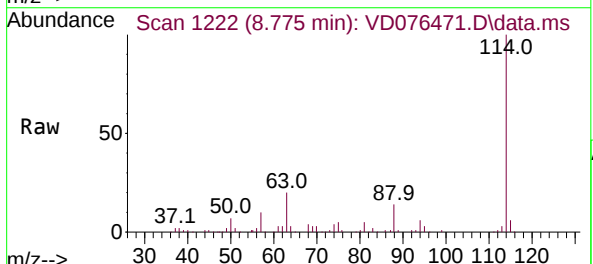
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-19

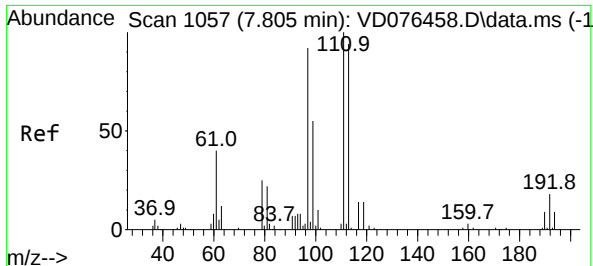
Tgt Ion: 65 Resp: 83931
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD076471.D
 Acq: 19 Jun 2023 15:42

Tgt Ion: 114 Resp: 238433
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 33.4
 88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 55.559 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076471.D

Acq: 19 Jun 2023 15:42

Instrument :

MSVOA_D

ClientSampleId :

WC-19

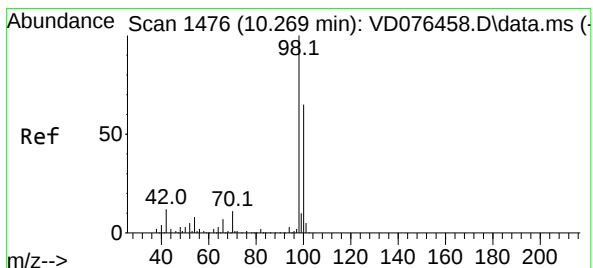
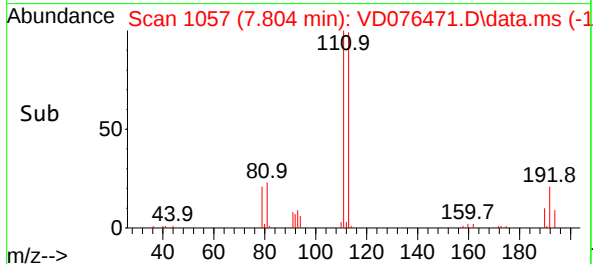
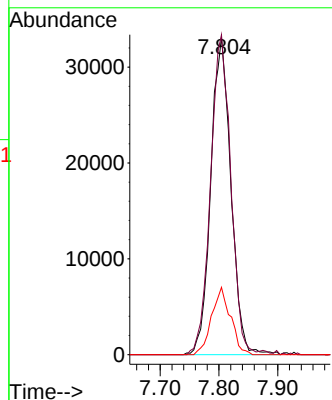
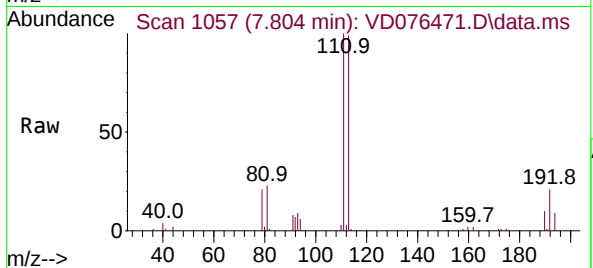
Tgt Ion:113 Resp: 78697

Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 20.0 16.8 25.2



#50

Toluene-d8

Concen: 51.703 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076471.D

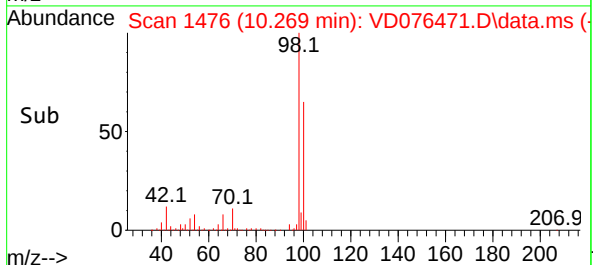
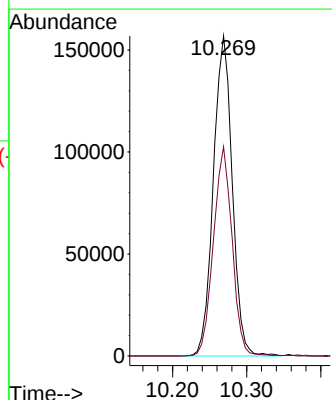
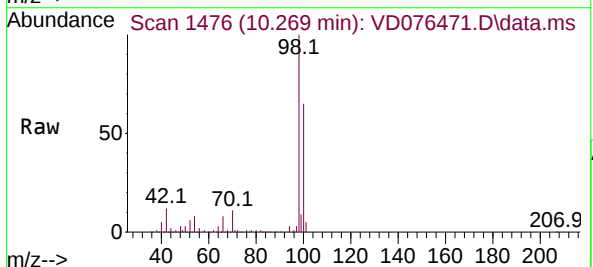
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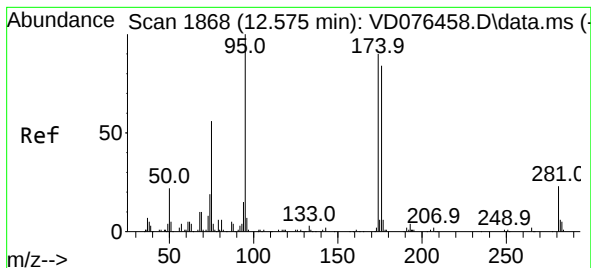
Tgt Ion: 98 Resp: 277738

Ion Ratio Lower Upper

98 100

100 64.7 50.3 75.5

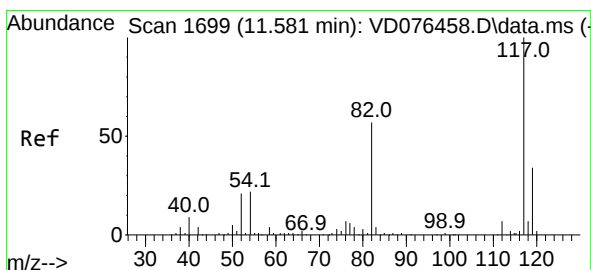
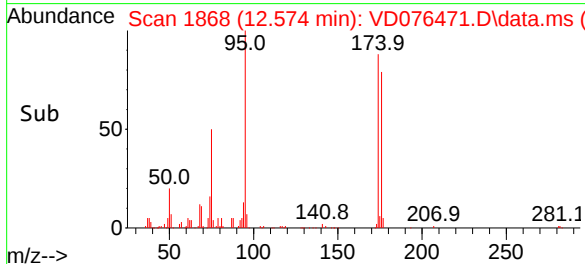
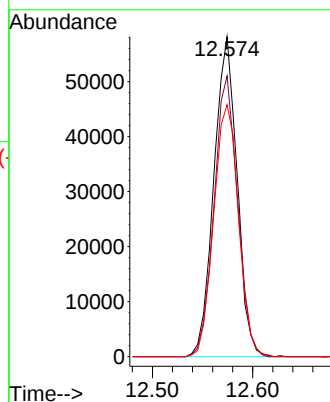
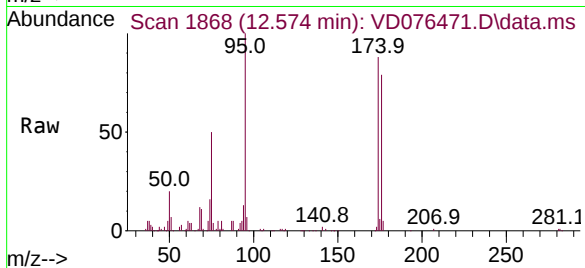




#62
4-Bromofluorobenzene
Concen: 53.382 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076471.D
Acq: 19 Jun 2023 15:42

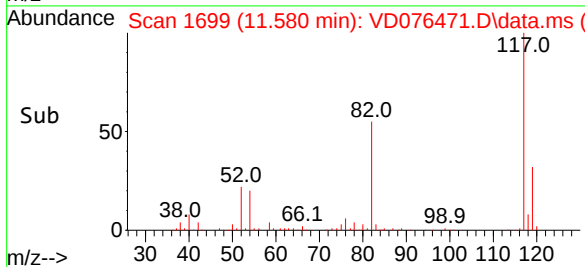
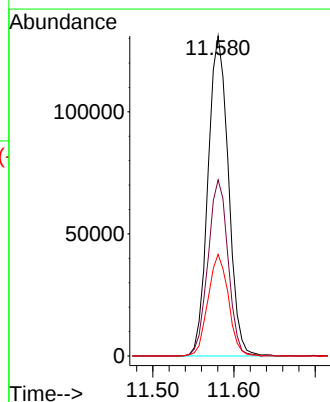
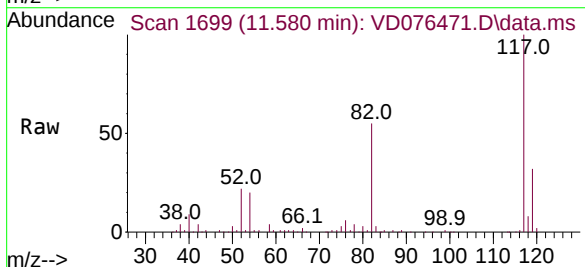
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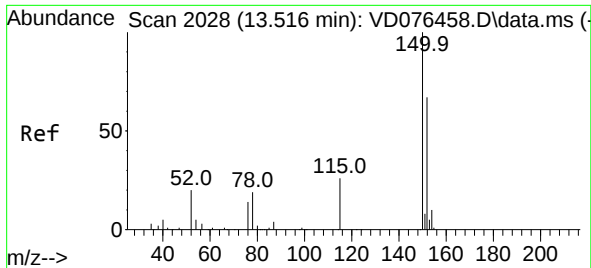
Tgt Ion: 95 Resp: 93066
Ion Ratio Lower Upper
95 100
174 89.1 0.0 201.8
176 84.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076471.D
Acq: 19 Jun 2023 15:42

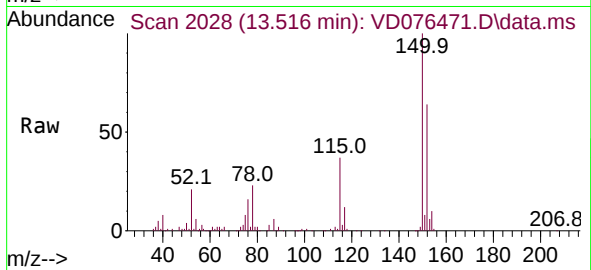
Tgt Ion: 117 Resp: 228370
Ion Ratio Lower Upper
117 100
82 55.0 38.3 57.5
119 31.7 25.0 37.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076471.D
Acq: 19 Jun 2023 15:42

Instrument :
MSVOA_D
ClientSampleId :
WC-19



Tgt Ion:	152	Resp:	111689
Ion	Ratio	Lower	Upper
152	100		
115	55.3	27.1	81.3
150	154.2	0.0	353.6

