

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076247.D
 Acq On : 25 May 2023 22:08
 Operator : KP/SY
 Sample : 02923-01
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052423

Quant Time: May 26 02:01:45 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)

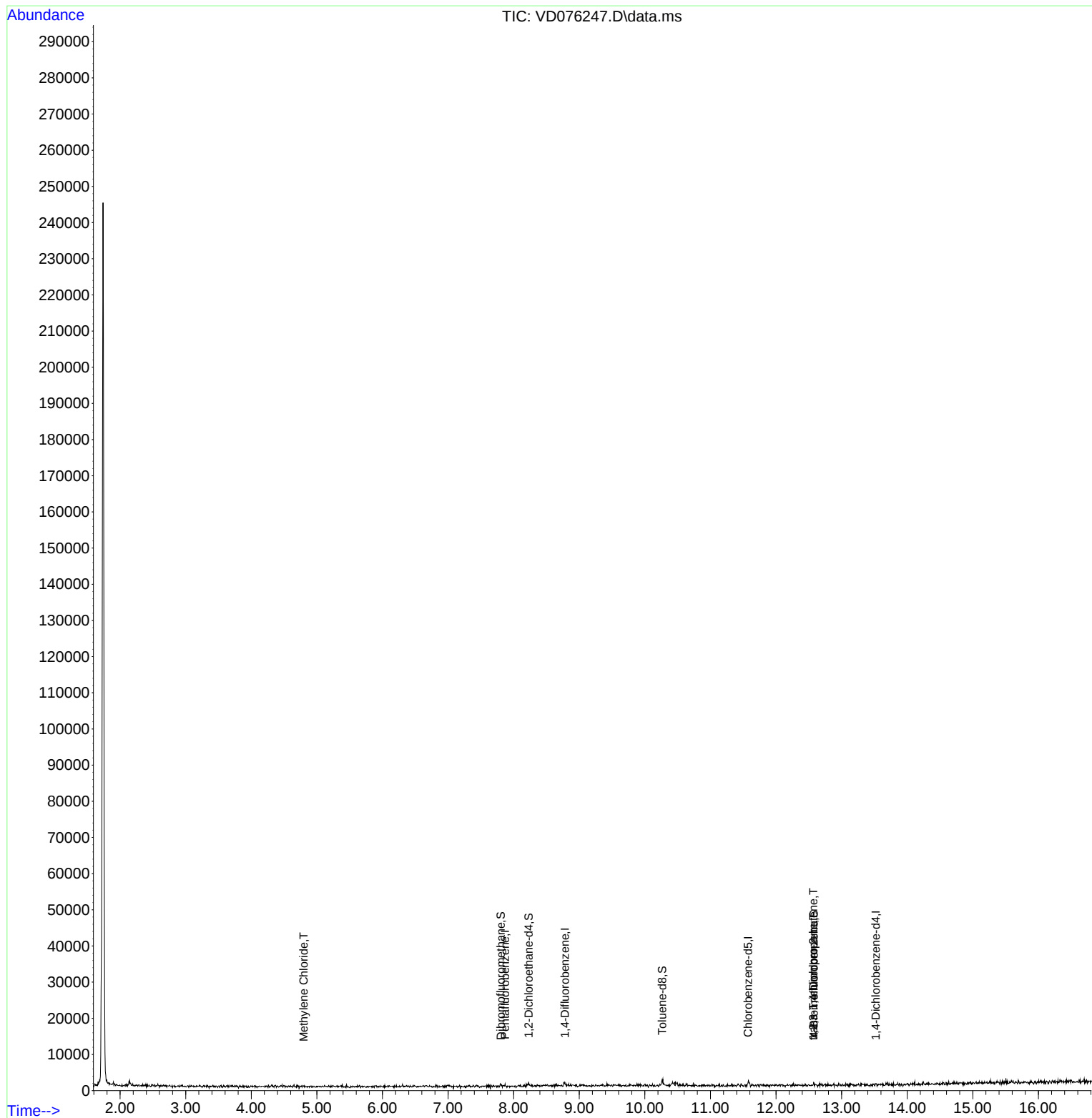
Internal Standards						
1) Pentafluorobenzene	7.869	168	186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	1225	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	1038	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	192	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	710	394.962	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 789.920%#	
35) Dibromofluoromethane	7.804	113	325	38.382	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 76.760%	
50) Toluene-d8	10.263	98	1416	42.898	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 85.800%	
62) 4-Bromofluorobenzene	12.575	95	215	23.448	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 46.900%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.798	84	55	12.465	ug/l #	4
76) 1,2,3-Trichloropropane	12.569	75	61	36.306	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	61	76.164	ug/l #	5

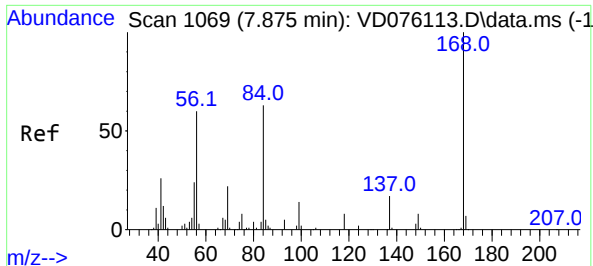
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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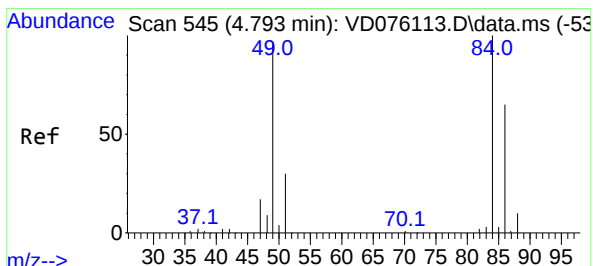
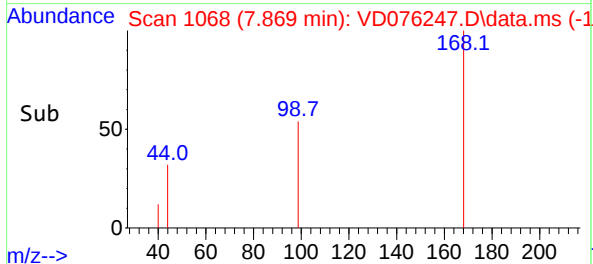
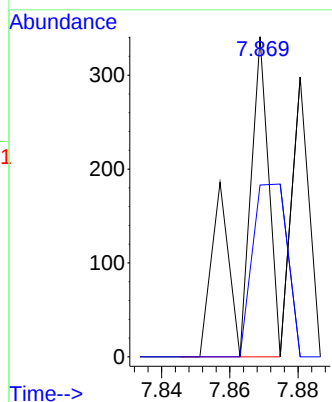
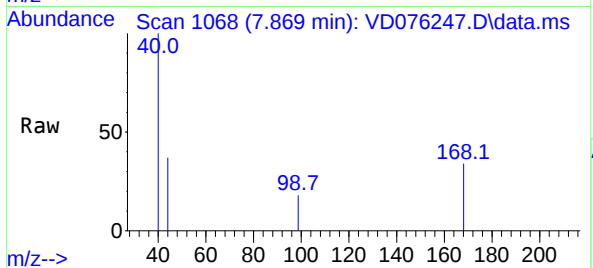




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

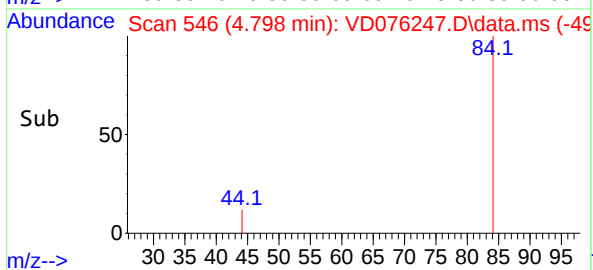
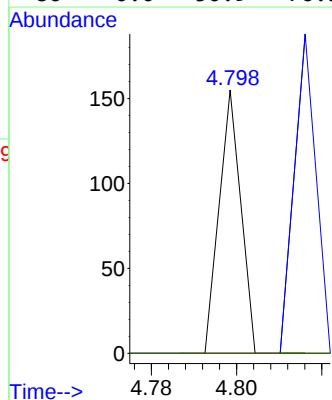
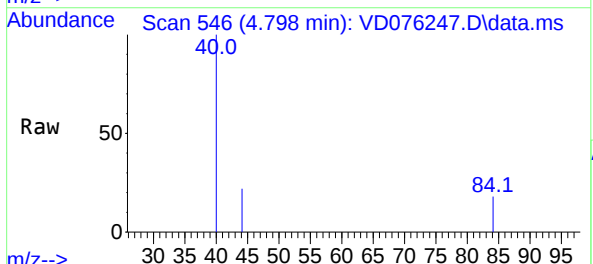
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

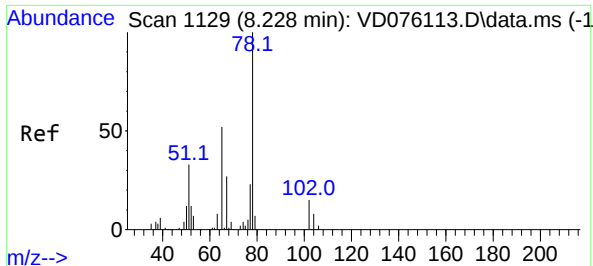
Tgt Ion:168 Resp: 186
Ion Ratio Lower Upper
168 100
99 53.7 43.8 65.6



#20
Methylene Chloride
Concen: 12.465 ug/l
RT: 4.798 min Scan# 546
Delta R.T. -0.001 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

Tgt Ion: 84 Resp: 55
Ion Ratio Lower Upper
84 100
49 0.0 106.4 159.6#
51 0.0 32.4 48.6#
86 0.0 50.9 76.3#

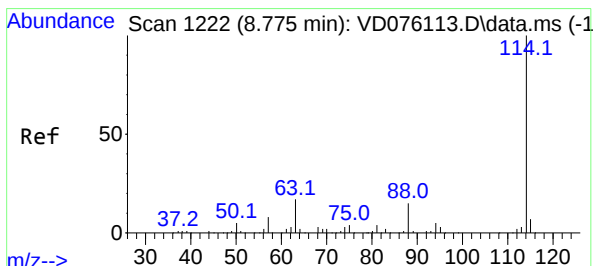
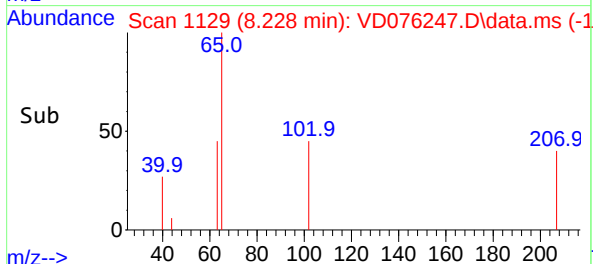
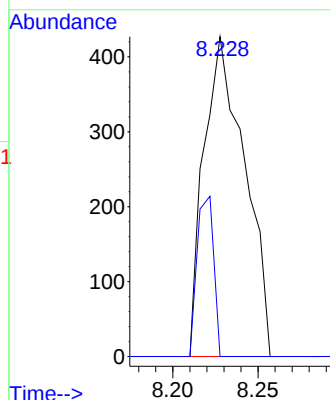
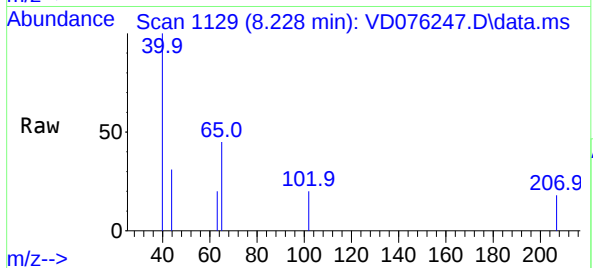




#33
1,2-Dichloroethane-d4
Concen: 394.962 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

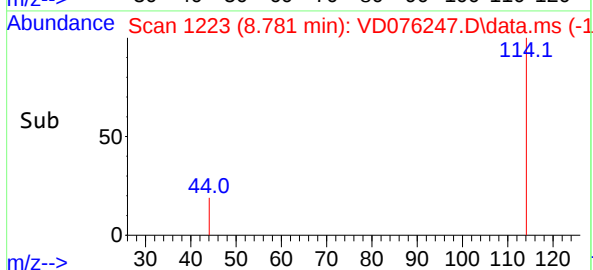
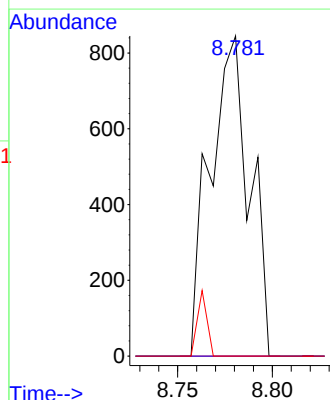
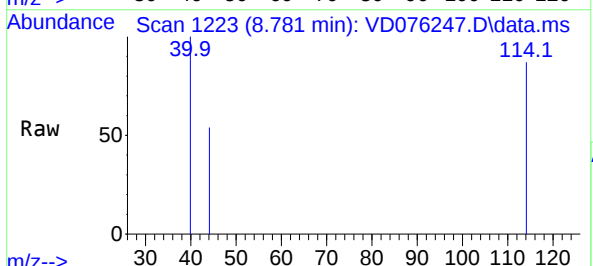
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

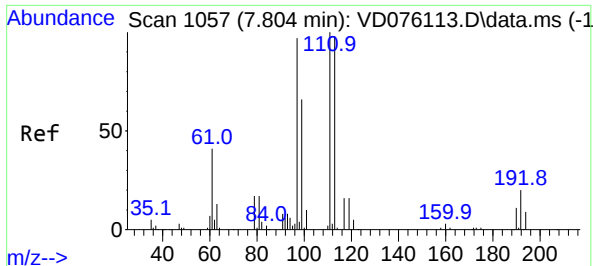
Tgt Ion: 65 Resp: 710
Ion Ratio Lower Upper
65 100
67 20.4 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.006 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

Tgt Ion: 114 Resp: 1225
Ion Ratio Lower Upper
114 100
63 0.0 0.0 41.6
88 0.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 38.382 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076247.D

Acq: 25 May 2023 22:08

Instrument :

MSVOA_D

ClientSampleId :

OR-03-052423

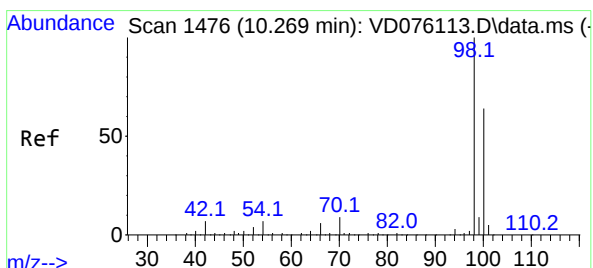
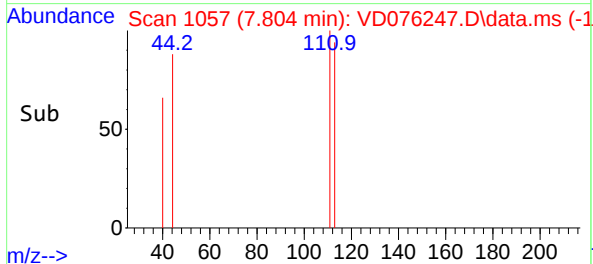
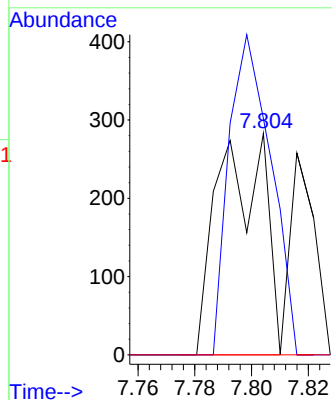
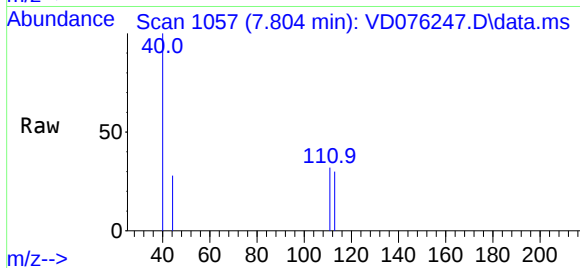
Tgt Ion:113 Resp: 325

Ion Ratio Lower Upper

113 100

111 129.5 81.4 122.0#

192 0.0 15.2 22.8#



#50

Toluene-d8

Concen: 42.898 ug/l

RT: 10.263 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VD076247.D

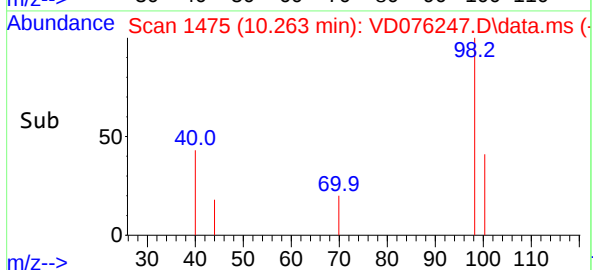
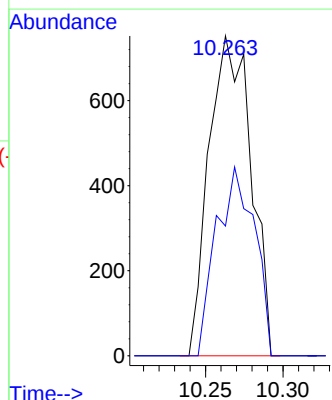
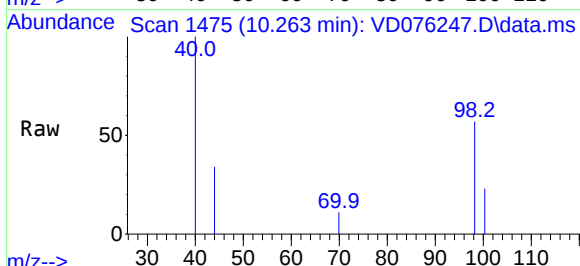
Acq: 25 May 2023 22:08

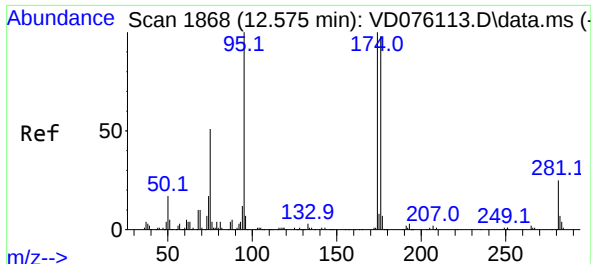
Tgt Ion: 98 Resp: 1416

Ion Ratio Lower Upper

98 100

100 53.5 52.1 78.1

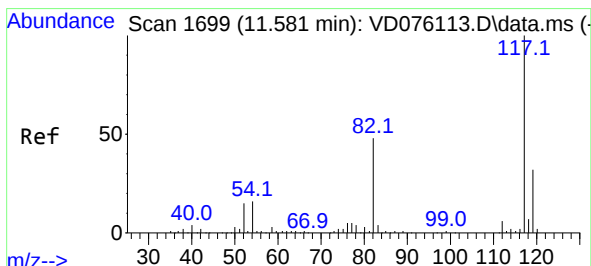
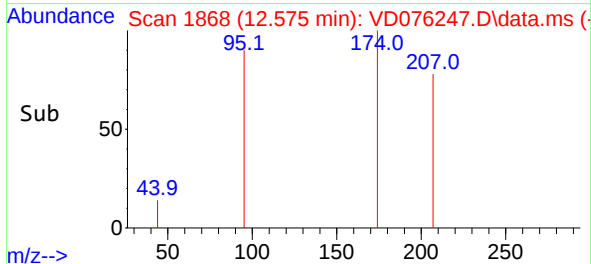
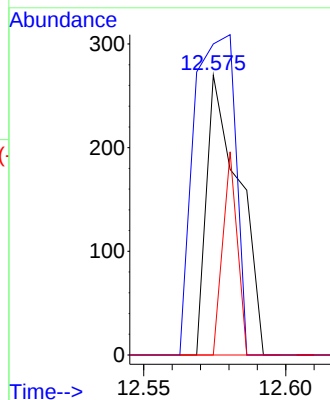
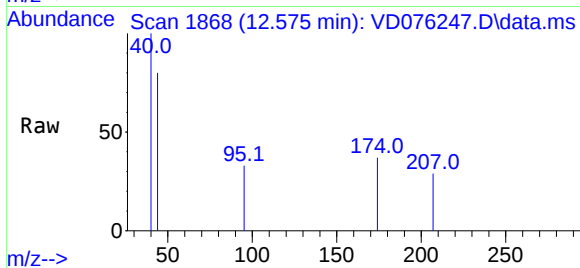




#62
4-Bromofluorobenzene
Concen: 23.448 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

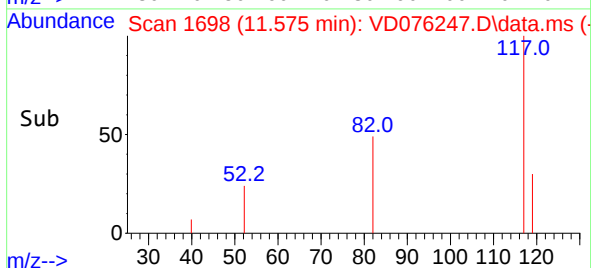
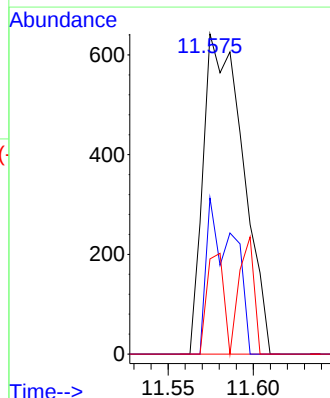
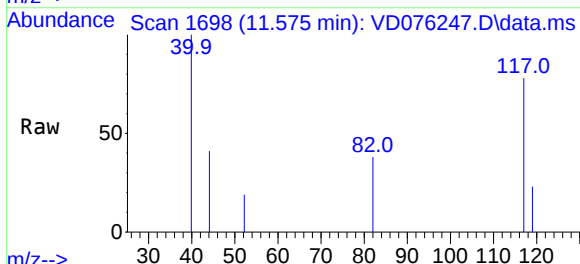
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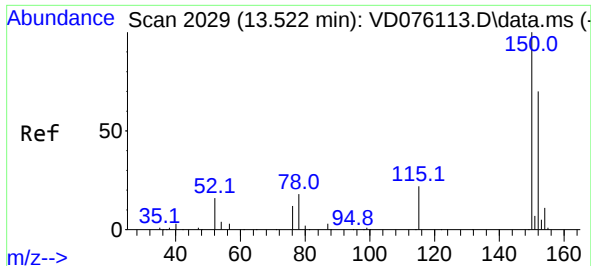
Tgt Ion:	95	Resp:	215
Ion	Ratio	Lower	Upper
95	100		
174	144.7	0.0	164.0
176	32.1	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

Tgt Ion:	117	Resp:	1038
Ion	Ratio	Lower	Upper
117	100		
82	48.8	44.0	66.0
119	29.8	25.1	37.7

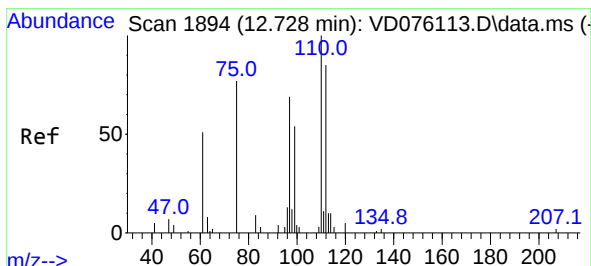
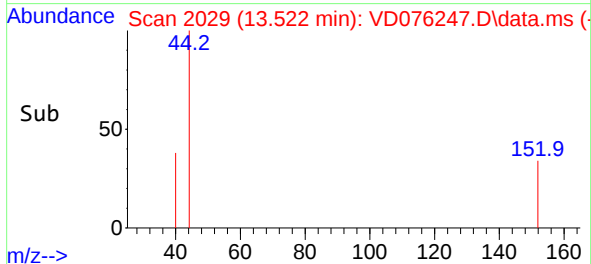
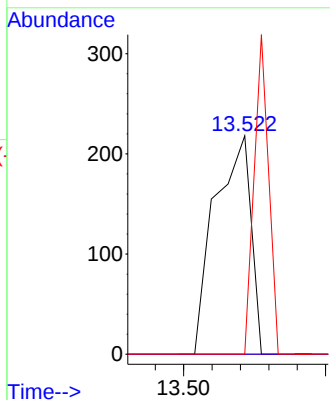
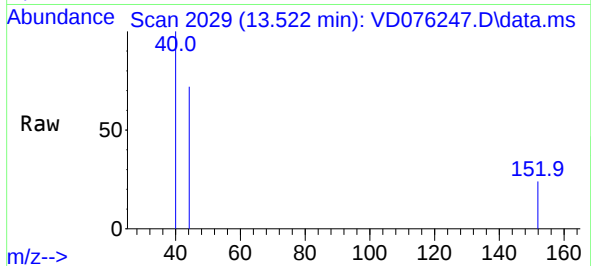




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

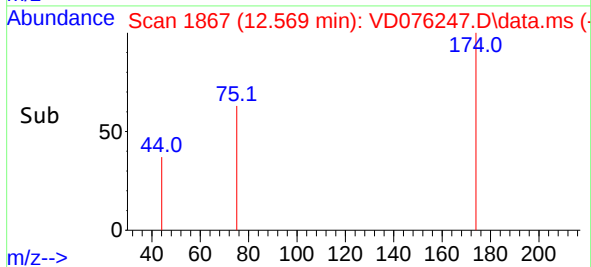
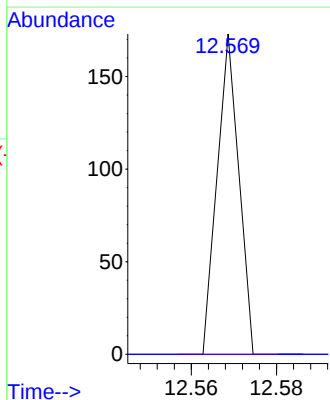
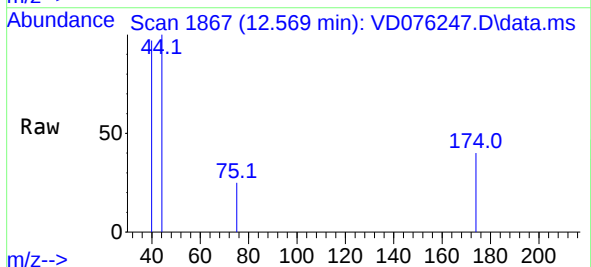
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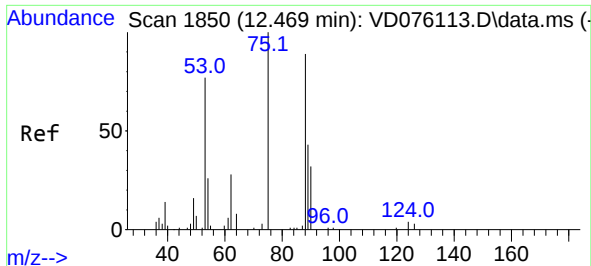
Tgt Ion:152 Resp: 192
Ion Ratio Lower Upper
152 100
115 0.0 30.1 90.3#
150 58.9 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 36.306 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

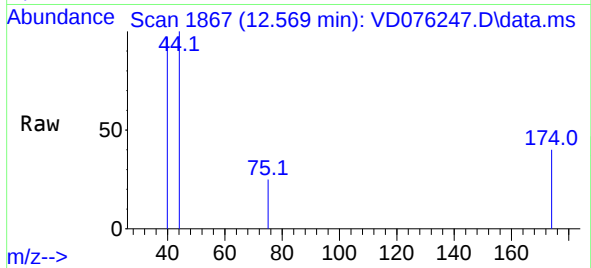
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 76.164 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.094 min
Lab File: VD076247.D
Acq: 25 May 2023 22:08

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423



Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

