

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076940.D
 Acq On : 07 Aug 2023 19:27
 Operator : KP/SY
 Sample : 03903-03
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-03

Quant Time: Aug 08 04:41:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

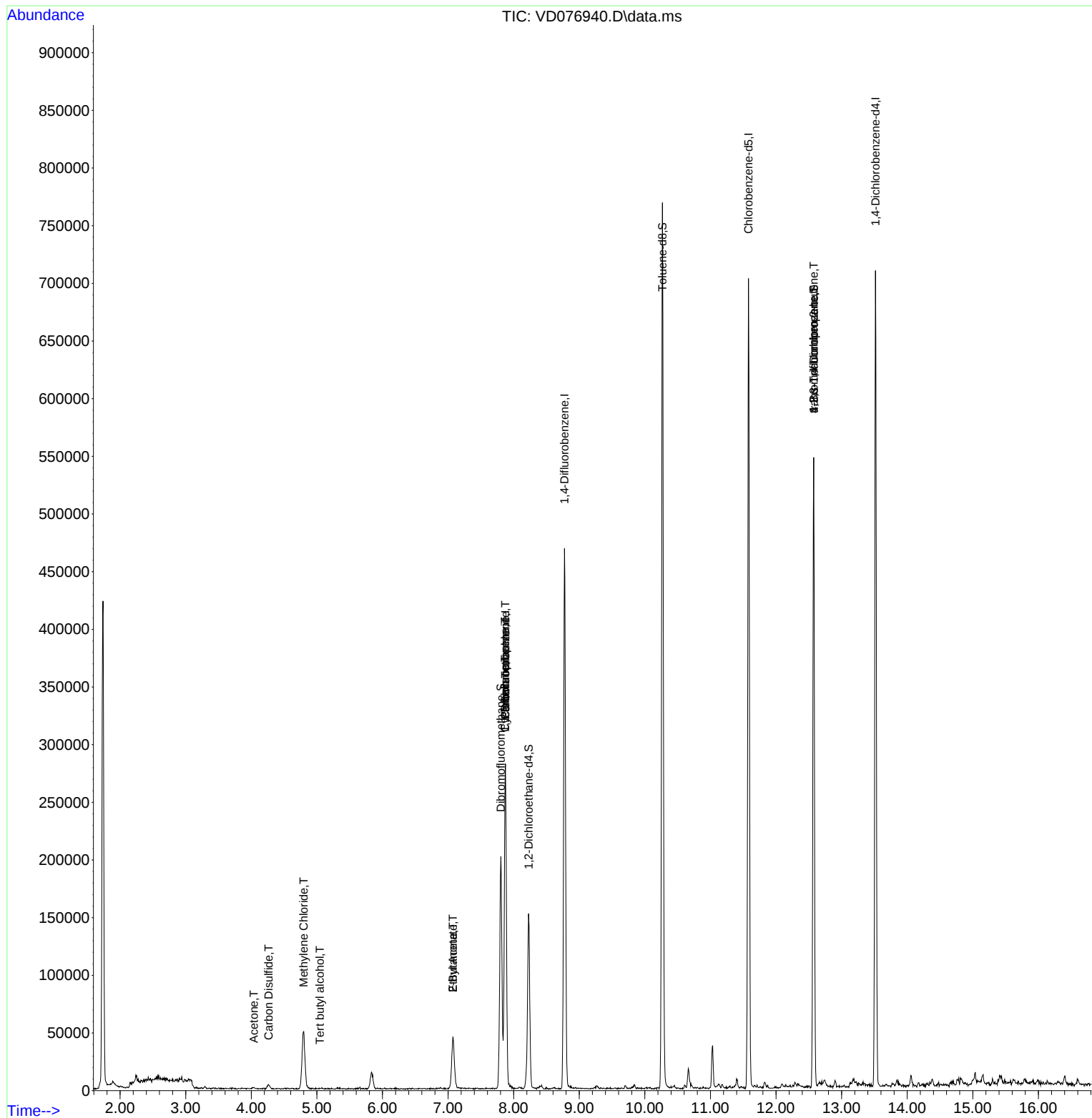
Internal Standards						
1) Pentafluorobenzene	7.875	168	219083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	435666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	427407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	192110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111389	51.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.100%	
35) Dibromofluoromethane	7.804	113	145942	53.307	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.620%	
50) Toluene-d8	10.269	98	536512	54.780	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.560%	
62) 4-Bromofluorobenzene	12.575	95	170150	53.703	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.046	59	452	2.776	ug/l #	73
16) Acetone	4.040	43	1673	3.210	ug/l #	32
17) Carbon Disulfide	4.263	76	7888	1.560	ug/l #	93
20) Methylene Chloride	4.799	84	41791	3.989	ug/l	95
25) 2-Butanone	7.075	43	2016	2.890	ug/l #	37
31) Cyclohexane	7.869	56	4906	1.528	ug/l #	25
36) 1,1-Dichloropropene	7.869	75	17496	4.891	ug/l #	46
37) Ethyl Acetate	7.075	43	2016	1.260	ug/l #	1
38) Carbon Tetrachloride	7.875	117	22143	6.464	ug/l #	14
76) 1,2,3-Trichloropropane	12.575	75	89214	48.832	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	89214	103.928	ug/l #	17

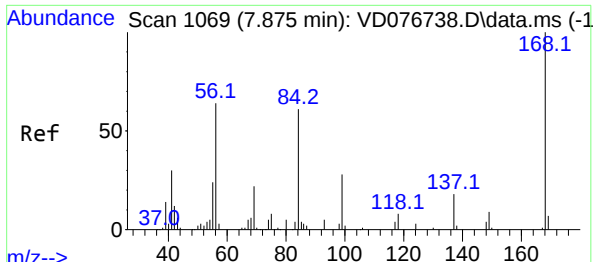
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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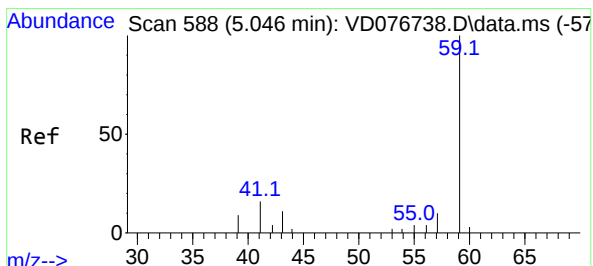
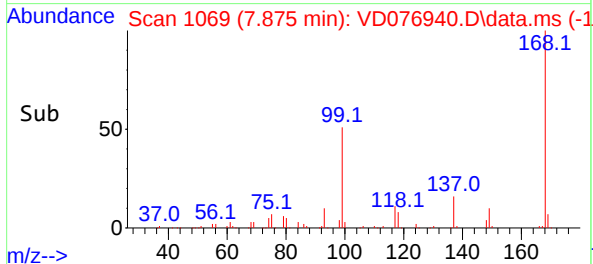
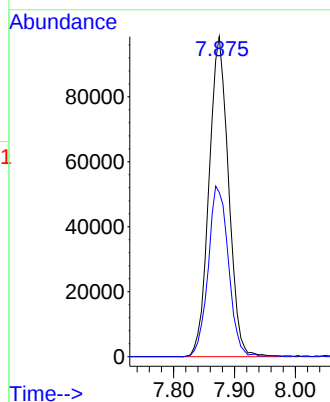
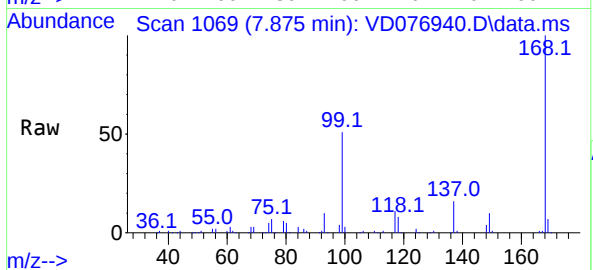




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

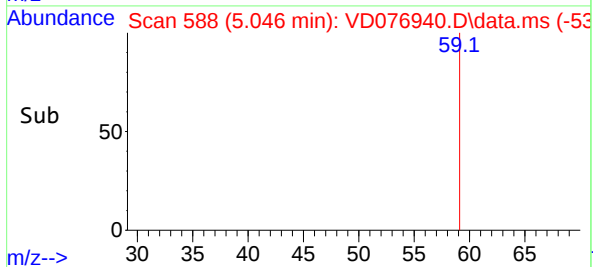
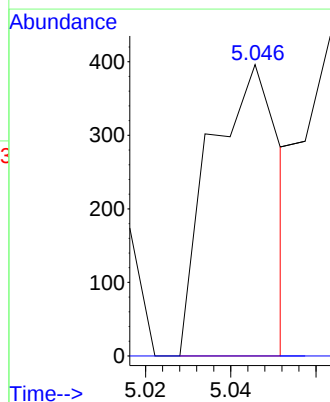
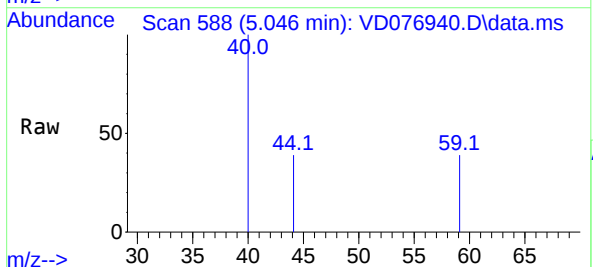
Instrument :
MSVOA_D
ClientSampleId :
MW-03

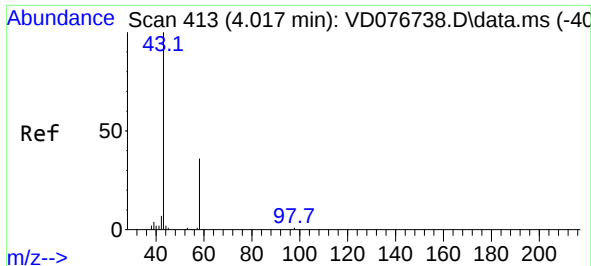
Tgt Ion:168 Resp: 219083
Ion Ratio Lower Upper
168 100
99 51.3 36.7 55.1



#11
Tert butyl alcohol
Concen: 2.776 ug/l
RT: 5.046 min Scan# 588
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Tgt Ion: 59 Resp: 452
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

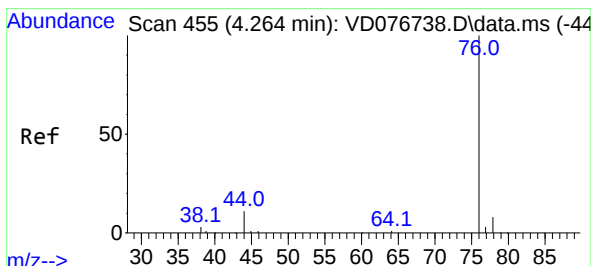
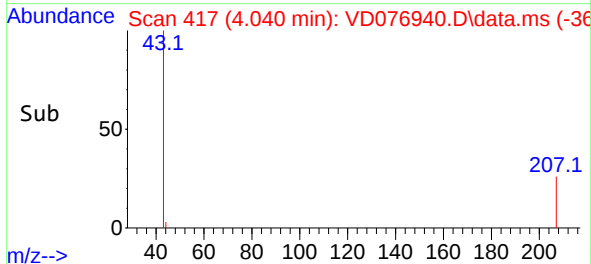
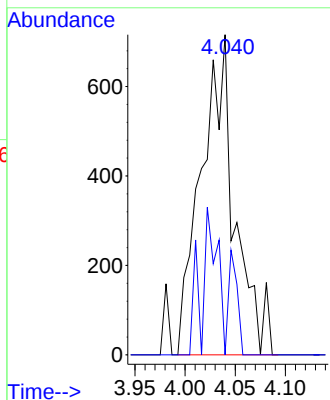
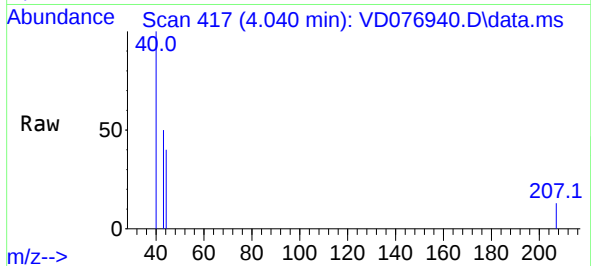




#16
Acetone
Concen: 3.210 ug/l
RT: 4.040 min Scan# 41
Delta R.T. 0.023 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

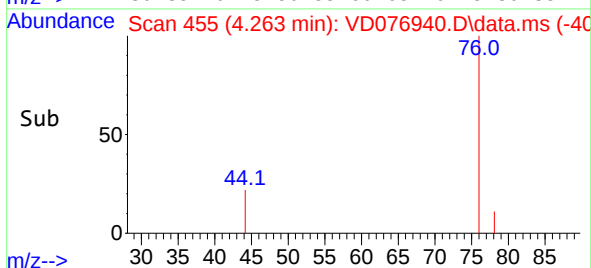
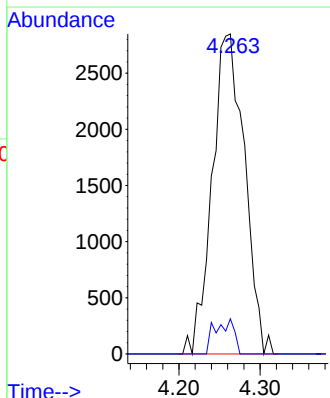
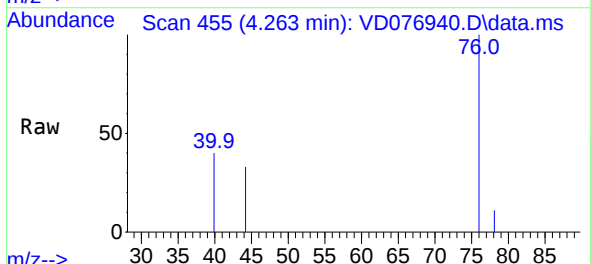
Instrument :
MSVOA_D
ClientSampleId :
MW-03

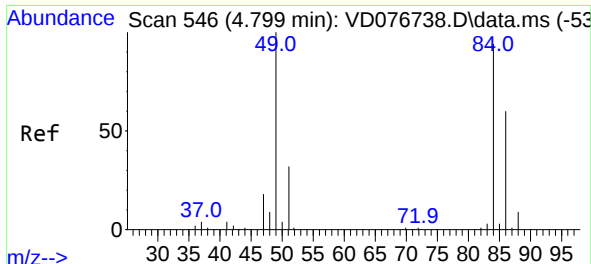
Tgt Ion: 43 Resp: 1673
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#17
Carbon Disulfide
Concen: 1.560 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.001 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Tgt Ion: 76 Resp: 7888
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2#



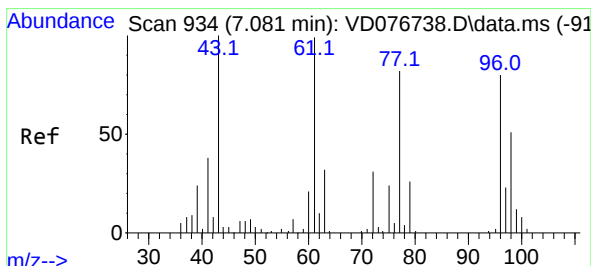
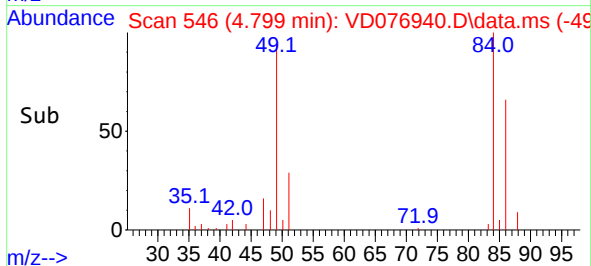
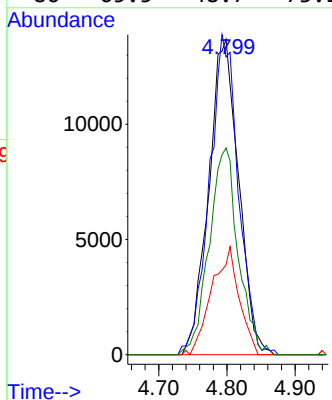
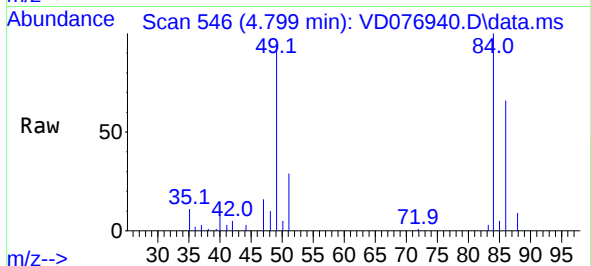


#20
Methylene Chloride
Concen: 3.989 ug/l
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :
MW-03

Tgt Ion: 84 Resp: 41791

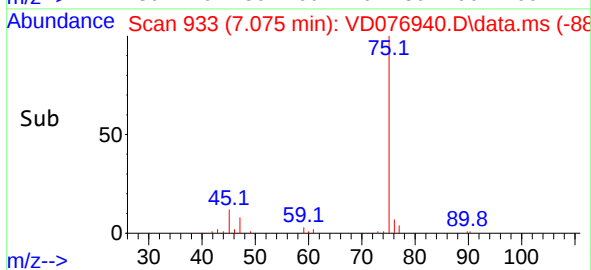
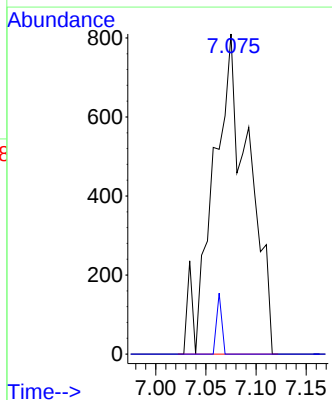
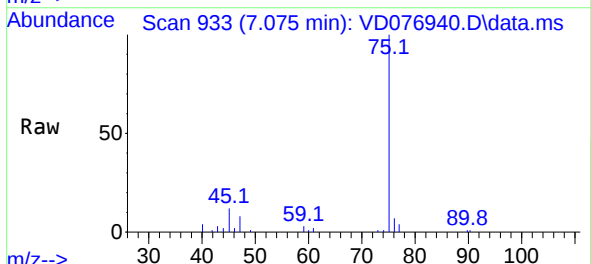
Ion	Ratio	Lower	Upper
84	100		
49	94.4	71.4	107.2
51	28.5	24.5	36.7
86	65.5	48.7	73.1

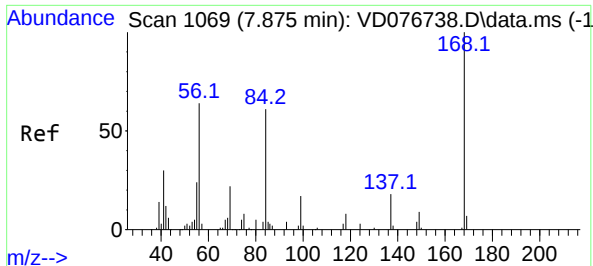


#25
2-Butanone
Concen: 2.890 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Tgt Ion: 43 Resp: 2016

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

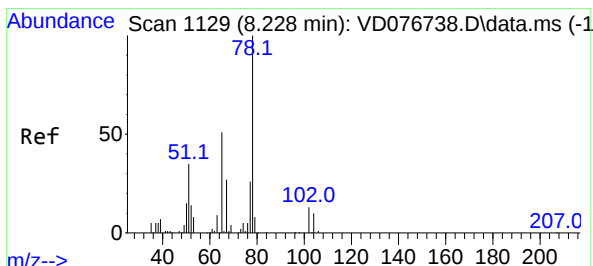
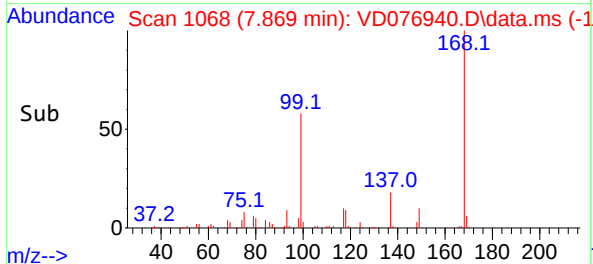
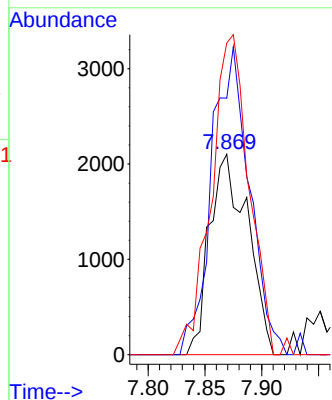
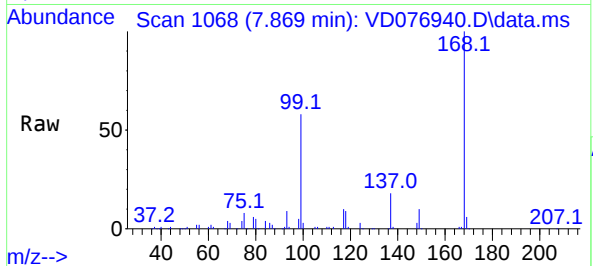




#31
Cyclohexane
Concen: 1.528 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

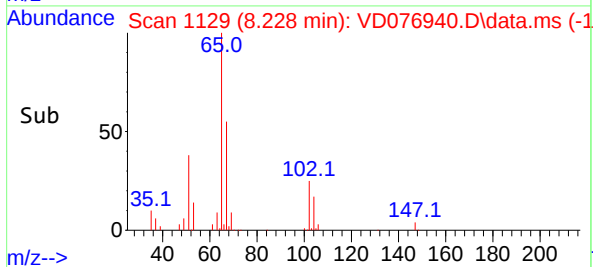
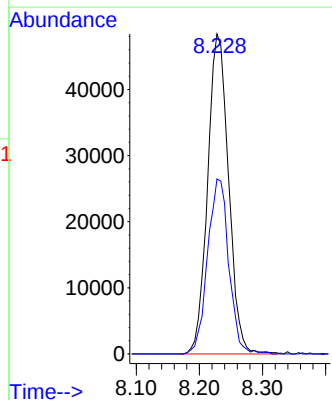
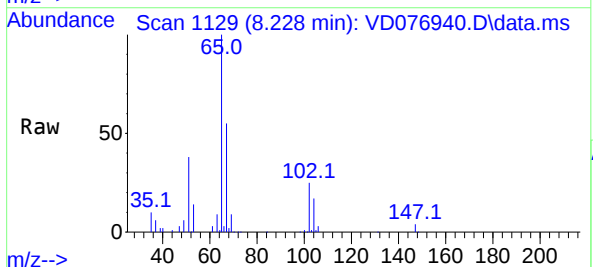
Instrument :
MSVOA_D
ClientSampleId :
MW-03

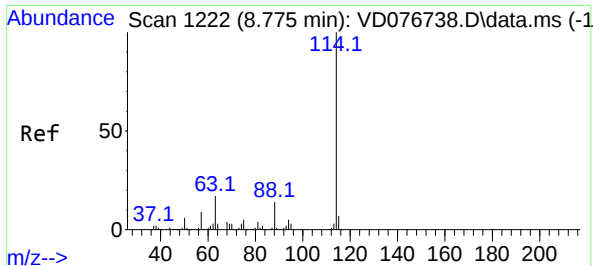
Tgt Ion: 56 Resp: 4906
Ion Ratio Lower Upper
56 100
69 128.0 28.6 43.0#
84 155.4 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 51.046 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Tgt Ion: 65 Resp: 111389
Ion Ratio Lower Upper
65 100
67 55.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076940.D

Acq: 07 Aug 2023 19:27

Instrument :

MSVOA_D

ClientSampleId :

MW-03

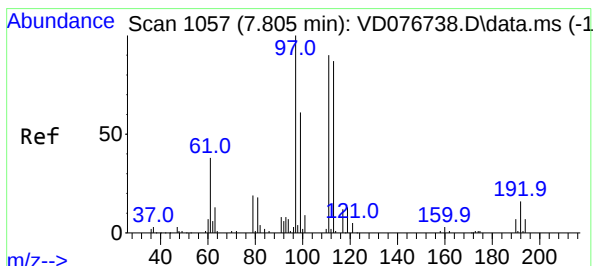
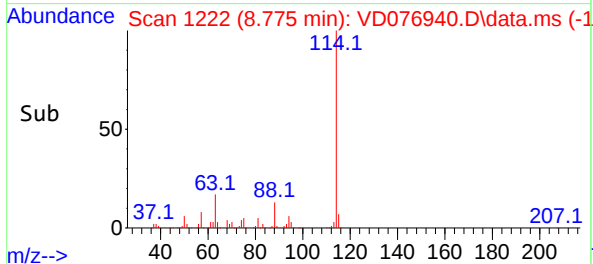
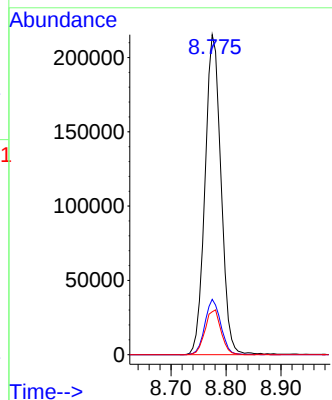
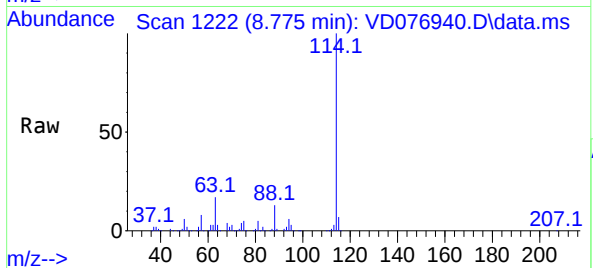
Tgt Ion:114 Resp: 435666

Ion Ratio Lower Upper

114 100

63 17.3 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 53.307 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076940.D

Acq: 07 Aug 2023 19:27

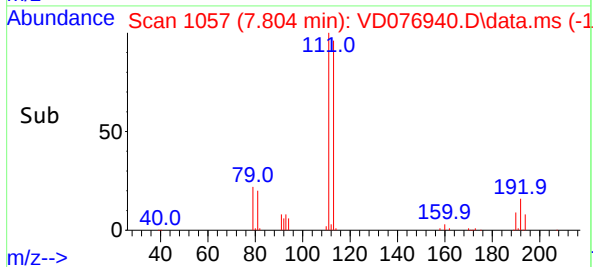
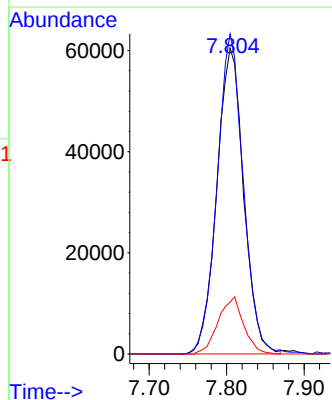
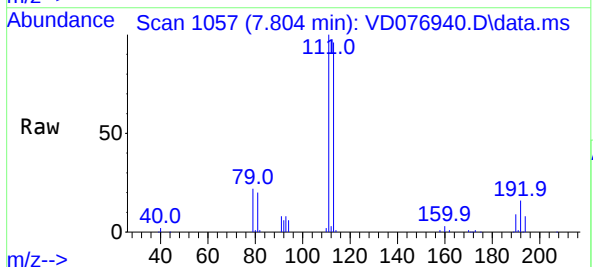
Tgt Ion:113 Resp: 145942

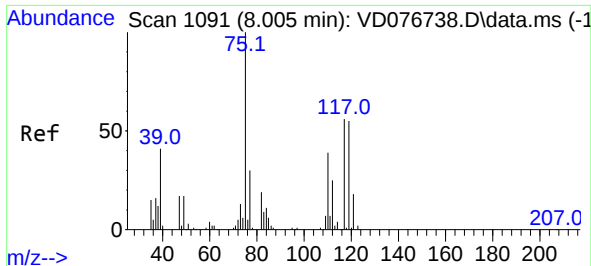
Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 17.6 16.8 25.2

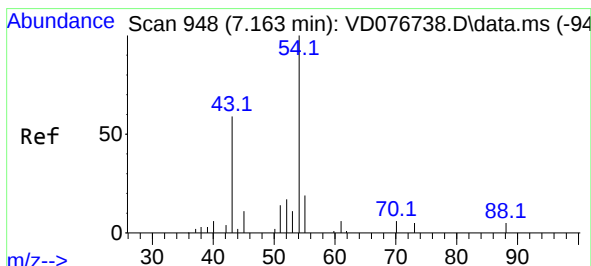
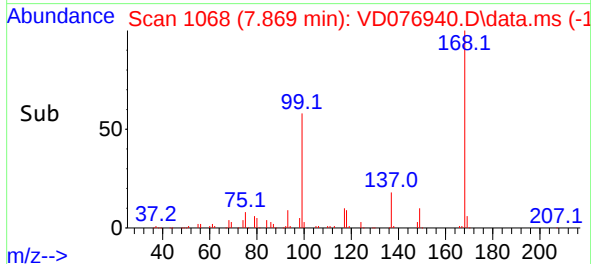
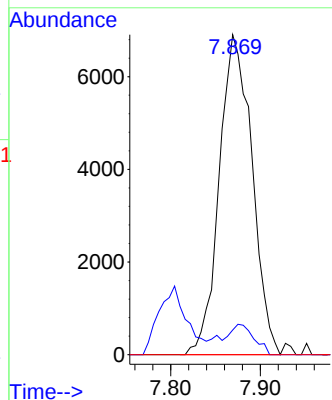
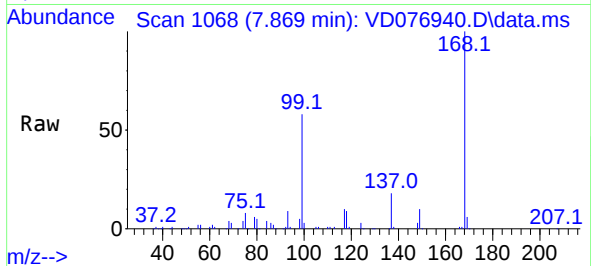




#36
1,1-Dichloropropene
Concen: 4.891 ug/l
RT: 7.869 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

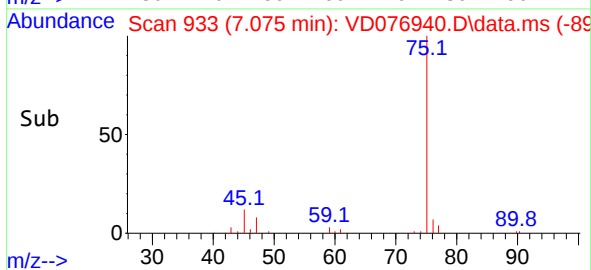
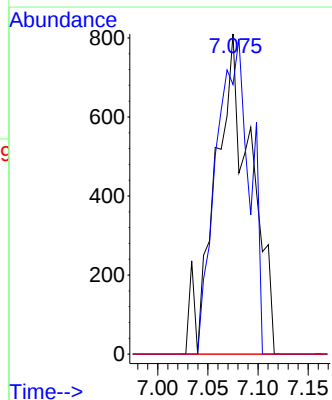
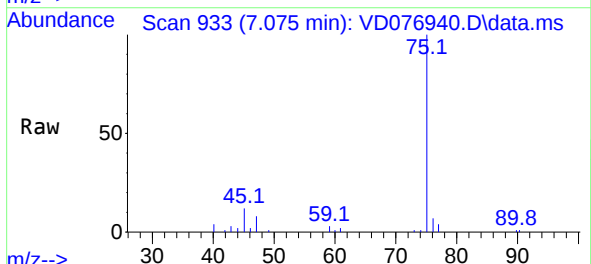
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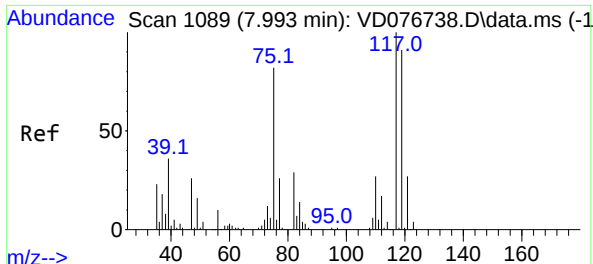
Tgt Ion:	75	Resp:	17496
Ion	Ratio	Lower	Upper
75	100		
110	7.1	19.9	59.6#
77	0.0	24.7	37.1#



#37
Ethyl Acetate
Concen: 1.260 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.088 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

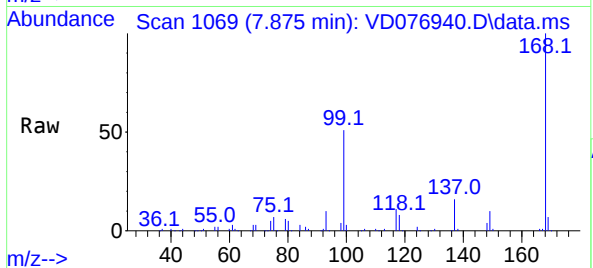
Tgt Ion:	43	Resp:	2016
Ion	Ratio	Lower	Upper
43	100		
61	92.1	14.9	22.3#
70	0.0	10.0	15.0#



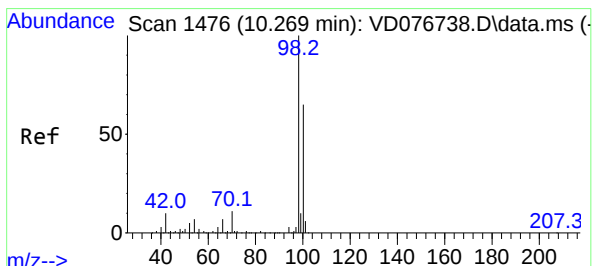
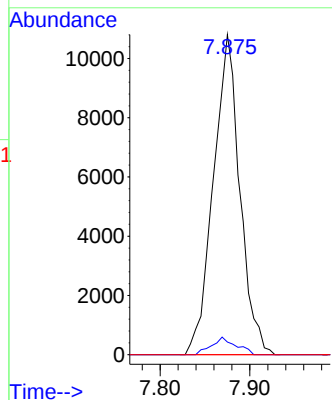
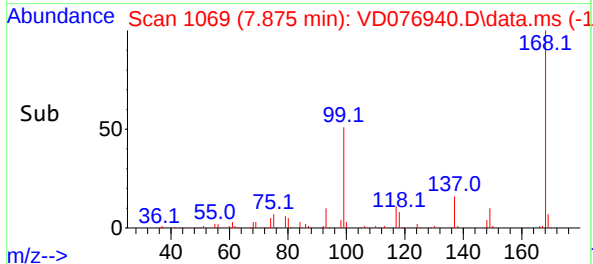


#38
Carbon Tetrachloride
Concen: 6.464 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :
MW-03

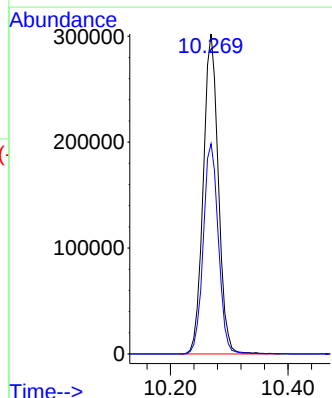
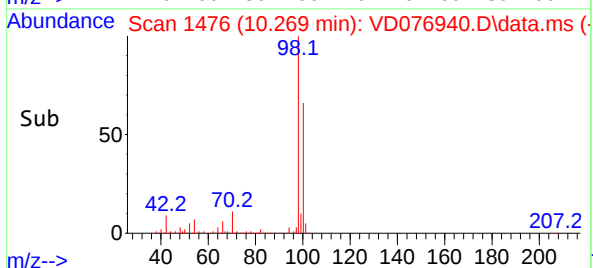
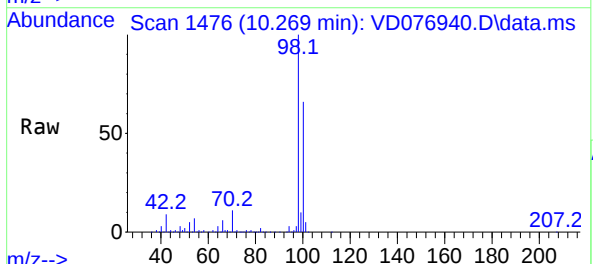


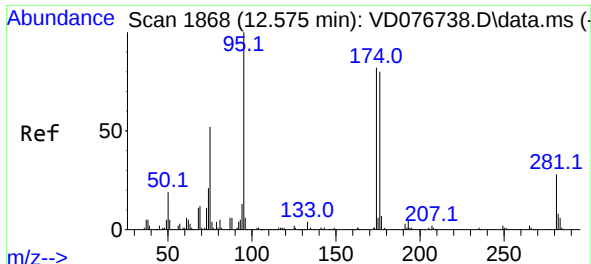
Tgt Ion:117 Resp: 22143
Ion Ratio Lower Upper
117 100
119 3.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.780 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Tgt Ion: 98 Resp: 536512
Ion Ratio Lower Upper
98 100
100 65.8 50.3 75.5

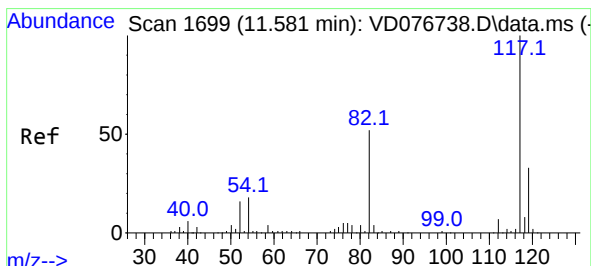
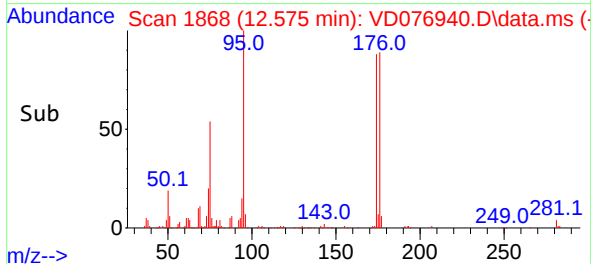
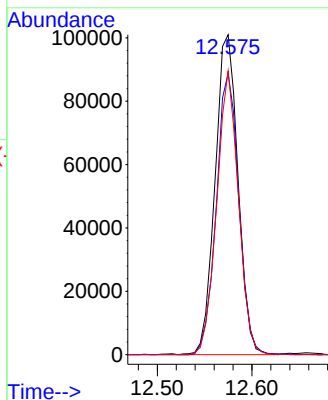
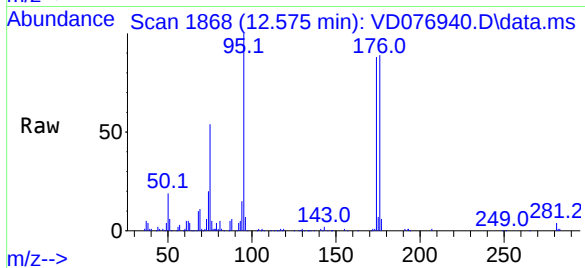




#62
4-Bromofluorobenzene
Concen: 53.703 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

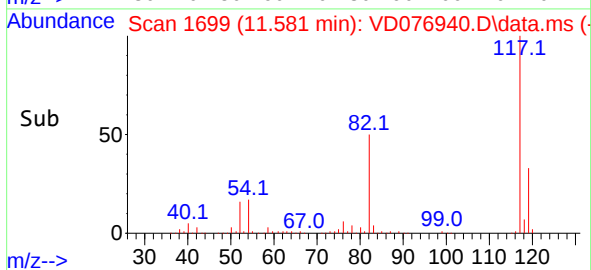
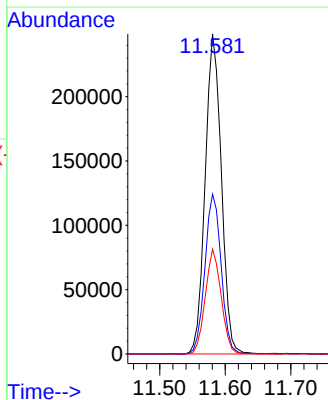
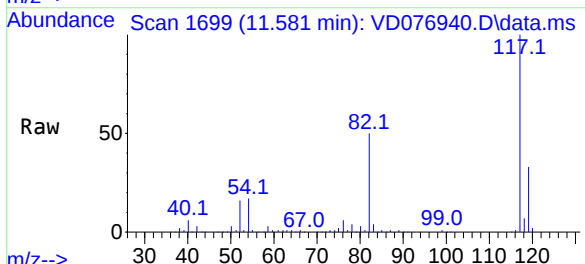
Instrument :
MSVOA_D
ClientSampleId :
MW-03

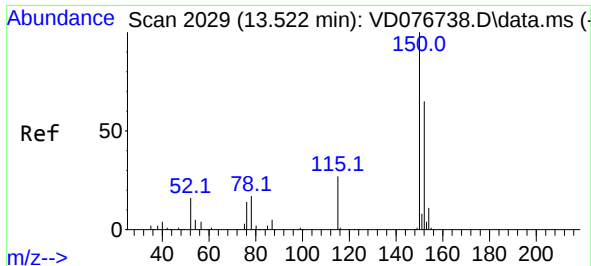
Tgt Ion:	95	Resp:	170150
Ion	Ratio	Lower	Upper
95	100		
174	86.2	0.0	201.8
176	83.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076940.D
Acq: 07 Aug 2023 19:27

Tgt Ion:	117	Resp:	427407
Ion	Ratio	Lower	Upper
117	100		
82	50.0	38.3	57.5
119	32.8	25.0	37.4

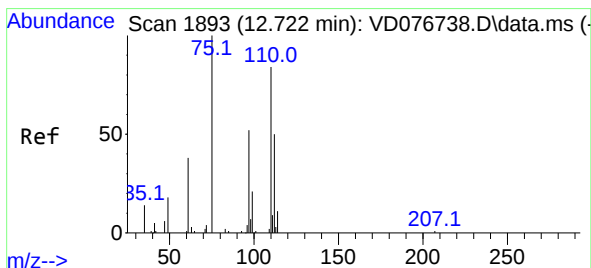
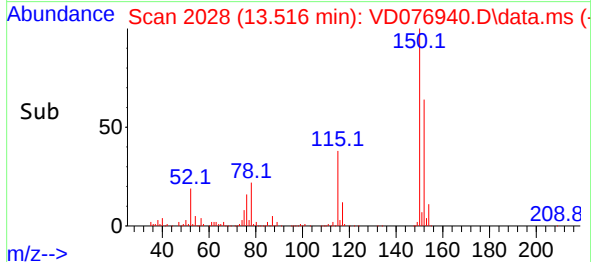
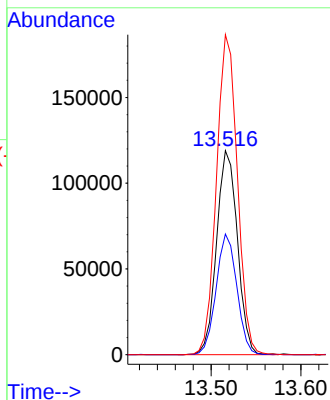
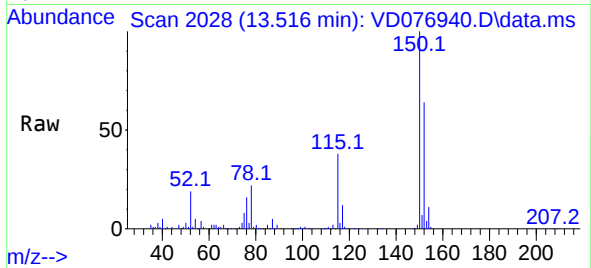




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076940.D
 Acq: 07 Aug 2023 19:27

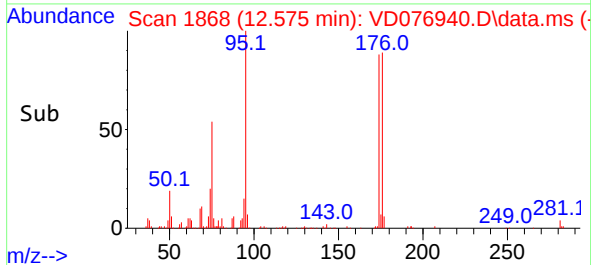
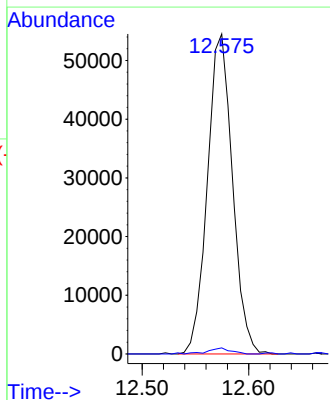
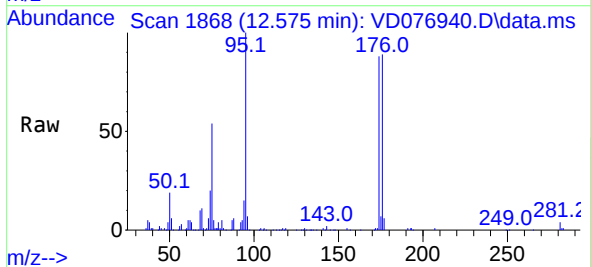
Instrument :
 MSVOA_D
 ClientSampleId :
 MW-03

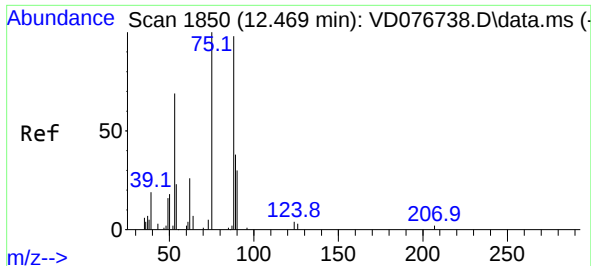
Tgt Ion:152 Resp: 192110
 Ion Ratio Lower Upper
 152 100
 115 58.9 27.1 81.3
 150 157.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 48.832 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076940.D
 Acq: 07 Aug 2023 19:27

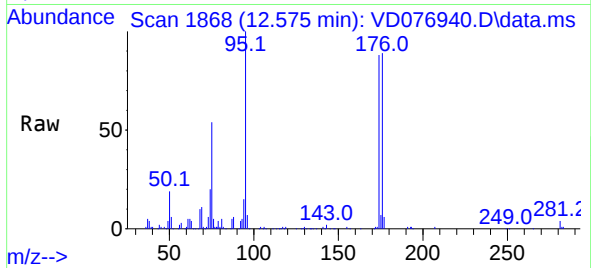
Tgt Ion: 75 Resp: 89214
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.928 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076940.D
 Acq: 07 Aug 2023 19:27

Instrument :
 MSVOA_D
 ClientSampleId :
 MW-03



Tgt Ion:	75	Resp:	89214
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

