

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060823\
 Data File : VD076378.D
 Acq On : 08 Jun 2023 17:31
 Operator : KP/SY
 Sample : 03093-01RE
 Misc : 5.06G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-06072023

Quant Time: Jun 09 01:24:36 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)

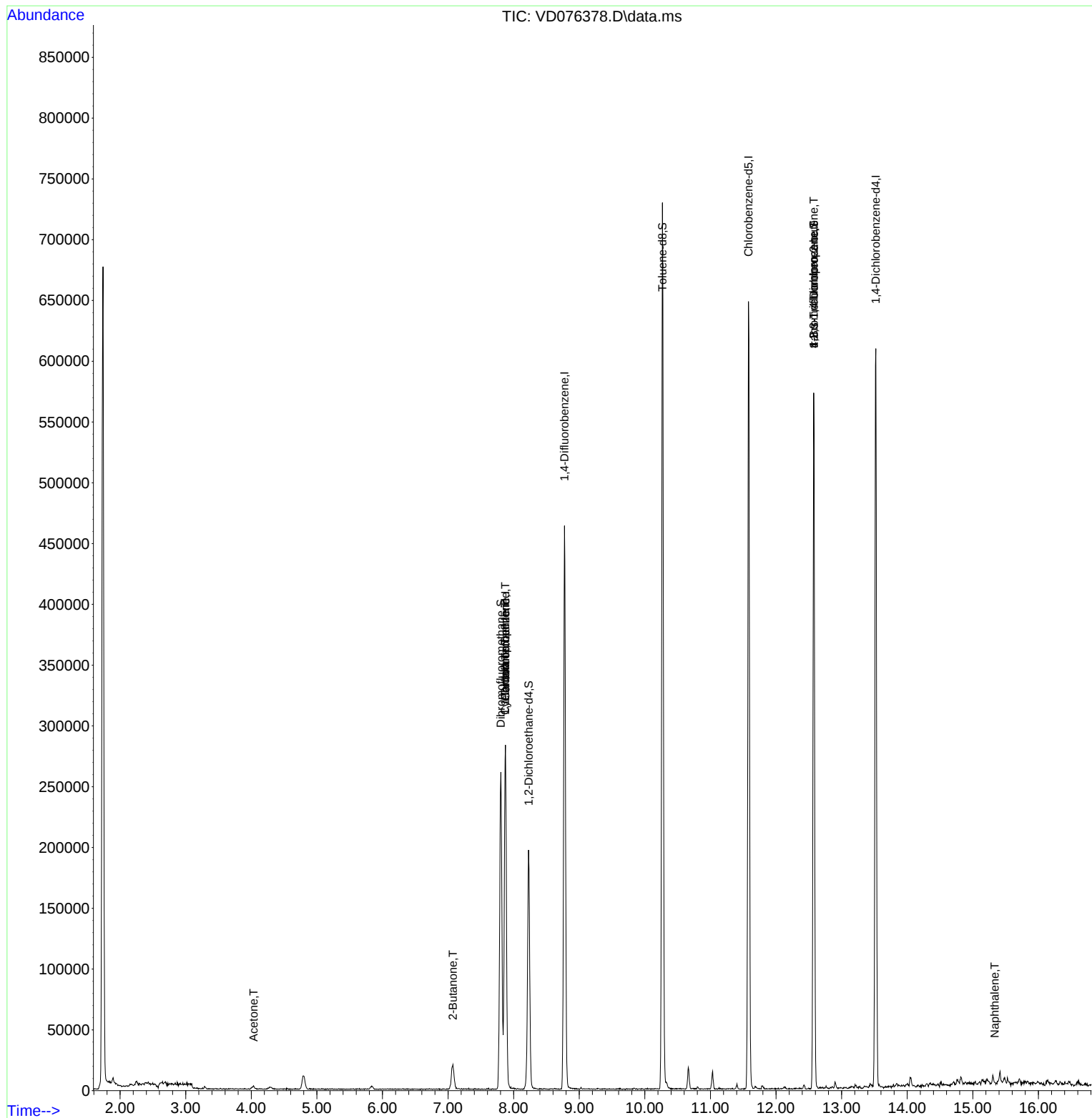
Internal Standards						
1) Pentafluorobenzene	7.875	168	244572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	446071	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	419138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	187634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	145666	66.473	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.940%	
35) Dibromofluoromethane	7.804	113	193954	68.480	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.960%	
50) Toluene-d8	10.269	98	526866	46.722	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.440%	
62) 4-Bromofluorobenzene	12.575	95	170031	56.976	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.960%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	4115	10.252	ug/l #	85
20) Methylene Chloride	4.793	84	10134	Below Cal		95
25) 2-Butanone	7.075	43	904	1.627	ug/l #	37
31) Cyclohexane	7.869	56	4811	1.308	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	16419	4.035	ug/l #	44
38) Carbon Tetrachloride	7.875	117	20808	5.833	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	83218	47.513	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	83218	113.796	ug/l #	18
95) Naphthalene	15.334	128	1231	3.464	ug/l #	60

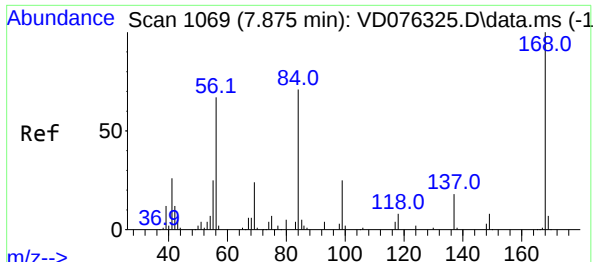
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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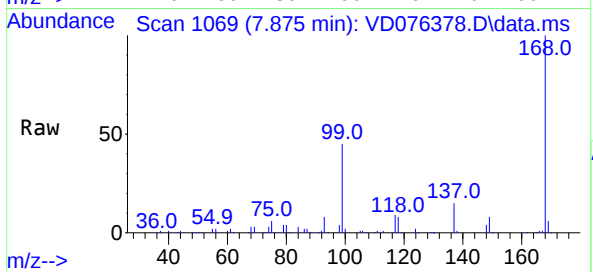
Quant Time: Jun 09 01:24:36 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
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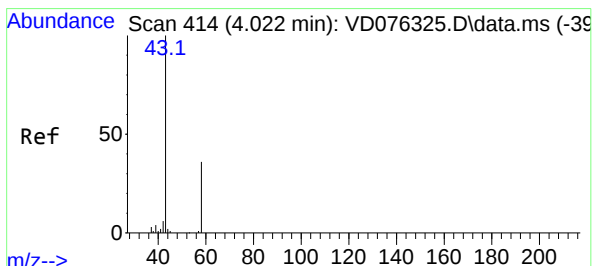
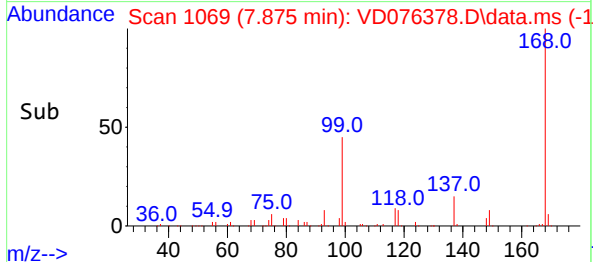
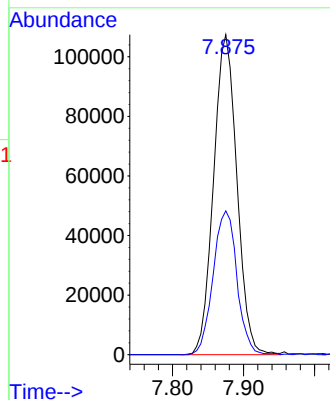


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

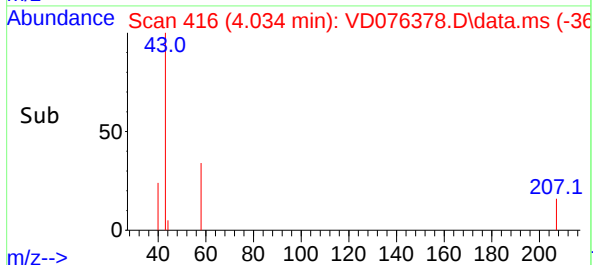
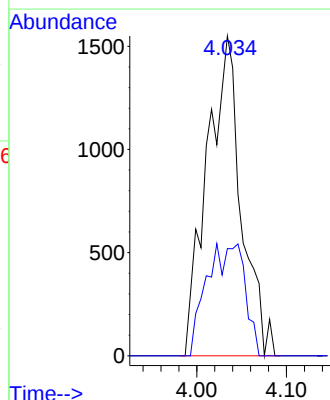
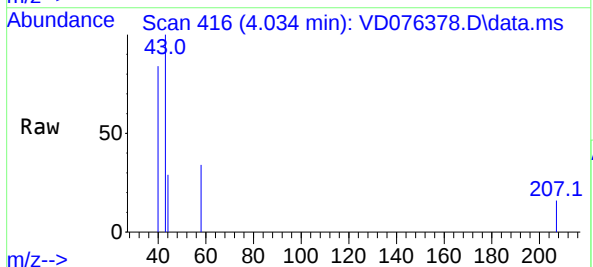


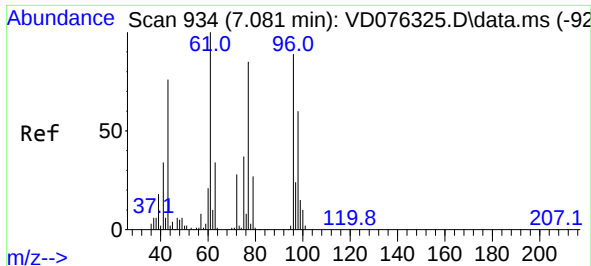
Tgt Ion:168 Resp: 244572
Ion Ratio Lower Upper
168 100
99 45.0 36.7 55.1



#16
Acetone
Concen: 10.252 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Tgt Ion: 43 Resp: 4115
Ion Ratio Lower Upper
43 100
58 33.5 34.7 52.1#

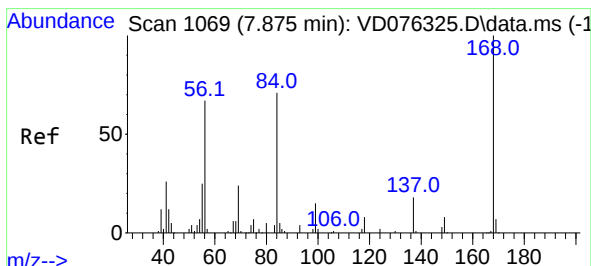
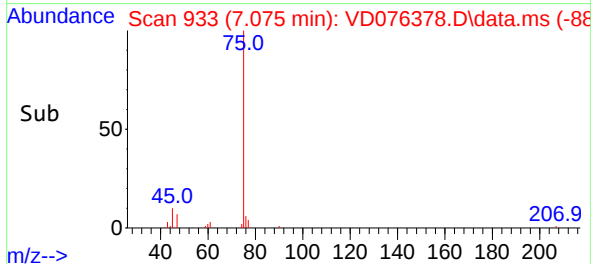
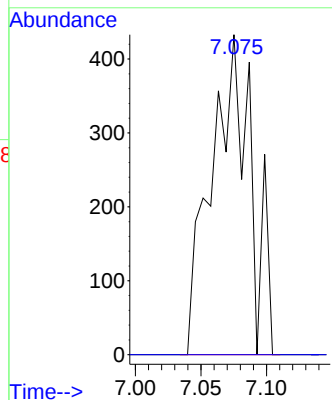
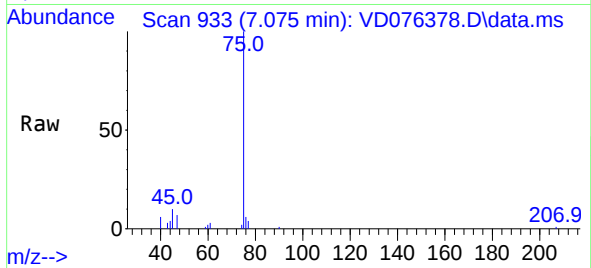




#25
2-Butanone
Concen: 1.627 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

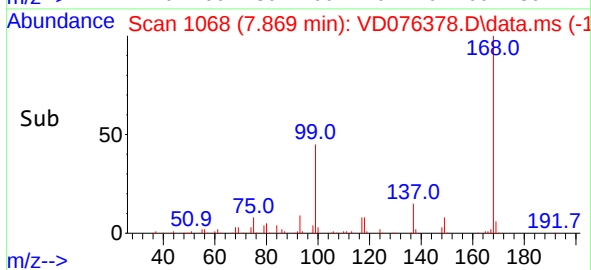
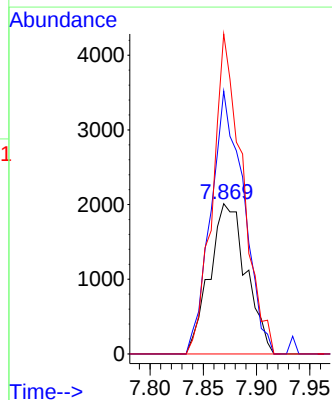
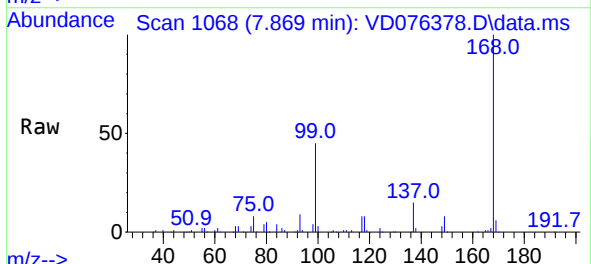
Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

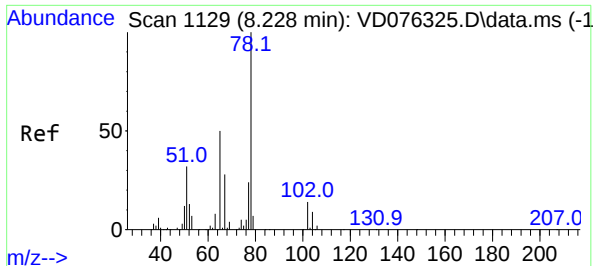
Tgt Ion: 43 Resp: 904
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.308 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Tgt Ion: 56 Resp: 4811
Ion Ratio Lower Upper
56 100
69 175.0 28.6 43.0#
84 213.0 84.8 127.2#

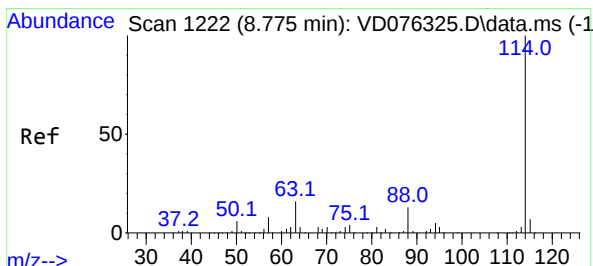
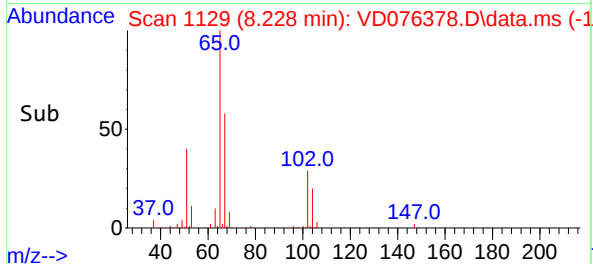
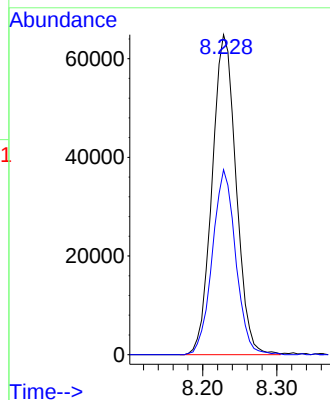
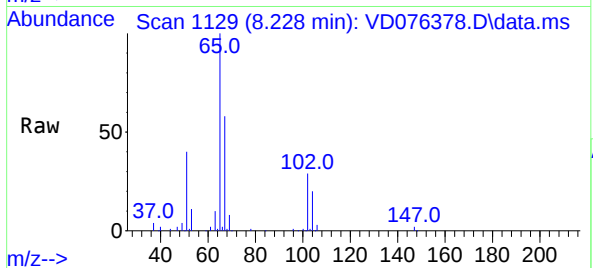




#33
1,2-Dichloroethane-d4
Concen: 66.473 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

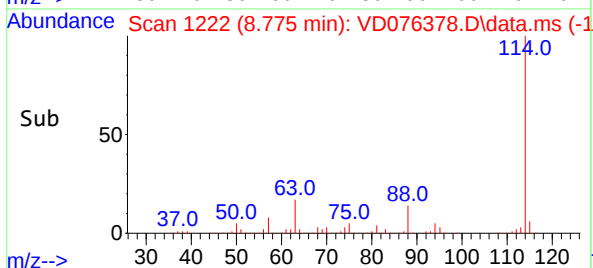
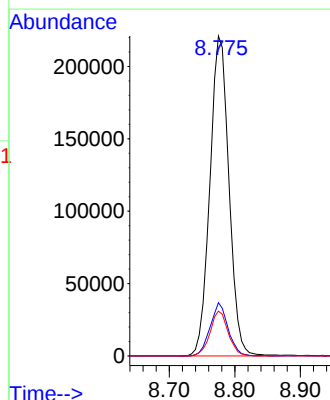
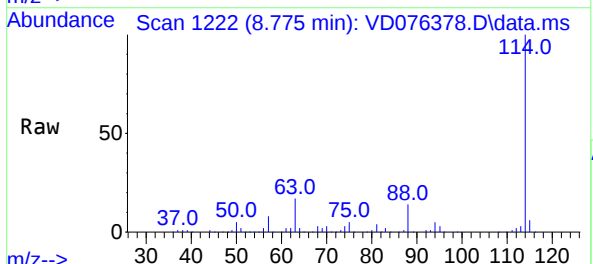
Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

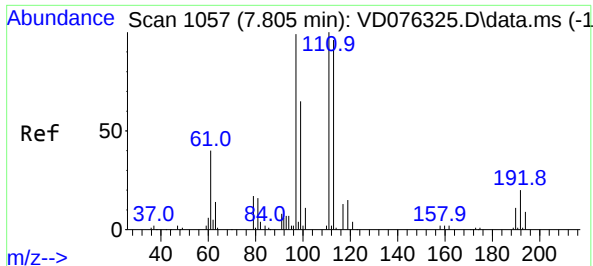
Tgt Ion: 65 Resp: 145666
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Tgt Ion:114 Resp: 446071
Ion Ratio Lower Upper
114 100
63 16.7 0.0 33.4
88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 68.480 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076378.D

Acq: 08 Jun 2023 17:31

Instrument :

MSVOA_D

ClientSampleId :

SU-3-06072023

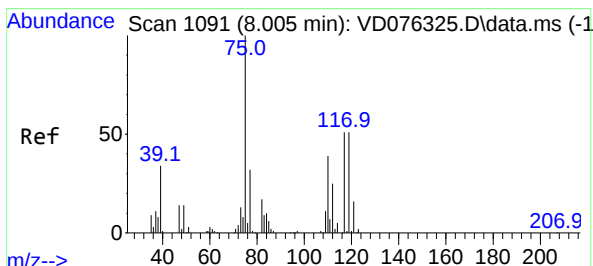
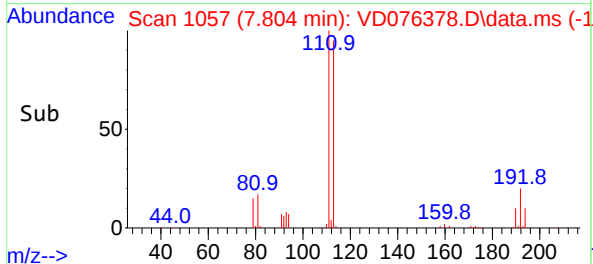
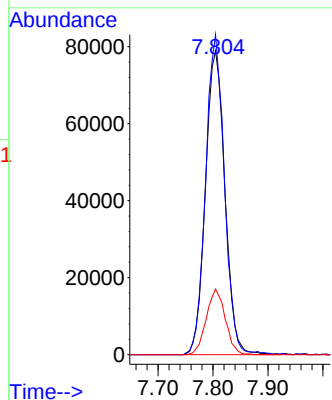
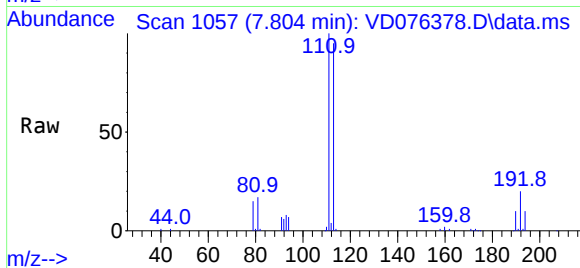
Tgt Ion:113 Resp: 193954

Ion Ratio Lower Upper

113 100

111 101.8 84.7 127.1

192 21.1 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.035 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076378.D

Acq: 08 Jun 2023 17:31

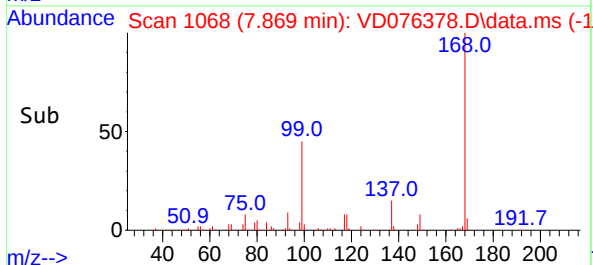
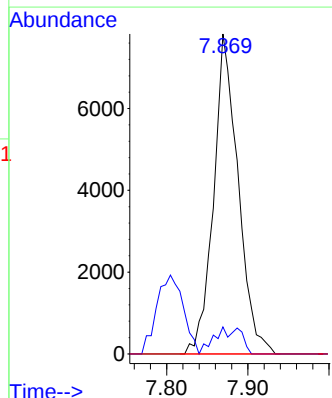
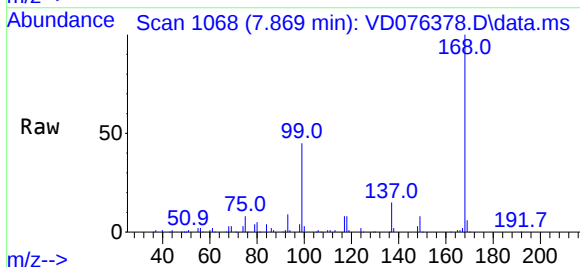
Tgt Ion: 75 Resp: 16419

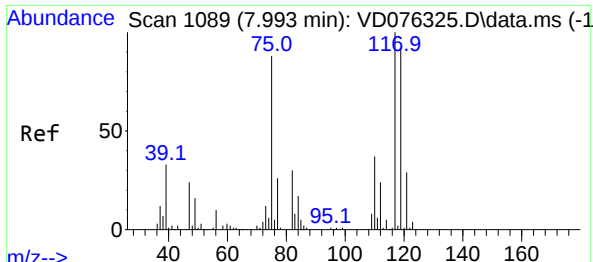
Ion Ratio Lower Upper

75 100

110 5.0 19.9 59.6#

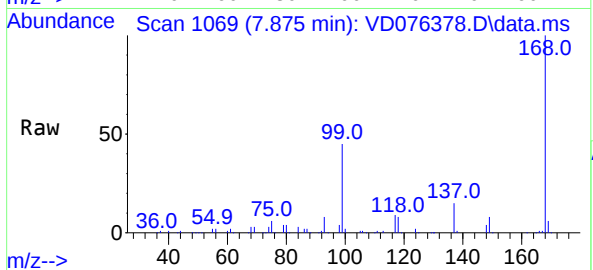
77 0.0 24.7 37.1#



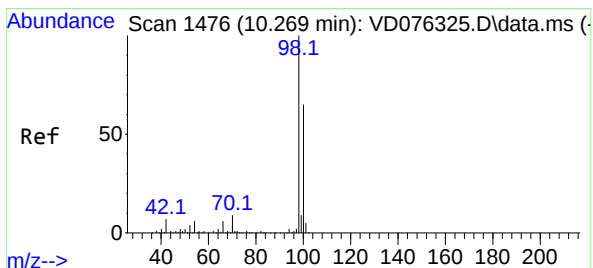
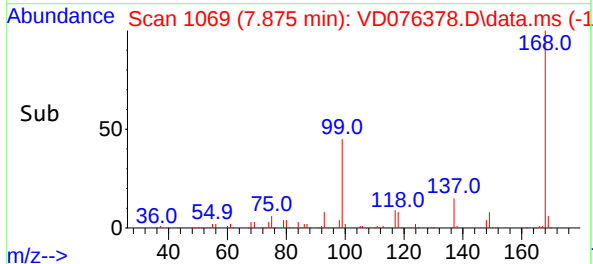
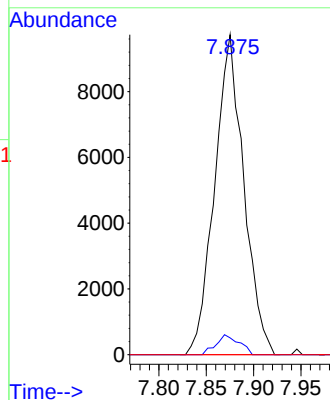


#38
Carbon Tetrachloride
Concen: 5.833 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

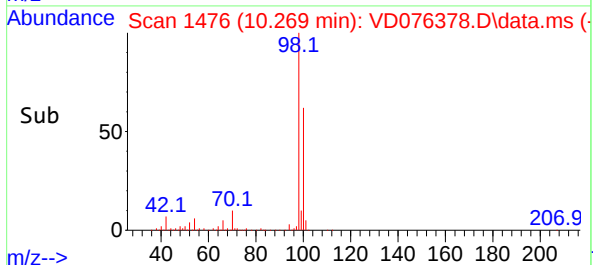
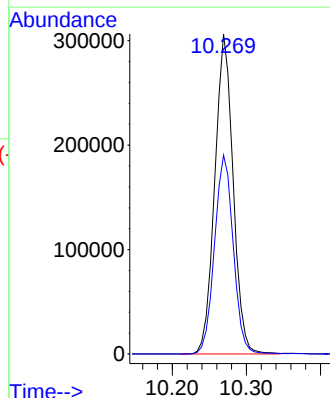
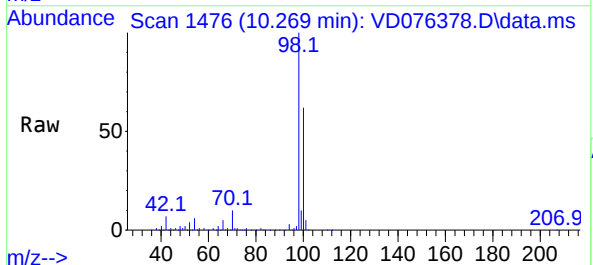


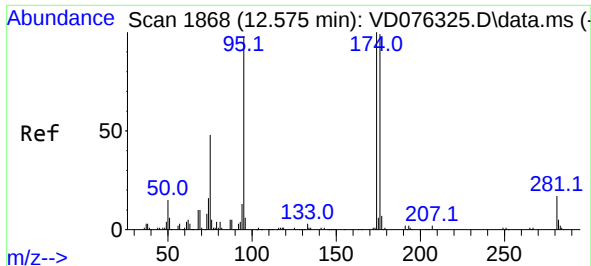
Tgt Ion:117 Resp: 20808
Ion Ratio Lower Upper
117 100
119 5.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.722 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Tgt Ion: 98 Resp: 526866
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



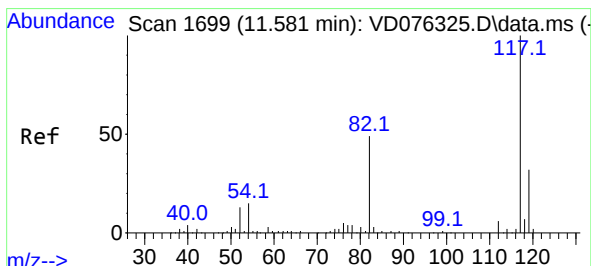
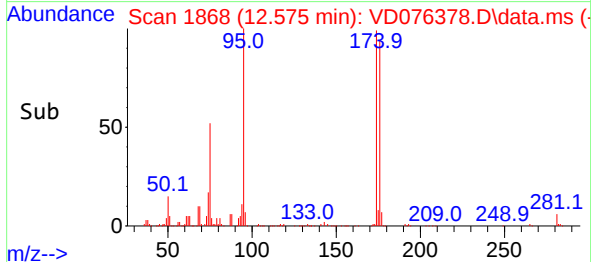
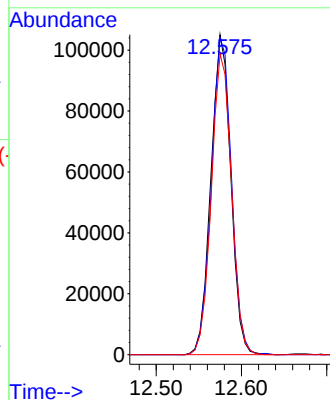
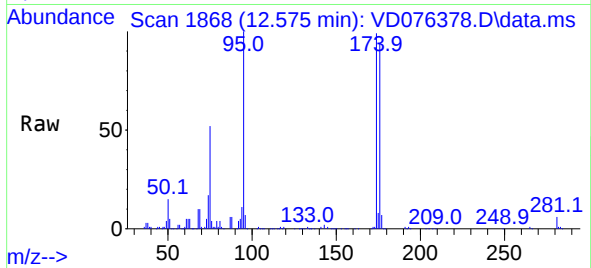


#62
4-Bromofluorobenzene
Concen: 56.976 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

Tgt Ion: 95 Resp: 170031

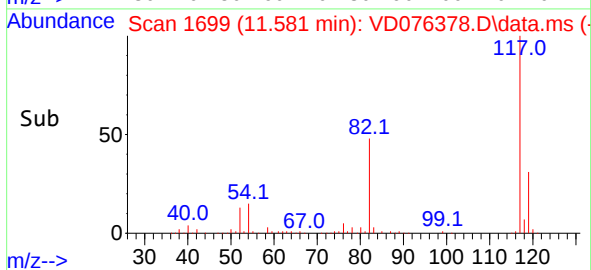
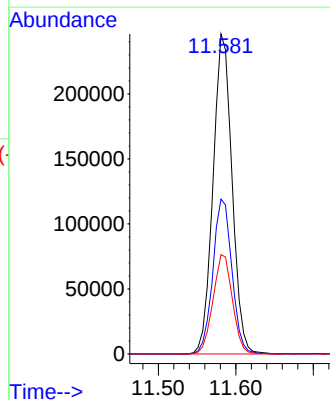
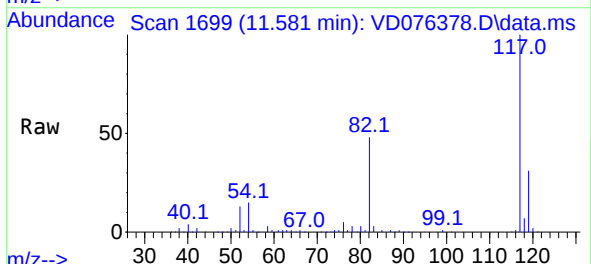
Ion	Ratio	Lower	Upper
95	100		
174	100.6	0.0	201.8
176	95.3	0.0	191.8

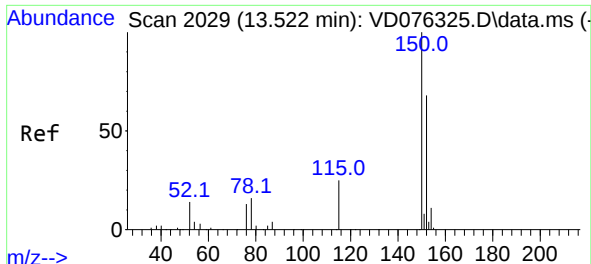


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Tgt Ion: 117 Resp: 419138

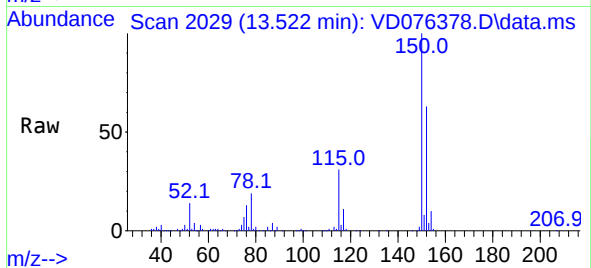
Ion	Ratio	Lower	Upper
117	100		
82	48.4	38.3	57.5
119	31.0	25.0	37.4



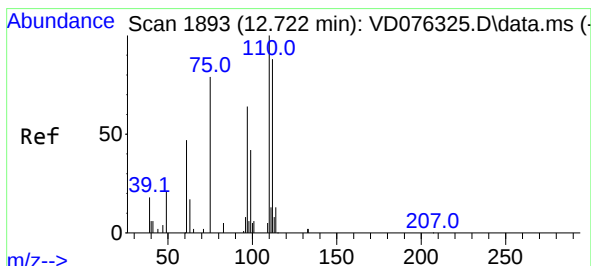
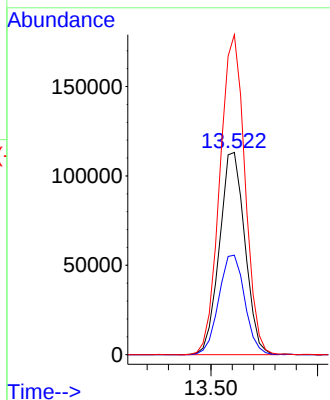
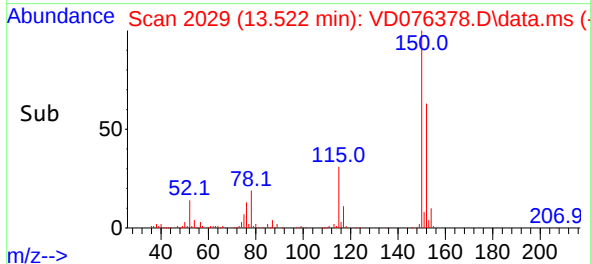


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

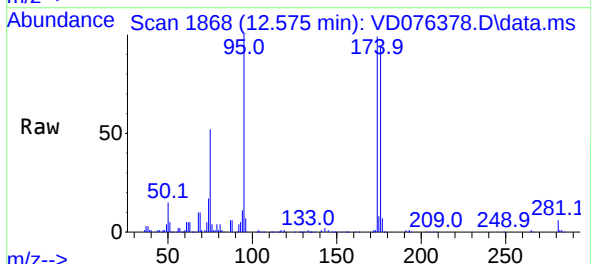
Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023



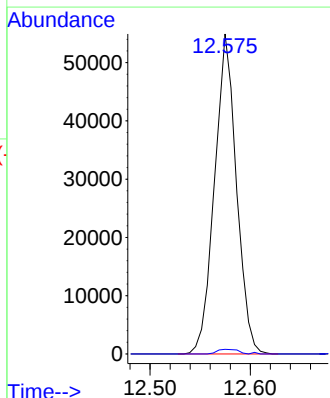
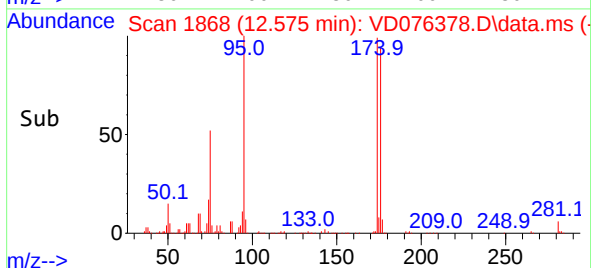
Tgt Ion:152 Resp: 187634
Ion Ratio Lower Upper
152 100
115 50.4 27.1 81.3
150 156.2 0.0 353.6

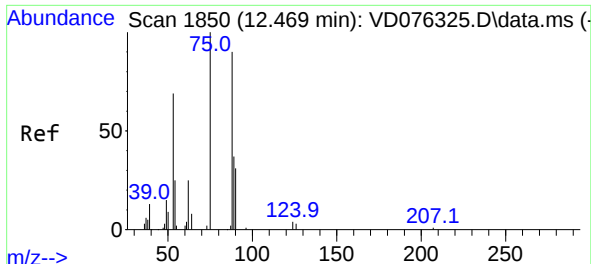


#76
1,2,3-Trichloropropane
Concen: 47.513 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31



Tgt Ion: 75 Resp: 83218
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#

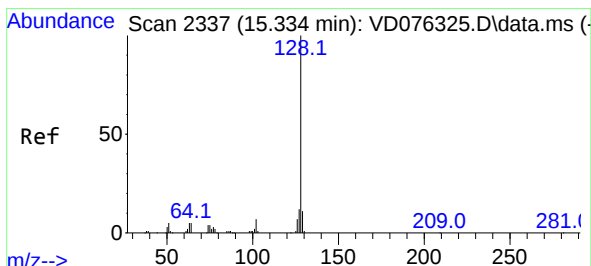
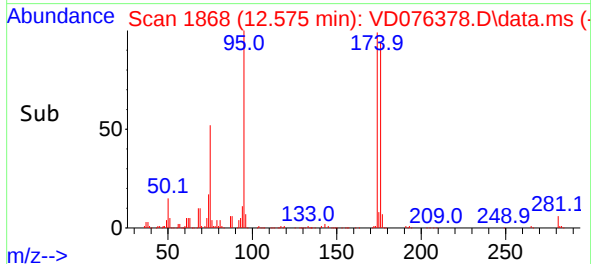
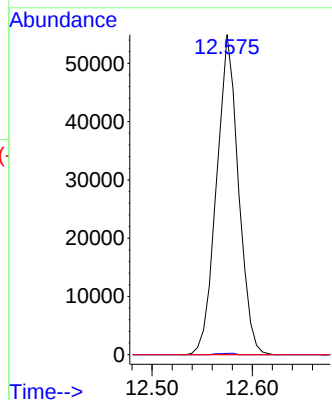
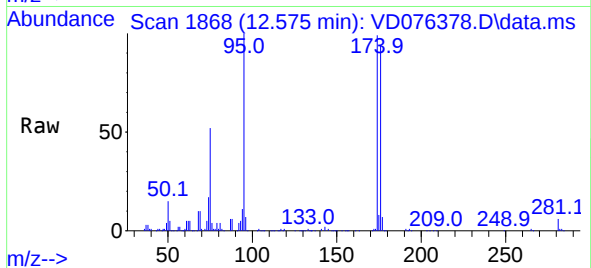




#81
trans-1,4-Dichloro-2-butene
Concen: 113.796 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

Tgt Ion: 75 Resp: 83218
Ion Ratio Lower Upper
75 100
53 0.3 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.464 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076378.D
Acq: 08 Jun 2023 17:31

Tgt Ion: 128 Resp: 1231
Ion Ratio Lower Upper
128 100
127 29.7 10.5 15.7#
129 24.9 8.7 13.1#

