

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076374.D
 Acq On : 08 Jun 2023 15:29
 Operator : KP/SY
 Sample : 03049-03
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-060523

Quant Time: Jun 08 16:17:45 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)

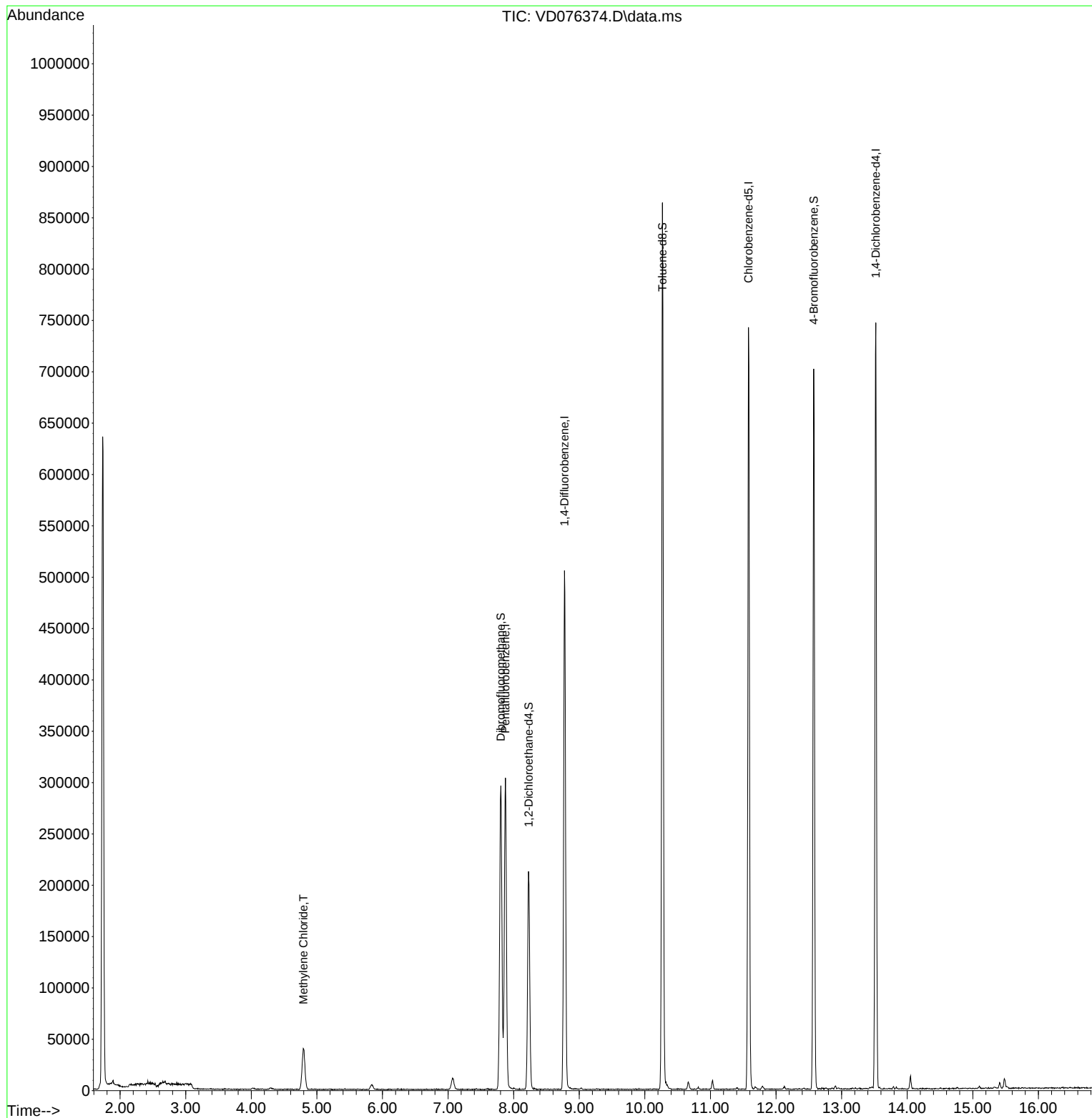
Internal Standards						
1) Pentafluorobenzene	7.875	168	256594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	491981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	474275	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	222346	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	160465	69.796	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.600%
35) Dibromofluoromethane	7.804	113	220109	70.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	140.920%
50) Toluene-d8	10.269	98	618349	49.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.575	95	205478	62.429	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	124.860%
Target Compounds						
20) Methylene Chloride	4.793	84	35547	6.283	ug/l	Qvalue 95

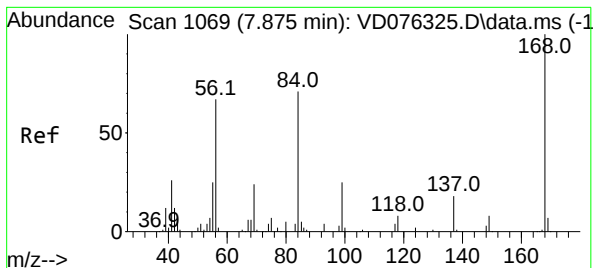
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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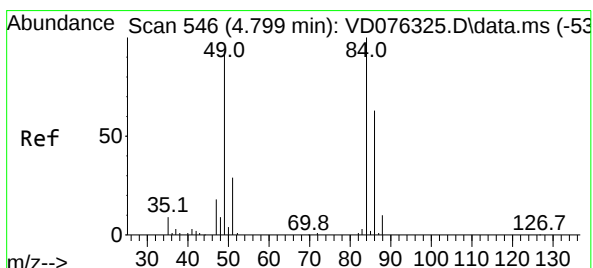
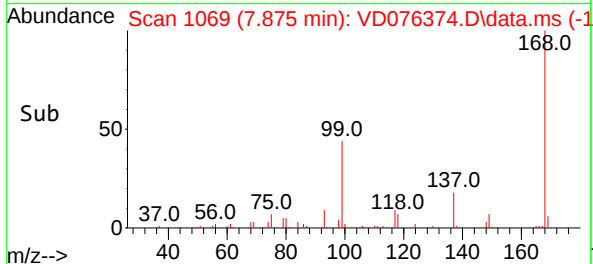
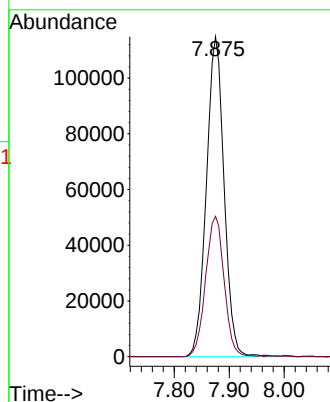
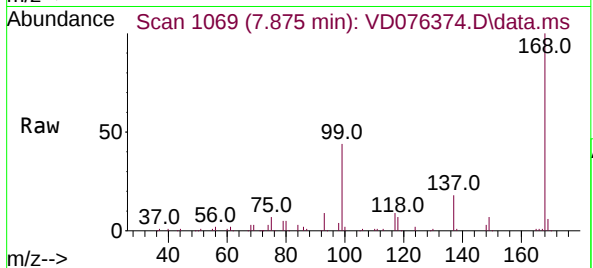




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

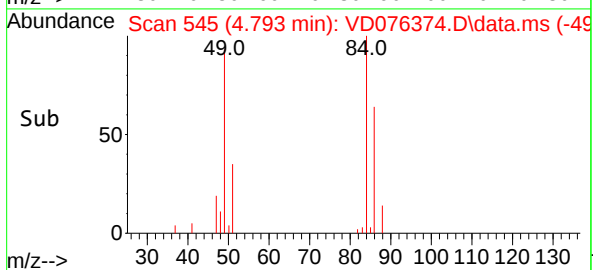
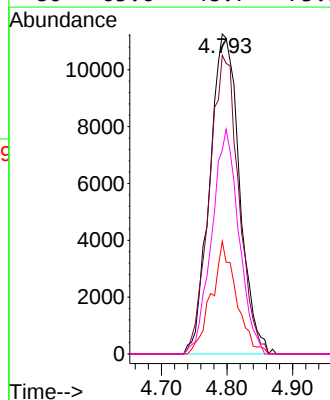
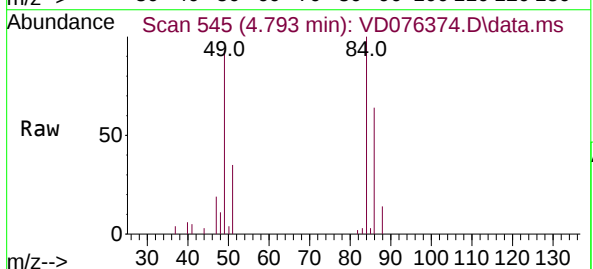
Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

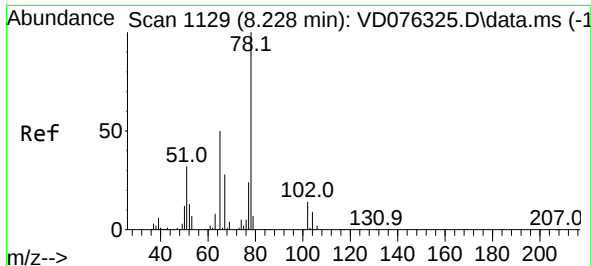
Tgt Ion:168 Resp: 256594
Ion Ratio Lower Upper
168 100
99 43.8 36.7 55.1



#20
Methylene Chloride
Concen: 6.283 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

Tgt Ion: 84 Resp: 35547
Ion Ratio Lower Upper
84 100
49 93.4 71.4 107.2
51 35.2 24.5 36.7
86 63.6 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 69.796 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076374.D

Acq: 08 Jun 2023 15:29

Instrument :

MSVOA_D

ClientSampleId :

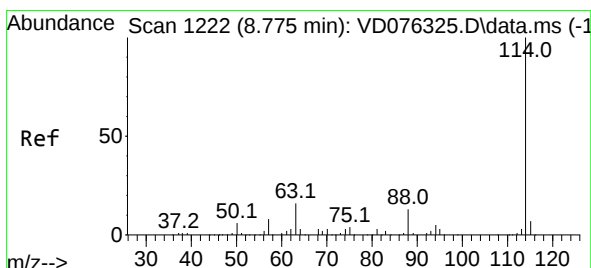
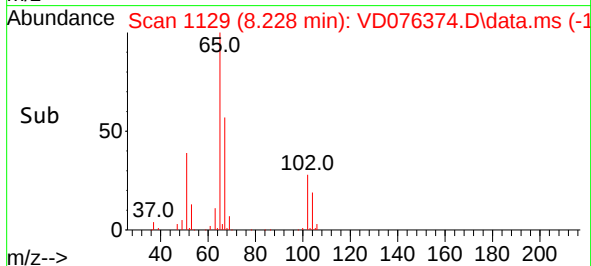
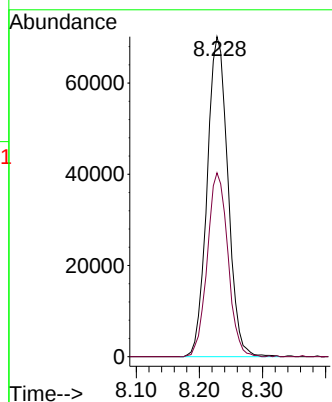
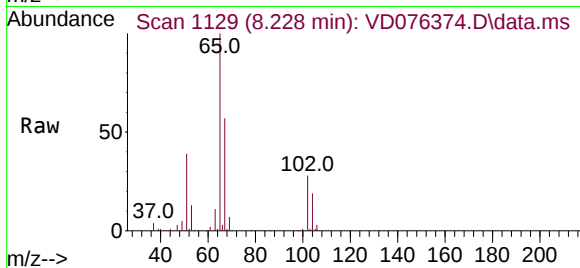
HR-03-060523

Tgt Ion: 65 Resp: 160465

Ion Ratio Lower Upper

65 100

67 56.9 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: VD076374.D

Acq: 08 Jun 2023 15:29

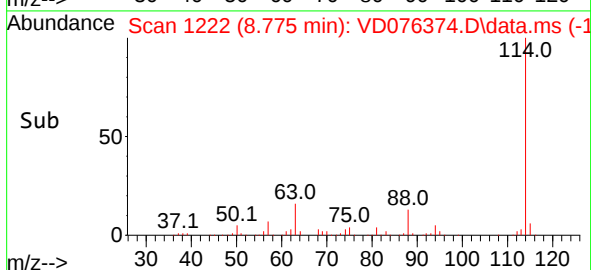
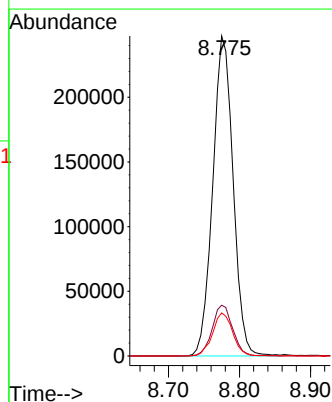
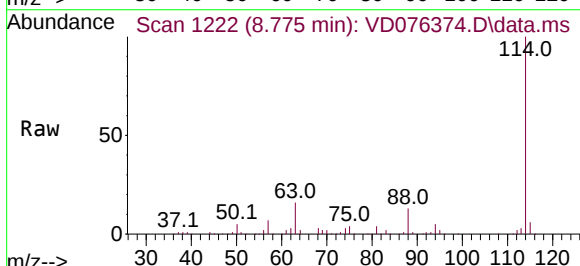
Tgt Ion: 114 Resp: 491981

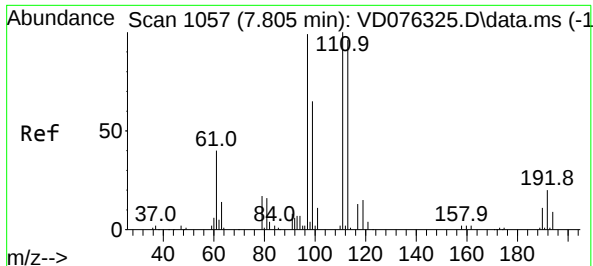
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 13.4 0.0 26.2

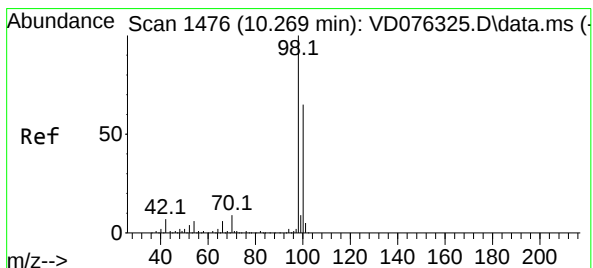
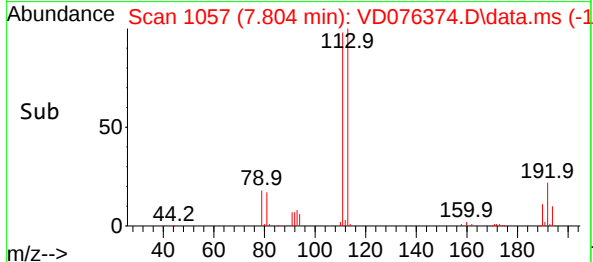
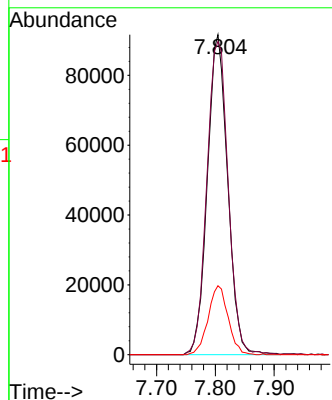
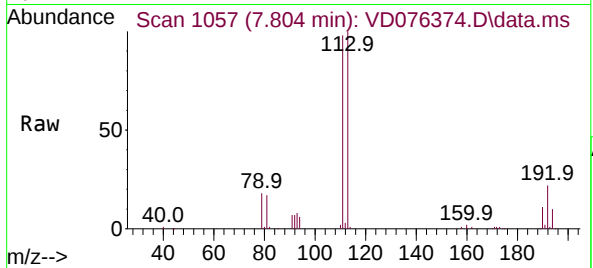




#35
 Dibromofluoromethane
 Concen: 70.463 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VD076374.D
 Acq: 08 Jun 2023 15:29

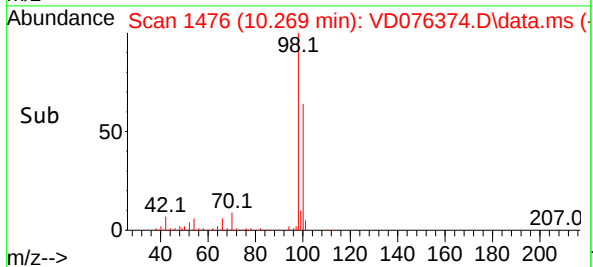
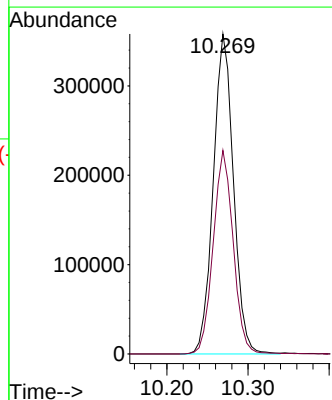
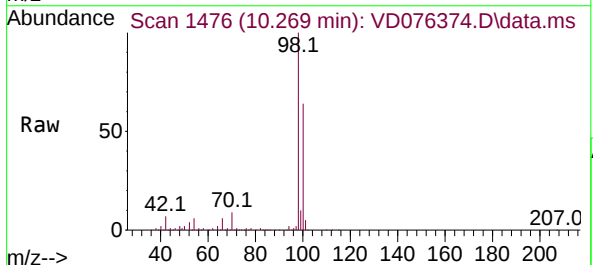
Instrument :
 MSVOA_D
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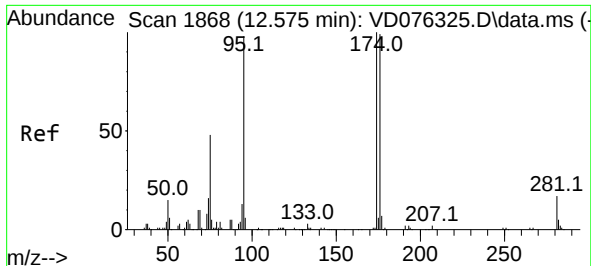
Tgt Ion:113 Resp: 220109
 Ion Ratio Lower Upper
 113 100
 111 102.8 84.7 127.1
 192 21.1 16.8 25.2



#50
 Toluene-d8
 Concen: 49.718 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. -0.000 min
 Lab File: VD076374.D
 Acq: 08 Jun 2023 15:29

Tgt Ion: 98 Resp: 618349
 Ion Ratio Lower Upper
 98 100
 100 63.2 50.3 75.5

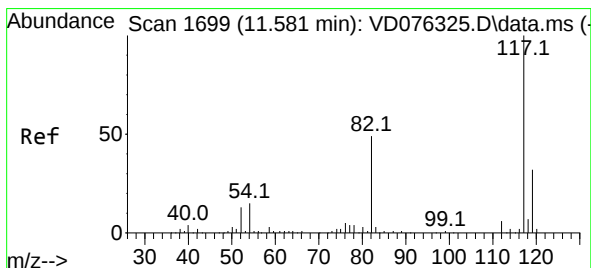
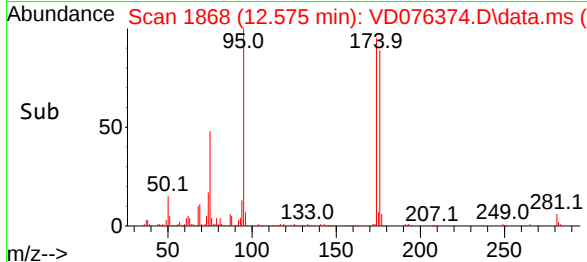
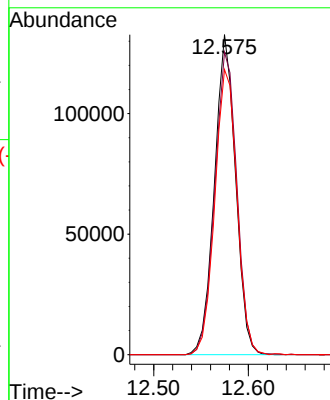
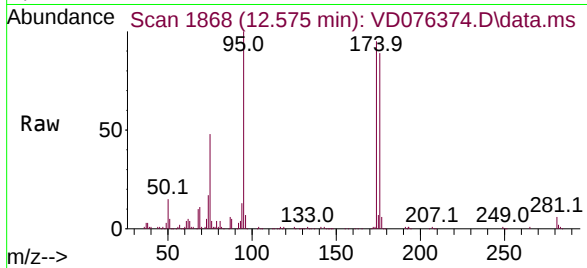




#62
4-Bromofluorobenzene
Concen: 62.429 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

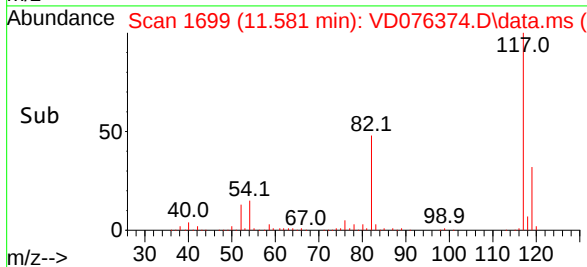
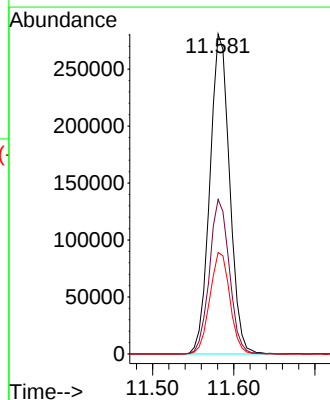
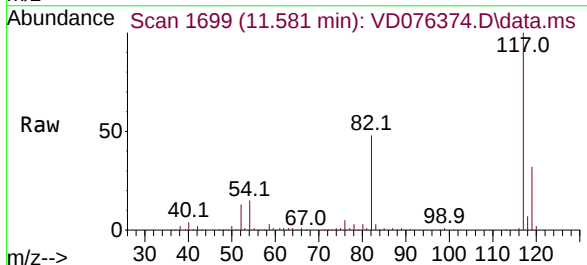
Instrument :
MSVOA_D
ClientSampleId :
HR-03-060523

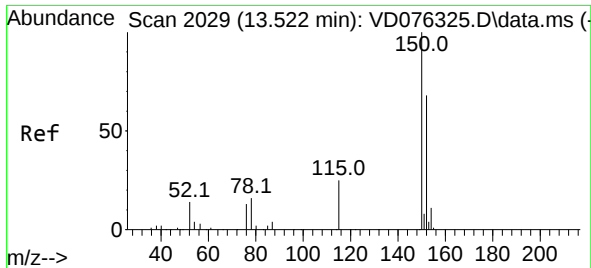
Tgt Ion:	95	Resp:	205478
Ion	Ratio	Lower	Upper
95	100		
174	98.9	0.0	201.8
176	93.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076374.D
Acq: 08 Jun 2023 15:29

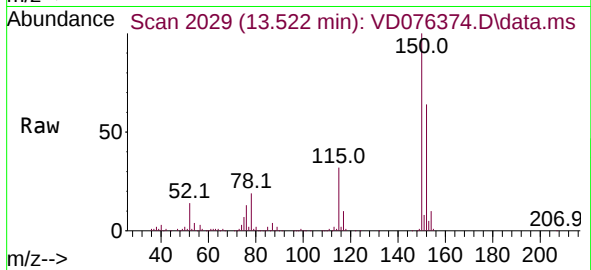
Tgt Ion:	117	Resp:	474275
Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.3	57.5
119	31.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076374.D
 Acq: 08 Jun 2023 15:29

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-03-060523



Tgt Ion:152 Resp: 222346

Ion	Ratio	Lower	Upper
152	100		
115	51.4	27.1	81.3
150	159.1	0.0	353.6

