

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076338.D
 Acq On : 06 Jun 2023 14:01
 Operator : KP/SY
 Sample : 03036-01
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-STONE-0602

Quant Time: Jun 07 06:10:47 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)

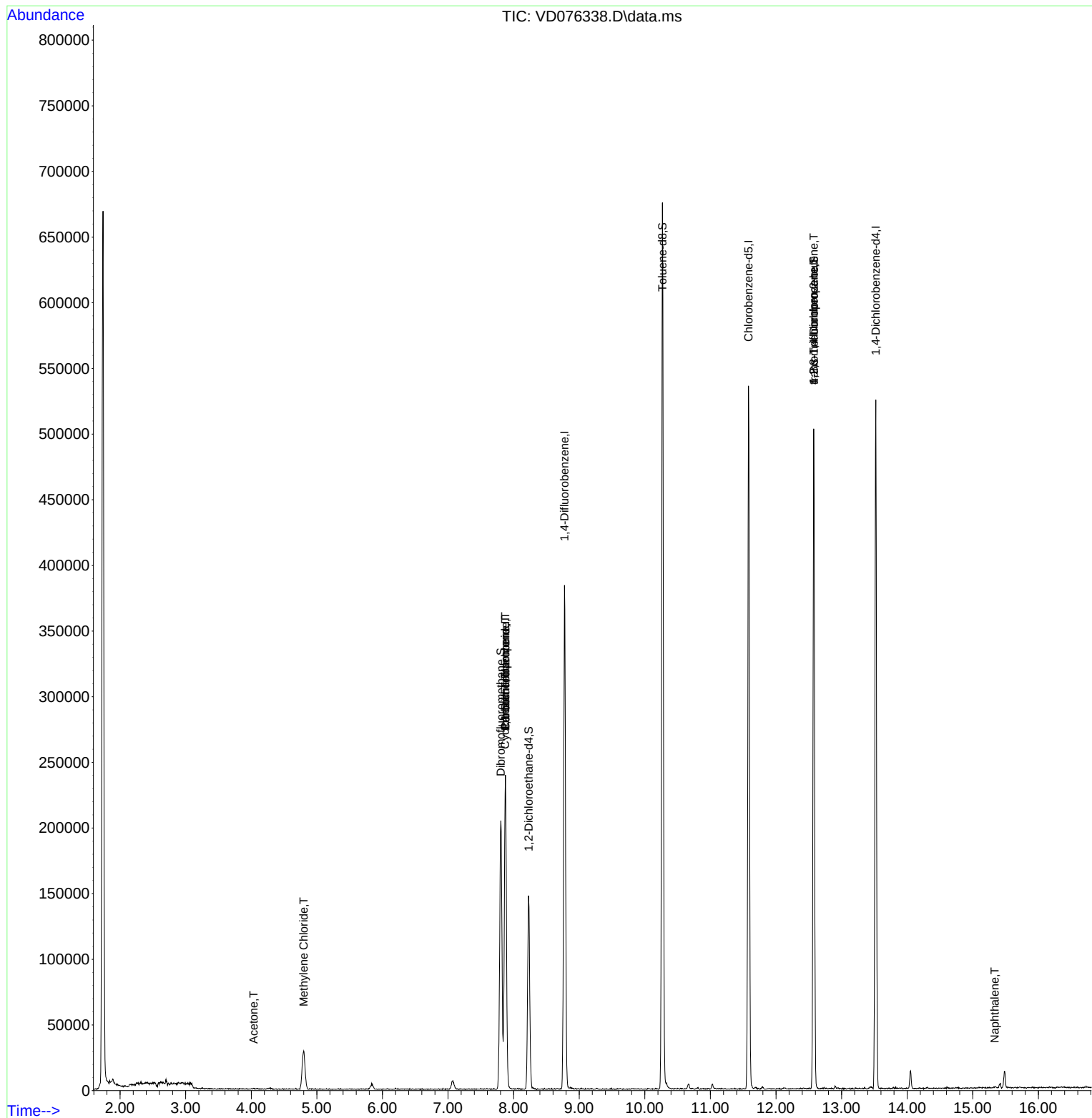
Internal Standards						
1) Pentafluorobenzene	7.875	168	198942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	364457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	341136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	155263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111767	62.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.400%	
35) Dibromofluoromethane	7.805	113	153013	66.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.240%	
50) Toluene-d8	10.269	98	491349	53.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.660%	
62) 4-Bromofluorobenzene	12.575	95	142771	58.555	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.100%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	999	3.060	ug/l	97
20) Methylene Chloride	4.799	84	26436	5.841	ug/l	91
31) Cyclohexane	7.869	56	3767	1.259	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	14814	4.456	ug/l #	47
38) Carbon Tetrachloride	7.875	117	16846	5.780	ug/l #	16
76) 1,2,3-Trichloropropane	12.575	75	69702	48.093	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	69702	115.185	ug/l #	17
95) Naphthalene	15.334	128	1388	3.526	ug/l #	69

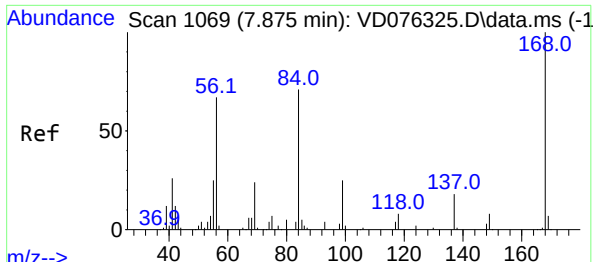
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :
PL-STONE-0602

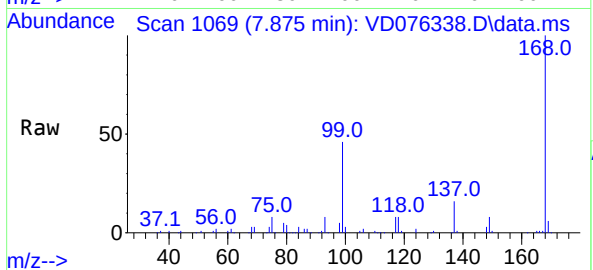
Quant Time: Jun 07 06:10:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



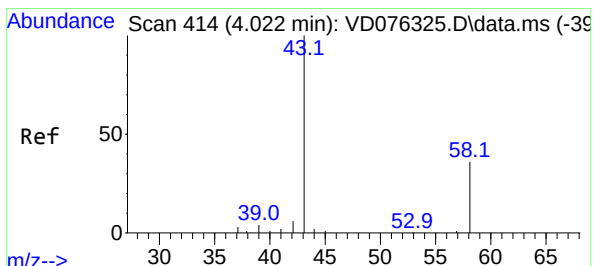
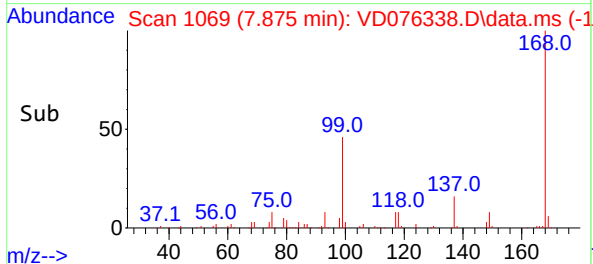
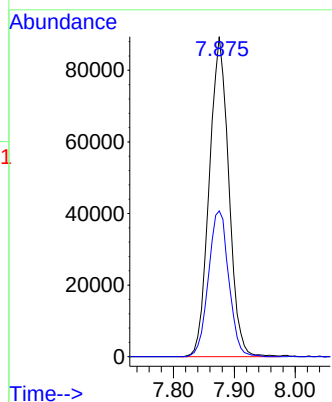


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

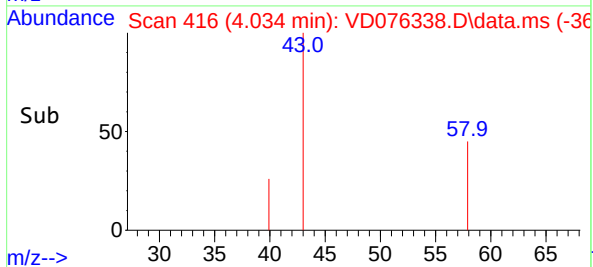
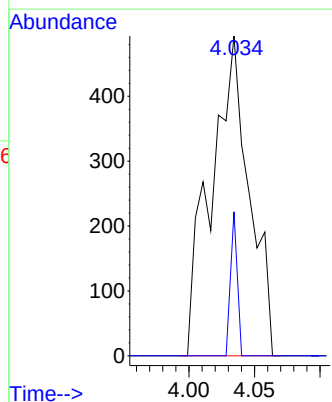
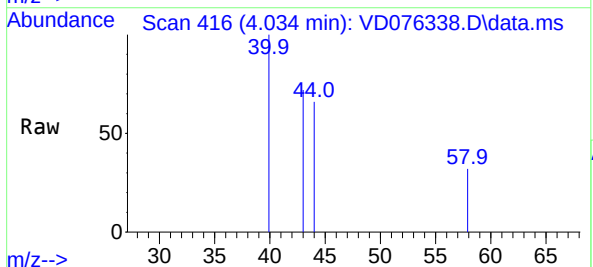


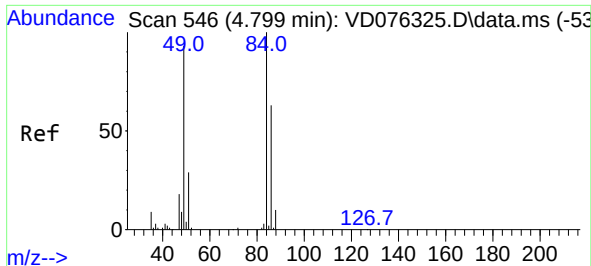
Tgt Ion:168 Resp: 198942
Ion Ratio Lower Upper
168 100
99 45.5 36.7 55.1



#16
Acetone
Concen: 3.060 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 45.0 34.7 52.1

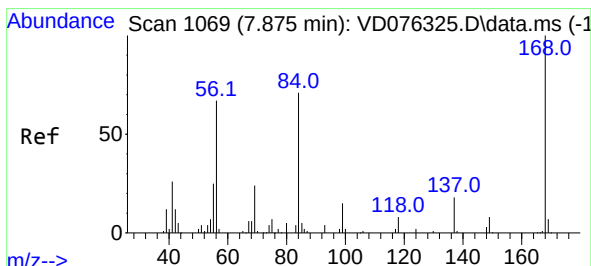
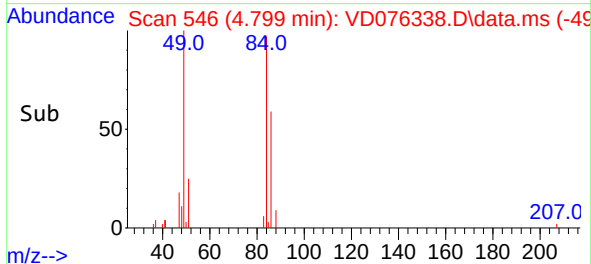
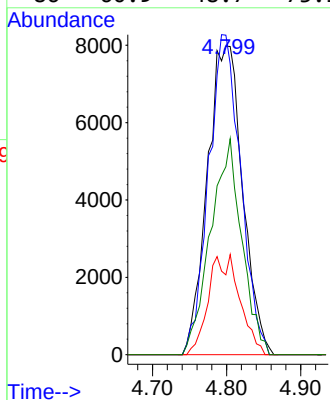
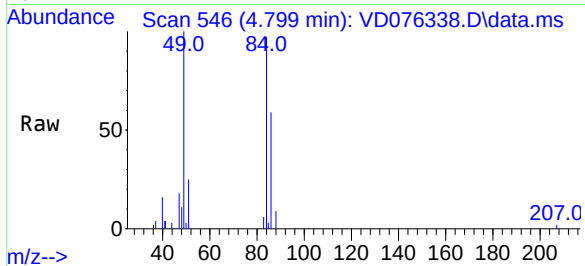




#20
Methylene Chloride
Concen: 5.841 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

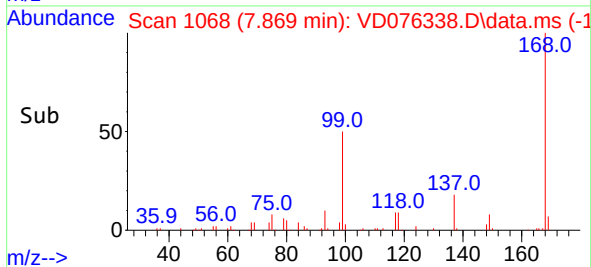
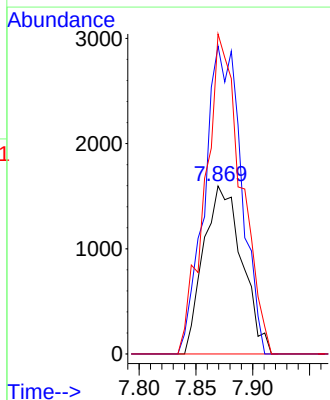
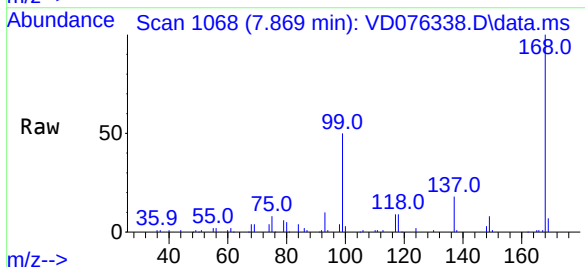
Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

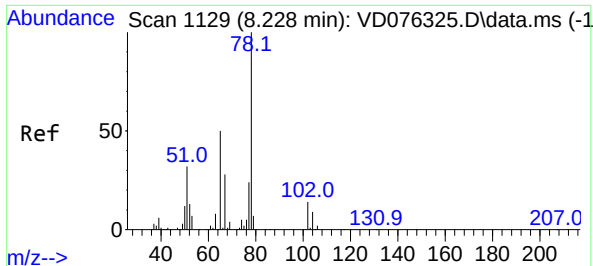
Tgt Ion:	84	Resp:	26436
Ion	Ratio	Lower	Upper
84	100		
49	103.5	71.4	107.2
51	25.8	24.5	36.7
86	60.9	48.7	73.1



#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Tgt Ion:	56	Resp:	3767
Ion	Ratio	Lower	Upper
56	100		
69	183.3	28.6	43.0#
84	190.5	84.8	127.2#

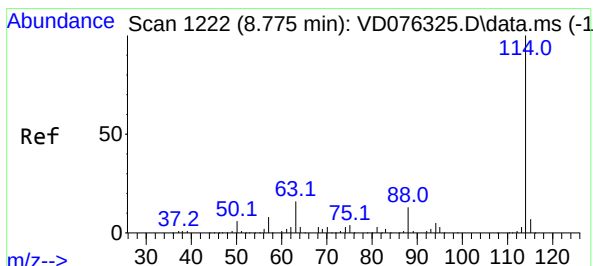
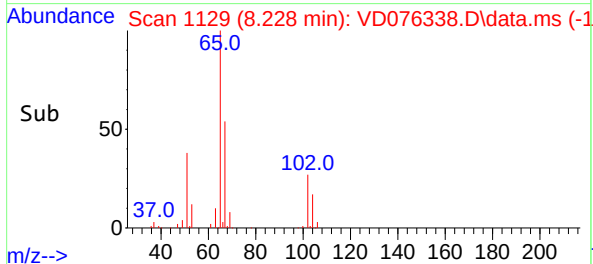
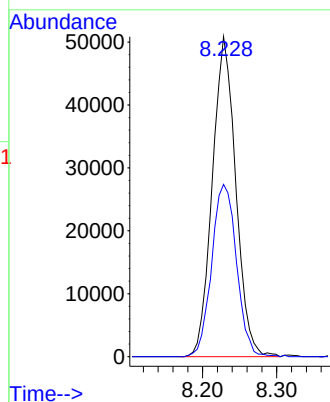
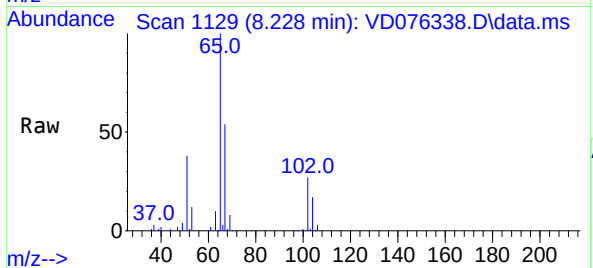




#33
1,2-Dichloroethane-d4
Concen: 62.702 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

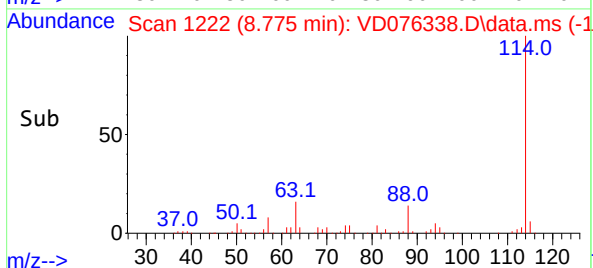
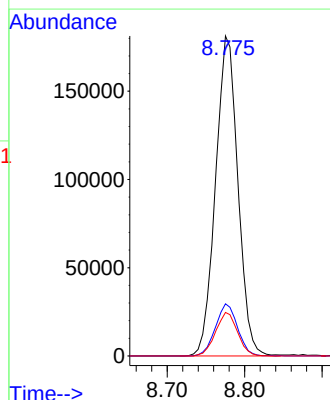
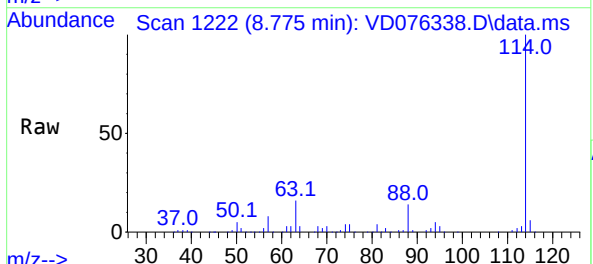
Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

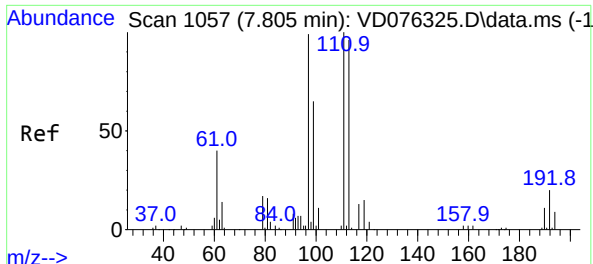
Tgt Ion: 65 Resp: 111767
Ion Ratio Lower Upper
65 100
67 57.1 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

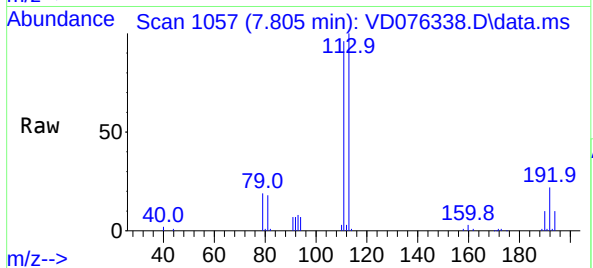
Tgt Ion: 114 Resp: 364457
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 13.6 0.0 26.2



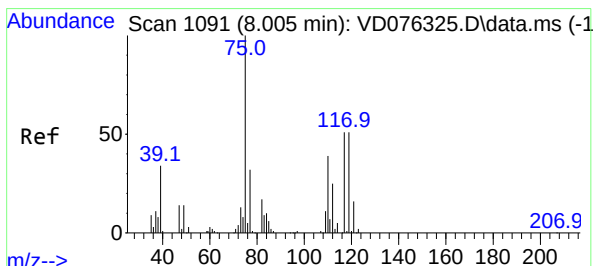
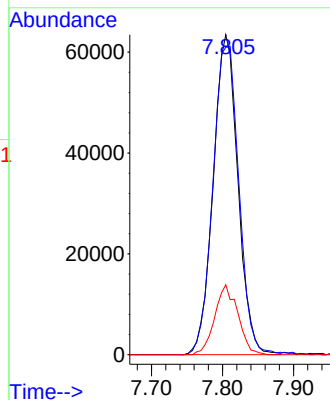
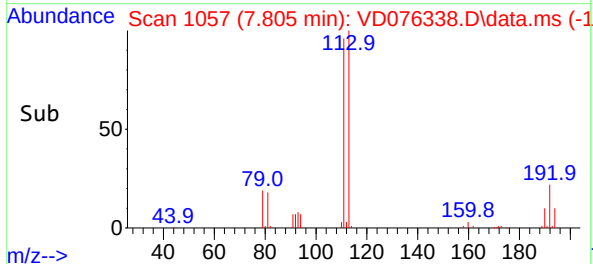


#35
Dibromofluoromethane
Concen: 66.123 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

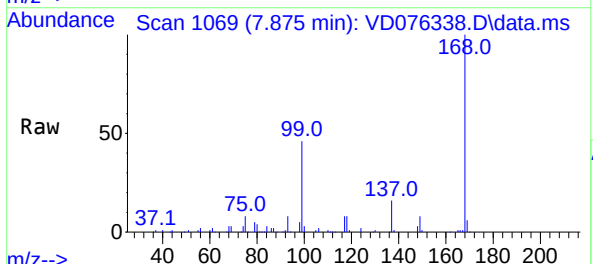
Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602



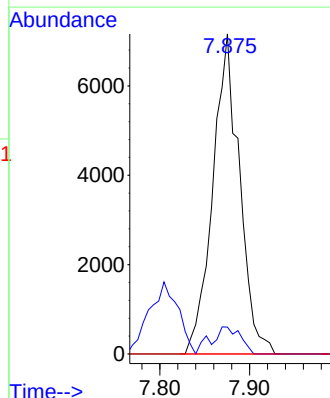
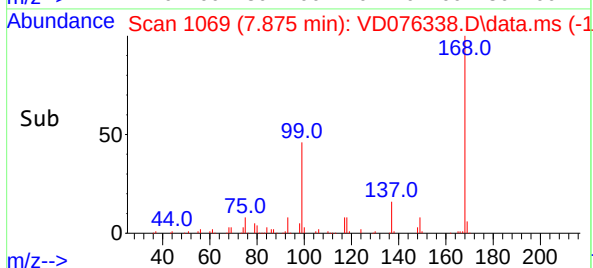
Tgt Ion:113 Resp: 153013
Ion Ratio Lower Upper
113 100
111 102.3 84.7 127.1
192 20.5 16.8 25.2

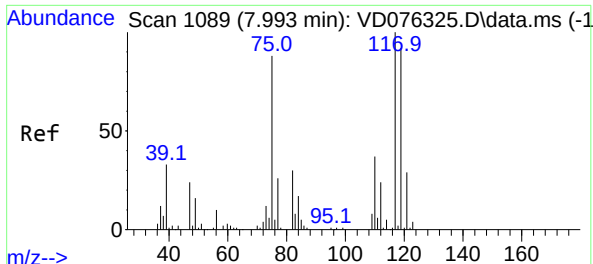


#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01



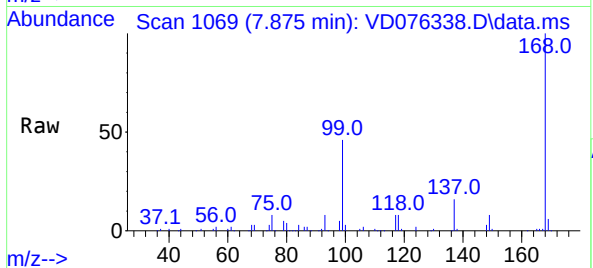
Tgt Ion: 75 Resp: 14814
Ion Ratio Lower Upper
75 100
110 9.1 19.9 59.6#
77 0.0 24.7 37.1#



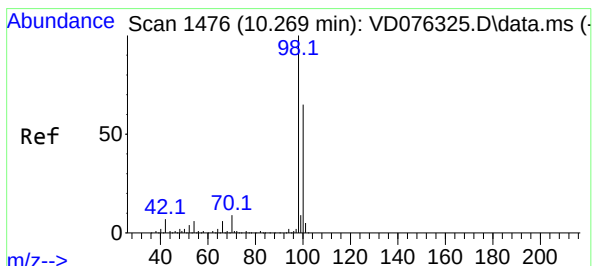
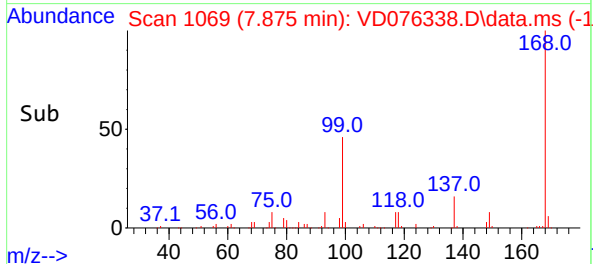
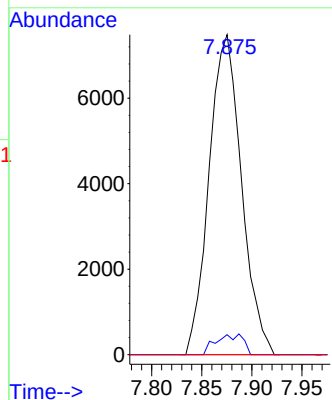


#38
Carbon Tetrachloride
Concen: 5.780 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

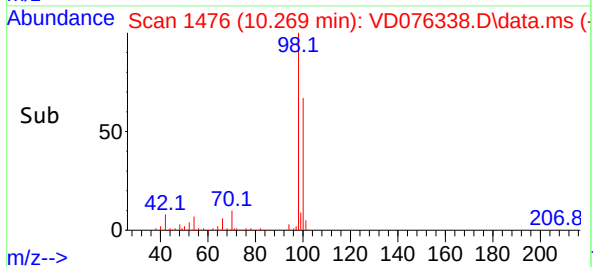
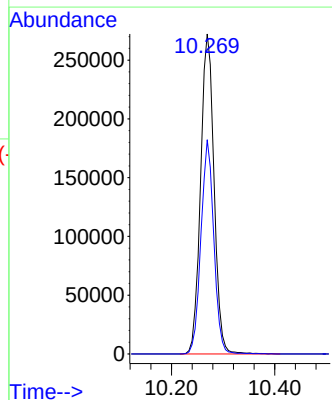
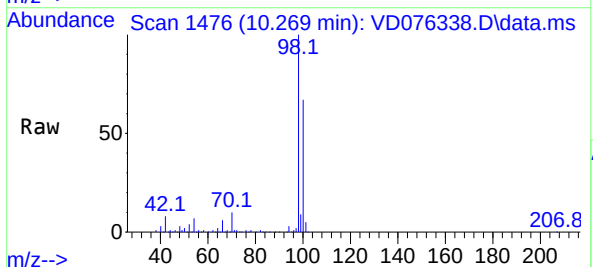


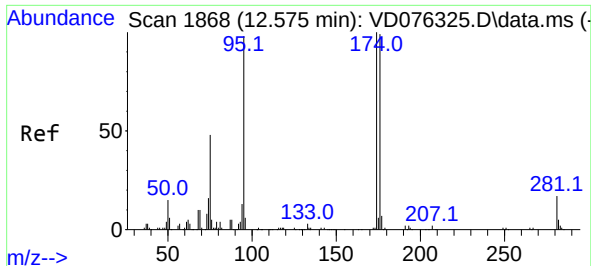
Tgt Ion:117 Resp: 16846
Ion Ratio Lower Upper
117 100
119 6.3 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.330 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 98 Resp: 491349
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



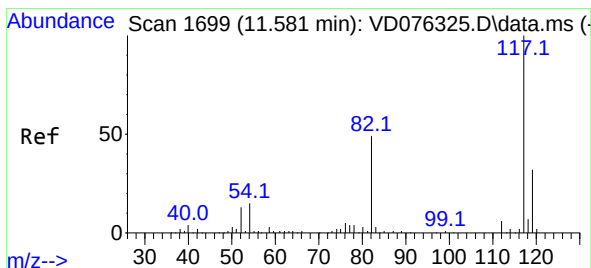
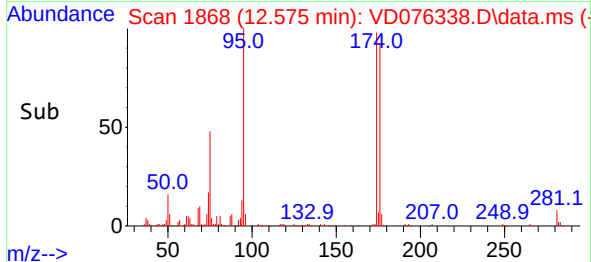
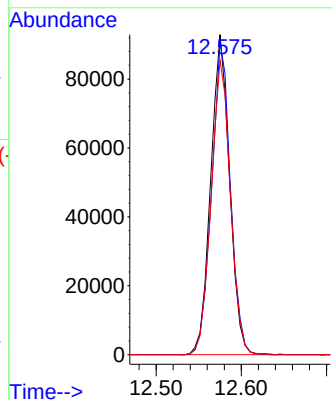
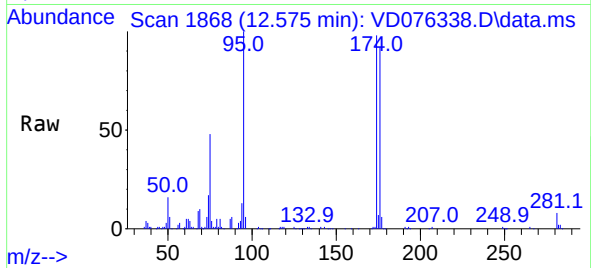


#62
4-Bromofluorobenzene
Concen: 58.555 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

Tgt Ion: 95 Resp: 142771

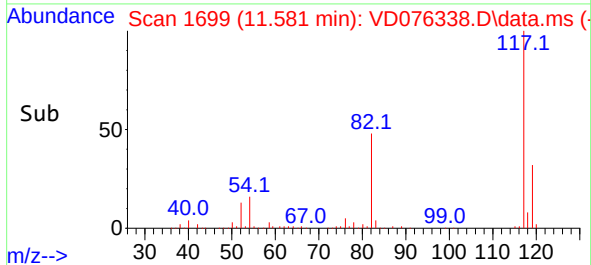
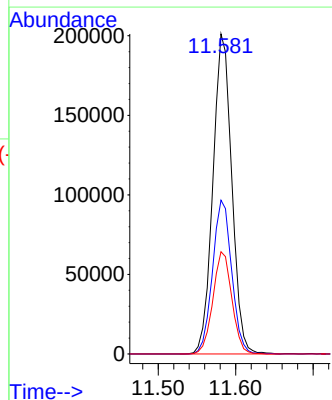
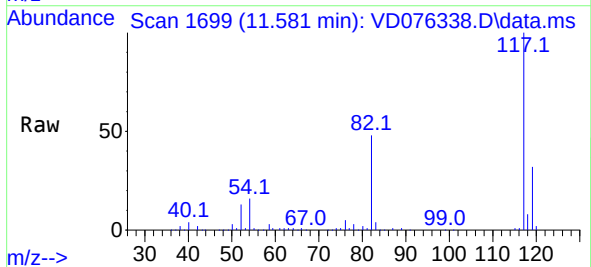
Ion	Ratio	Lower	Upper
95	100		
174	97.7	0.0	201.8
176	93.9	0.0	191.8

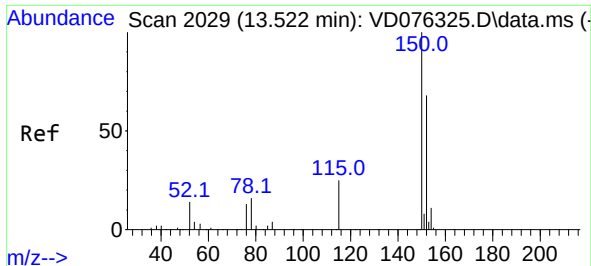


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 117 Resp: 341136

Ion	Ratio	Lower	Upper
117	100		
82	48.1	38.3	57.5
119	31.9	25.0	37.4

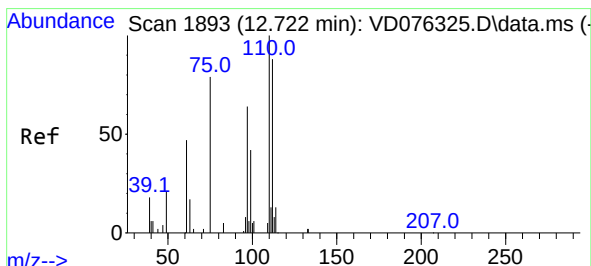
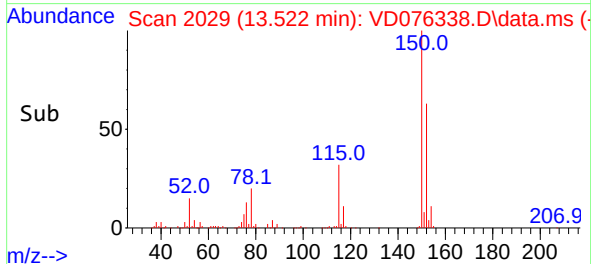
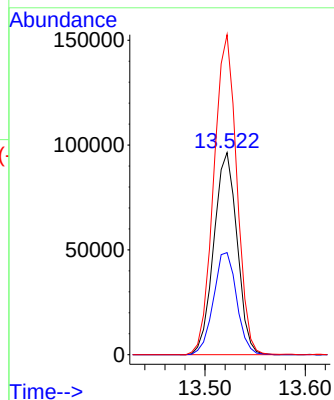
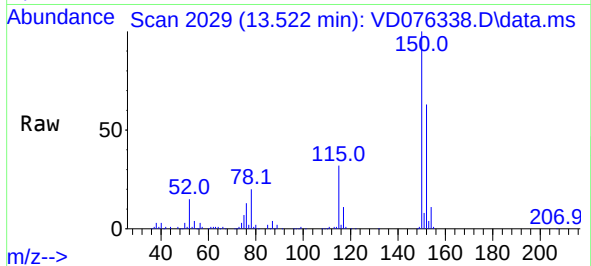




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

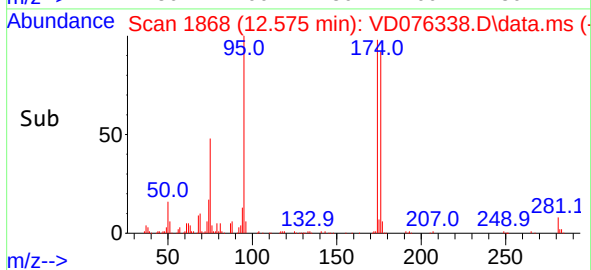
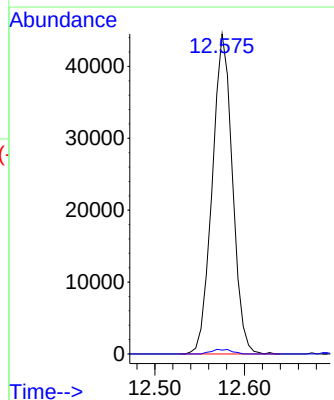
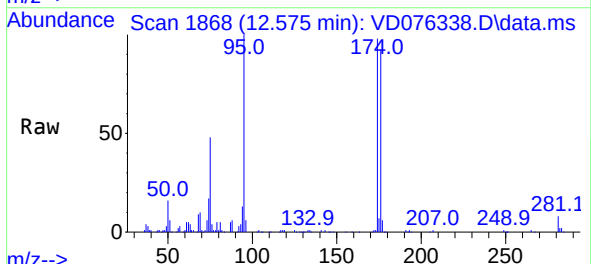
Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

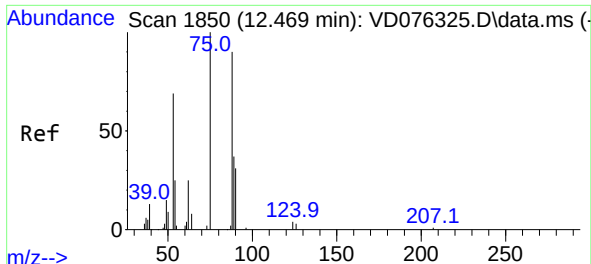
Tgt Ion:152 Resp: 155263
Ion Ratio Lower Upper
152 100
115 50.6 27.1 81.3
150 156.5 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.093 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Tgt Ion: 75 Resp: 69702
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

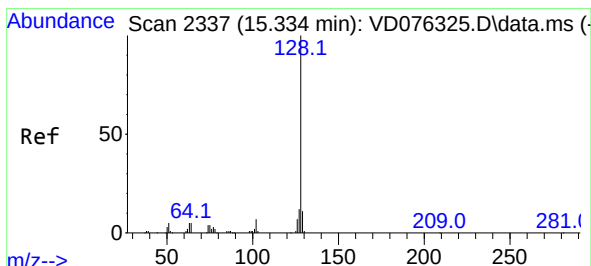
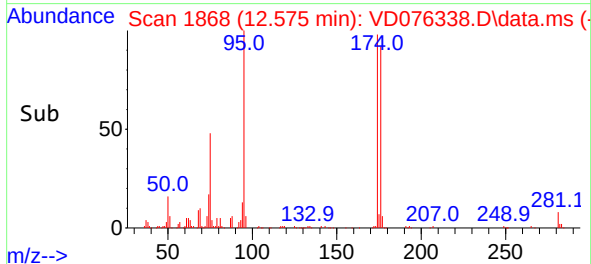
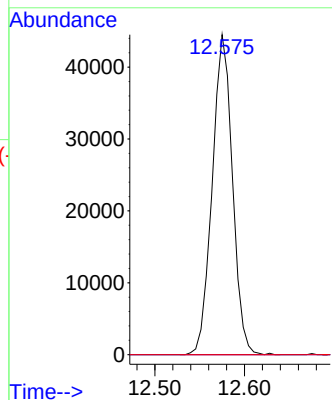
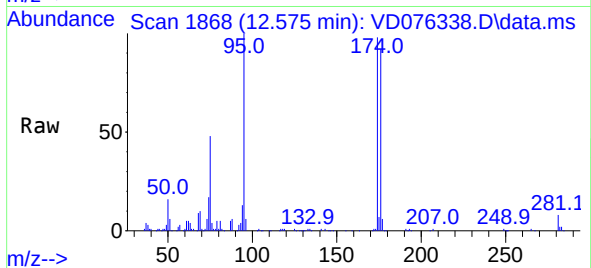




#81
trans-1,4-Dichloro-2-butene
Concen: 115.185 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :
PL-STONE-0602

Tgt Ion: 75 Resp: 69702
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.526 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD076338.D
Acq: 06 Jun 2023 14:01

Tgt Ion:128 Resp: 1388
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

