

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076361.D
 Acq On : 07 Jun 2023 18:49
 Operator : KP/SY
 Sample : 03086-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-1-060723

Quant Time: Jun 08 01:19:20 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)

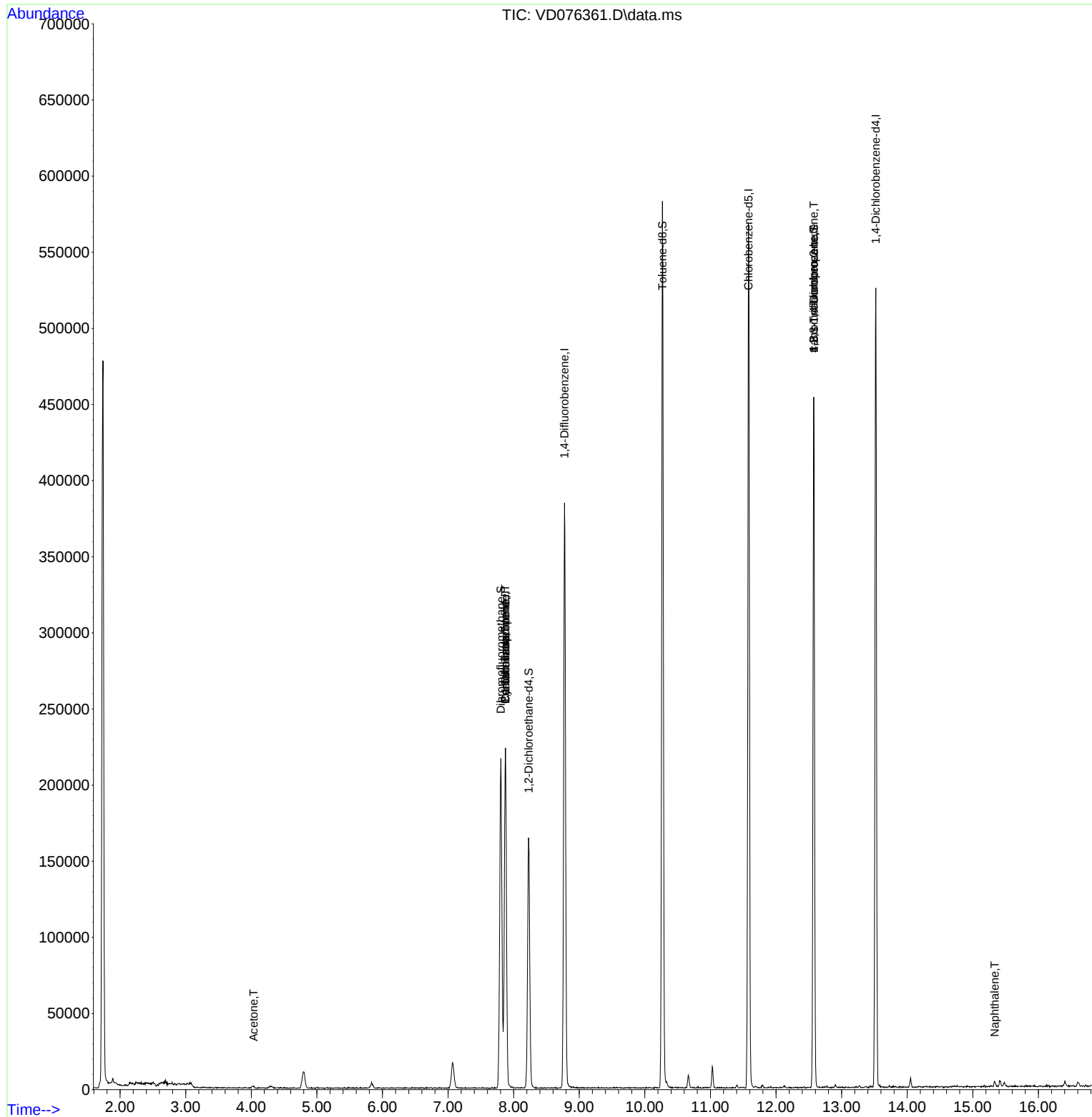
Internal Standards						
1) Pentafluorobenzene	7.875	168	187860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	369029	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	360765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124550	73.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.000%
35) Dibromofluoromethane	7.804	113	156328	66.719	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	133.440%
50) Toluene-d8	10.269	98	426434	45.711	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.420%
62) 4-Bromofluorobenzene	12.575	95	131496	53.262	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.520%
Target Compounds						
16) Acetone	4.034	43	1650	5.352	ug/l	88
20) Methylene Chloride	4.811	84	9713	Below Cal	#	91
31) Cyclohexane	7.875	56	3566	1.262	ug/l #	36
36) 1,1-Dichloropropene	7.875	75	13389	3.977	ug/l #	46
38) Carbon Tetrachloride	7.875	117	17110	5.798	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	66483	45.777	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	66483	109.638	ug/l #	17
95) Naphthalene	15.334	128	3697	3.914	ug/l #	94

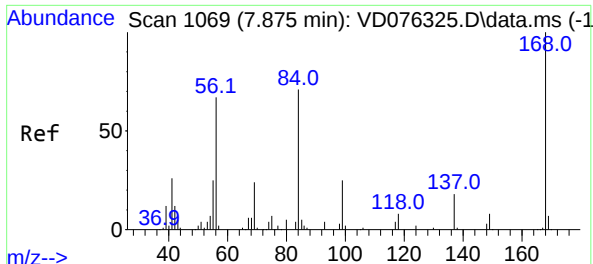
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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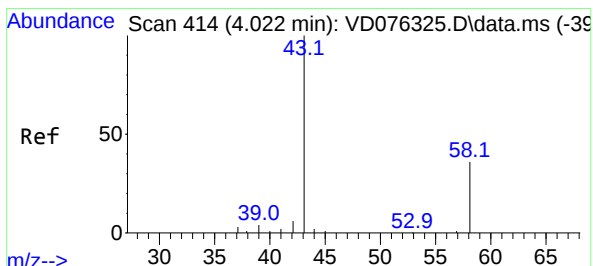
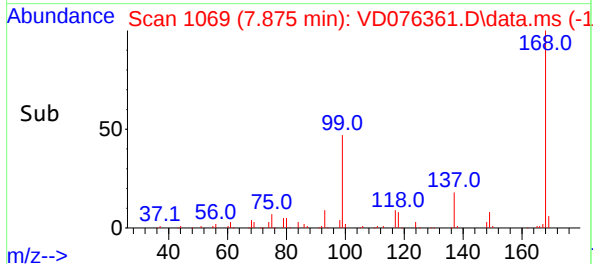
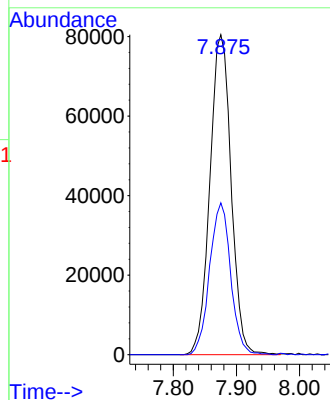
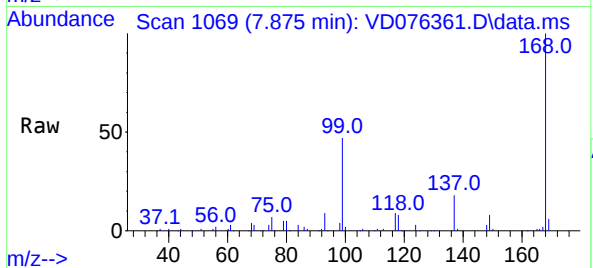




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

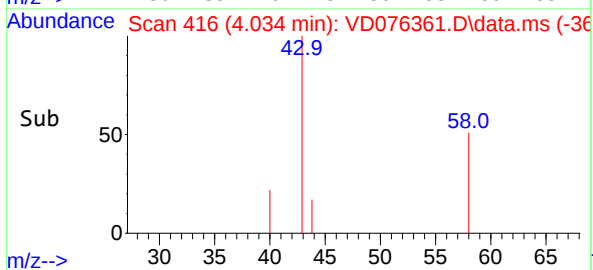
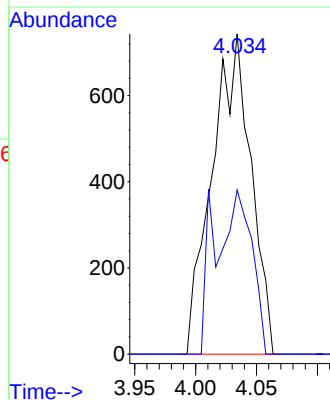
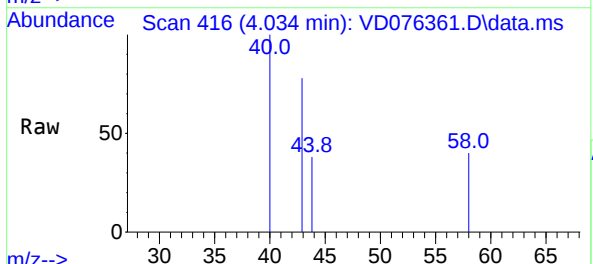
Instrument :
MSVOA_D
ClientSampleId :
HD-1-060723

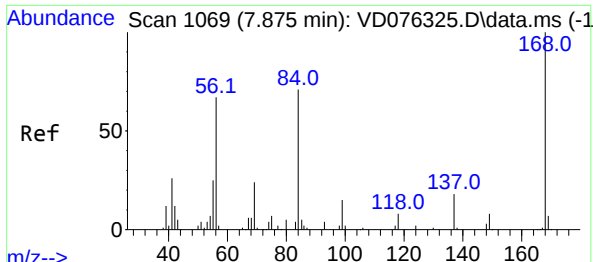
Tgt Ion:168 Resp: 187860
Ion Ratio Lower Upper
168 100
99 47.5 36.7 55.1



#16
Acetone
Concen: 5.352 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

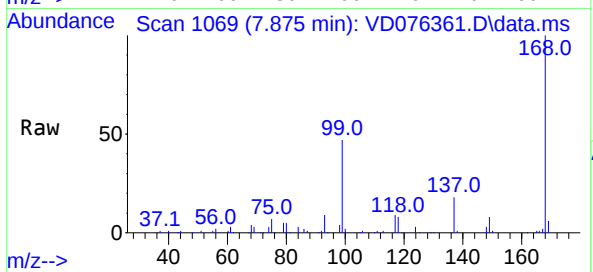
Tgt Ion: 43 Resp: 1650
Ion Ratio Lower Upper
43 100
58 51.3 34.7 52.1



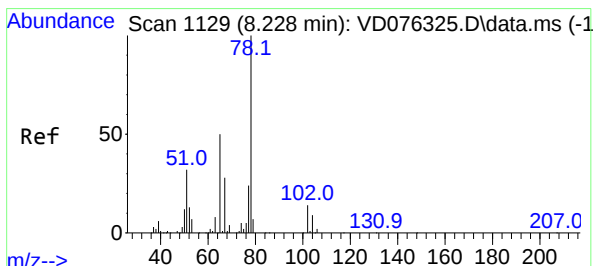
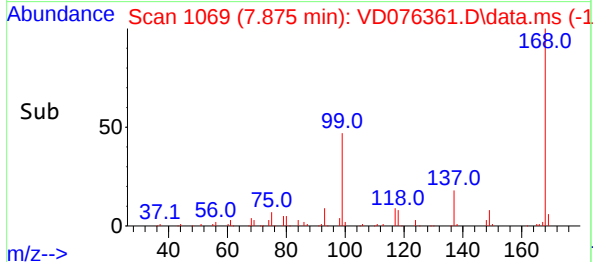
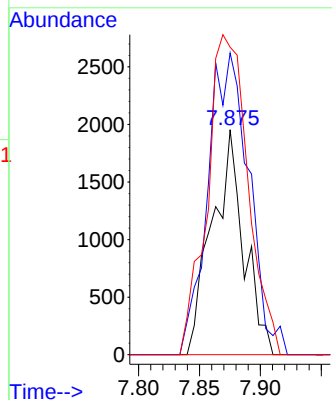


#31
Cyclohexane
Concen: 1.262 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
HD-1-060723

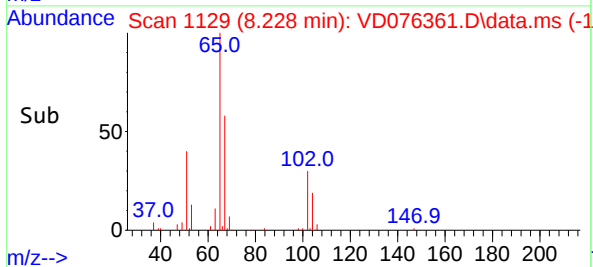
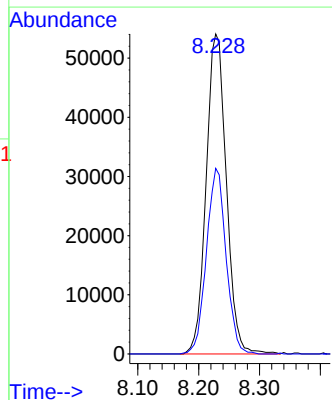
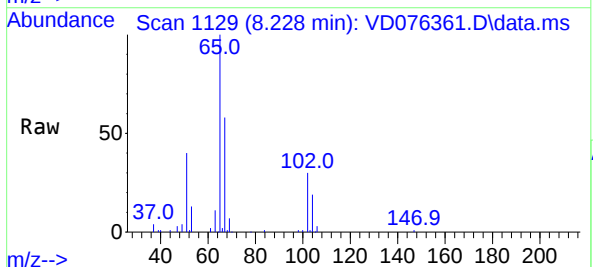


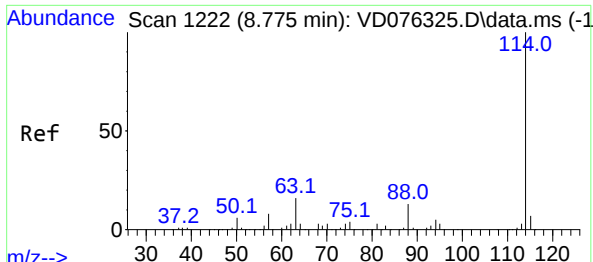
Tgt Ion: 56 Resp: 3566
Ion Ratio Lower Upper
56 100
69 134.1 28.6 43.0#
84 136.7 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 73.995 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 65 Resp: 124550
Ion Ratio Lower Upper
65 100
67 56.5 0.0 115.0

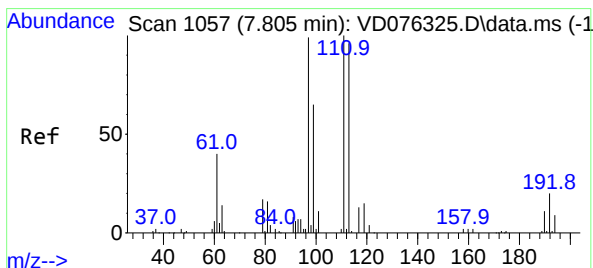
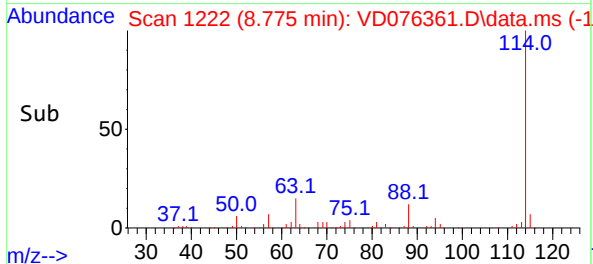
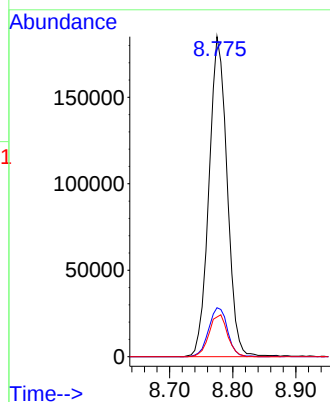
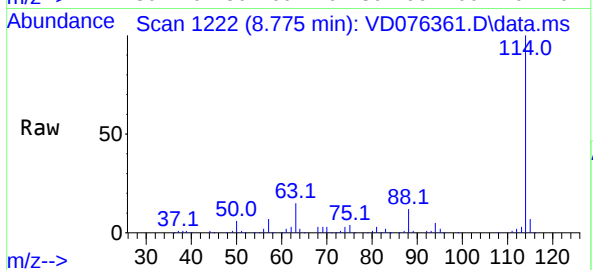




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

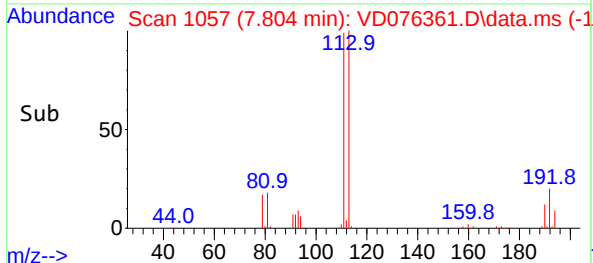
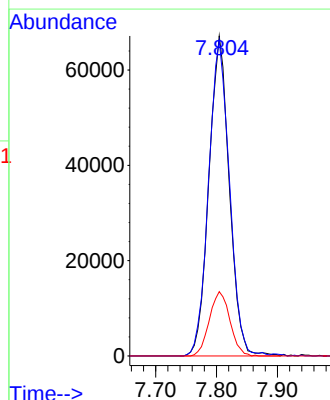
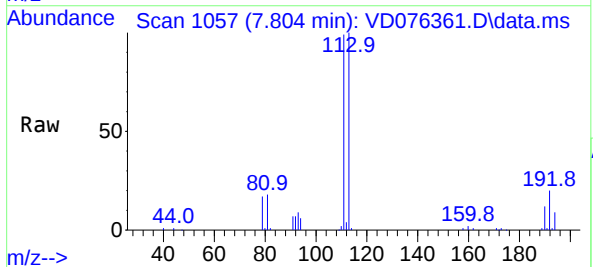
Instrument :
MSVOA_D
ClientSampleId :
HD-1-060723

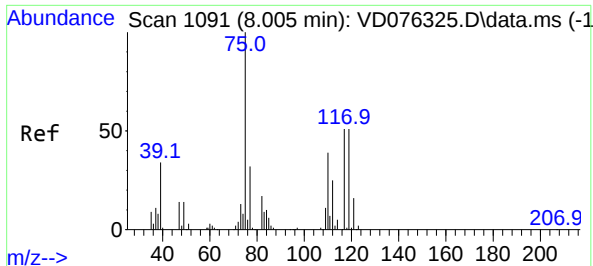
Tgt Ion:114 Resp: 369029
Ion Ratio Lower Upper
114 100
63 15.3 0.0 33.4
88 12.4 0.0 26.2



#35
Dibromofluoromethane
Concen: 66.719 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion:113 Resp: 156328
Ion Ratio Lower Upper
113 100
111 100.9 84.7 127.1
192 20.3 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.977 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD076361.D

Acq: 07 Jun 2023 18:49

Instrument :

MSVOA_D

ClientSampleId :

HD-1-060723

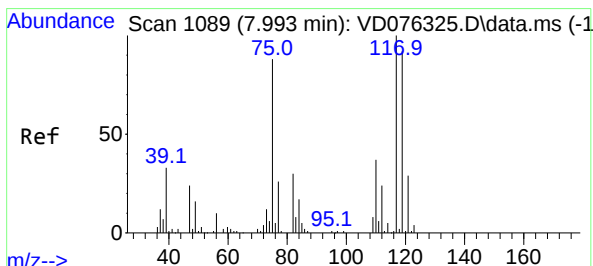
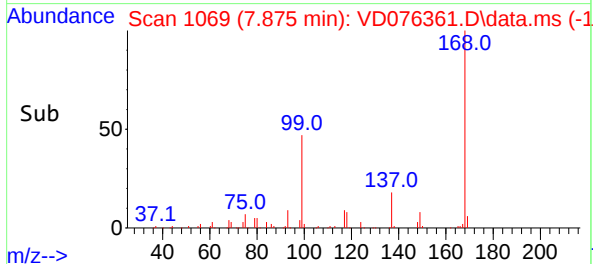
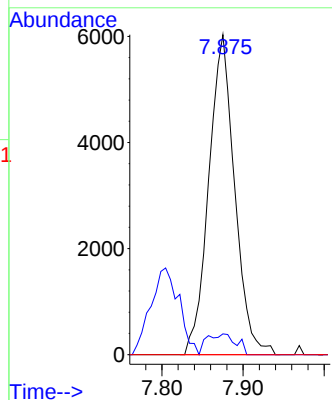
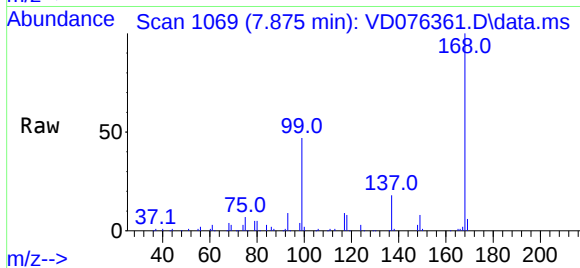
Tgt Ion: 75 Resp: 13389

Ion Ratio Lower Upper

75 100

110 7.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.798 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076361.D

Acq: 07 Jun 2023 18:49

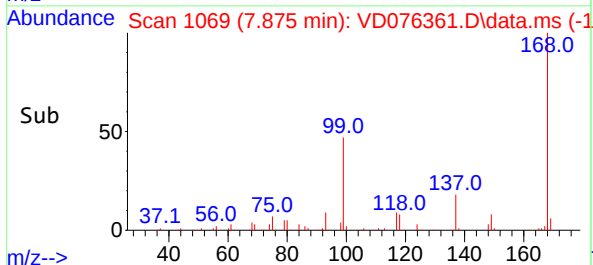
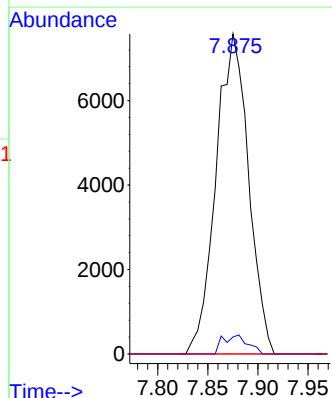
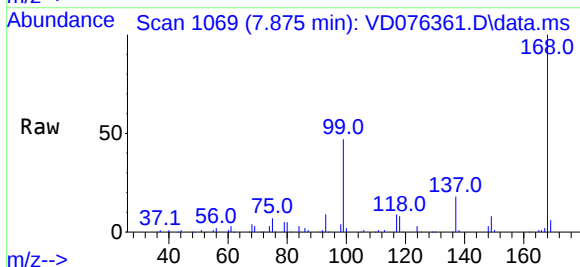
Tgt Ion: 117 Resp: 17110

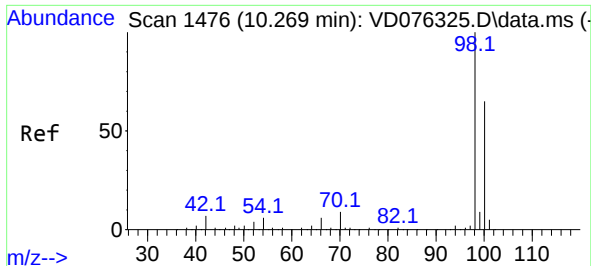
Ion Ratio Lower Upper

117 100

119 5.3 78.0 117.0#

121 0.0 24.2 36.2#

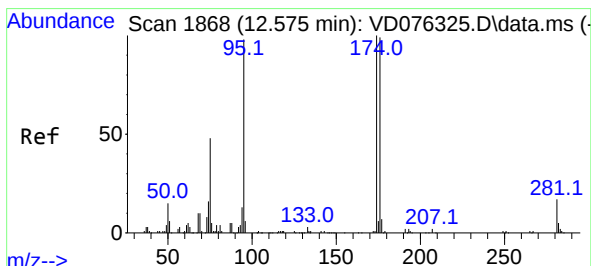
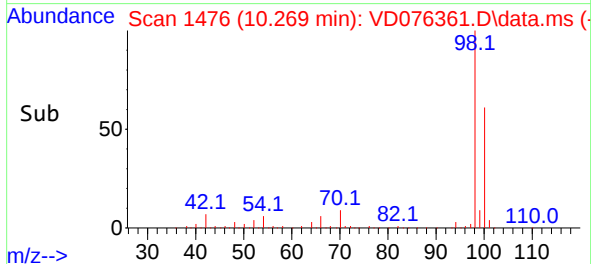
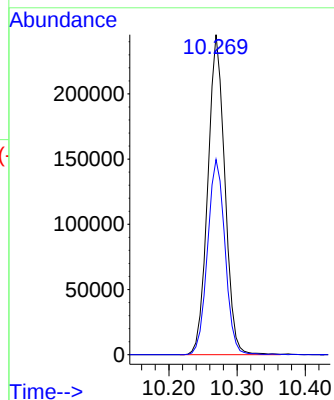
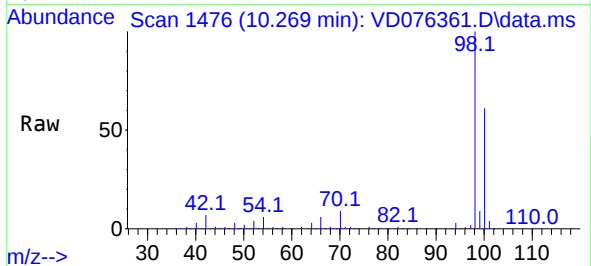




#50
Toluene-d8
Concen: 45.711 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

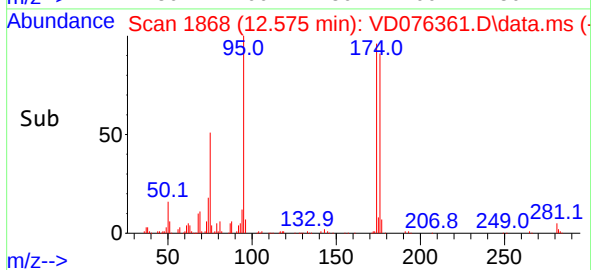
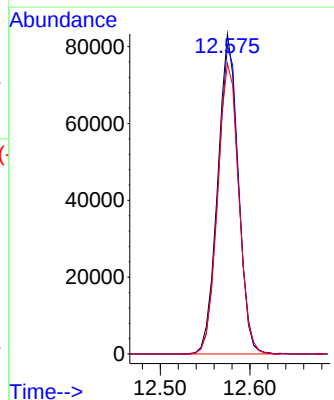
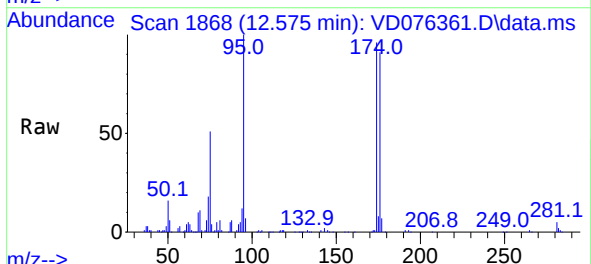
Instrument :
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ClientSampleId :
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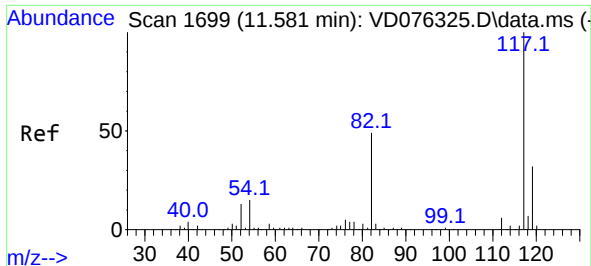
Tgt Ion: 98 Resp: 426434
Ion Ratio Lower Upper
98 100
100 62.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 53.262 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion: 95 Resp: 131496
Ion Ratio Lower Upper
95 100
174 97.9 0.0 201.8
176 93.9 0.0 191.8

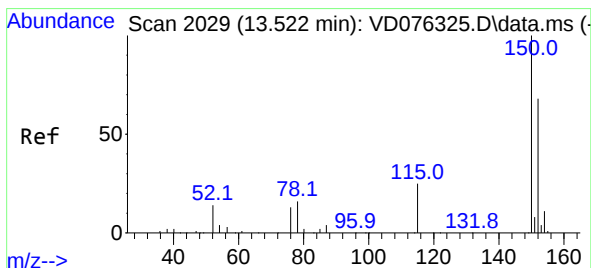
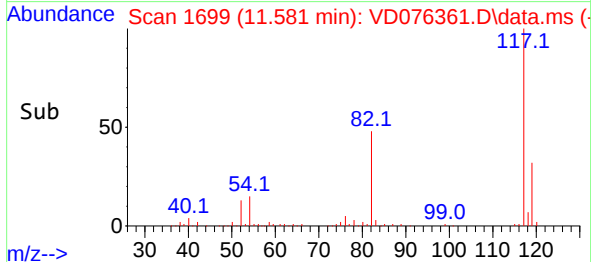
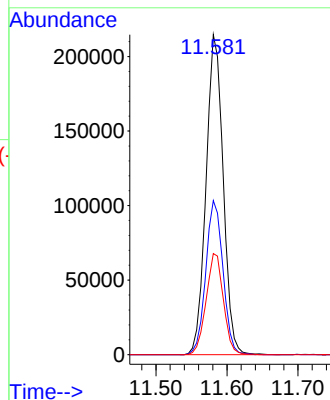
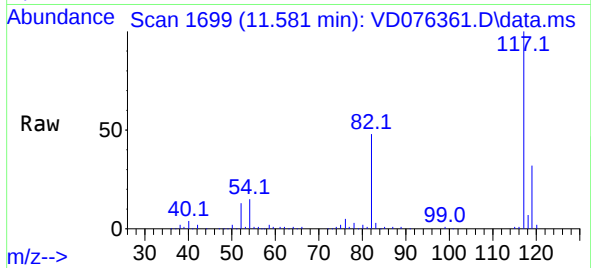




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

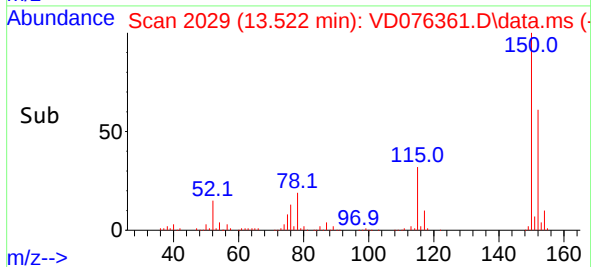
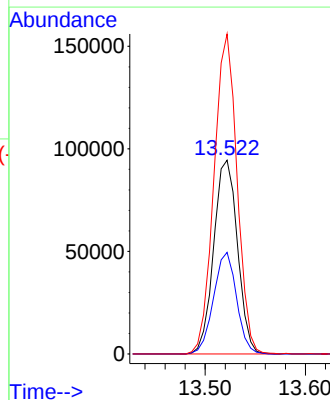
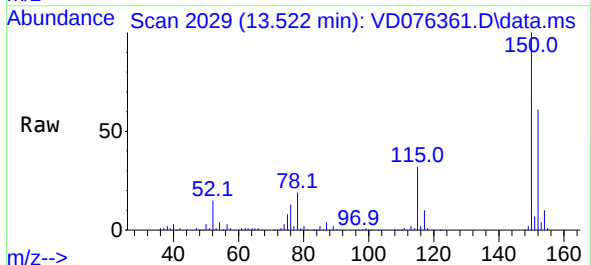
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MSVOA_D
ClientSampleId :
HD-1-060723

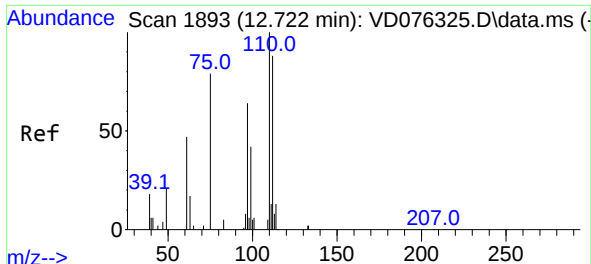
Tgt Ion:117 Resp: 360765
Ion Ratio Lower Upper
117 100
82 48.2 38.3 57.5
119 31.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Tgt Ion:152 Resp: 155585
Ion Ratio Lower Upper
152 100
115 50.9 27.1 81.3
150 160.3 0.0 353.6

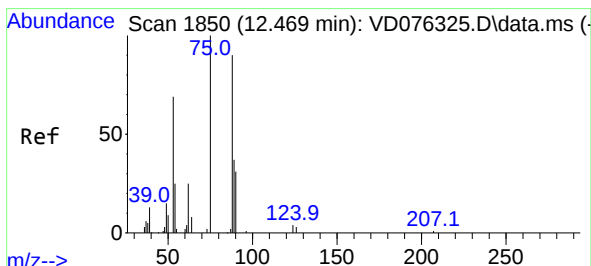
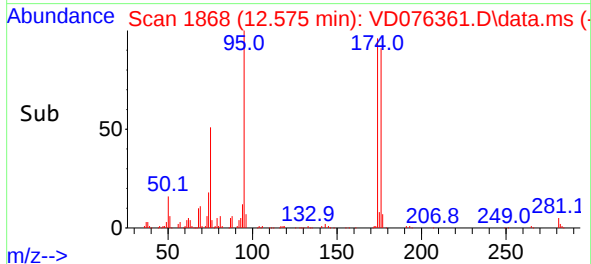
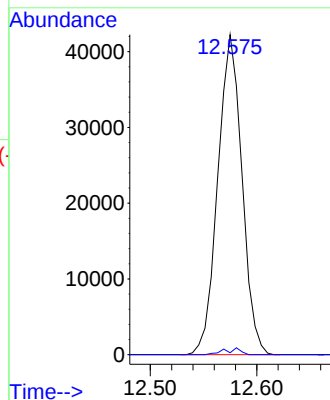
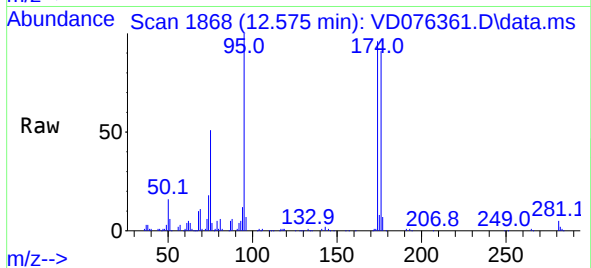




#76
1,2,3-Trichloropropane
Concen: 45.777 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

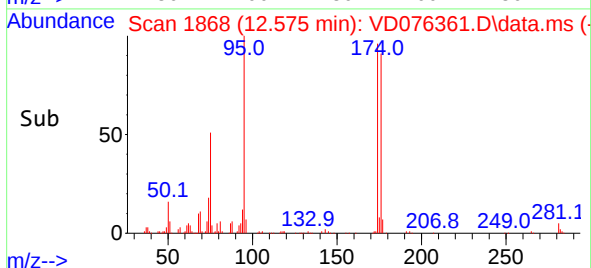
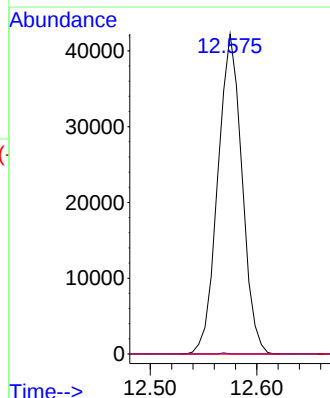
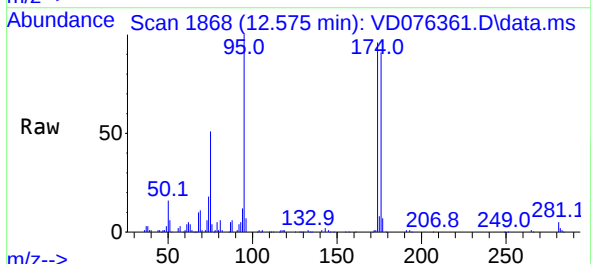
Instrument :
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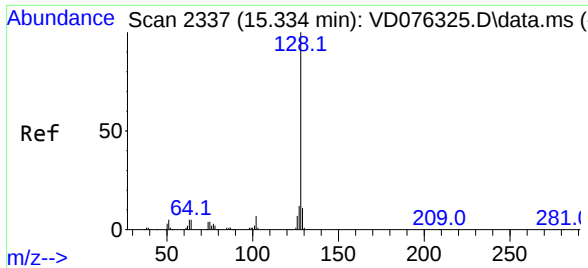
Tgt Ion: 75 Resp: 66483
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.638 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

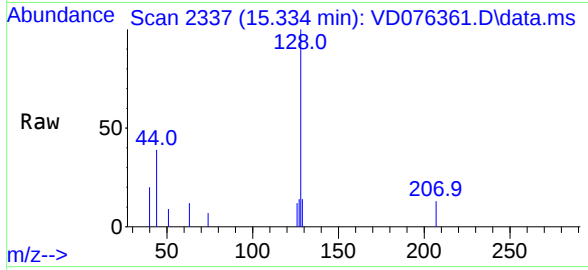
Tgt Ion: 75 Resp: 66483
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.914 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076361.D
Acq: 07 Jun 2023 18:49

Instrument :
MSVOA_D
ClientSampleId :
HD-1-060723



Tgt Ion:128 Resp: 3697

Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.5	15.7
129	14.3	8.7	13.1#

