

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060723\
 Data File : VD076360.D
 Acq On : 07 Jun 2023 18:19
 Operator : KP/SY
 Sample : 03093-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-06072023

Quant Time: Jun 08 01:19:12 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)

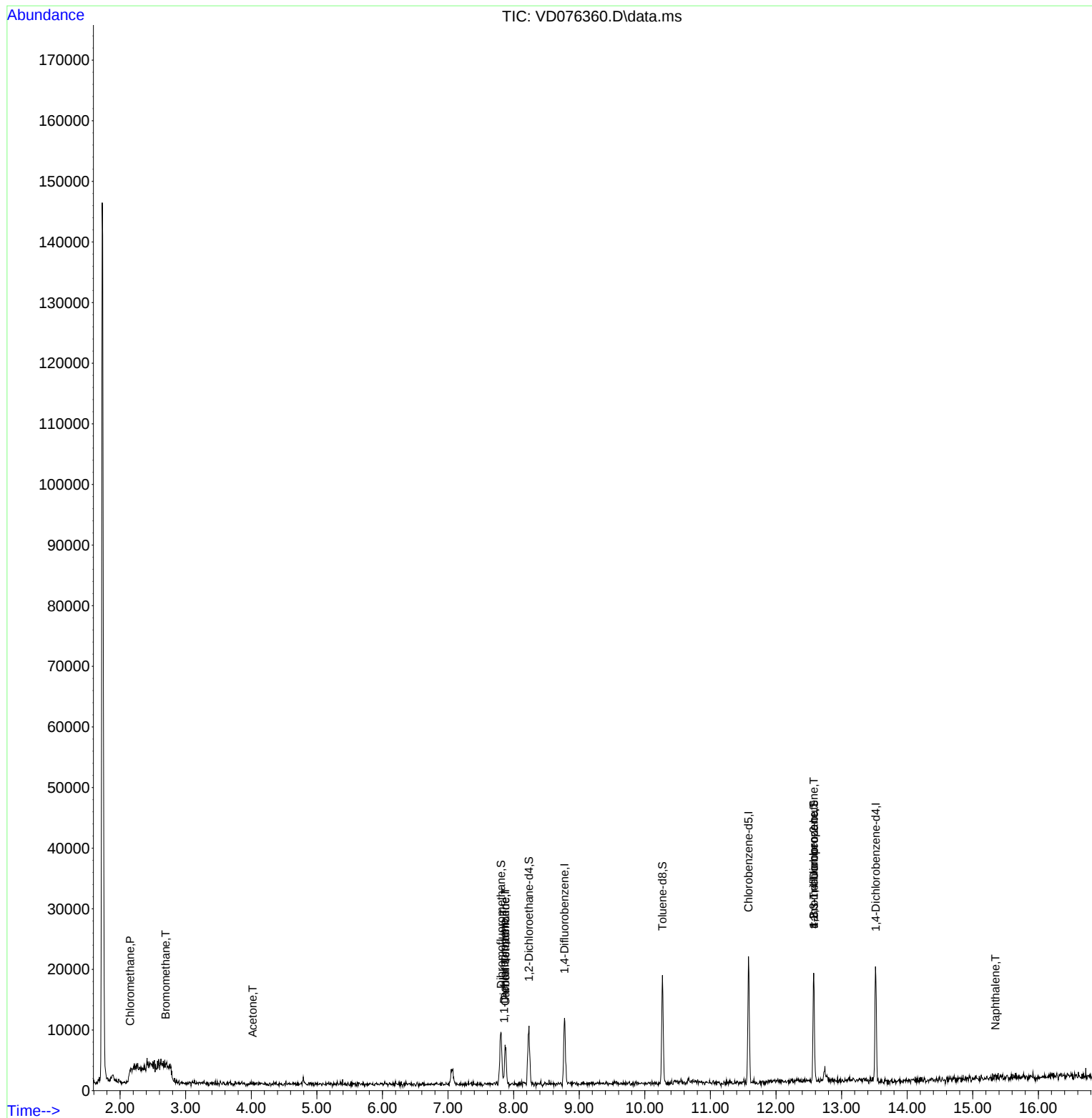
Internal Standards						
1) Pentafluorobenzene	7.869	168	6323	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	12260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	13818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	6205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7121	125.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 251.380%#	
35) Dibromofluoromethane	7.810	113	6415	82.409	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 164.820%#	
50) Toluene-d8	10.269	98	12850	41.461	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.920%	
62) 4-Bromofluorobenzene	12.575	95	5868	71.543	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 143.080%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.152	50	217	1.844	ug/l	# 41
5) Bromomethane	2.693	94	759	7.575	ug/l	# 45
16) Acetone	4.022	43	166	15.997	ug/l	# 32
20) Methylene Chloride	4.799	84	337	Below Cal	#	50
36) 1,1-Dichloropropene	7.857	75	145	1.296	ug/l	# 39
38) Carbon Tetrachloride	7.875	117	340	3.468	ug/l	# 11
76) 1,2,3-Trichloropropane	12.575	75	2920	50.413	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	2920	120.743	ug/l	# 17
95) Naphthalene	15.345	128	133	3.853	ug/l	# 69

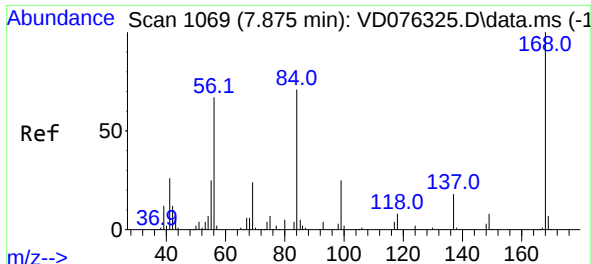
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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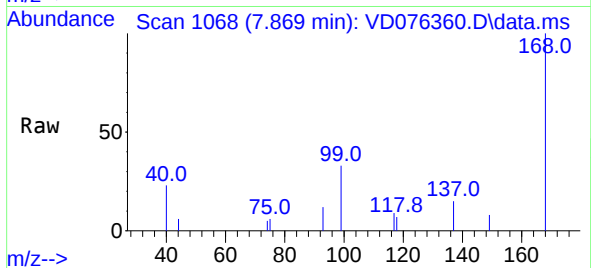
Quant Time: Jun 08 01:19:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



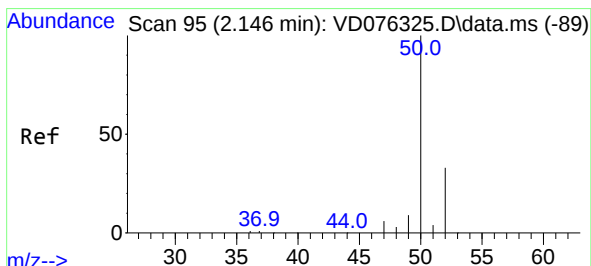
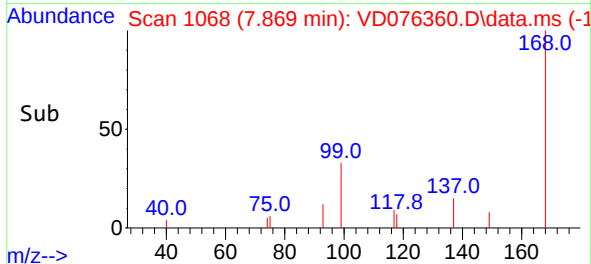
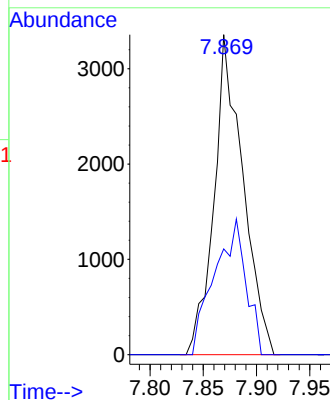


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

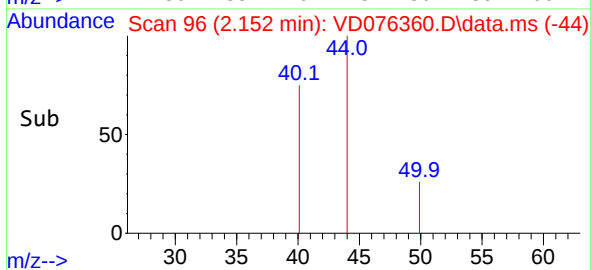
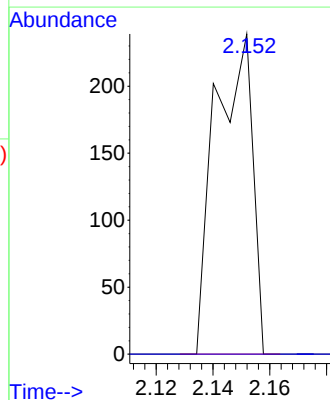
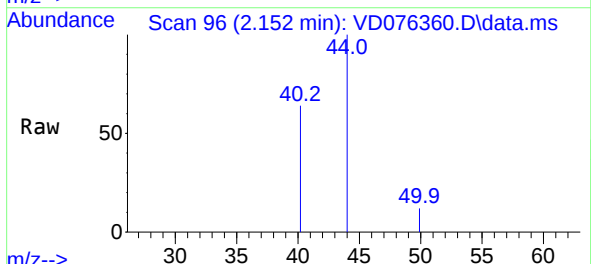


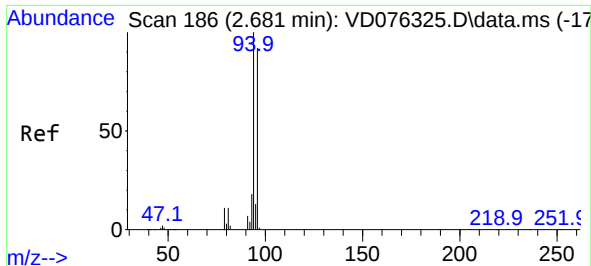
Tgt Ion:168 Resp: 6323
Ion Ratio Lower Upper
168 100
99 33.0 36.7 55.1#



#3
Chloromethane
Concen: 1.844 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

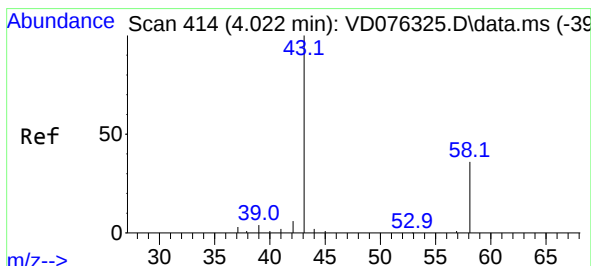
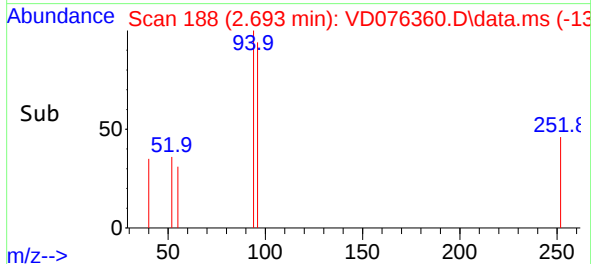
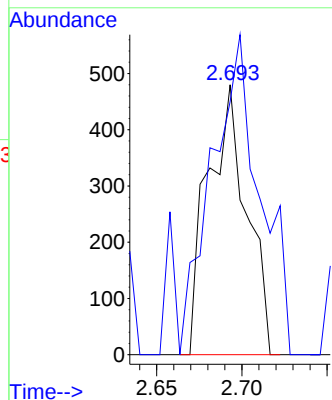
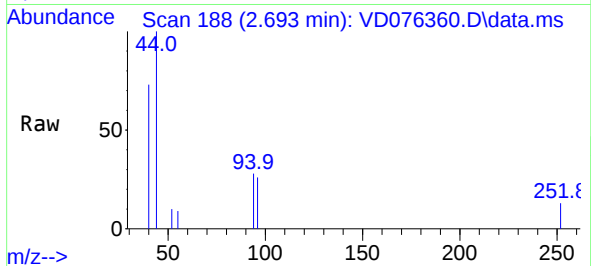




#5
Bromomethane
Concen: 7.575 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

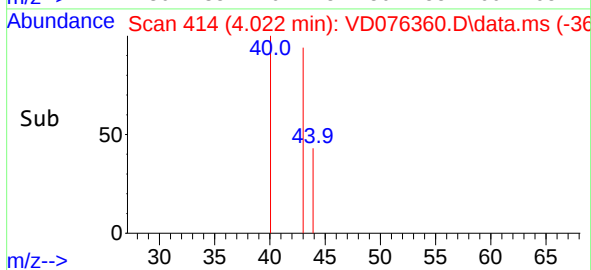
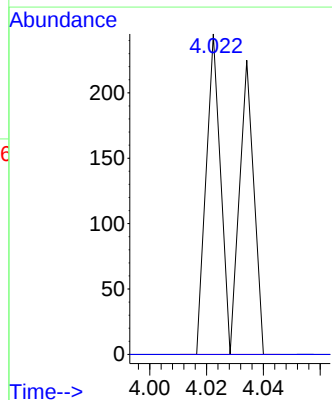
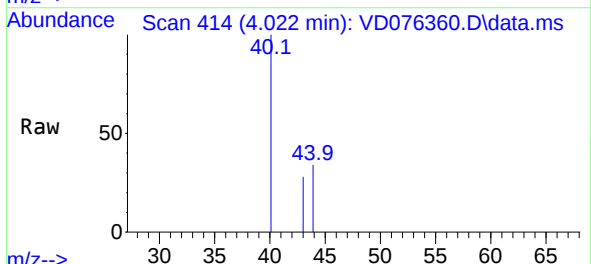
Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

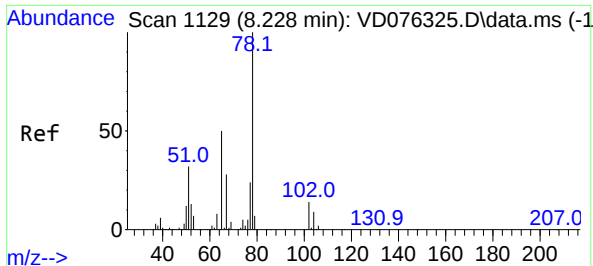
Tgt Ion: 94 Resp: 759
Ion Ratio Lower Upper
94 100
96 147.7 75.8 113.8#



#16
Acetone
Concen: 15.997 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 43 Resp: 166
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 125.693 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD076360.D

Acq: 07 Jun 2023 18:19

Instrument :

MSVOA_D

ClientSampleId :

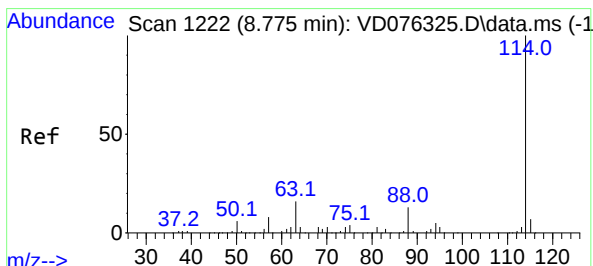
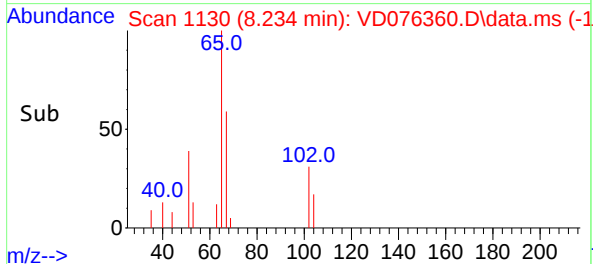
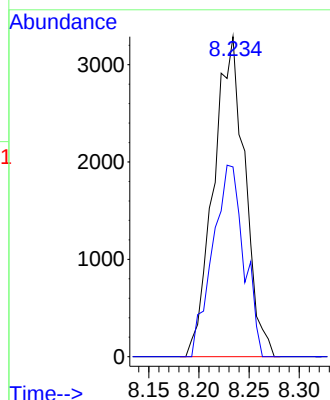
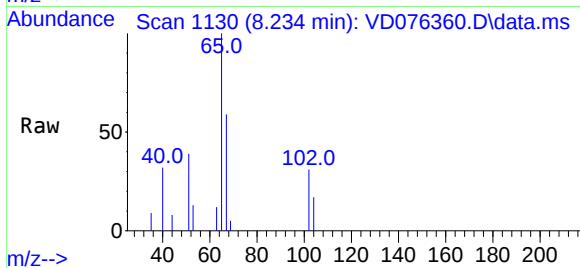
SU-3-06072023

Tgt Ion: 65 Resp: 7121

Ion Ratio Lower Upper

65 100

67 59.9 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: VD076360.D

Acq: 07 Jun 2023 18:19

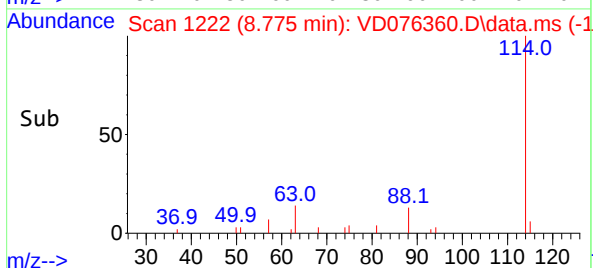
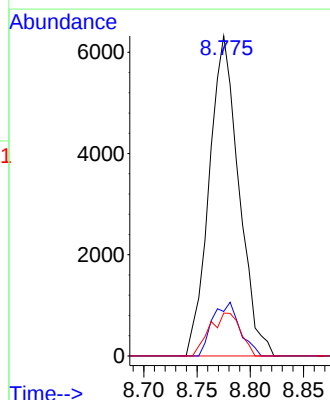
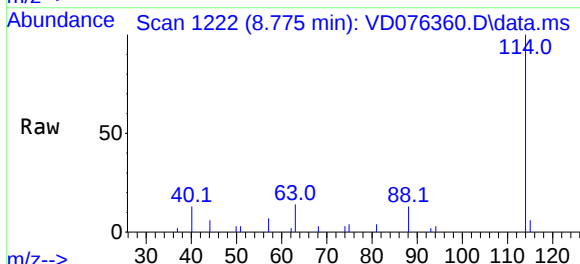
Tgt Ion: 114 Resp: 12260

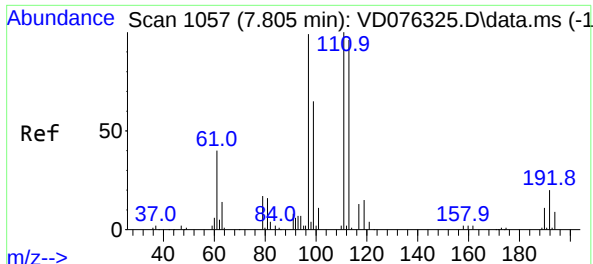
Ion Ratio Lower Upper

114 100

63 13.9 0.0 33.4

88 13.4 0.0 26.2



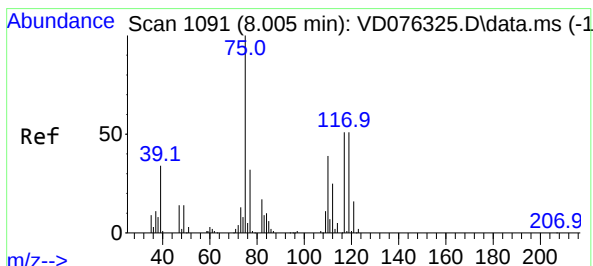
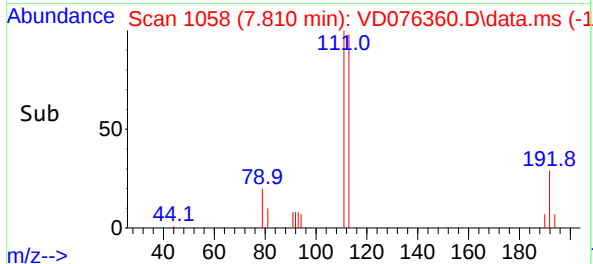
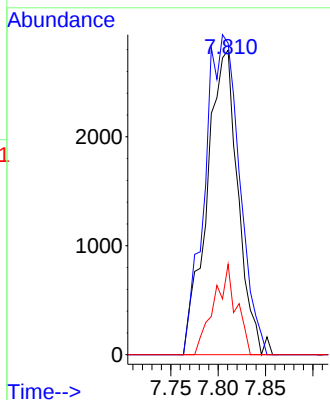
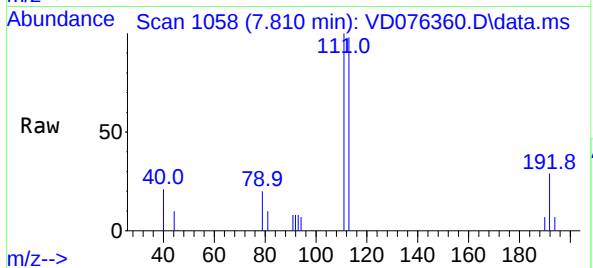


#35
 Dibromofluoromethane
 Concen: 82.409 ug/l
 RT: 7.810 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VD076360.D
 Acq: 07 Jun 2023 18:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-3-06072023

Tgt Ion:113 Resp: 6415

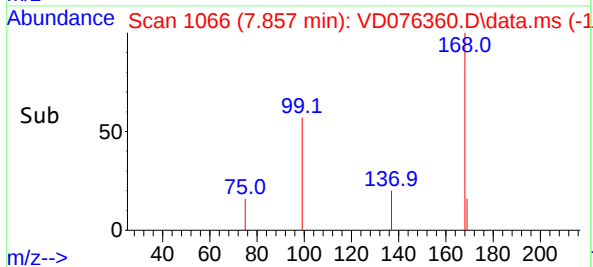
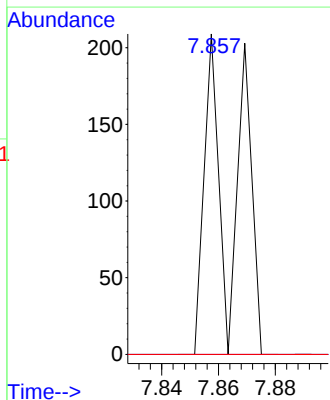
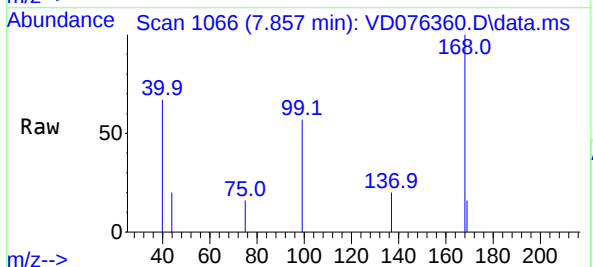
Ion	Ratio	Lower	Upper
113	100		
111	116.9	84.7	127.1
192	21.4	16.8	25.2

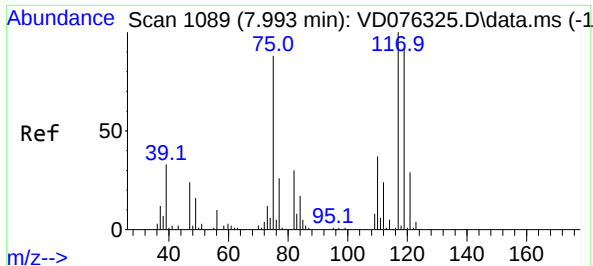


#36
 1,1-Dichloropropene
 Concen: 1.296 ug/l
 RT: 7.857 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VD076360.D
 Acq: 07 Jun 2023 18:19

Tgt Ion: 75 Resp: 145

Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.9	59.6#
77	0.0	24.7	37.1#

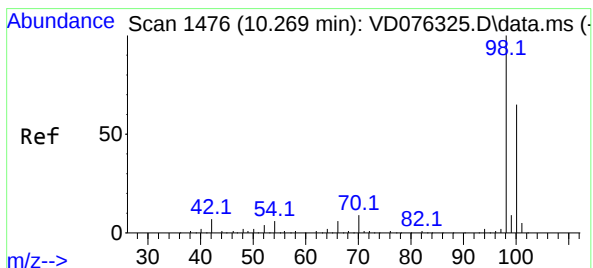
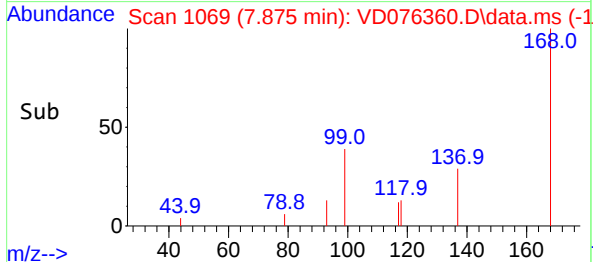
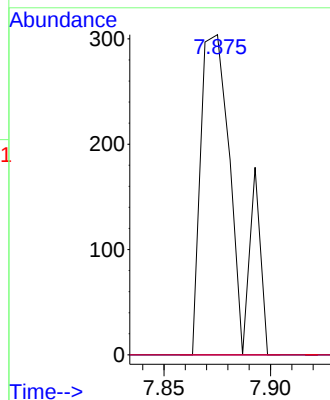
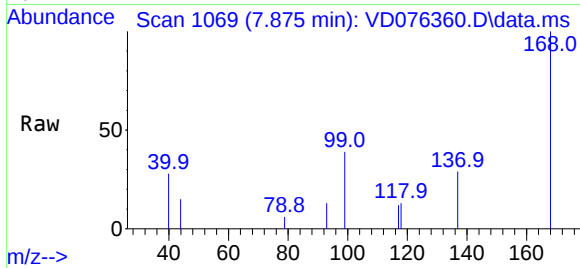




#38
Carbon Tetrachloride
Concen: 3.468 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

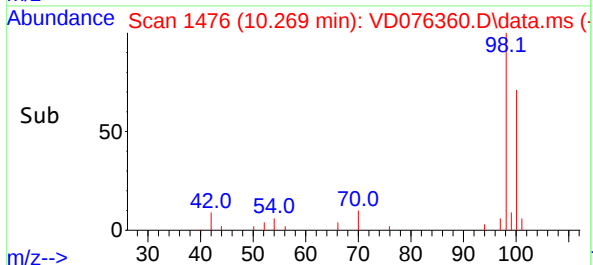
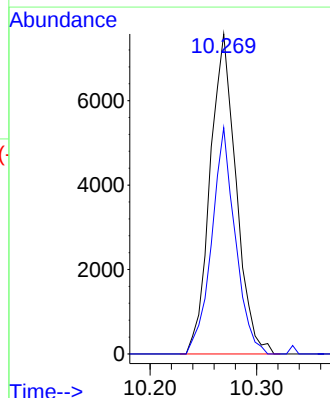
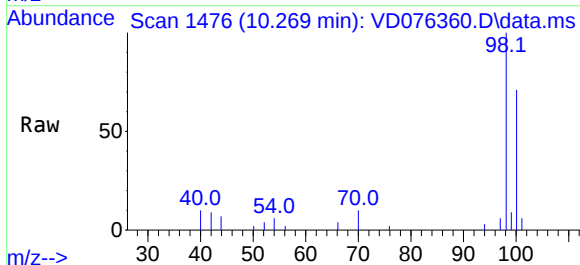
Instrument :
MSVOA_D
ClientSampleId :
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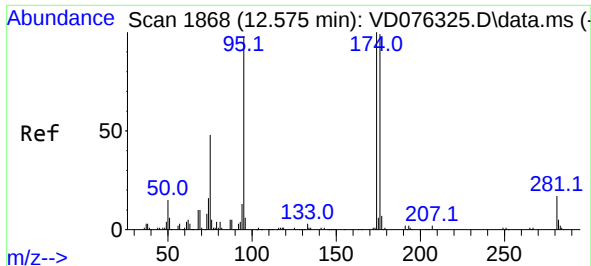
Tgt Ion:117 Resp: 340
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 41.461 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 98 Resp: 12850
Ion Ratio Lower Upper
98 100
100 64.3 50.3 75.5

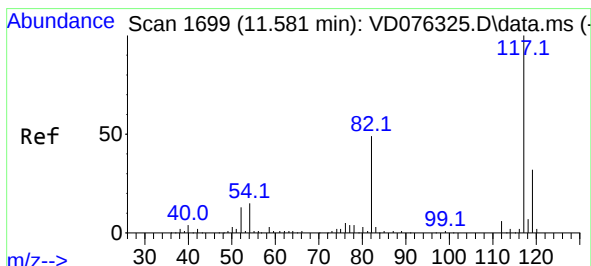
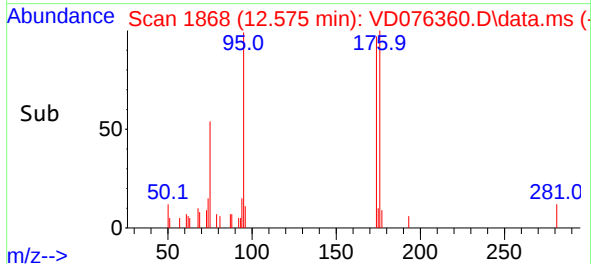
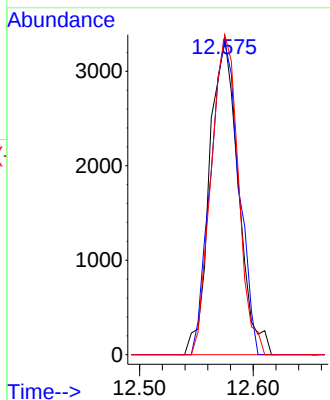
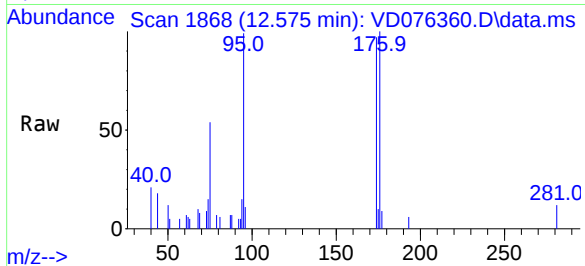




#62
4-Bromofluorobenzene
Concen: 71.543 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

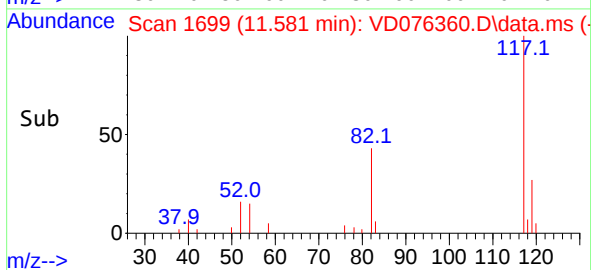
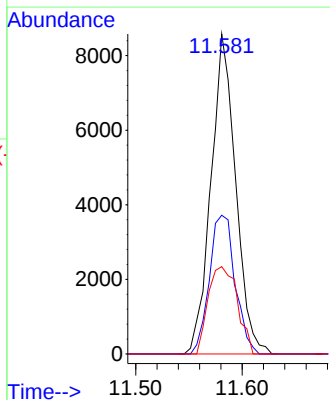
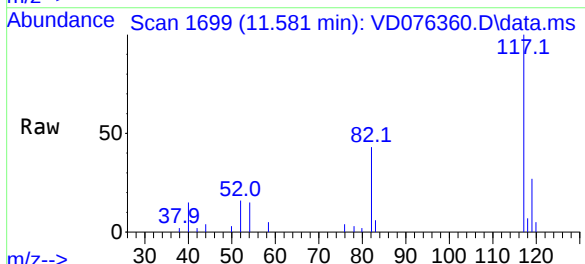
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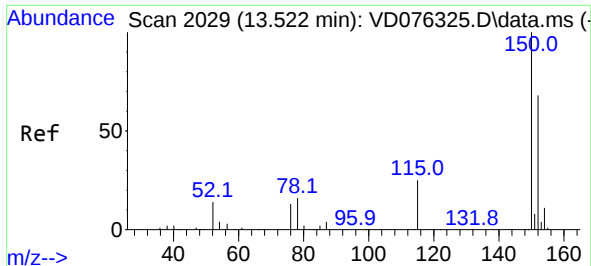
Tgt Ion:	95	Resp:	5868
Ion	Ratio	Lower	Upper
95	100		
174	98.1	0.0	201.8
176	95.9	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion:	117	Resp:	13818
Ion	Ratio	Lower	Upper
117	100		
82	43.4	38.3	57.5
119	27.3	25.0	37.4

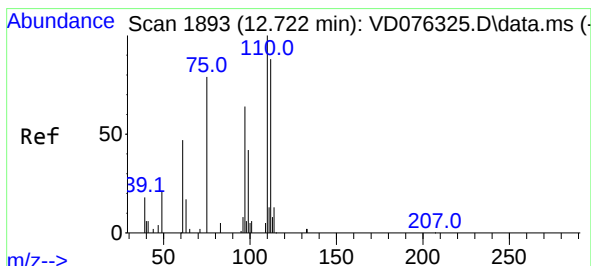
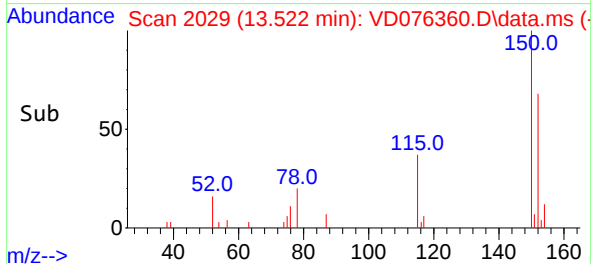
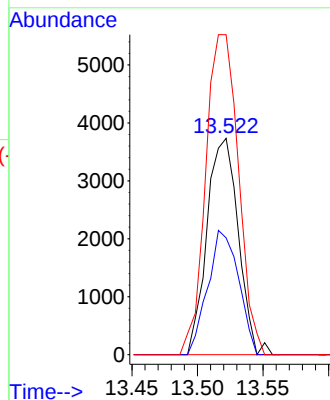
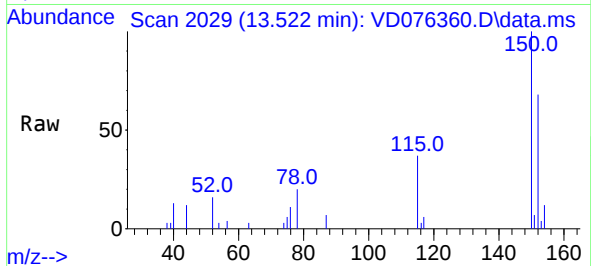




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

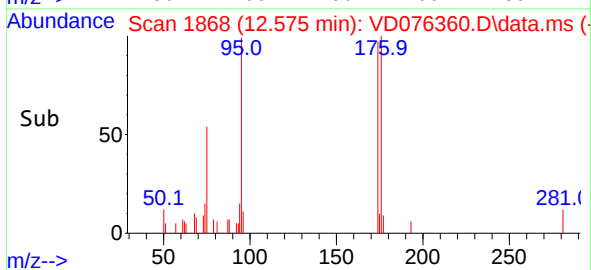
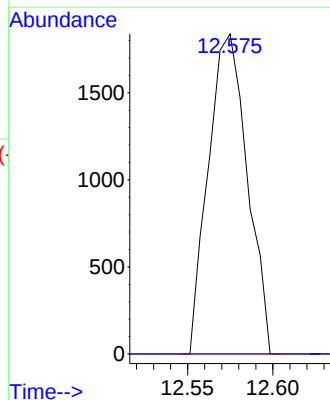
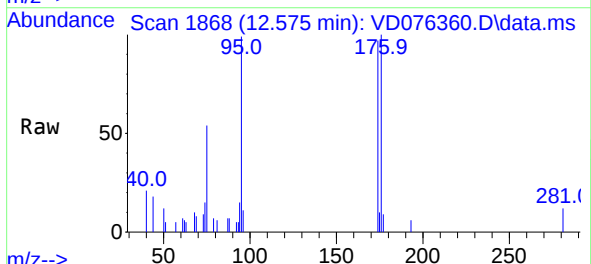
Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

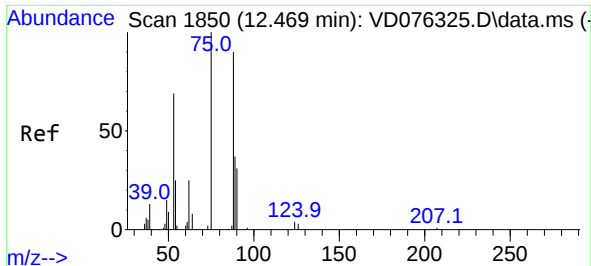
Tgt Ion:152 Resp: 6205
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 154.8 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 50.413 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 75 Resp: 2920
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

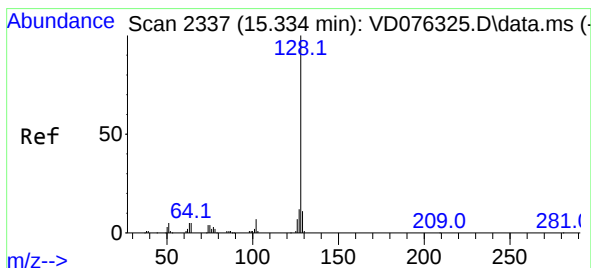
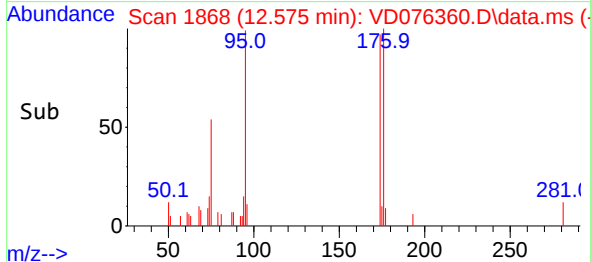
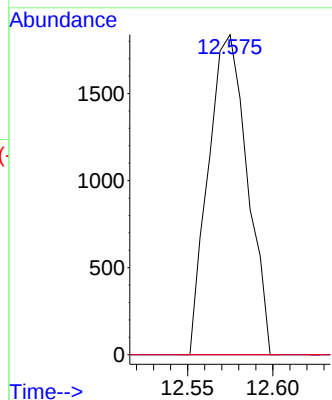
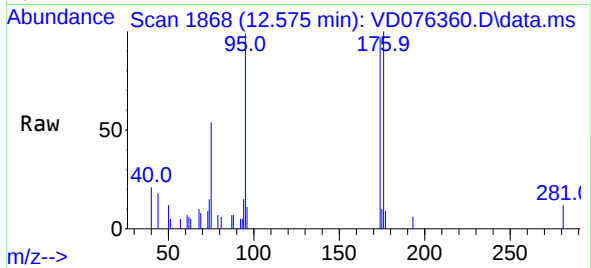




#81
trans-1,4-Dichloro-2-butene
Concen: 120.743 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Instrument :
MSVOA_D
ClientSampleId :
SU-3-06072023

Tgt Ion: 75 Resp: 2920
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 3.853 ug/l
RT: 15.345 min Scan# 2339
Delta R.T. 0.011 min
Lab File: VD076360.D
Acq: 07 Jun 2023 18:19

Tgt Ion: 128 Resp: 133
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 0.0 8.7 13.1#

