

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076347.D
 Acq On : 06 Jun 2023 18:34
 Operator : KP/SY
 Sample : 03049-01
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-01-060523

Quant Time: Jun 07 06:12:01 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)

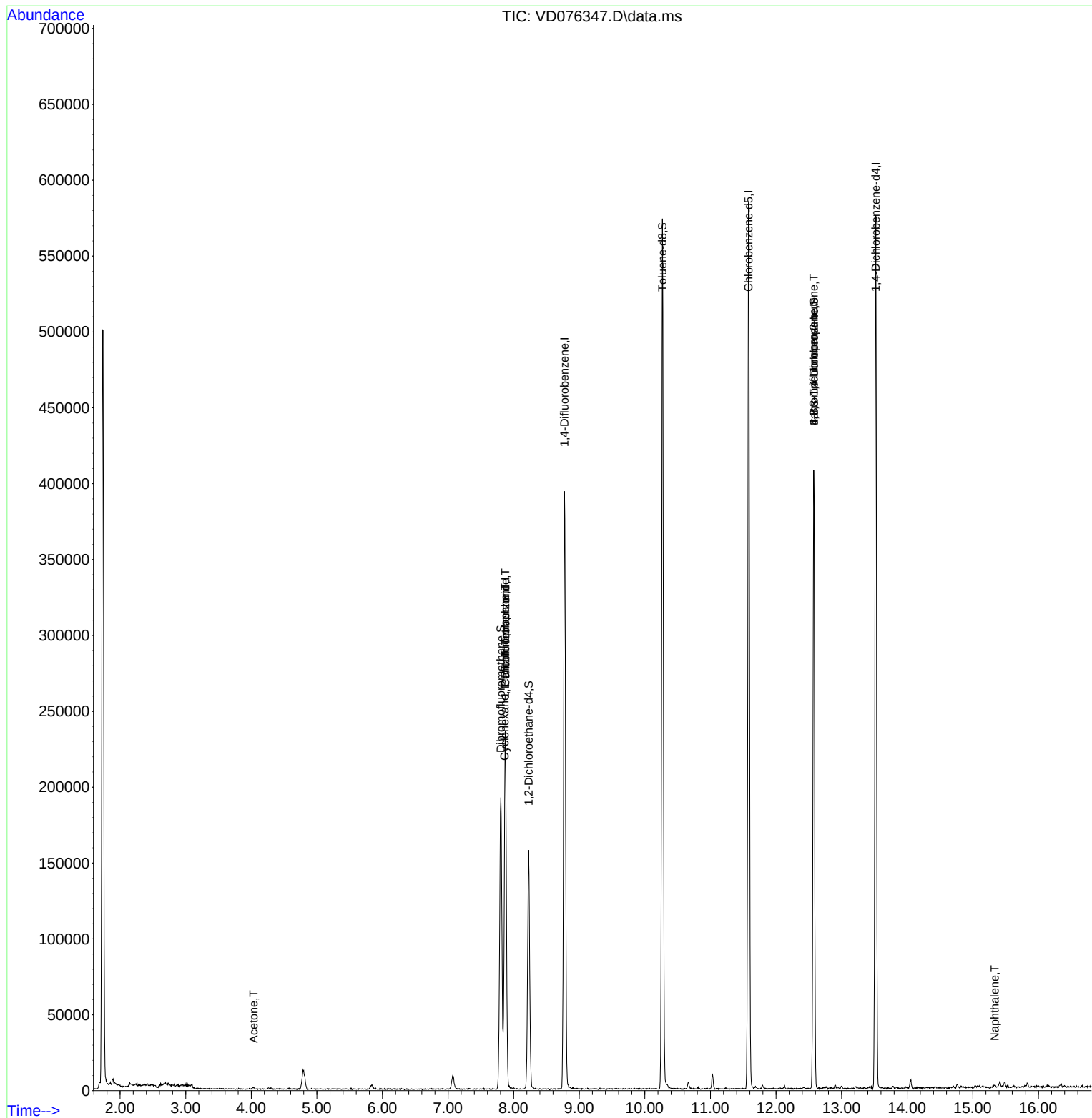
Internal Standards						
1) Pentafluorobenzene	7.875	168	197782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	387488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	374289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	168671	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115151	64.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.960%	
35) Dibromofluoromethane	7.804	113	143260	58.229	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.460%	
50) Toluene-d8	10.269	98	414386	42.303	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 84.600%	
62) 4-Bromofluorobenzene	12.575	95	124145	47.889	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 95.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	1339	4.125	ug/l #	74
20) Methylene Chloride	4.787	84	10894	Below Cal	#	82
31) Cyclohexane	7.863	56	3796	1.276	ug/l #	54
36) 1,1-Dichloropropene	7.869	75	13463	3.809	ug/l #	45
38) Carbon Tetrachloride	7.875	117	17962	5.797	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	60958	38.716	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	60958	92.728	ug/l #	17
95) Naphthalene	15.333	128	1998	3.602	ug/l #	83

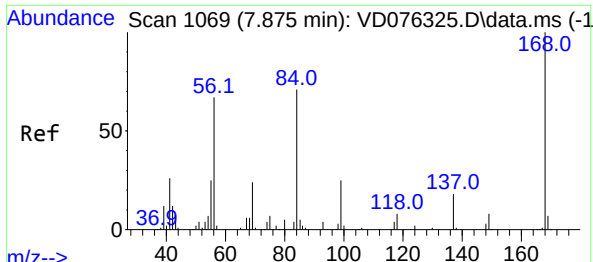
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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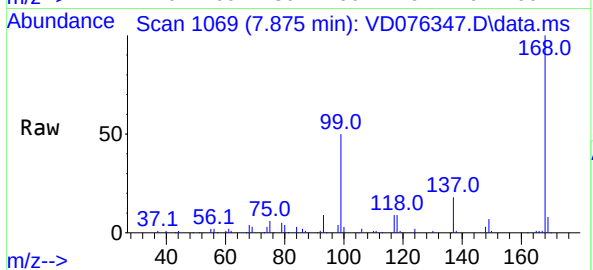
Quant Time: Jun 07 06:12:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



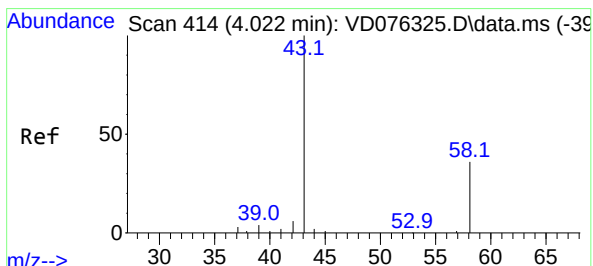
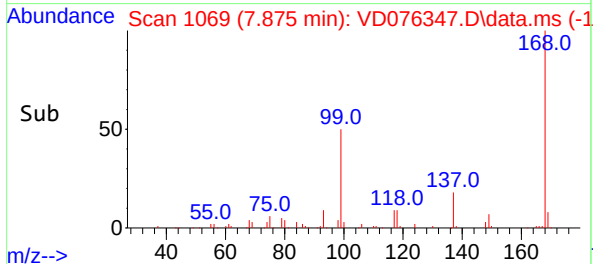
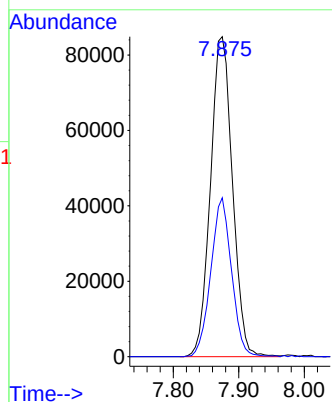


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

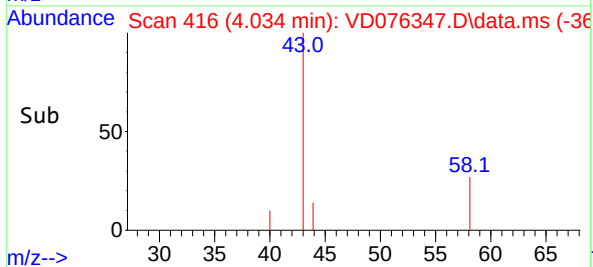
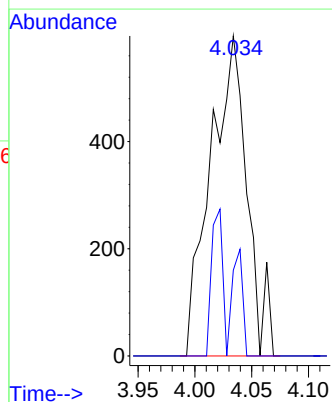
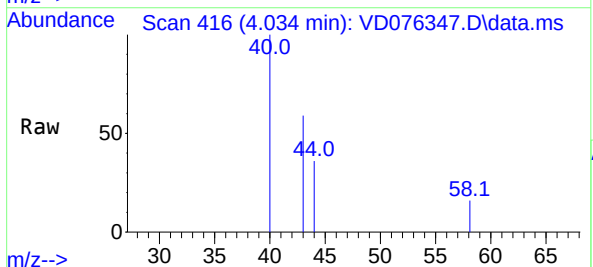


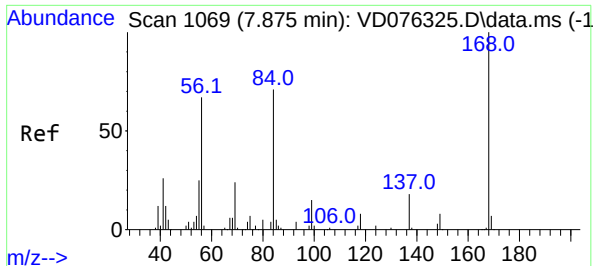
Tgt Ion:168 Resp: 197782
Ion Ratio Lower Upper
168 100
99 49.7 36.7 55.1



#16
Acetone
Concen: 4.125 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.011 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion: 43 Resp: 1339
Ion Ratio Lower Upper
43 100
58 26.8 34.7 52.1#

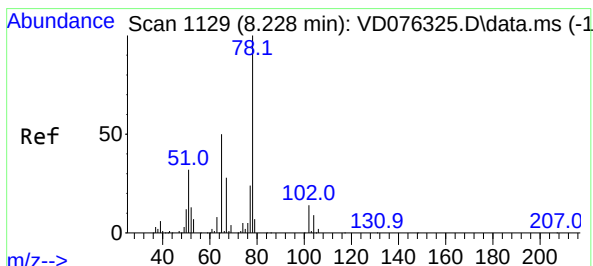
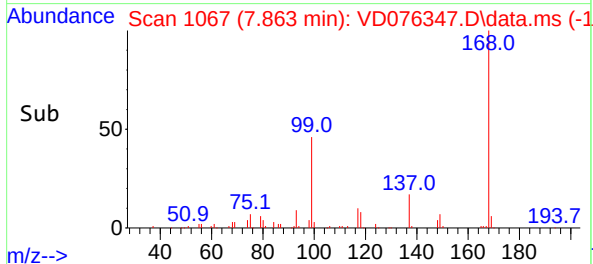
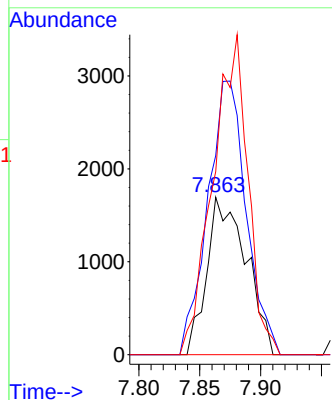
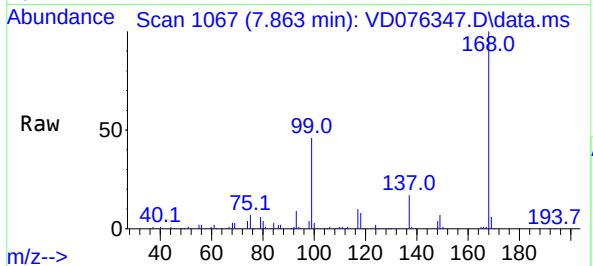




#31
Cyclohexane
Concen: 1.276 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

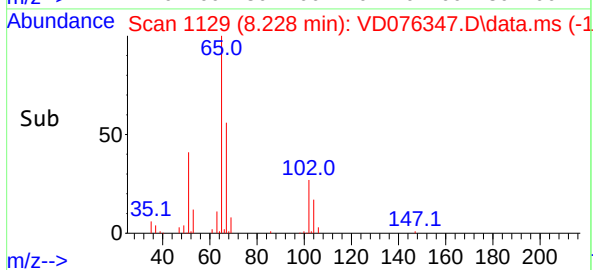
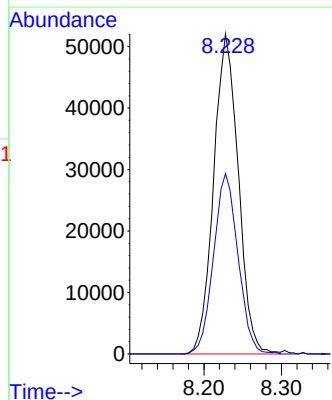
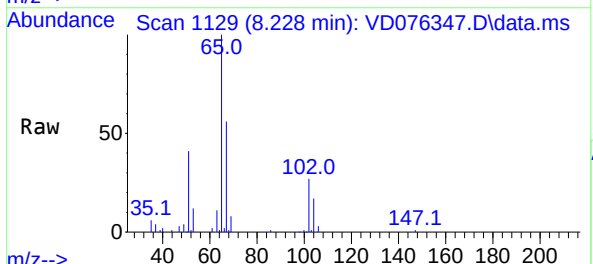
Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

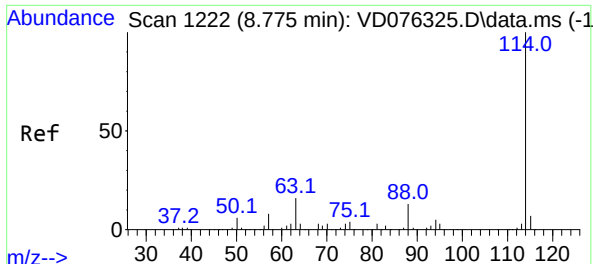
Tgt Ion: 56 Resp: 3796
Ion Ratio Lower Upper
56 100
69 126.4 28.6 43.0#
84 116.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 64.979 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion: 65 Resp: 115151
Ion Ratio Lower Upper
65 100
67 56.0 0.0 115.0

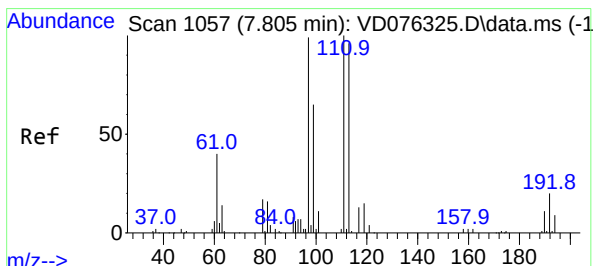
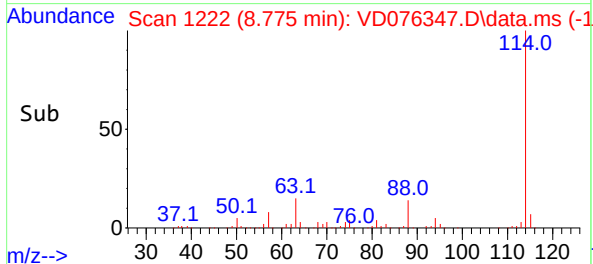
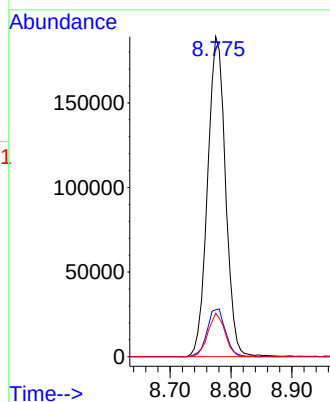
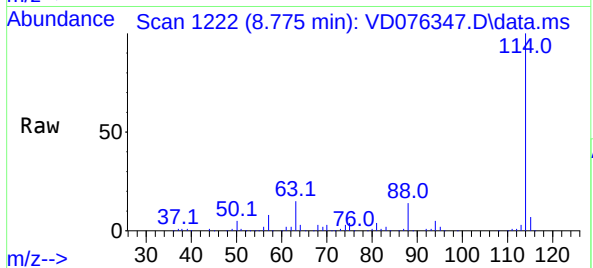




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

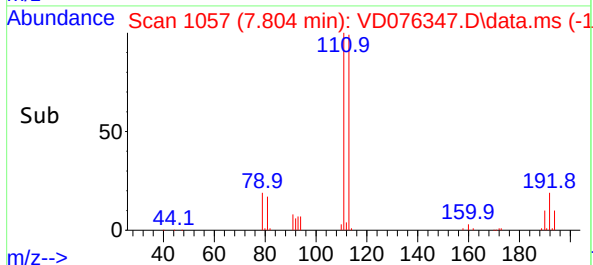
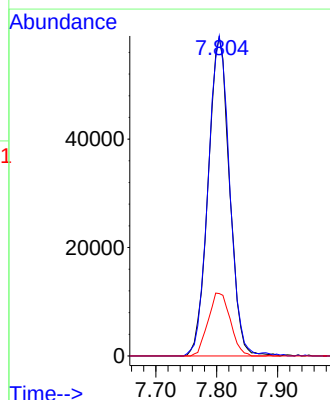
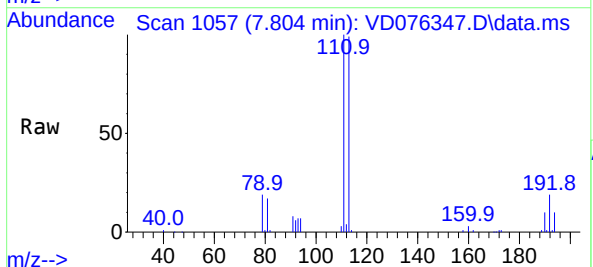
Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

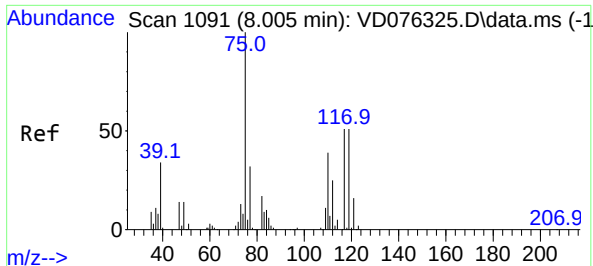
Tgt Ion:114 Resp: 387488
Ion Ratio Lower Upper
114 100
63 14.6 0.0 33.4
88 13.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 58.229 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion:113 Resp: 143260
Ion Ratio Lower Upper
113 100
111 100.5 84.7 127.1
192 20.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.809 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD076347.D

Acq: 06 Jun 2023 18:34

Instrument :

MSVOA_D

ClientSampleId :

HR-01-060523

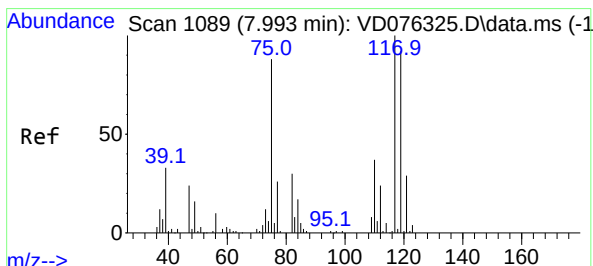
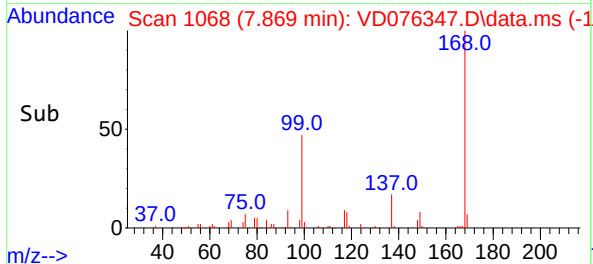
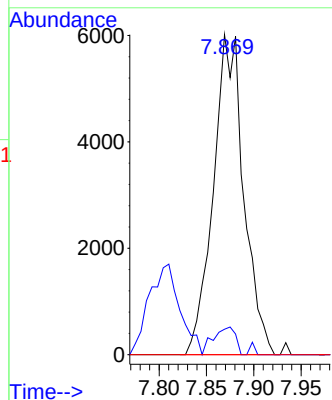
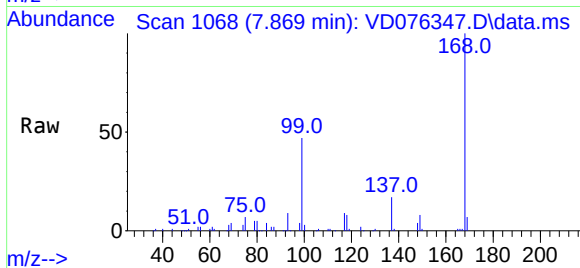
Tgt Ion: 75 Resp: 13463

Ion Ratio Lower Upper

75 100

110 6.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.797 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD076347.D

Acq: 06 Jun 2023 18:34

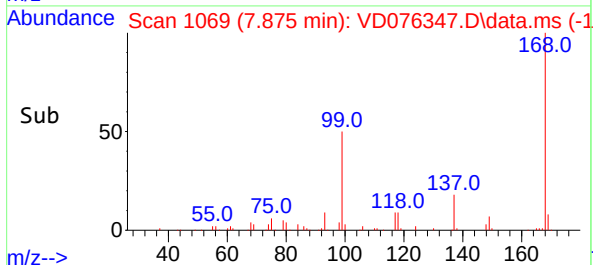
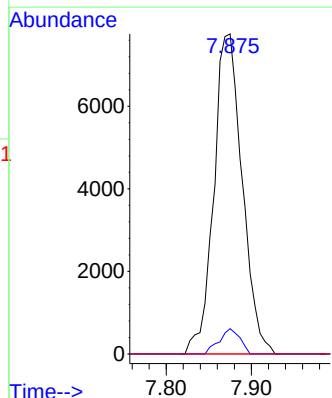
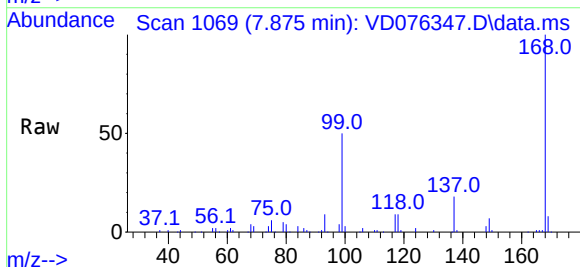
Tgt Ion: 117 Resp: 17962

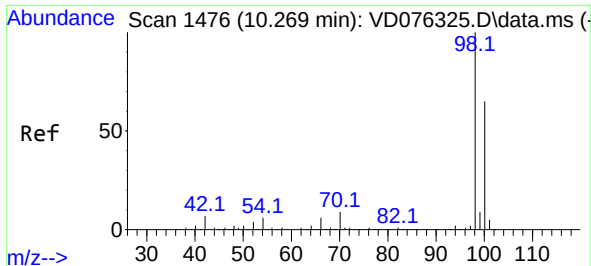
Ion Ratio Lower Upper

117 100

119 7.9 78.0 117.0#

121 0.0 24.2 36.2#

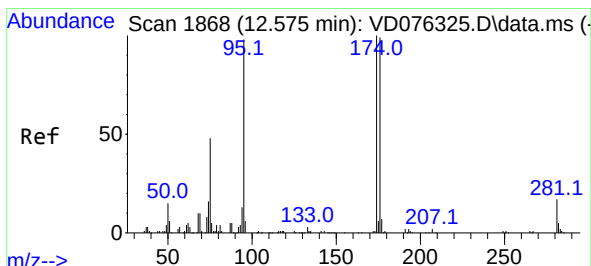
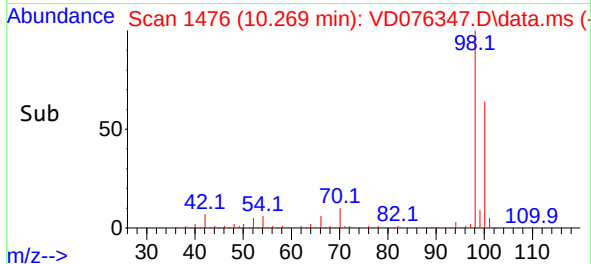
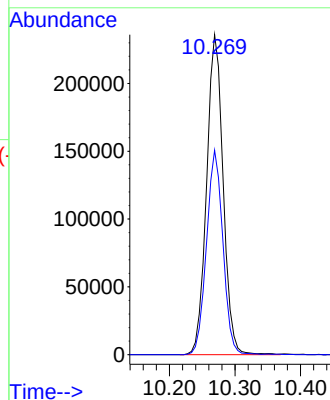
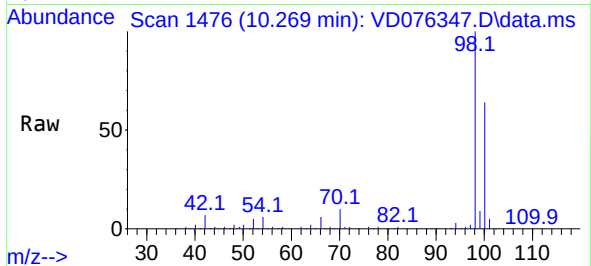




#50
Toluene-d8
Concen: 42.303 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

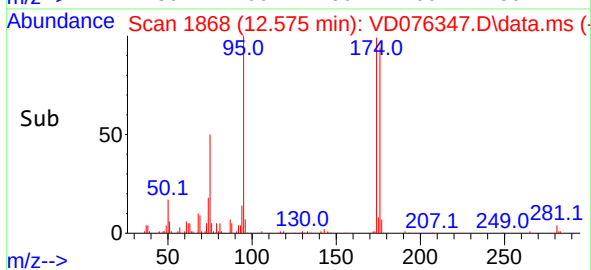
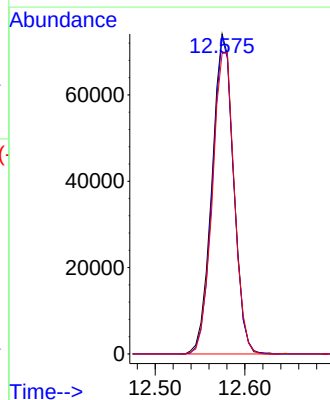
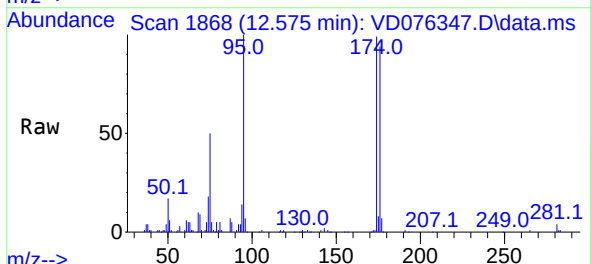
Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

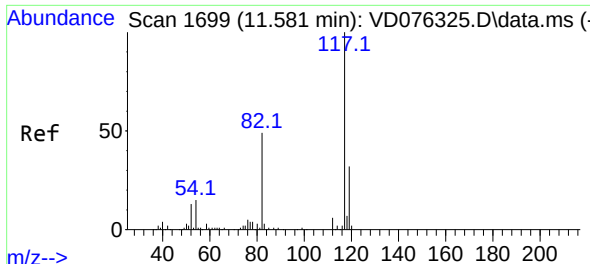
Tgt Ion: 98 Resp: 414386
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 47.889 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion: 95 Resp: 124145
Ion Ratio Lower Upper
95 100
174 96.6 0.0 201.8
176 94.9 0.0 191.8

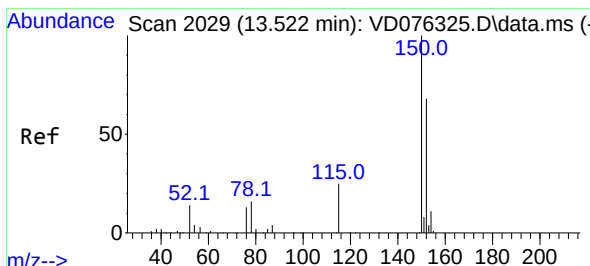
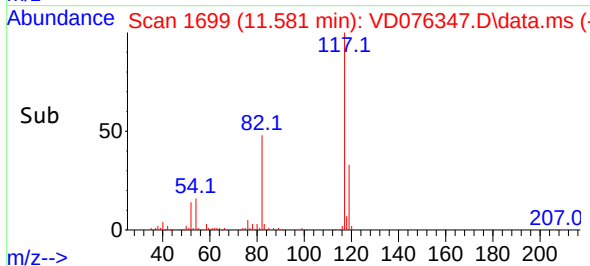
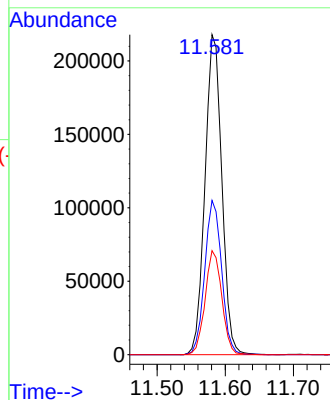
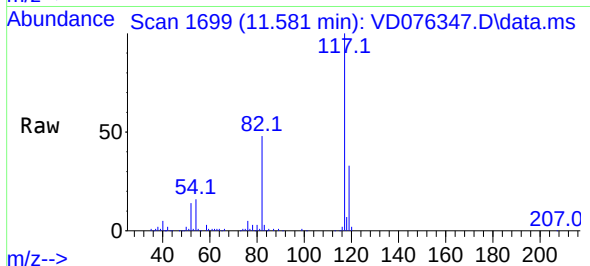




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

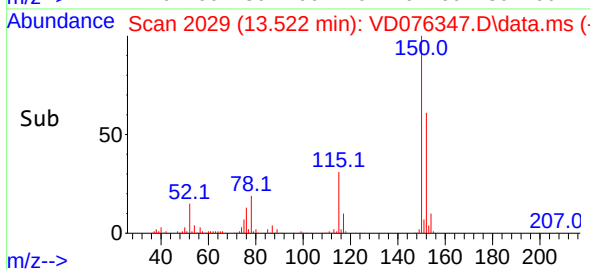
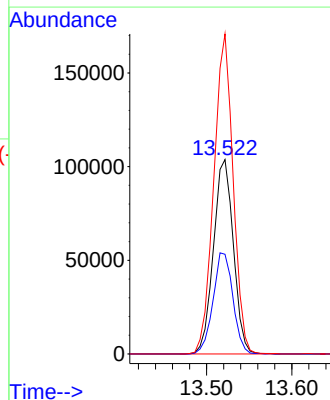
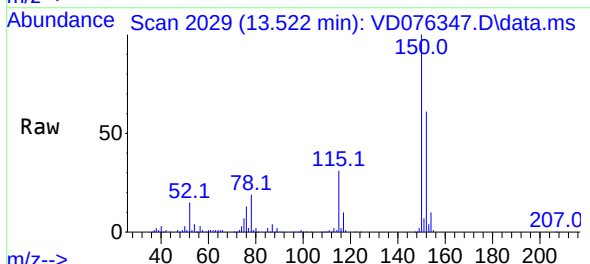
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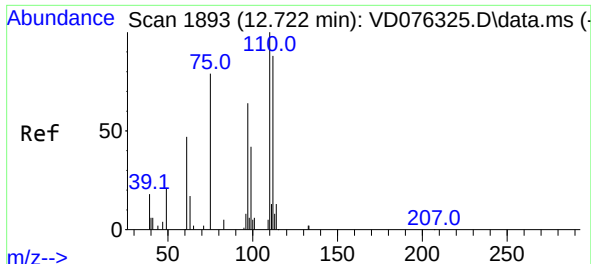
Tgt Ion:	117	Resp:	374289
Ion	Ratio	Lower	Upper
117	100		
82	48.2	38.3	57.5
119	32.5	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Tgt Ion:	152	Resp:	168671
Ion	Ratio	Lower	Upper
152	100		
115	51.8	27.1	81.3
150	159.5	0.0	353.6

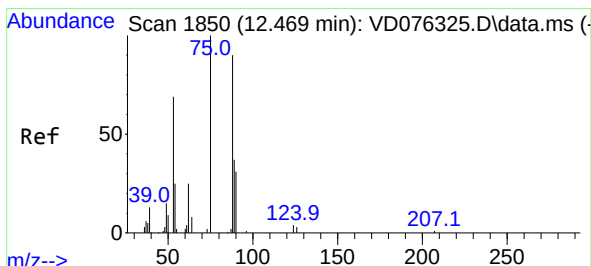
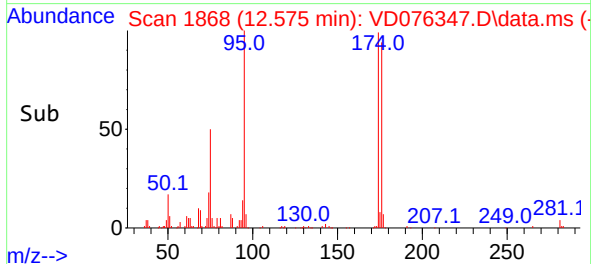
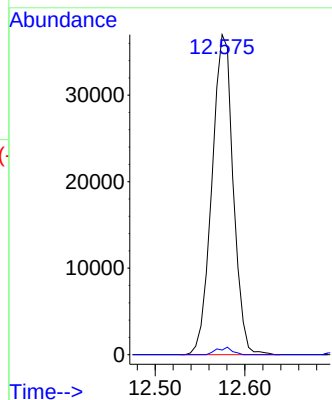
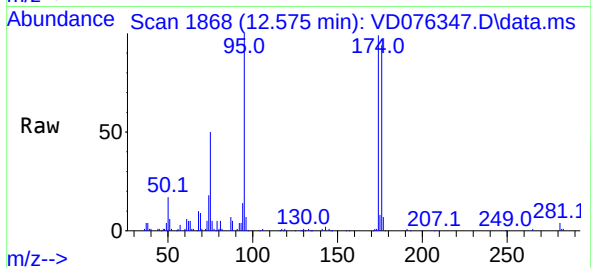




#76
1,2,3-Trichloropropane
Concen: 38.716 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

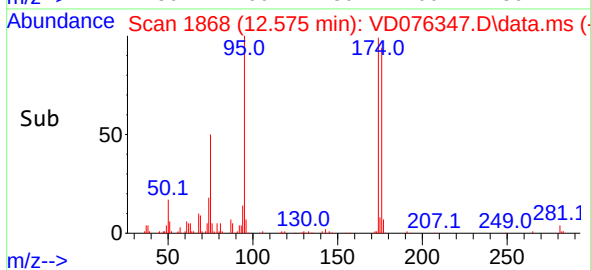
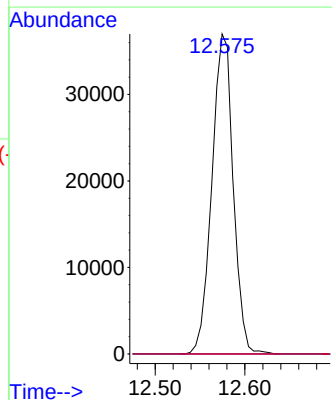
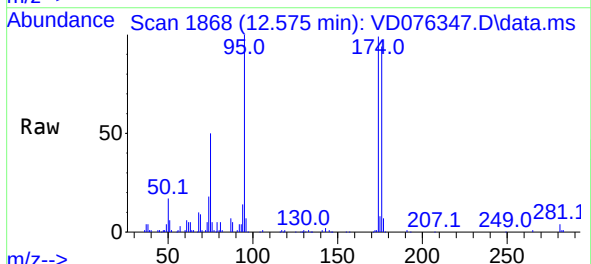
Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523

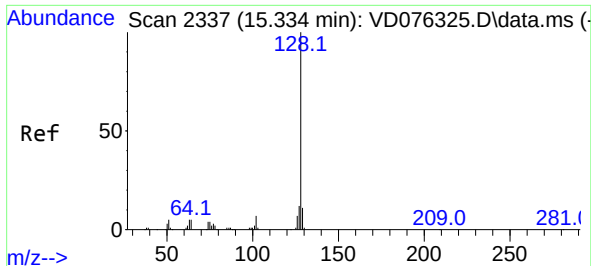
Tgt Ion: 75 Resp: 60958
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.728 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

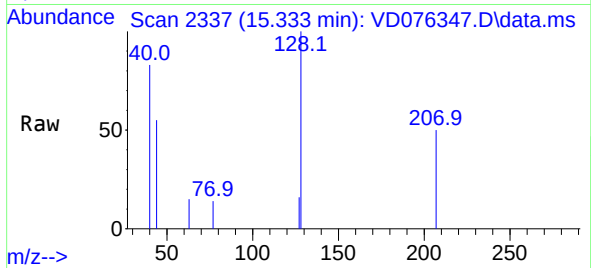
Tgt Ion: 75 Resp: 60958
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.602 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD076347.D
Acq: 06 Jun 2023 18:34

Instrument :
MSVOA_D
ClientSampleId :
HR-01-060523



Tgt Ion:	128	Resp:	1998
Ion	Ratio	Lower	Upper
128	100		
127	16.2	10.5	15.7#
129	0.0	8.7	13.1#

