

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076803.D
 Acq On : 26 Jul 2023 13:57
 Operator : KP/SY
 Sample : VD0726SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:21:55 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)

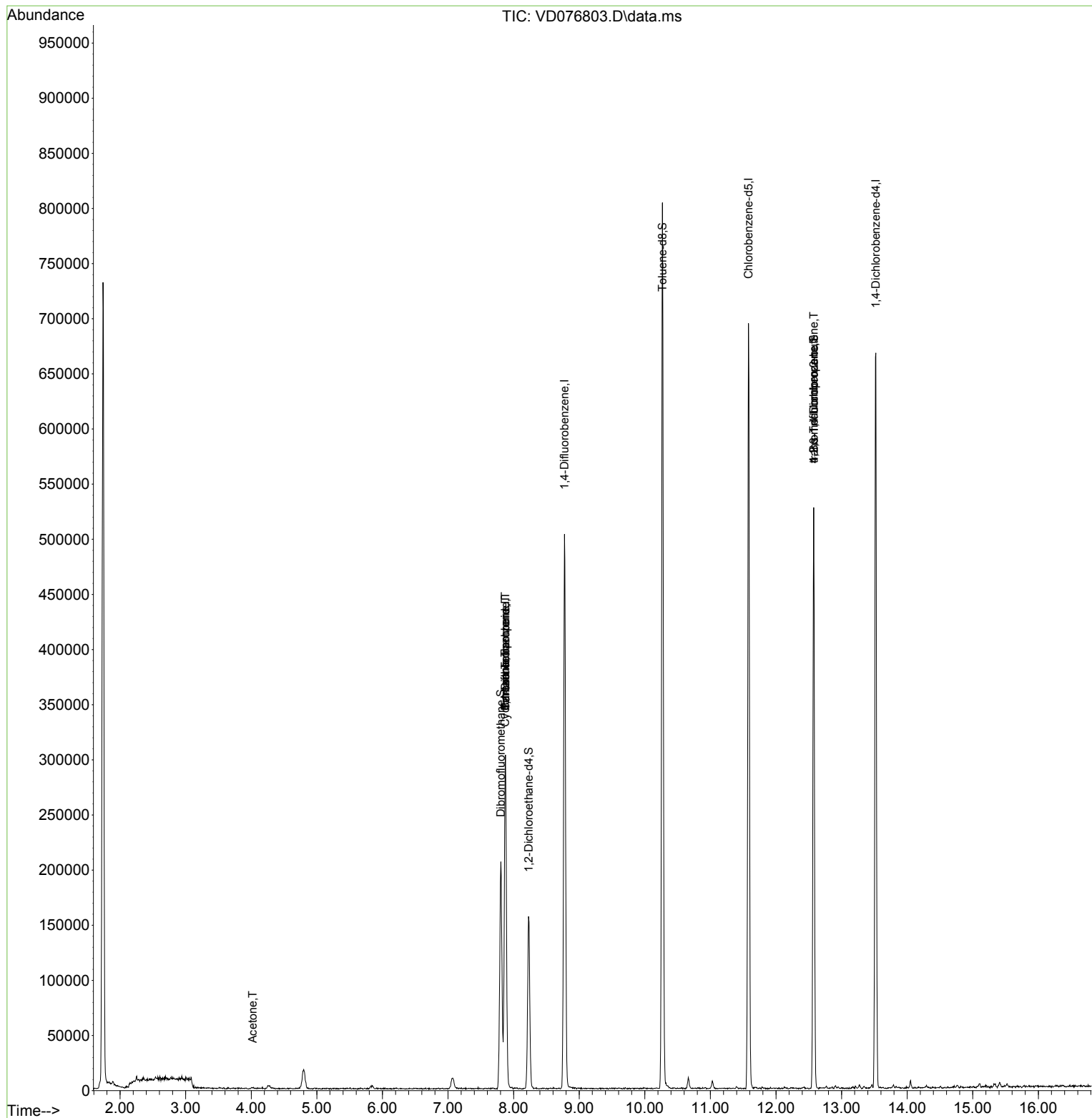
Internal Standards						
1) Pentafluorobenzene	7.875	168	239408	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	473158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	423637	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	185558	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	121071	50.773	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.540%	
35) Dibromofluoromethane	7.805	113	150040	50.461	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.920%	
50) Toluene-d8	10.269	98	568872	53.481	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.575	95	159825	46.447	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.900%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	876	1.538	ug/l	# 76
20) Methylene Chloride	4.805	84	15004	Below Cal		95
31) Cyclohexane	7.869	56	4724	1.346	ug/l	# 4
36) 1,1-Dichloropropene	7.875	75	19767	5.088	ug/l	# 50
38) Carbon Tetrachloride	7.875	117	23182	6.231	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	81156	45.990	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	81156	97.879	ug/l	# 17

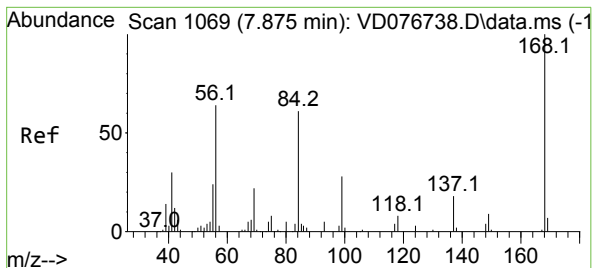
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 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: VD076803.D

Acq: 26 Jul 2023 13:57

Instrument :

MSVOA_D

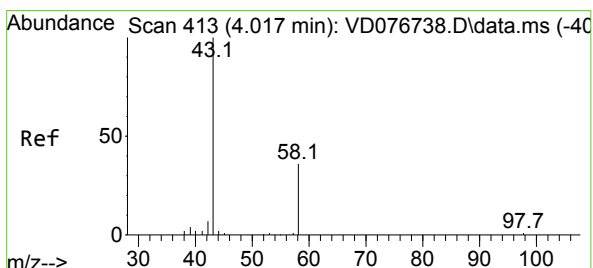
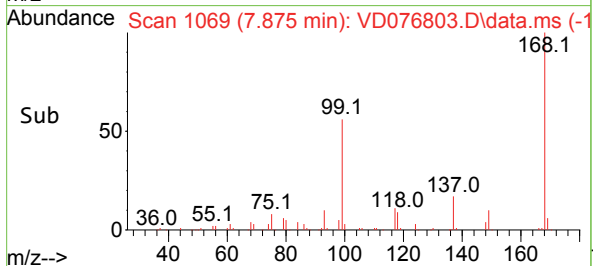
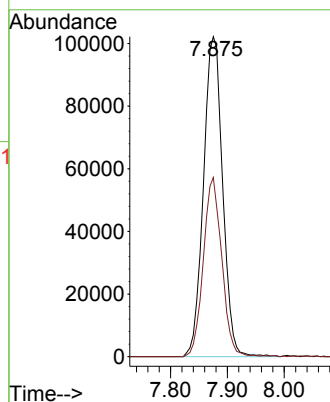
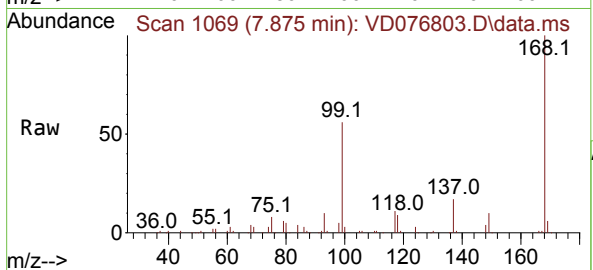
ClientSampleId :

Tgt Ion:168 Resp: 239408

Ion Ratio Lower Upper

168 100

99 56.0 36.7 55.1#



#16

Acetone

Concen: 1.538 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.005 min

Lab File: VD076803.D

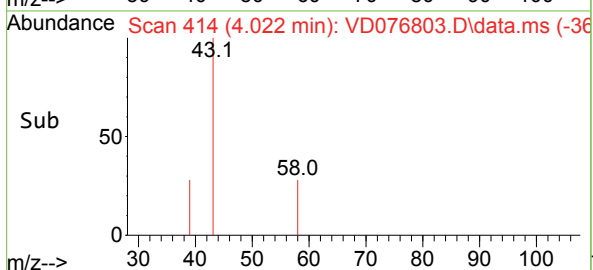
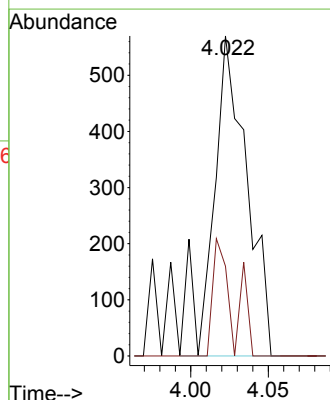
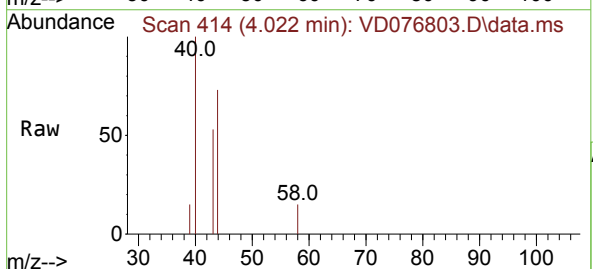
Acq: 26 Jul 2023 13:57

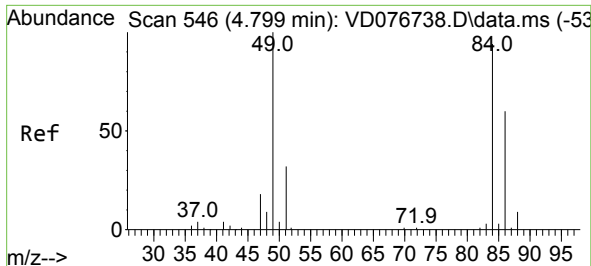
Tgt Ion: 43 Resp: 876

Ion Ratio Lower Upper

43 100

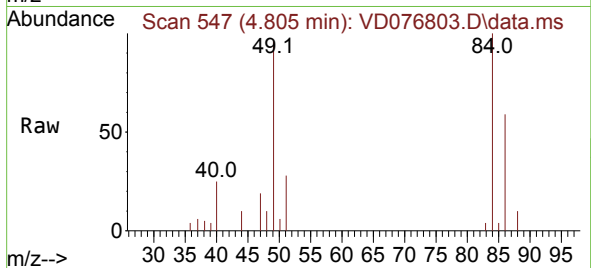
58 28.1 34.7 52.1#





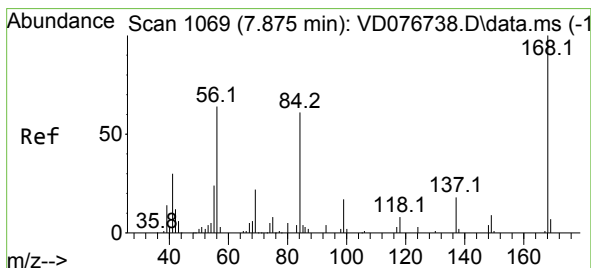
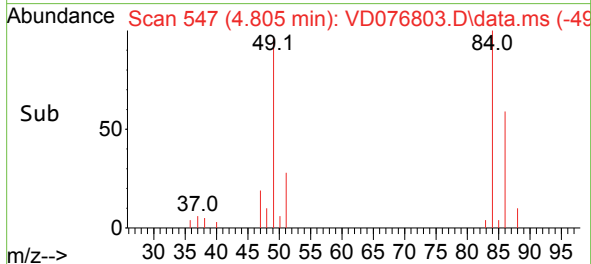
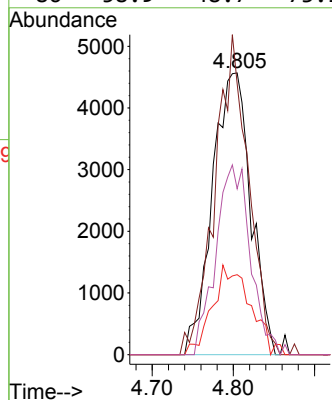
#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 546
Delta R.T. 0.006 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 15004

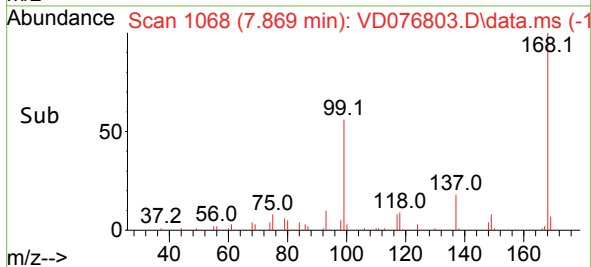
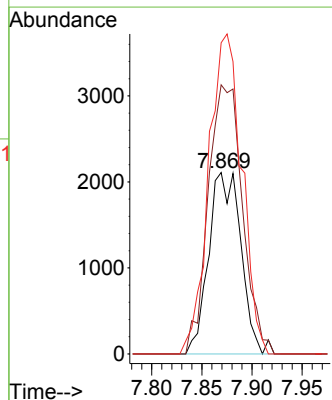
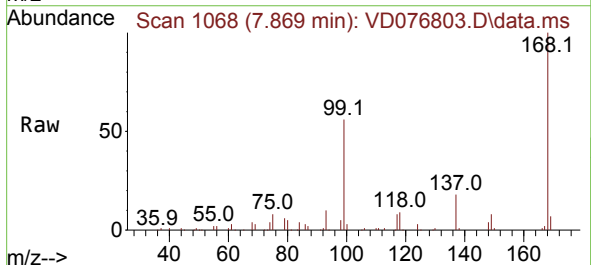
Ion	Ratio	Lower	Upper
84	100		
49	96.1	71.4	107.2
51	28.4	24.5	36.7
86	58.9	48.7	73.1

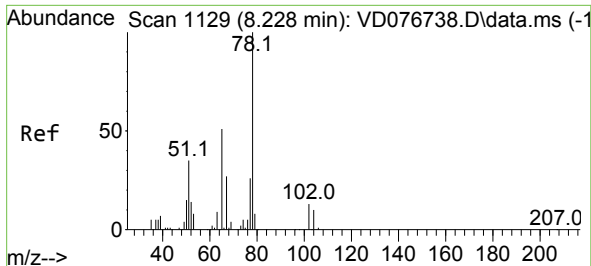


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion: 56 Resp: 4724

Ion	Ratio	Lower	Upper
56	100		
69	148.4	28.6	43.0#
84	171.6	84.8	127.2#





#33

1,2-Dichloroethane-d4

Concen: 50.773 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076803.D

Acq: 26 Jul 2023 13:57

Instrument :

MSVOA_D

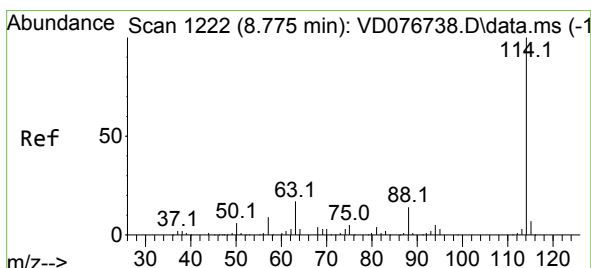
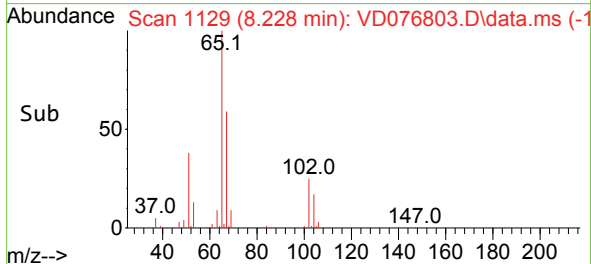
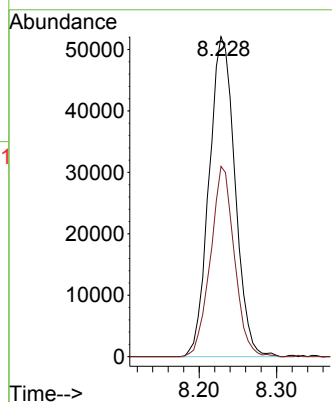
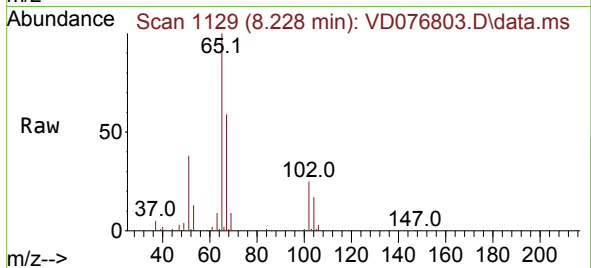
ClientSampleId :

Tgt Ion: 65 Resp: 121071

Ion Ratio Lower Upper

65 100

67 54.8 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: VD076803.D

Acq: 26 Jul 2023 13:57

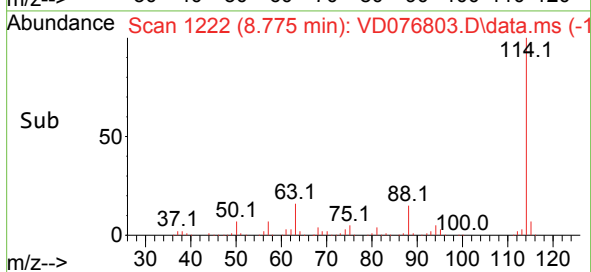
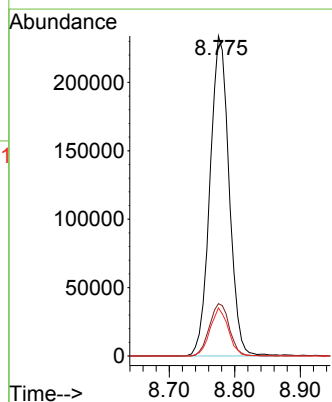
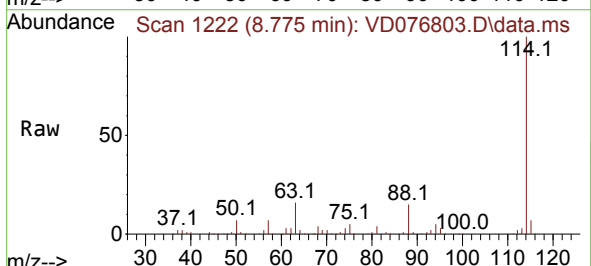
Tgt Ion: 114 Resp: 473158

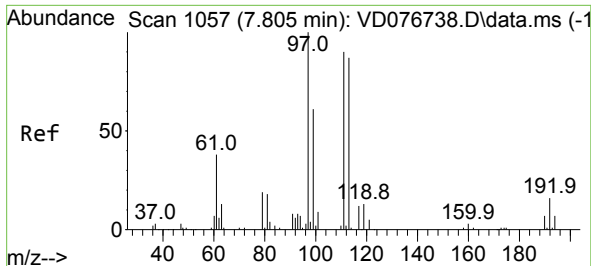
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 15.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.461 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

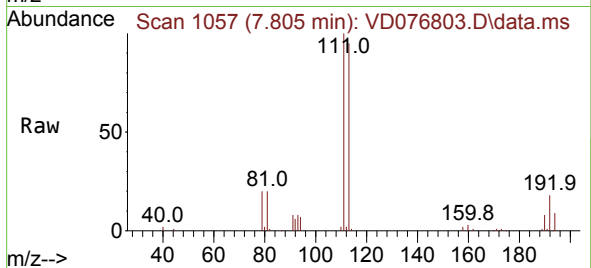
Lab File: VD076803.D

Acq: 26 Jul 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :



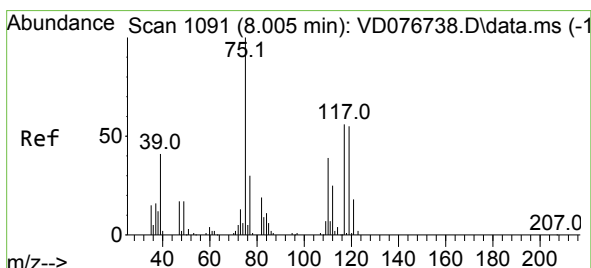
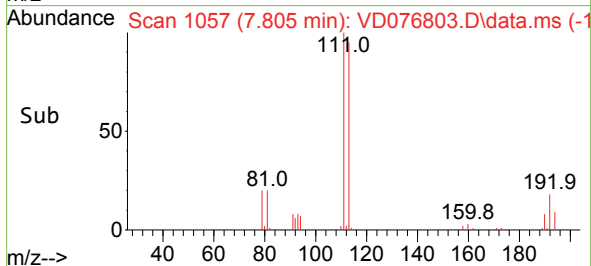
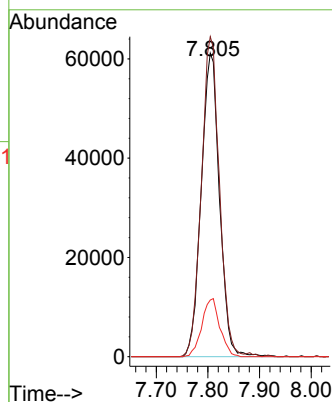
Tgt Ion:113 Resp: 150040

Ion Ratio Lower Upper

113 100

111 103.9 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 5.088 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076803.D

Acq: 26 Jul 2023 13:57

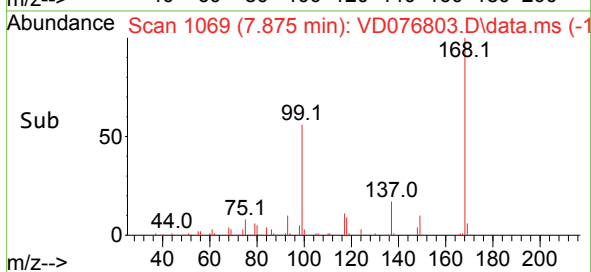
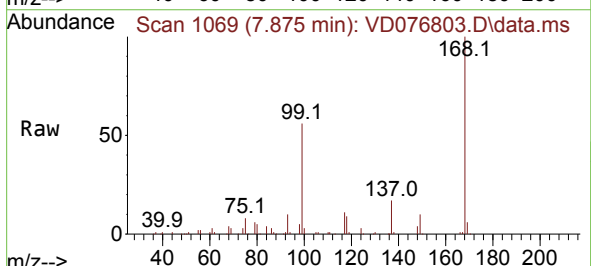
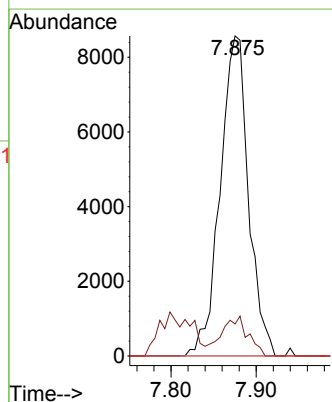
Tgt Ion: 75 Resp: 19767

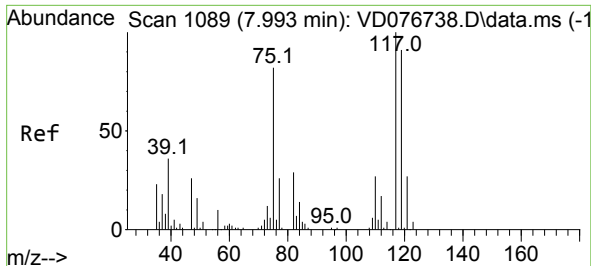
Ion Ratio Lower Upper

75 100

110 11.7 19.9 59.6#

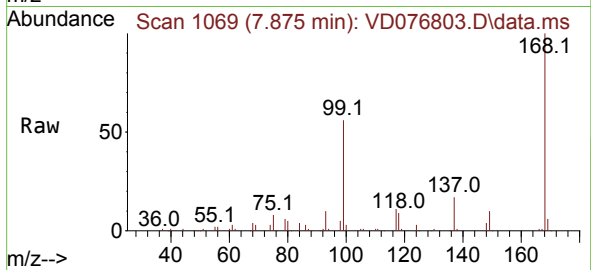
77 0.0 24.7 37.1#



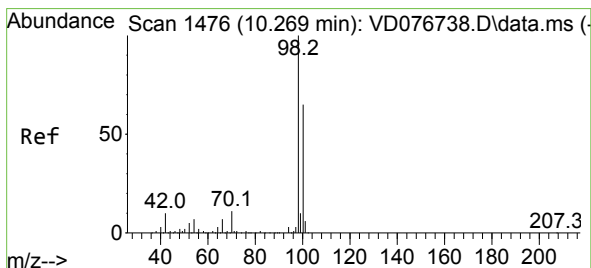
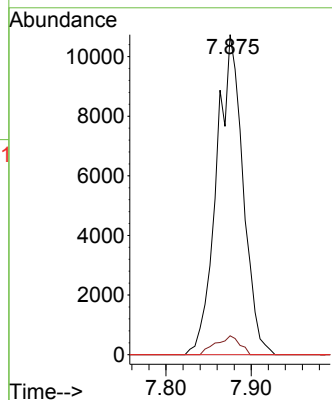
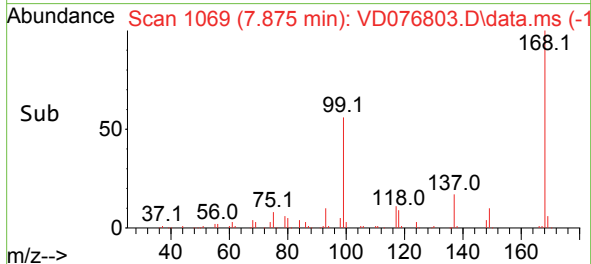


#38
Carbon Tetrachloride
Concen: 6.231 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Instrument :
MSVOA_D
ClientSampleId :

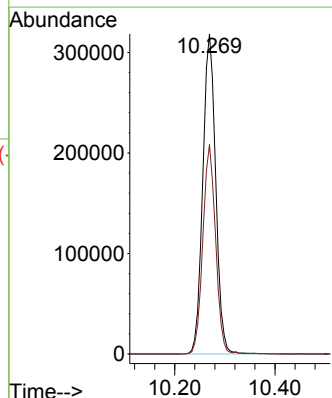
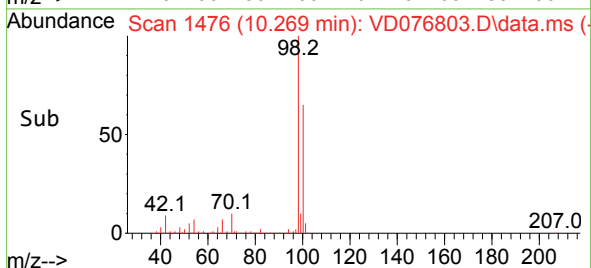
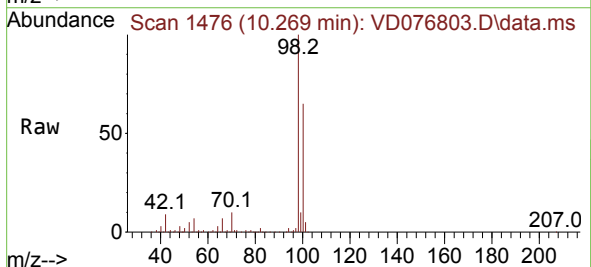


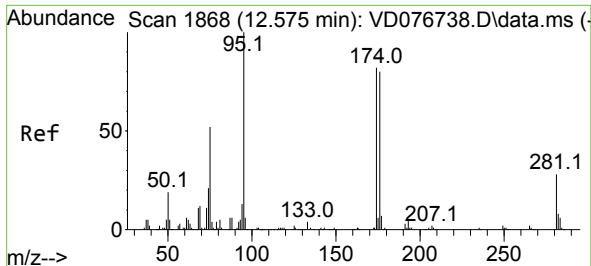
Tgt Ion:117 Resp: 23182
Ion Ratio Lower Upper
117 100
119 5.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.481 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion: 98 Resp: 568872
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

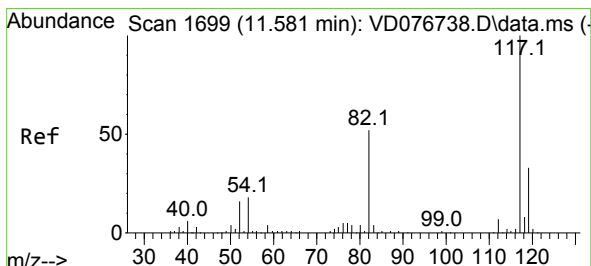
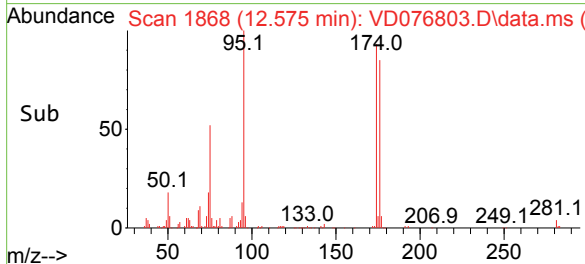
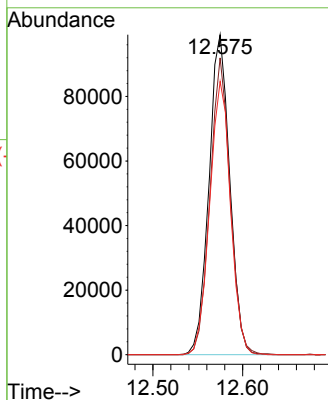
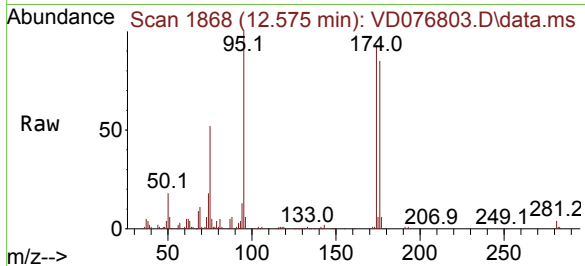




#62
4-Bromofluorobenzene
Concen: 46.447 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

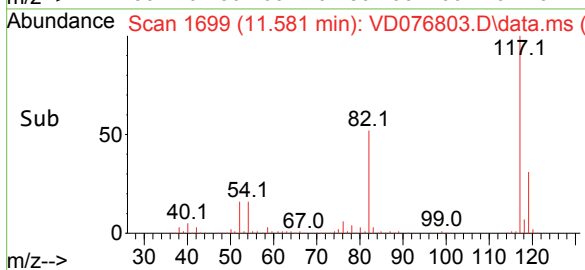
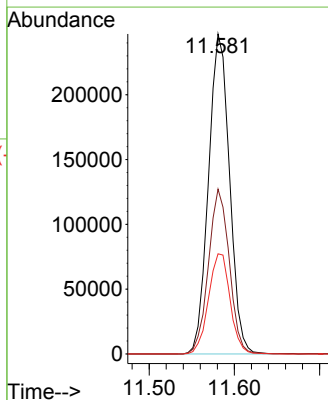
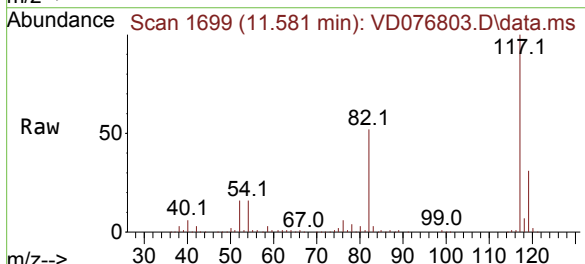
Instrument :
MSVOA_D
ClientSampleId :

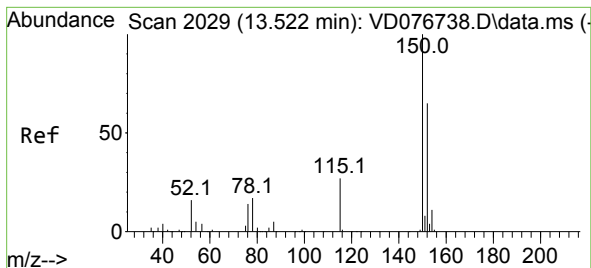
Tgt Ion: 95 Resp: 159825
Ion Ratio Lower Upper
95 100
174 89.9 0.0 201.8
176 85.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076803.D
Acq: 26 Jul 2023 13:57

Tgt Ion: 117 Resp: 423637
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 31.3 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: VD076803.D

Acq: 26 Jul 2023 13:57

Instrument :

MSVOA_D

ClientSampleId :

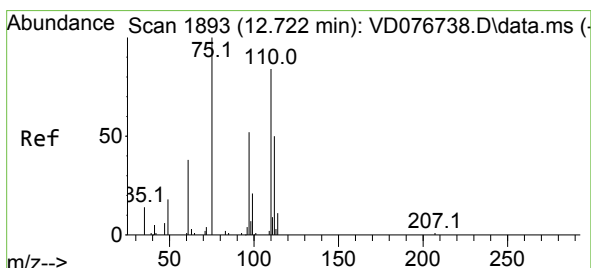
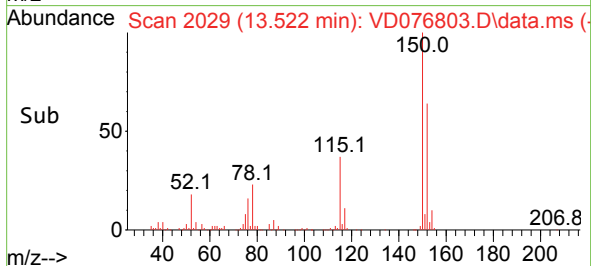
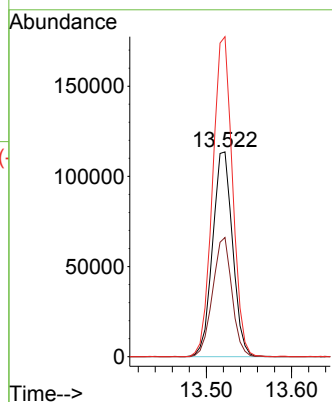
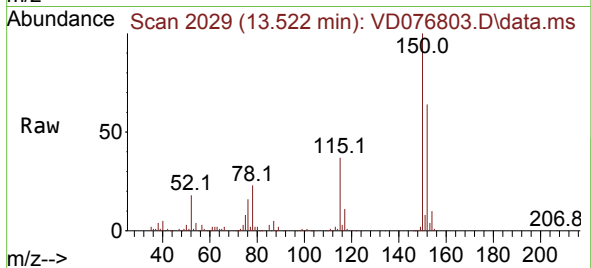
Tgt Ion:152 Resp: 185558

Ion Ratio Lower Upper

152 100

115 56.3 27.1 81.3

150 155.4 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 45.990 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD076803.D

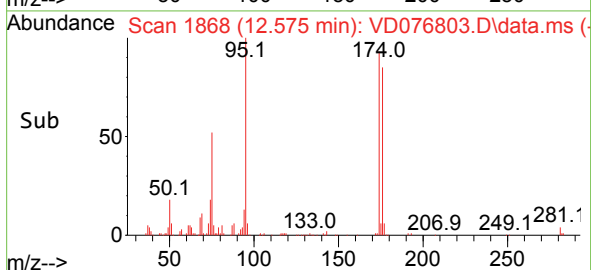
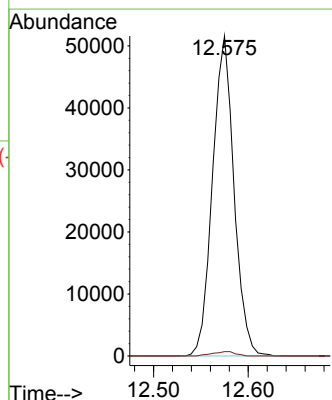
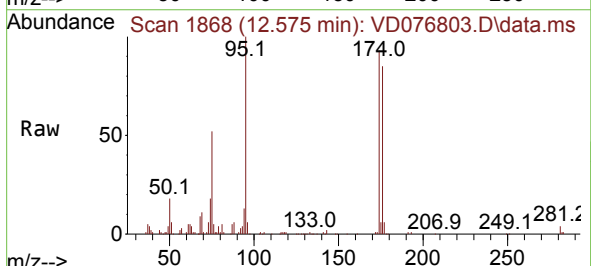
Acq: 26 Jul 2023 13:57

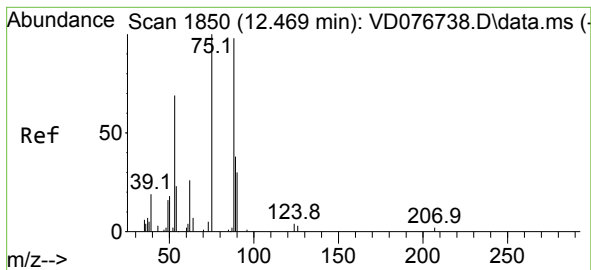
Tgt Ion: 75 Resp: 81156

Ion Ratio Lower Upper

75 100

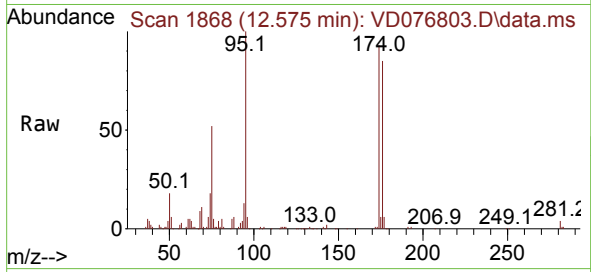
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.879 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076803.D
 Acq: 26 Jul 2023 13:57

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	81156
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

