

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076818.D
 Acq On : 26 Jul 2023 21:03
 Operator : KP/SY
 Sample : 03736-01
 Misc : 4.99G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:27:34 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)

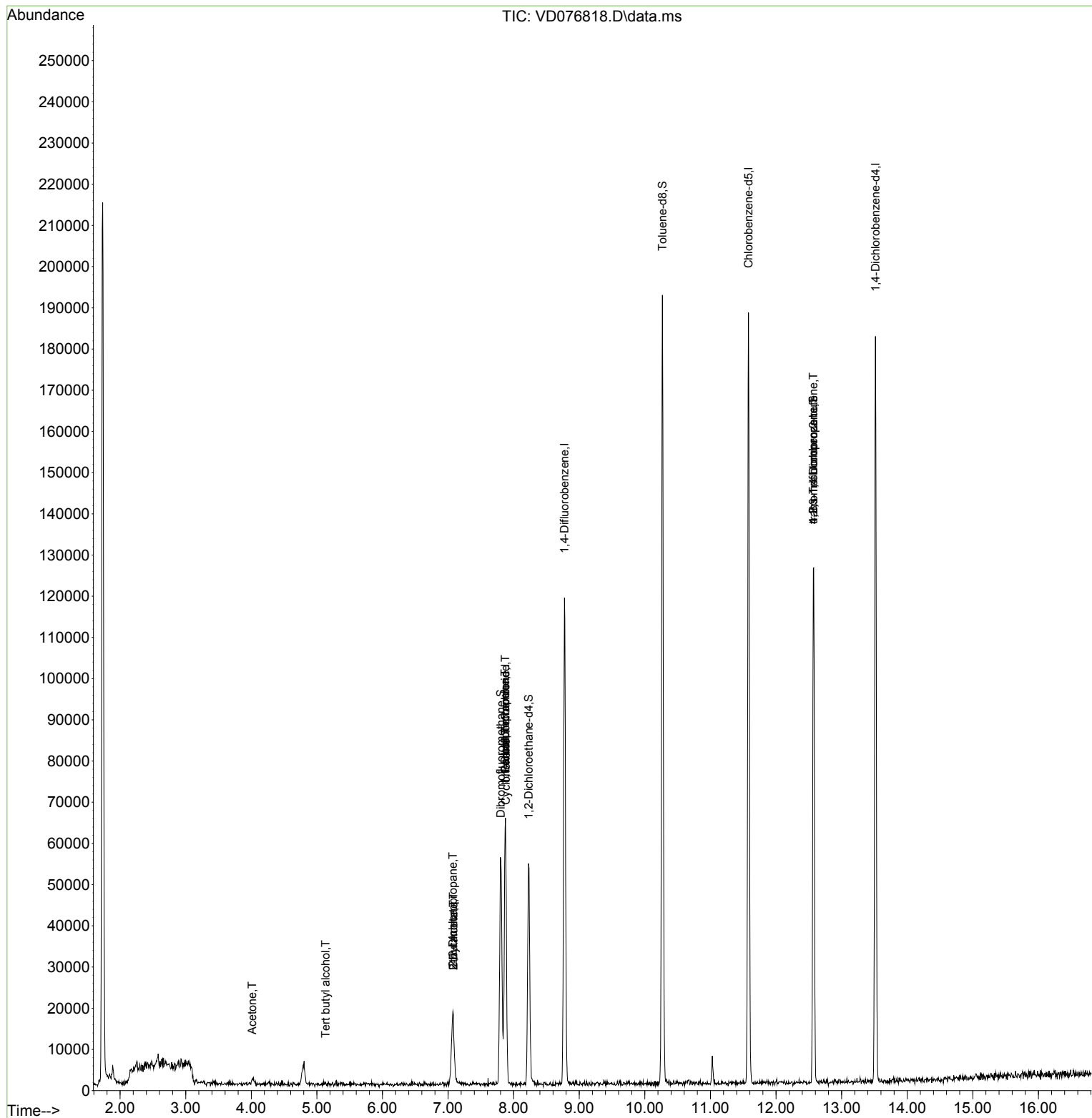
Internal Standards						
1) Pentafluorobenzene	7.875	168	50305	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	108370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	109444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	49318	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	41579	82.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 165.960%#	
35) Dibromofluoromethane	7.804	113	41325	60.682	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.360%	
50) Toluene-d8	10.269	98	133866	54.948	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.900%	
62) 4-Bromofluorobenzene	12.569	95	40025	50.786	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.580%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.134	59	69	1.845	ug/l	# 73
16) Acetone	4.016	43	1414	11.817	ug/l	93
20) Methylene Chloride	4.793	84	4446	Below Cal	#	81
25) 2-Butanone	7.081	43	586	3.659	ug/l	# 37
26) 2,2-Dichloropropane	7.075	77	1541	1.715	ug/l	# 49
31) Cyclohexane	7.881	56	1271	1.724	ug/l	# 19
36) 1,1-Dichloropropene	7.869	75	4275	4.804	ug/l	# 43
37) Ethyl Acetate	7.081	43	586	1.472	ug/l	# 1
38) Carbon Tetrachloride	7.875	117	5073	5.954	ug/l	# 11
76) 1,2,3-Trichloropropane	12.569	75	22205	47.345	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	22205	100.761	ug/l	# 17

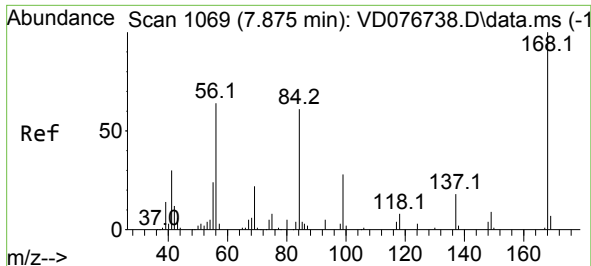
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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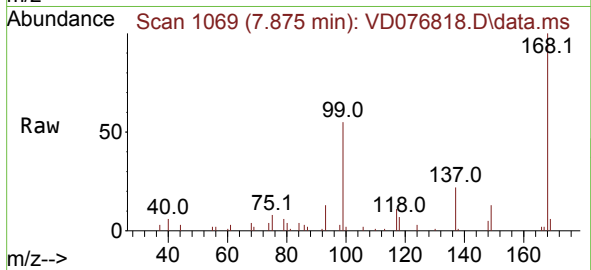
Quant Time: Jul 27 04:27:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
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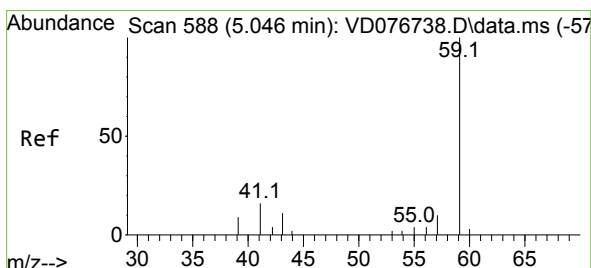
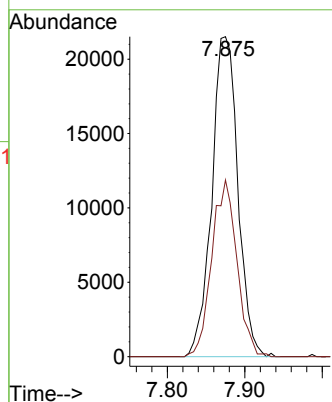
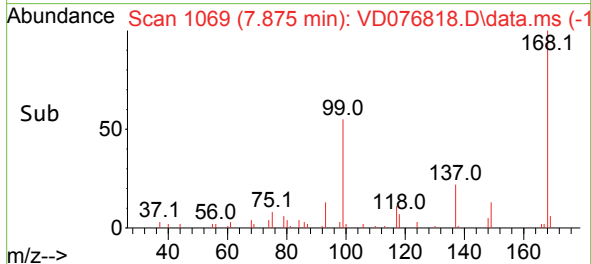


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :

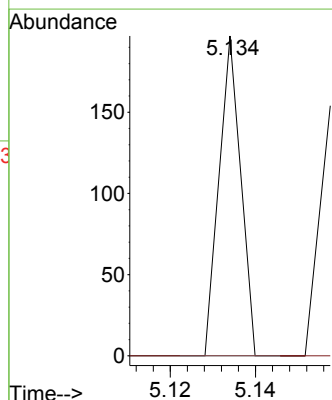
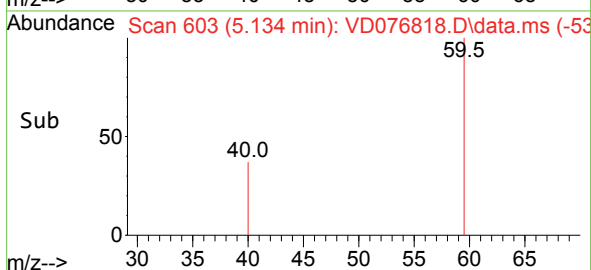
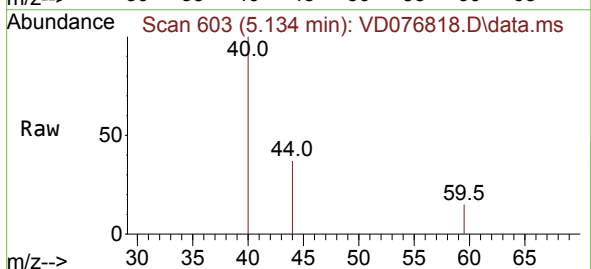


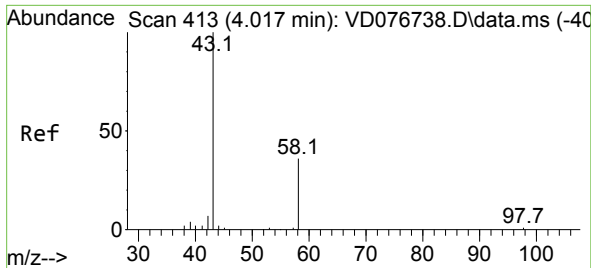
Tgt Ion:168 Resp: 50305
Ion Ratio Lower Upper
168 100
99 55.2 36.7 55.1#



#11
Tert butyl alcohol
Concen: 1.845 ug/l
RT: 5.134 min Scan# 603
Delta R.T. 0.088 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 11.817 ug/l

RT: 4.016 min Scan# 41

Delta R.T. -0.001 min

Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

Instrument :

MSVOA_D

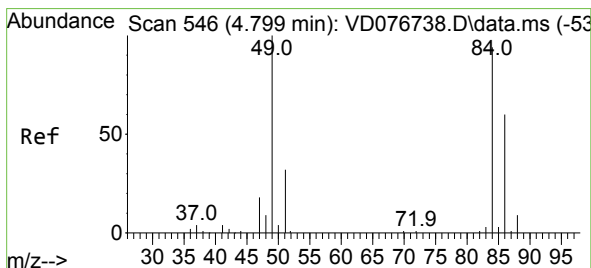
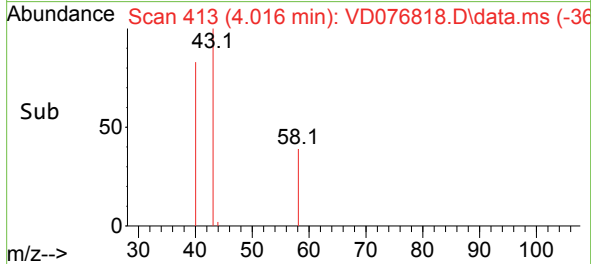
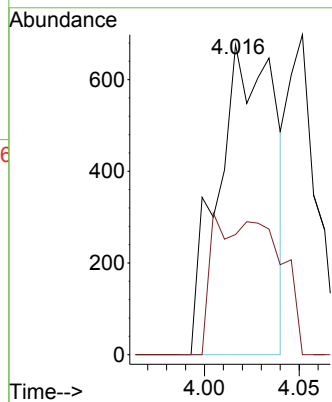
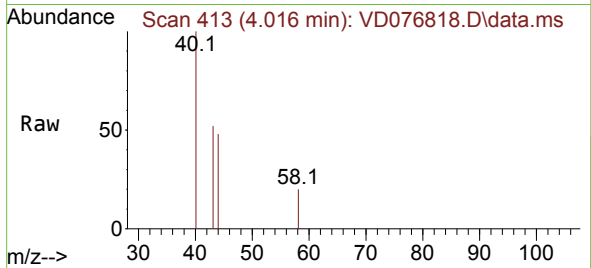
ClientSampleId :

Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

58 38.8 34.7 52.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

Tgt Ion: 84 Resp: 4446

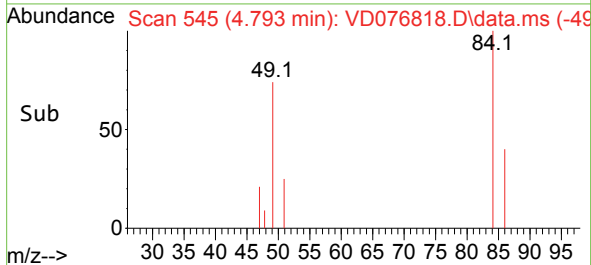
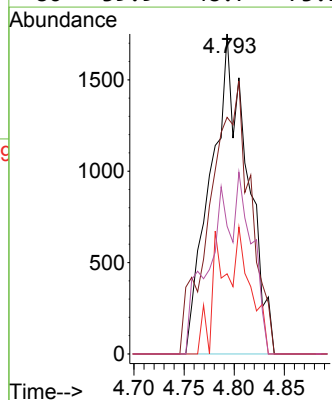
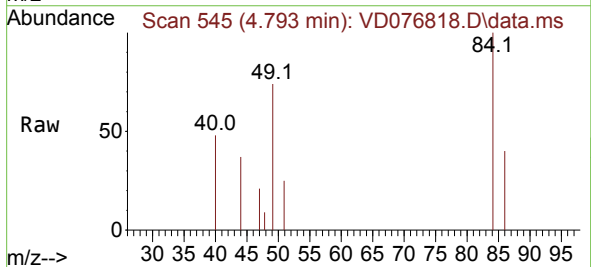
Ion Ratio Lower Upper

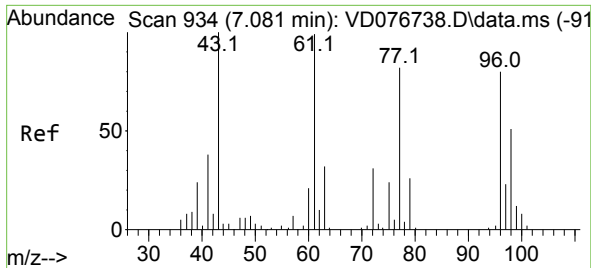
84 100

49 74.0 71.4 107.2

51 25.0 24.5 36.7

86 39.9 48.7 73.1#





#25

2-Butanone

Concen: 3.659 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

Instrument :

MSVOA_D

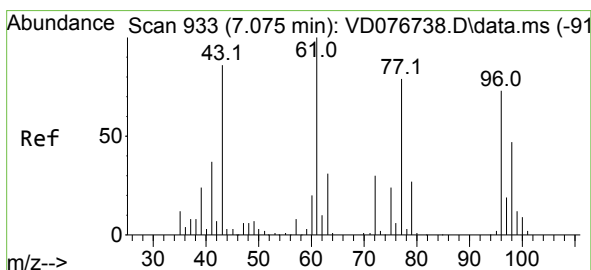
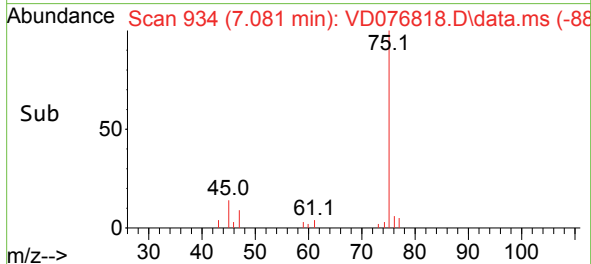
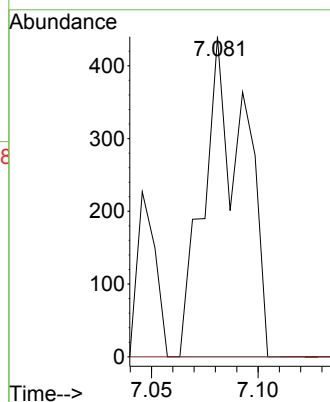
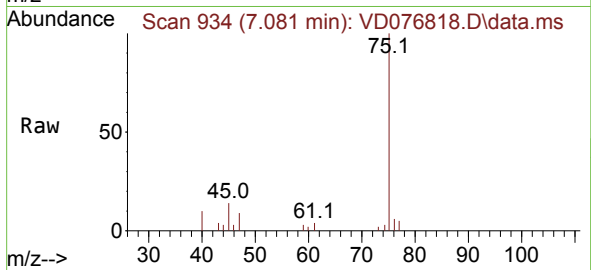
ClientSampleId :

Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

72 0.0 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 1.715 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076818.D

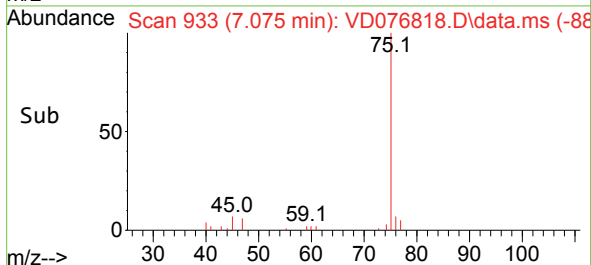
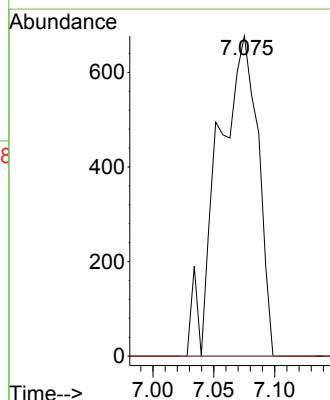
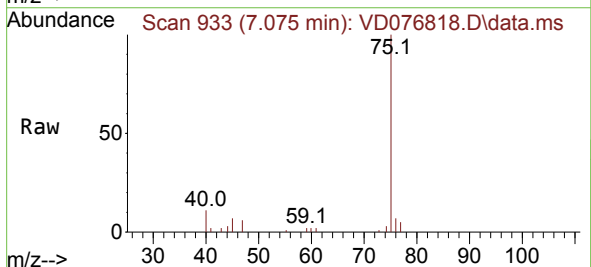
Acq: 26 Jul 2023 21:03

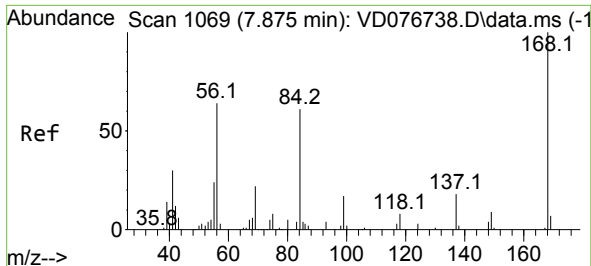
Tgt Ion: 77 Resp: 1541

Ion Ratio Lower Upper

77 100

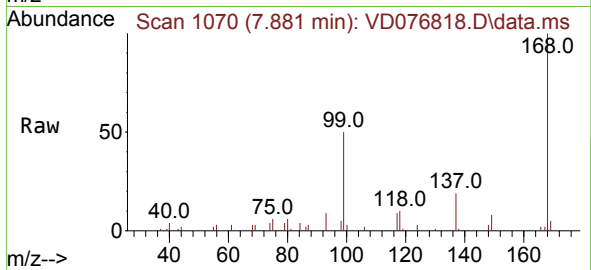
97 0.0 13.2 39.6#



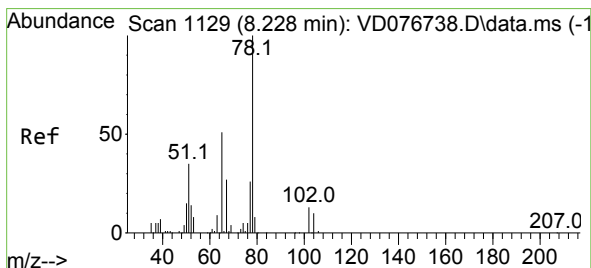
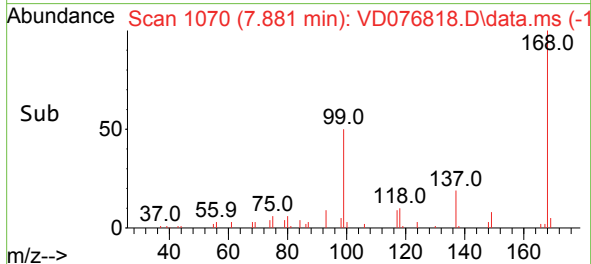
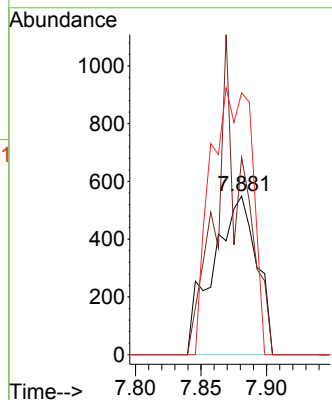


#31
Cyclohexane
Concen: 1.724 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :

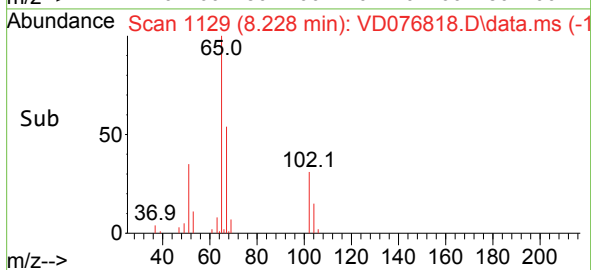
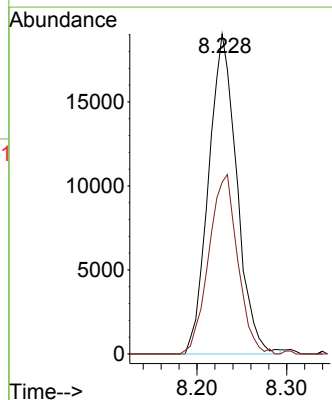
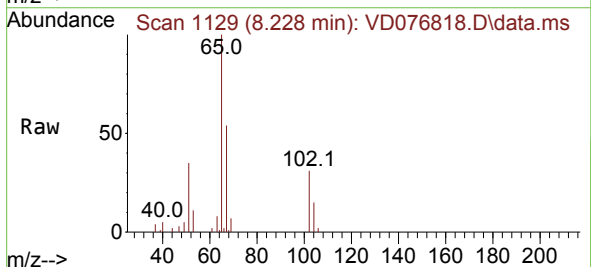


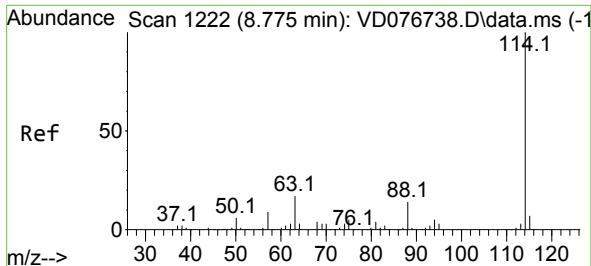
Tgt Ion: 56 Resp: 1271
Ion Ratio Lower Upper
56 100
69 124.4 28.6 43.0#
84 165.2 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 82.983 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion: 65 Resp: 41579
Ion Ratio Lower Upper
65 100
67 57.4 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

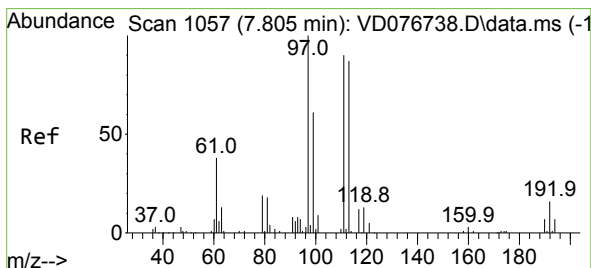
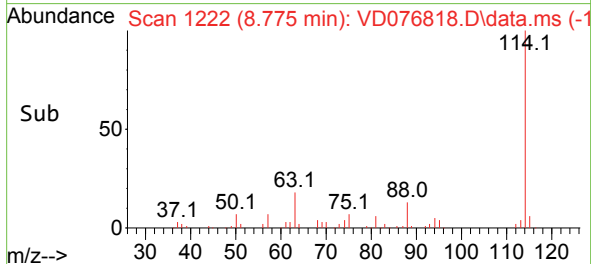
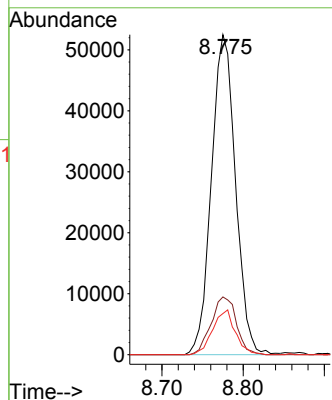
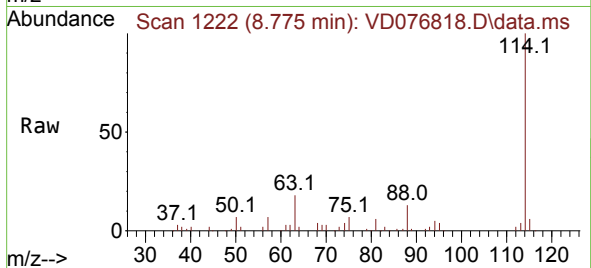
Tgt Ion:114 Resp: 108370

Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

88 12.9 0.0 26.2



#35

Dibromofluoromethane

Concen: 60.682 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

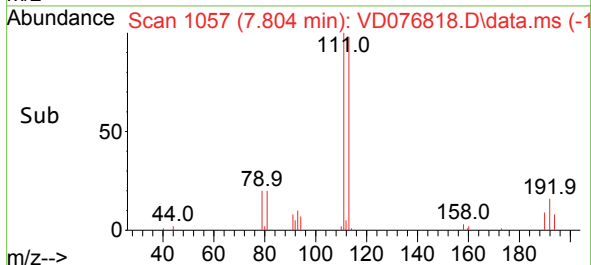
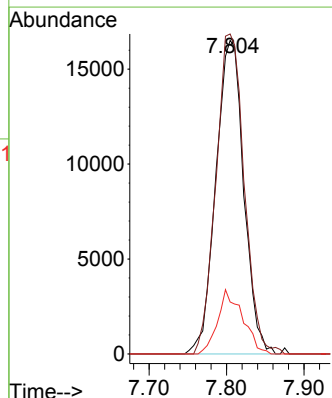
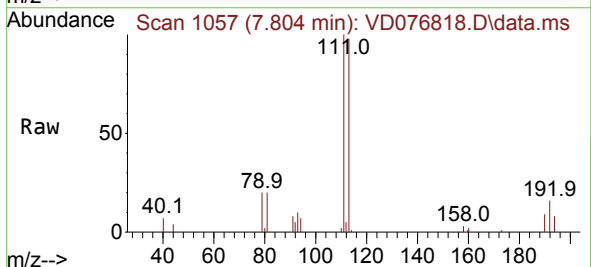
Tgt Ion:113 Resp: 41325

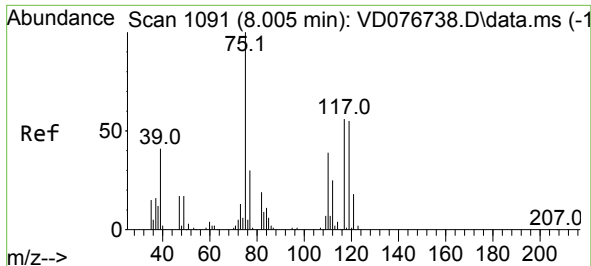
Ion Ratio Lower Upper

113 100

111 103.4 84.7 127.1

192 18.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.804 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

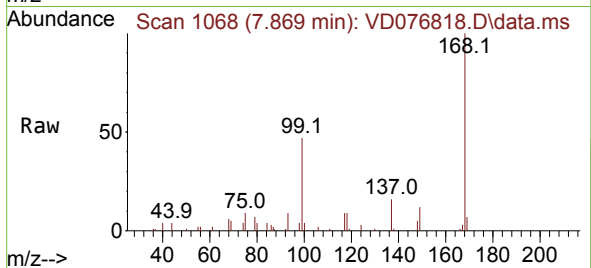
Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :



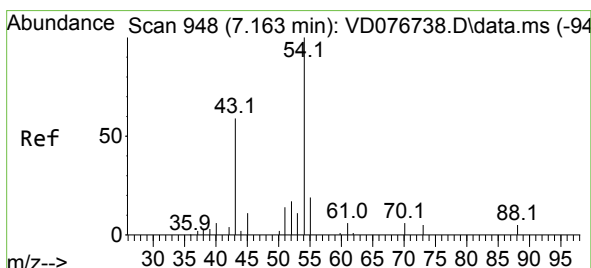
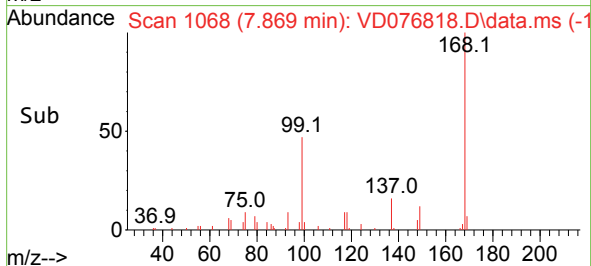
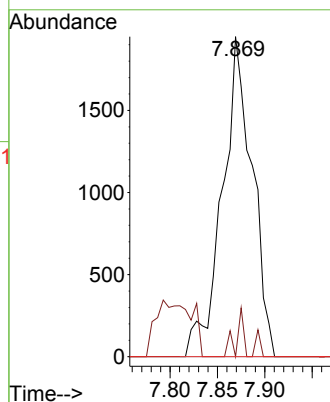
Tgt Ion: 75 Resp: 4275

Ion Ratio Lower Upper

75 100

110 3.8 19.9 59.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.472 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.082 min

Lab File: VD076818.D

Acq: 26 Jul 2023 21:03

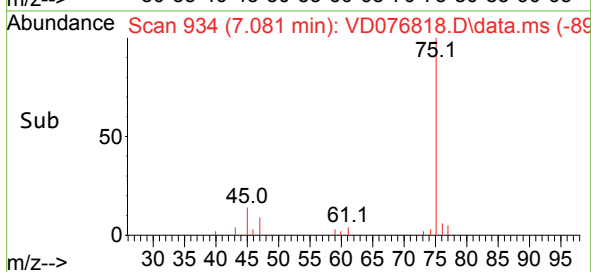
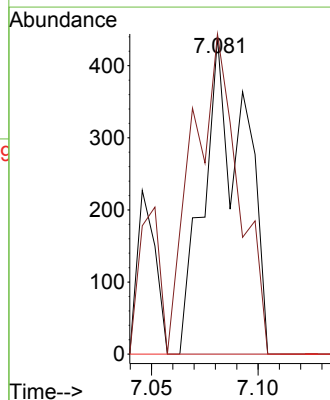
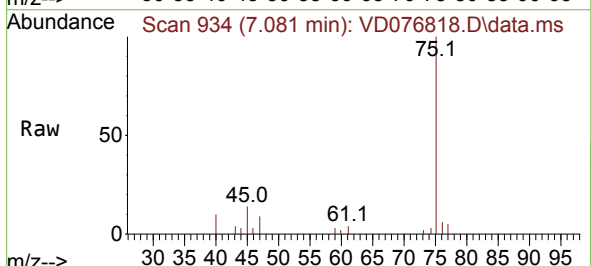
Tgt Ion: 43 Resp: 586

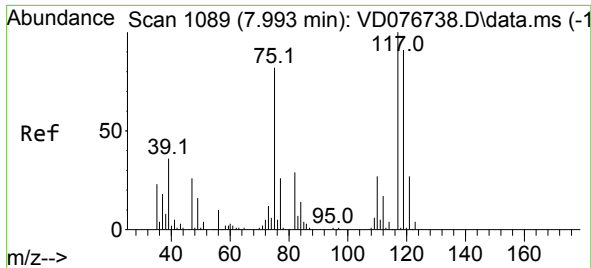
Ion Ratio Lower Upper

43 100

61 113.8 14.9 22.3#

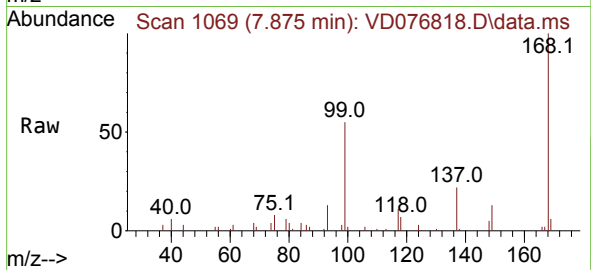
70 0.0 10.0 15.0#



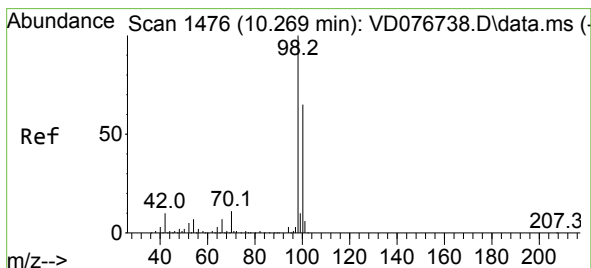
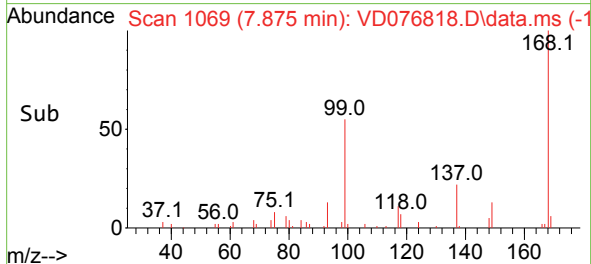
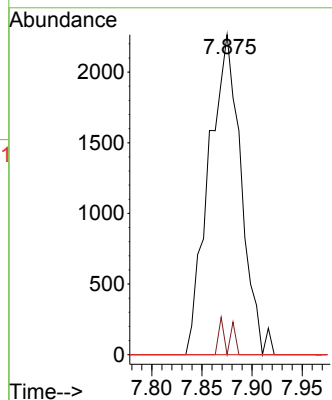


#38
Carbon Tetrachloride
Concen: 5.954 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :

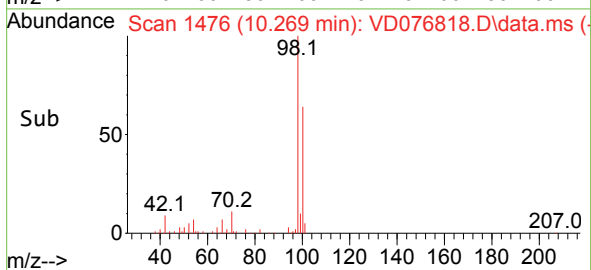
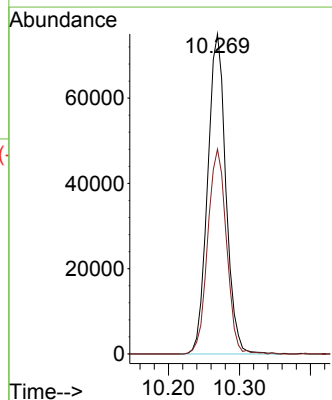
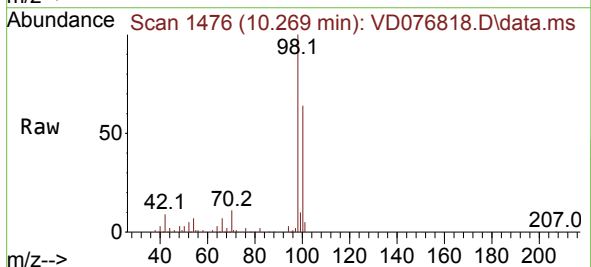


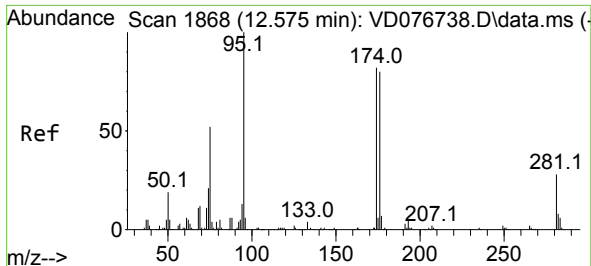
Tgt Ion:117 Resp: 5073
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 54.948 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

Tgt Ion: 98 Resp: 133866
Ion Ratio Lower Upper
98 100
100 65.7 50.3 75.5

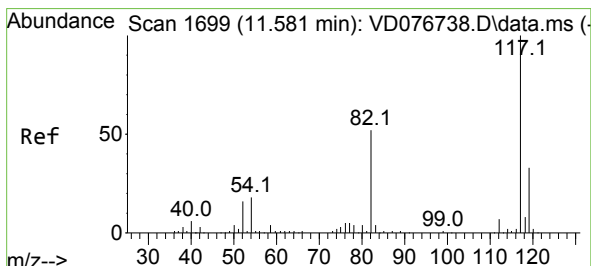
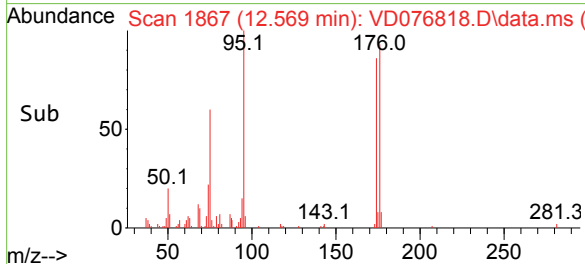
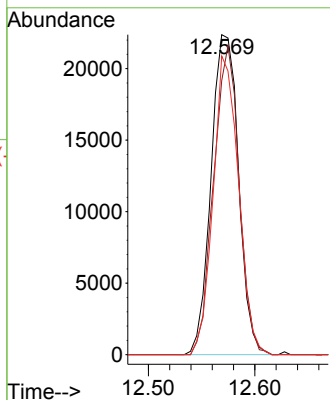
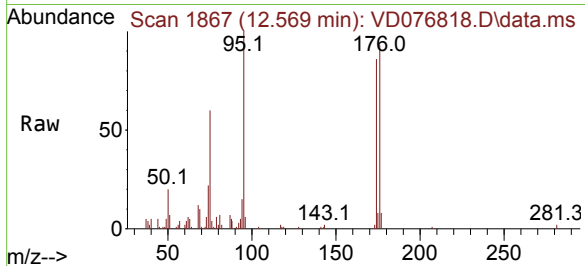




#62
4-Bromofluorobenzene
Concen: 50.786 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

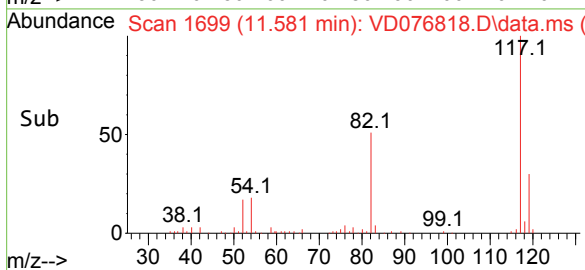
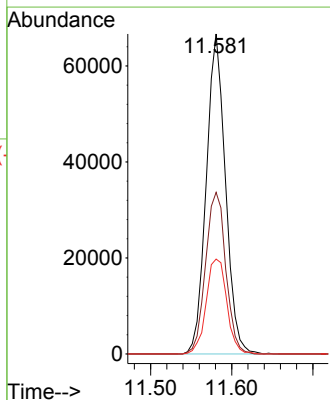
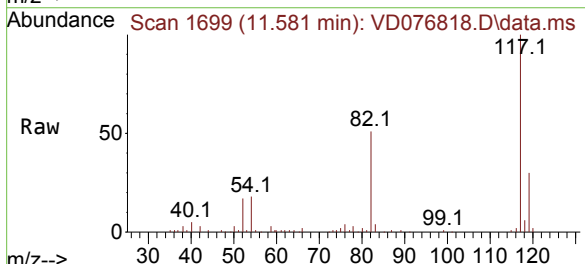
Instrument :
MSVOA_D
ClientSampleId :

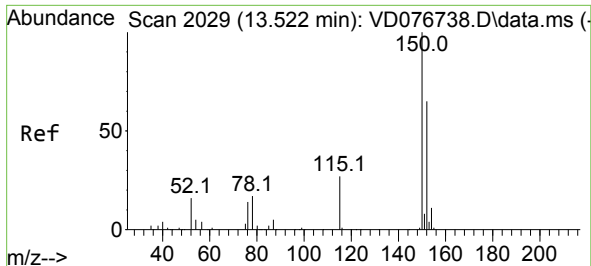
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.9	0.0	201.8
176	86.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076818.D
Acq: 26 Jul 2023 21:03

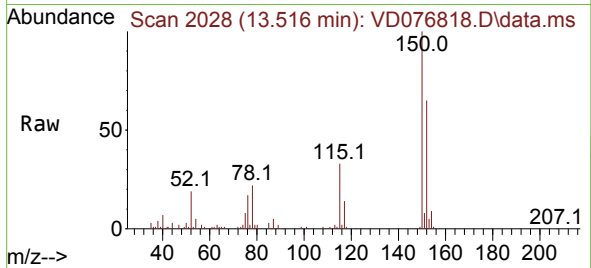
Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.5	38.3	57.5
119	29.6	25.0	37.4



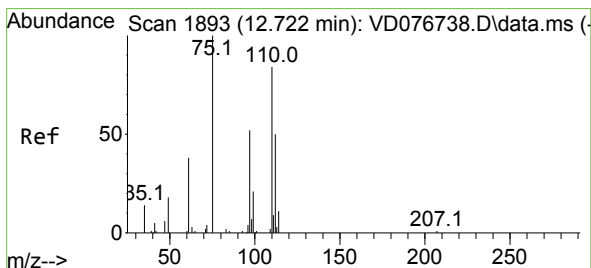
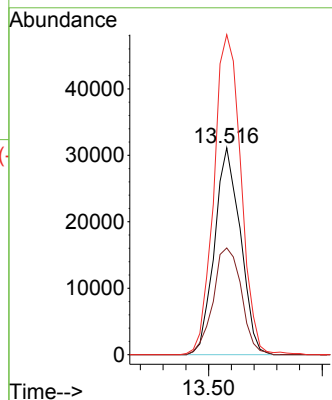
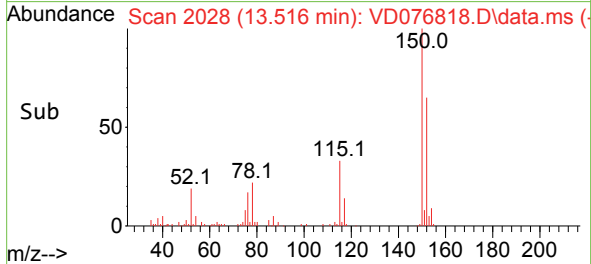


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076818.D
 Acq: 26 Jul 2023 21:03

Instrument :
 MSVOA_D
 ClientSampleId :

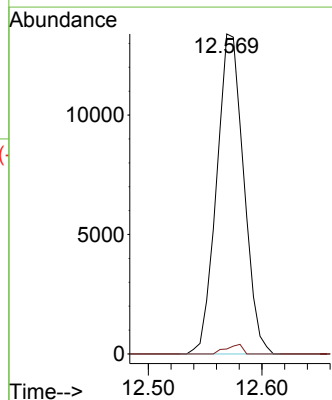
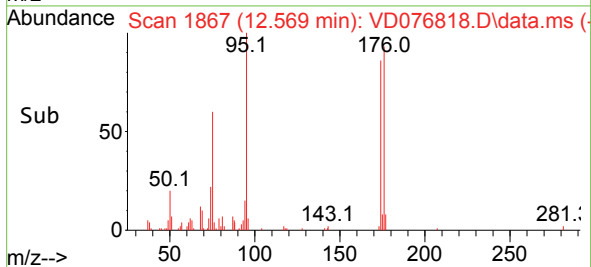
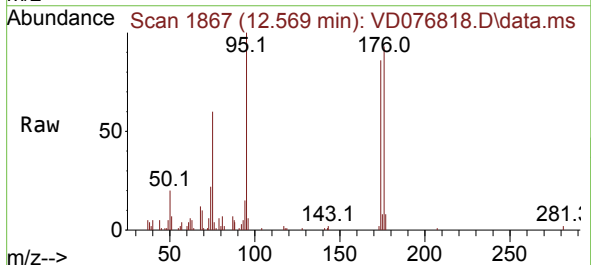


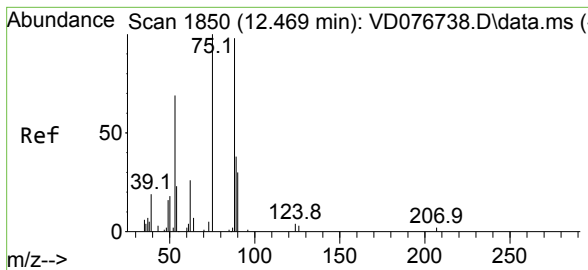
Tgt Ion:152 Resp: 49318
 Ion Ratio Lower Upper
 152 100
 115 56.3 27.1 81.3
 150 162.1 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 47.345 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076818.D
 Acq: 26 Jul 2023 21:03

Tgt Ion: 75 Resp: 22205
 Ion Ratio Lower Upper
 75 100
 77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.761 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076818.D
 Acq: 26 Jul 2023 21:03

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 75	Resp:	22205
Ion Ratio	Lower	Upper
75	100	
53	0.0	63.0 94.4#
89	0.0	37.9 56.9#

