

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076341.D
 Acq On : 06 Jun 2023 15:31
 Operator : KP/SY
 Sample : 02913-04
 Misc : 5.45G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-0A

Quant Time: Jun 07 06:11:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

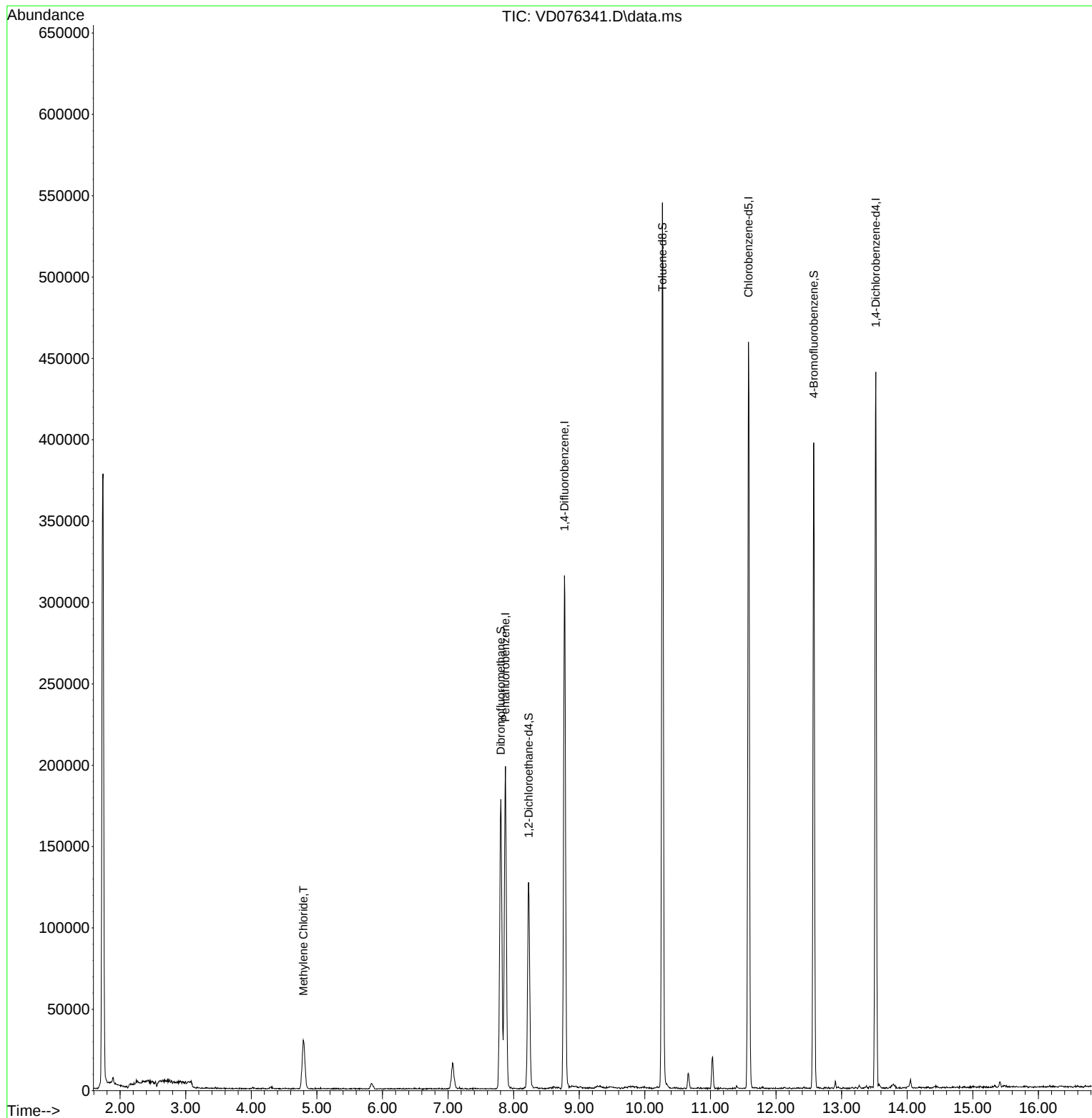
Internal Standards						
1) Pentafluorobenzene	7.875	168	162921	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	309839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	129208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	97246	66.618	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.240%	
35) Dibromofluoromethane	7.804	113	130790	66.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.960%	
50) Toluene-d8	10.269	98	393783	50.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.540%	
62) 4-Bromofluorobenzene	12.575	95	116320	56.116	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.240%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	26173	8.015	ug/l	87

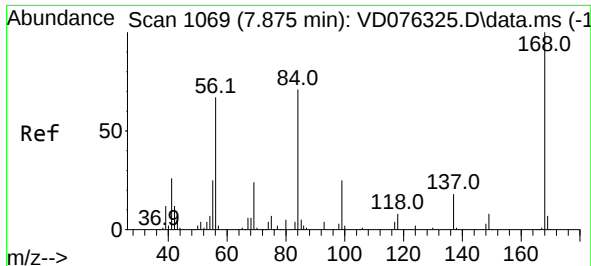
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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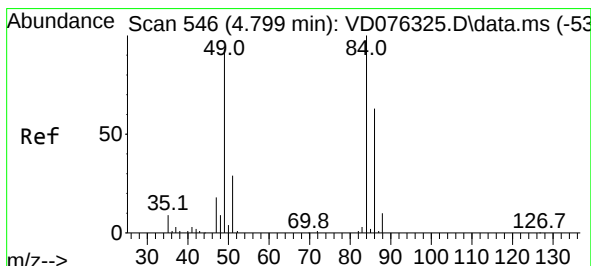
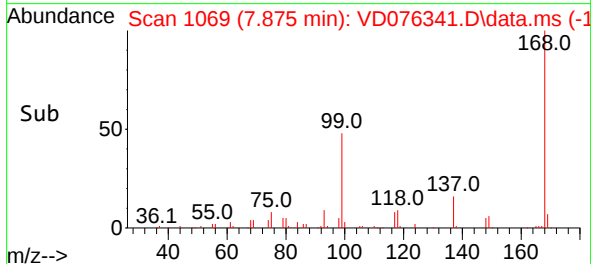
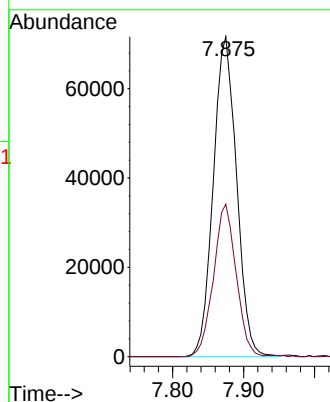
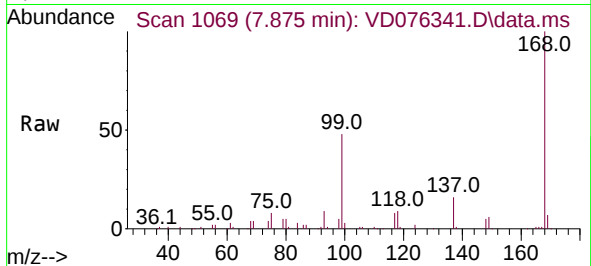




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

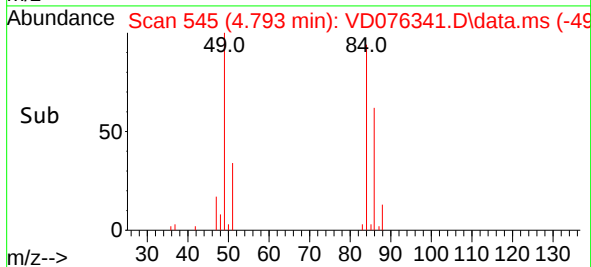
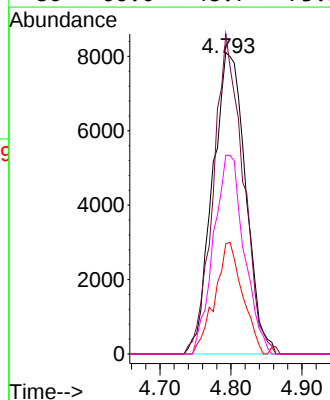
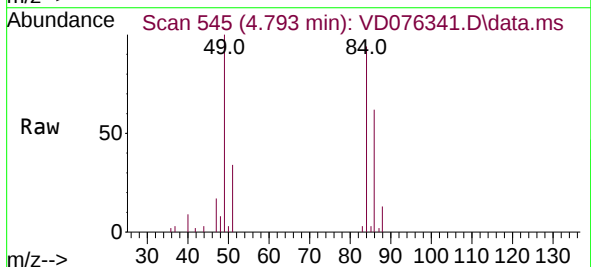
Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

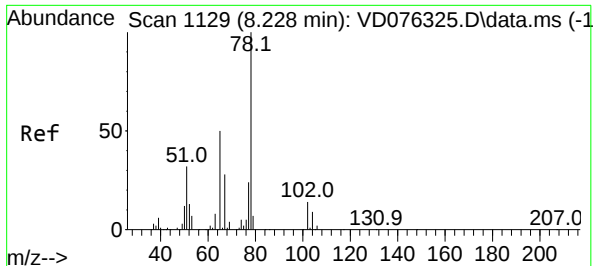
Tgt Ion:168 Resp: 162921
Ion Ratio Lower Upper
168 100
99 47.6 36.7 55.1



#20
Methylene Chloride
Concen: 8.015 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion: 84 Resp: 26173
Ion Ratio Lower Upper
84 100
49 106.2 71.4 107.2
51 36.6 24.5 36.7
86 66.0 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 66.618 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076341.D

Acq: 06 Jun 2023 15:31

Instrument :

MSVOA_D

ClientSampleId :

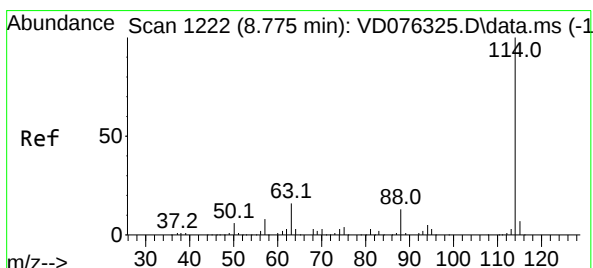
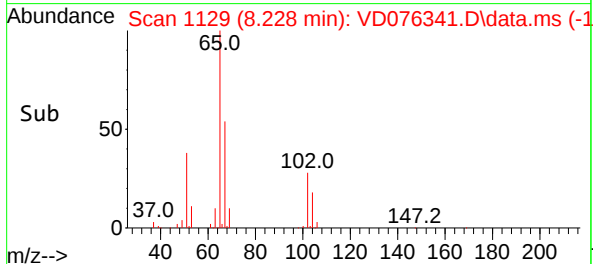
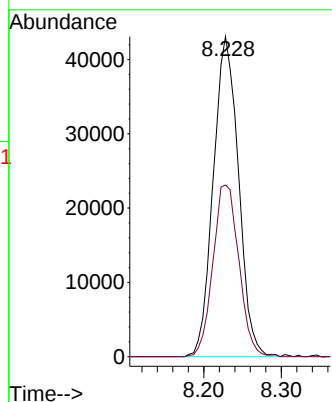
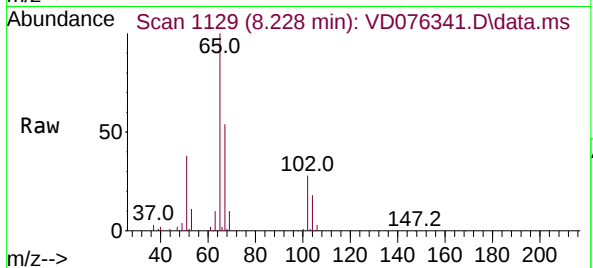
TP-8-0A

Tgt Ion: 65 Resp: 97246

Ion Ratio Lower Upper

65 100

67 55.3 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: VD076341.D

Acq: 06 Jun 2023 15:31

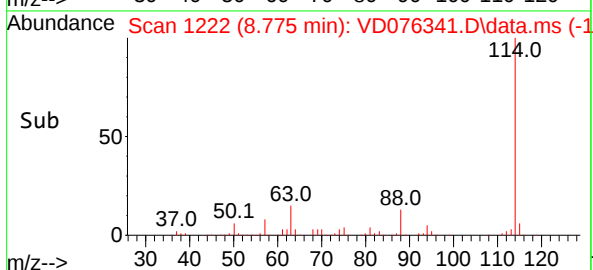
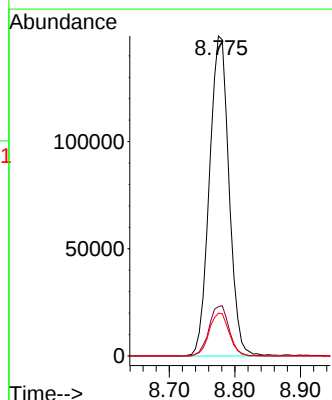
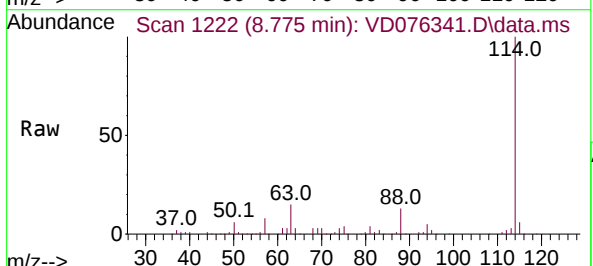
Tgt Ion: 114 Resp: 309839

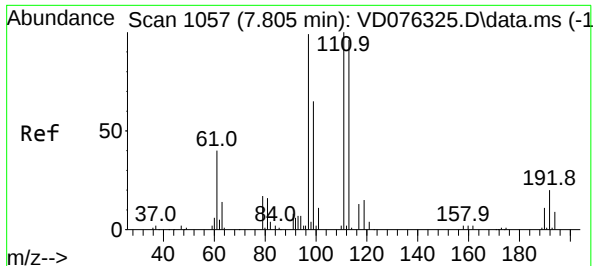
Ion Ratio Lower Upper

114 100

63 15.4 0.0 33.4

88 13.4 0.0 26.2



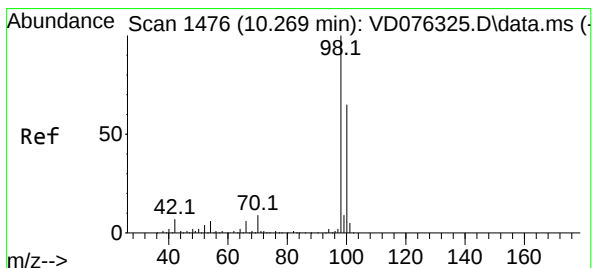
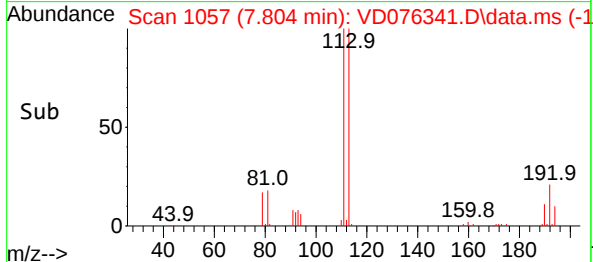
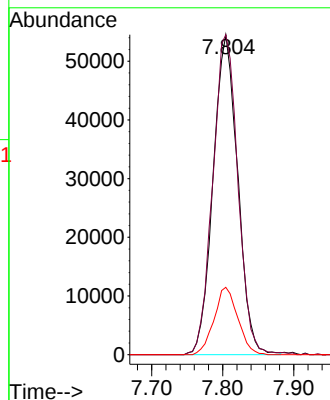
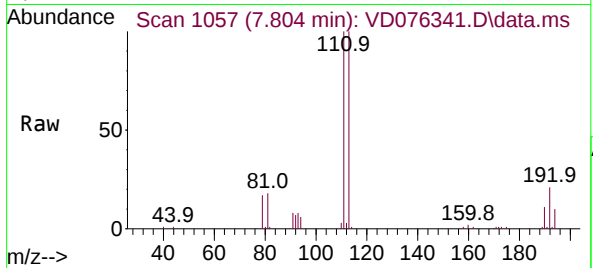


#35
Dibromofluoromethane
Concen: 66.483 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

Tgt Ion:113 Resp: 130790

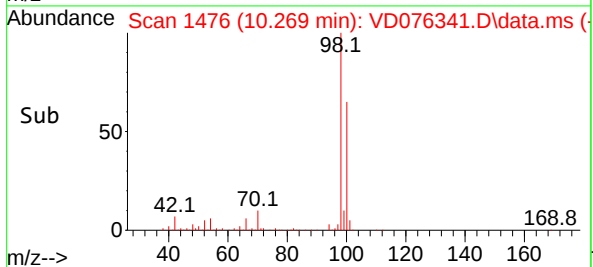
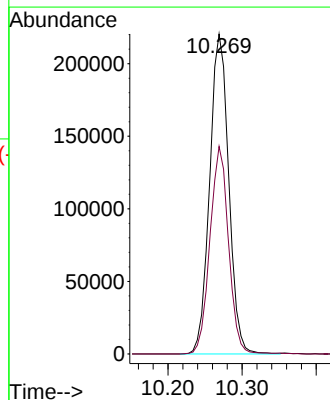
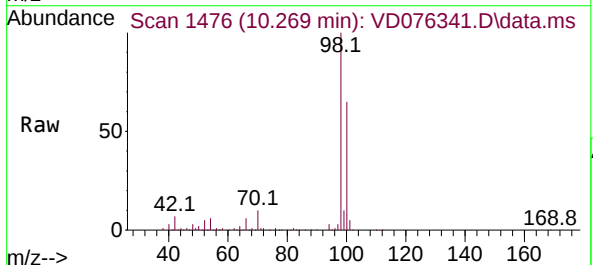
Ion	Ratio	Lower	Upper
113	100		
111	102.2	84.7	127.1
192	20.3	16.8	25.2

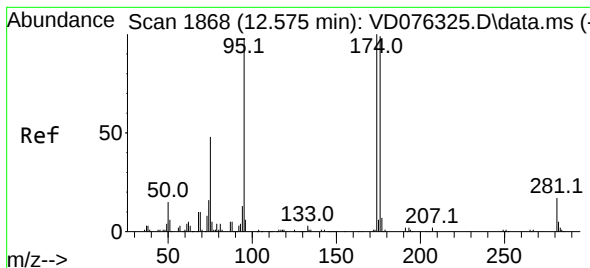


#50
Toluene-d8
Concen: 50.274 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

Tgt Ion: 98 Resp: 393783

Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.3	75.5

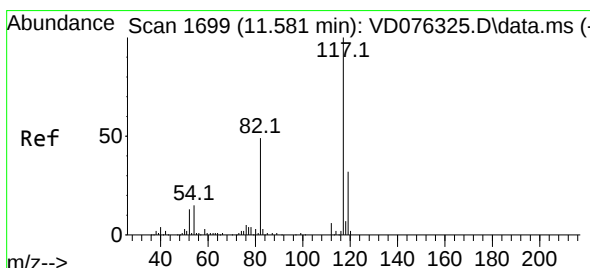
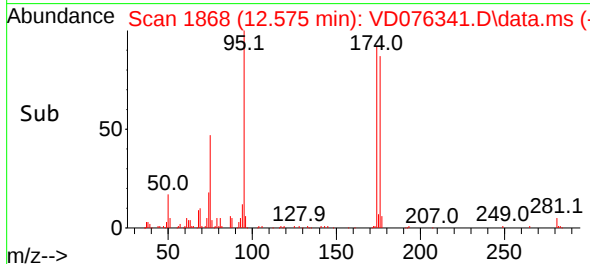
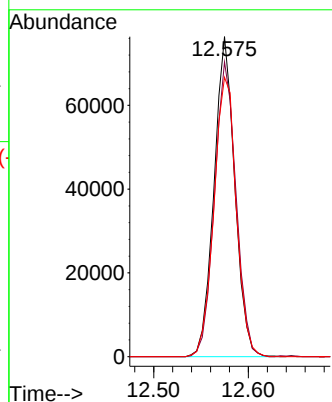
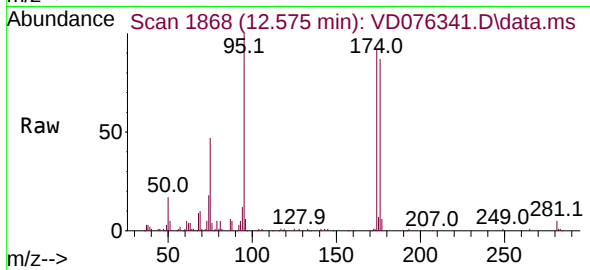




#62
4-Bromofluorobenzene
Concen: 56.116 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

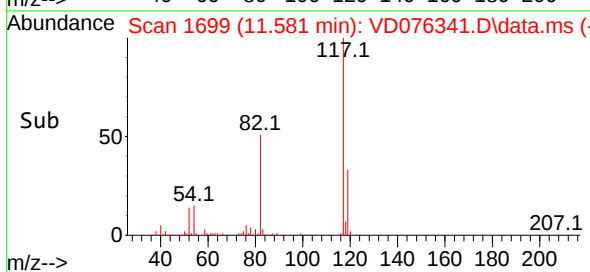
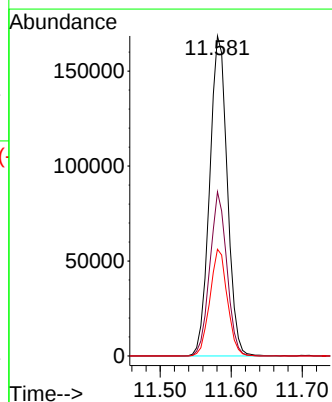
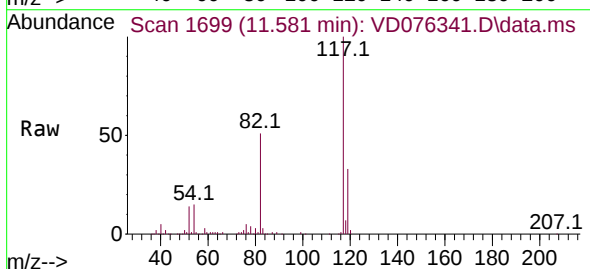
Instrument :
MSVOA_D
ClientSampleId :
TP-8-0A

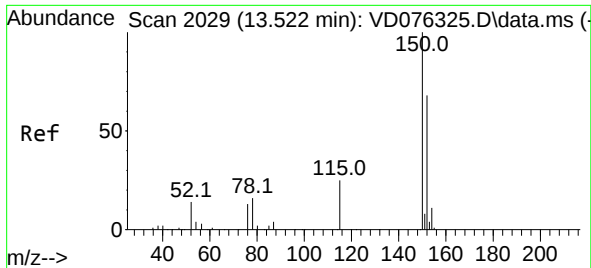
Tgt Ion: 95 Resp: 116320
Ion Ratio Lower Upper
95 100
174 95.5 0.0 201.8
176 93.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076341.D
Acq: 06 Jun 2023 15:31

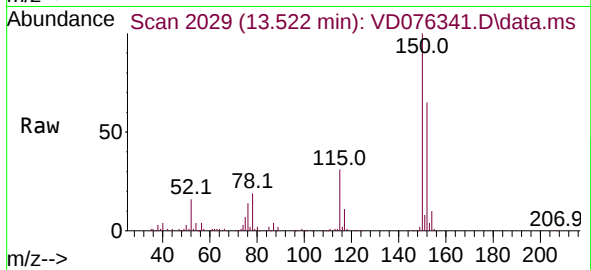
Tgt Ion: 117 Resp: 290647
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 33.4 25.0 37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076341.D
 Acq: 06 Jun 2023 15:31

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-0A



Tgt Ion:152 Resp: 129208
 Ion Ratio Lower Upper
 152 100
 115 50.9 27.1 81.3
 150 158.1 0.0 353.6

