

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076242.D
 Acq On : 25 May 2023 19:38
 Operator : KP/SY
 Sample : 02913-01
 Misc : 6.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-70A

Quant Time: May 26 02:01:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

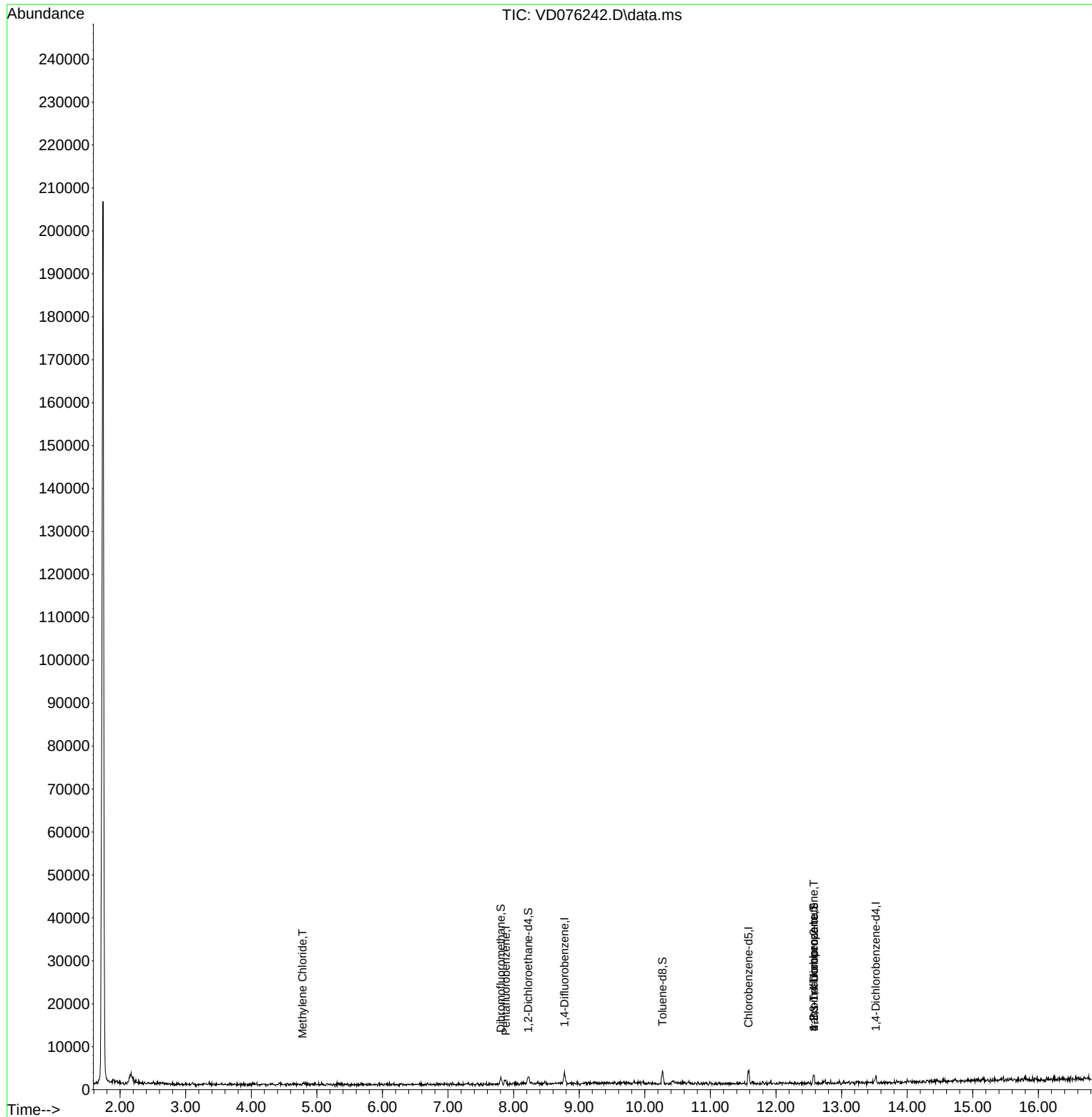
Internal Standards						
1) Pentafluorobenzene	7.881	168	1153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	3651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2321	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	707	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	1482	132.993	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 265.980%#	
35) Dibromofluoromethane	7.805	113	1453	57.576	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.160%	
50) Toluene-d8	10.269	98	2821	28.675	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 57.360%#	
62) 4-Bromofluorobenzene	12.575	95	1090	39.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 79.780%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.781	84	486	22.341	ug/l #	54
76) 1,2,3-Trichloropropane	12.575	75	248	40.085	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	248	84.092	ug/l #	5

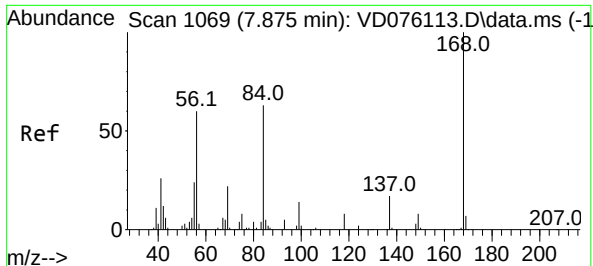
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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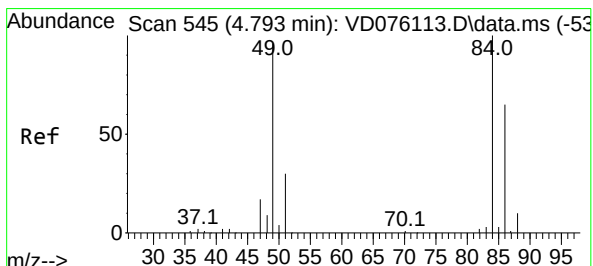
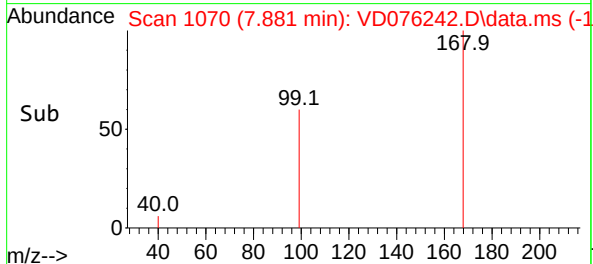
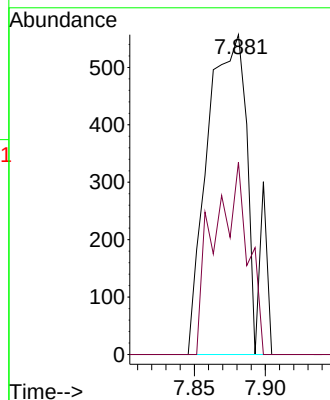
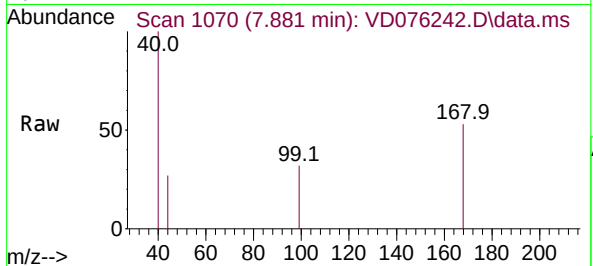




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD076242.D
Acq: 25 May 2023 19:38

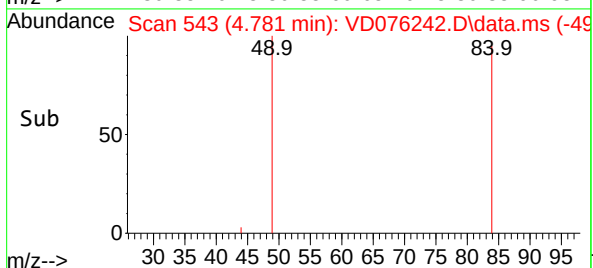
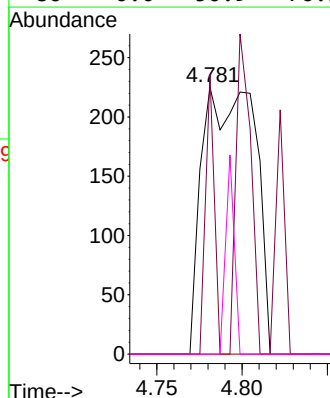
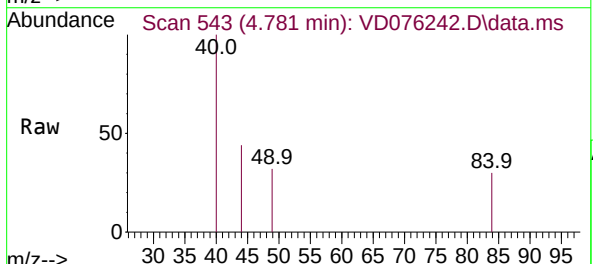
Instrument :
MSVOA_D
ClientSampleId :
TP-70A

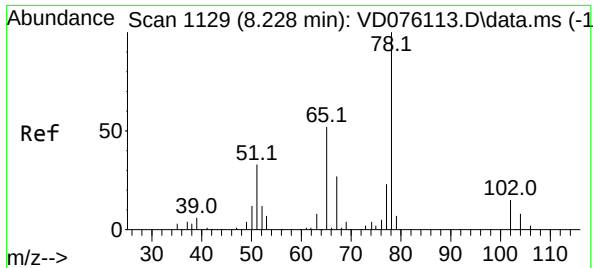
Tgt Ion:168 Resp: 1153
Ion Ratio Lower Upper
168 100
99 60.1 43.8 65.6



#20
Methylene Chloride
Concen: 22.341 ug/l
RT: 4.781 min Scan# 543
Delta R.T. -0.018 min
Lab File: VD076242.D
Acq: 25 May 2023 19:38

Tgt Ion: 84 Resp: 486
Ion Ratio Lower Upper
84 100
49 104.9 106.4 159.6#
51 0.0 32.4 48.6#
86 0.0 50.9 76.3#





#33

1,2-Dichloroethane-d4

Concen: 132.993 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.012 min

Lab File: VD076242.D

Acq: 25 May 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

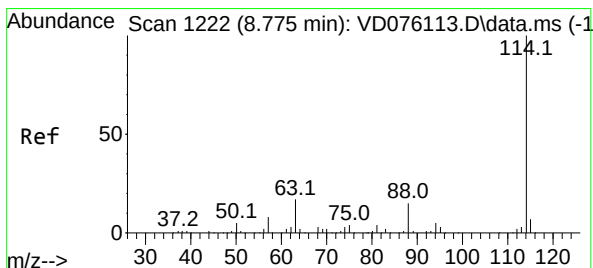
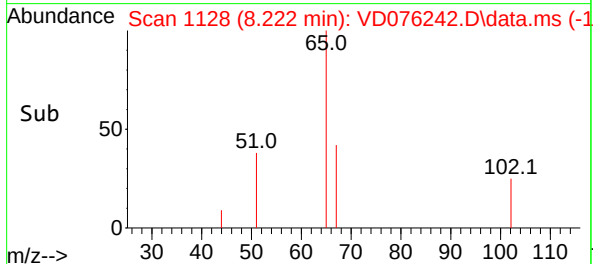
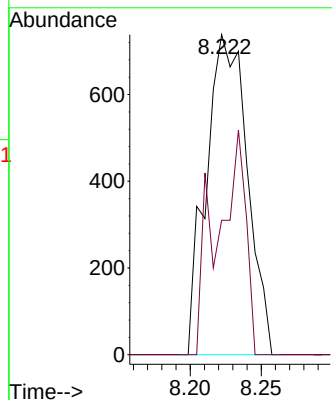
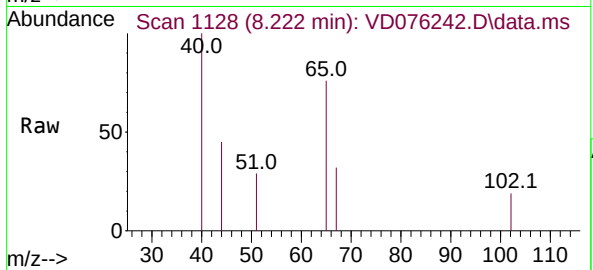
TP-70A

Tgt Ion: 65 Resp: 1482

Ion Ratio Lower Upper

65 100

67 49.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076242.D

Acq: 25 May 2023 19:38

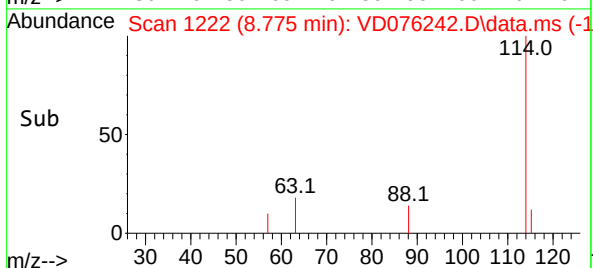
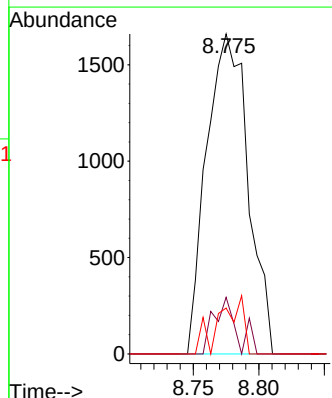
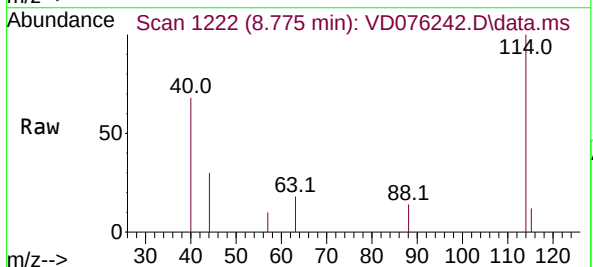
Tgt Ion: 114 Resp: 3651

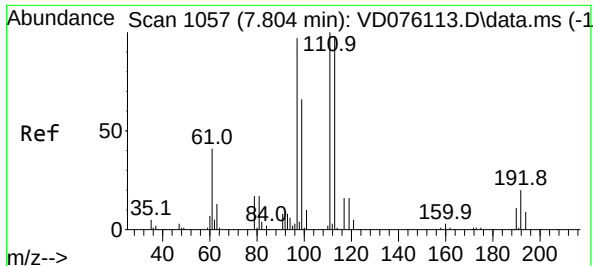
Ion Ratio Lower Upper

114 100

63 17.7 0.0 41.6

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.576 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076242.D

Acq: 25 May 2023 19:38

Instrument :

MSVOA_D

ClientSampleId :

TP-70A

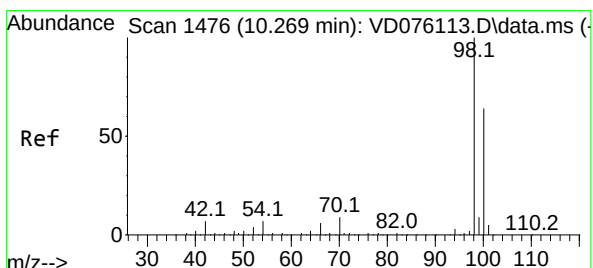
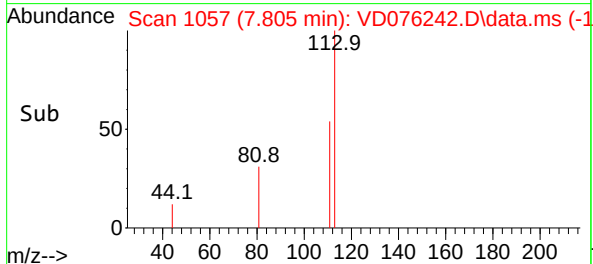
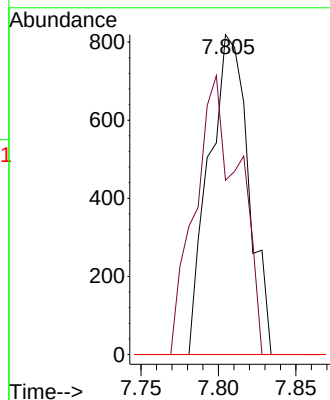
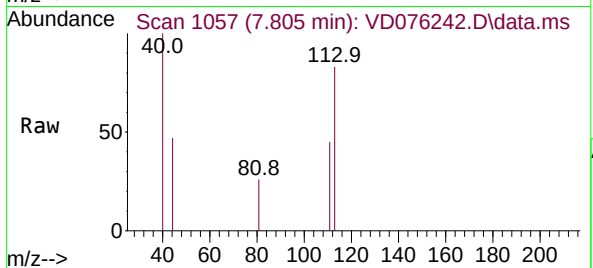
Tgt Ion:113 Resp: 1453

Ion Ratio Lower Upper

113 100

111 97.0 81.4 122.0

192 0.0 15.2 22.8#



#50

Toluene-d8

Concen: 28.675 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076242.D

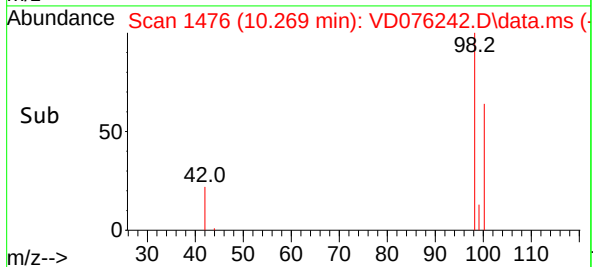
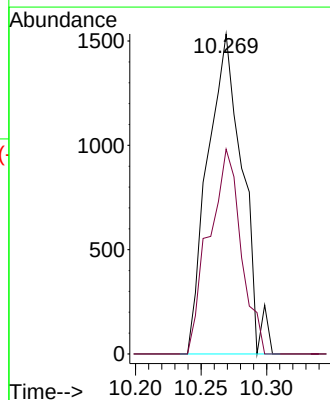
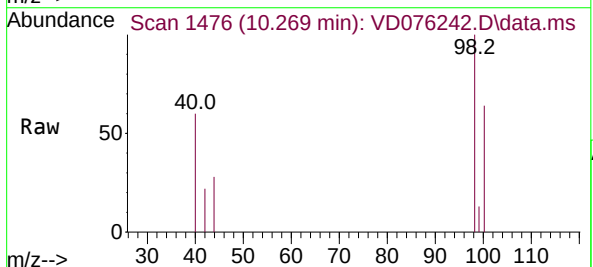
Acq: 25 May 2023 19:38

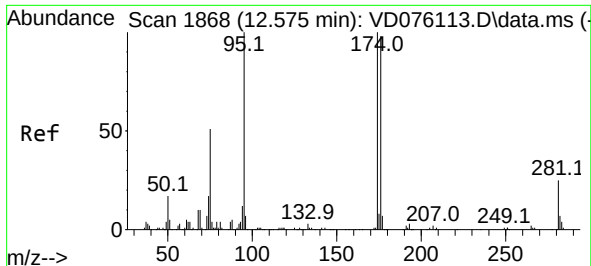
Tgt Ion: 98 Resp: 2821

Ion Ratio Lower Upper

98 100

100 59.4 52.1 78.1

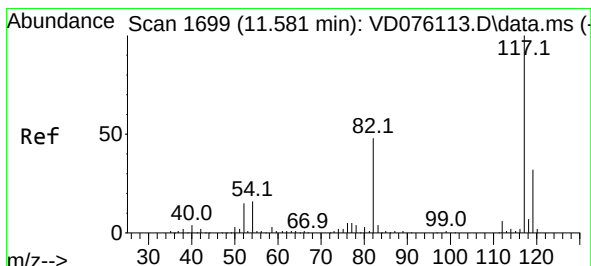
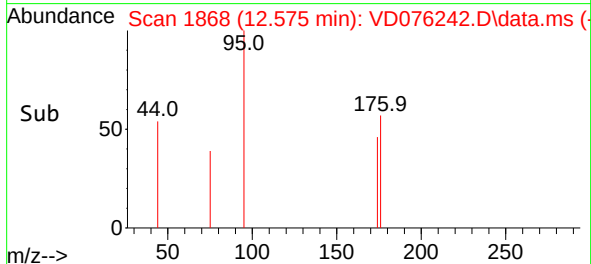
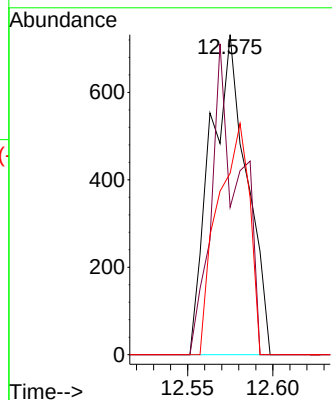
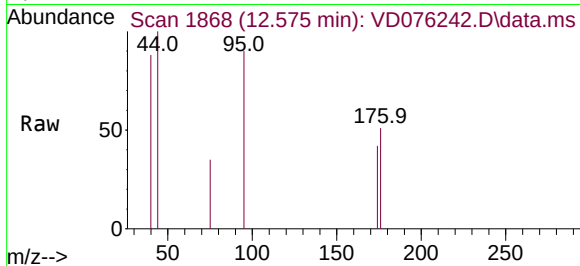




#62
4-Bromofluorobenzene
Concen: 39.886 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076242.D
Acq: 25 May 2023 19:38

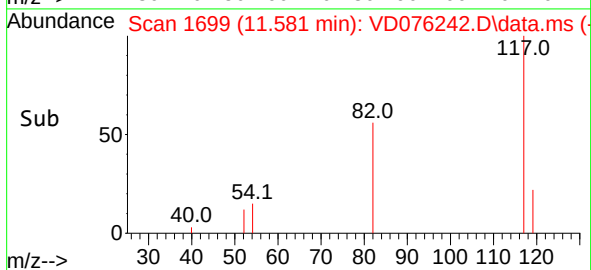
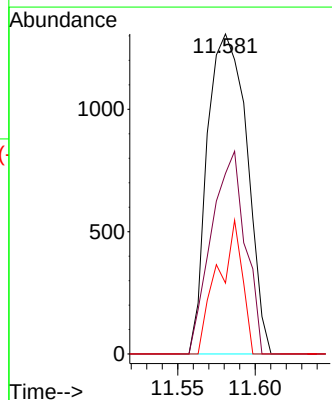
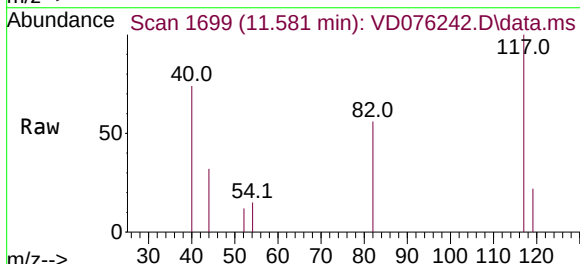
Instrument :
MSVOA_D
ClientSampleId :
TP-70A

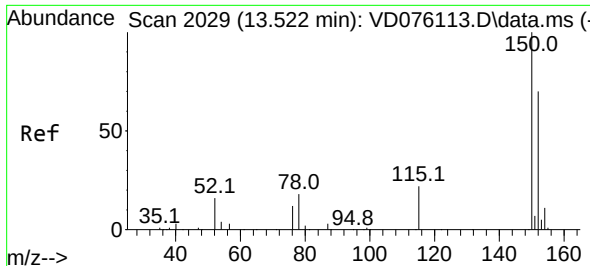
Tgt Ion:	95	Resp:	1090
Ion	Ratio	Lower	Upper
95	100		
174	75.2	0.0	164.0
176	63.1	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076242.D
Acq: 25 May 2023 19:38

Tgt Ion:	117	Resp:	2321
Ion	Ratio	Lower	Upper
117	100		
82	56.4	44.0	66.0
119	22.2	25.1	37.7#

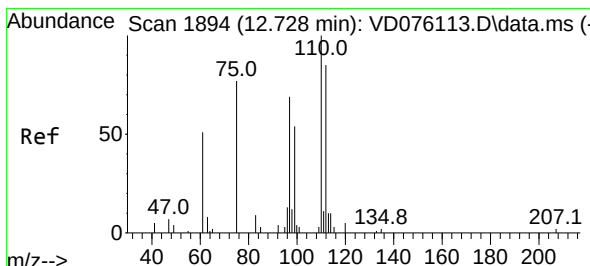
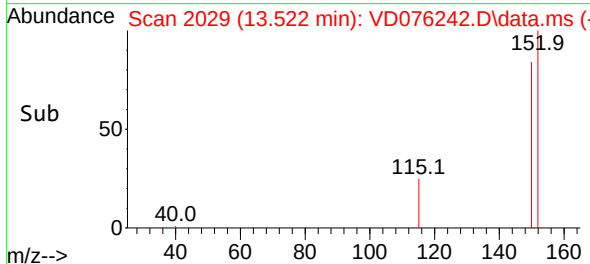
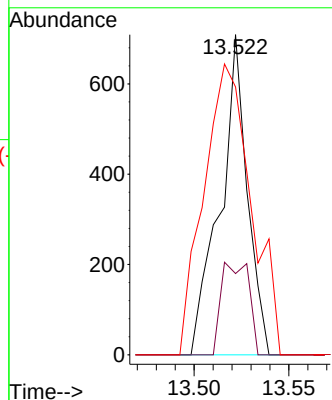
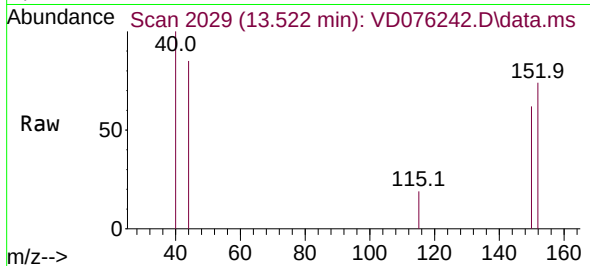




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076242.D
 Acq: 25 May 2023 19:38

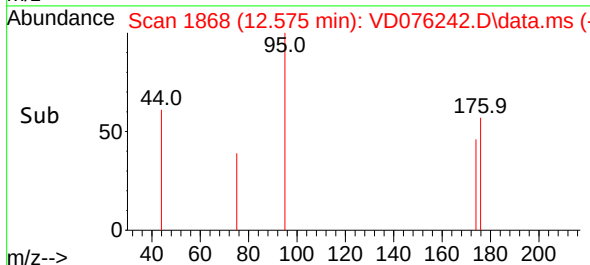
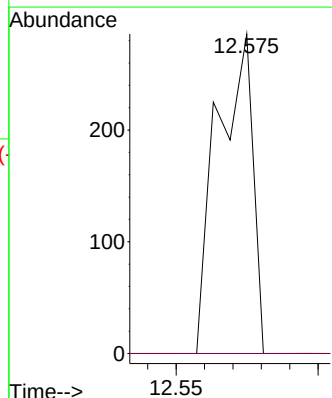
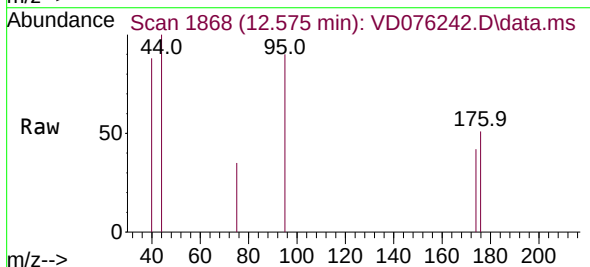
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-70A

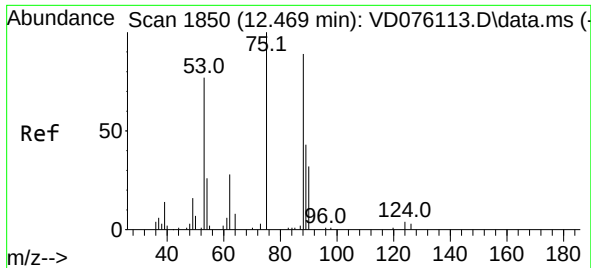
Tgt Ion:152 Resp: 707
 Ion Ratio Lower Upper
 152 100
 115 29.3 30.1 90.3#
 150 158.3 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 40.085 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076242.D
 Acq: 25 May 2023 19:38

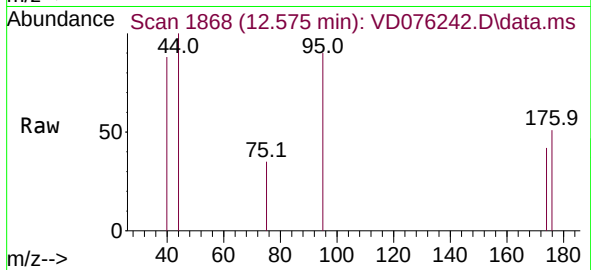
Tgt Ion: 75 Resp: 248
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.092 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076242.D
 Acq: 25 May 2023 19:38

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-70A



Tgt Ion: 75 Resp: 248

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

