

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078772.D
 Acq On : 28 Mar 2024 14:12
 Operator : RP/MD
 Sample : P1880-01
 Misc : 5.05G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 YANUZZI-GROUP

Quant Time: Mar 29 01:34:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

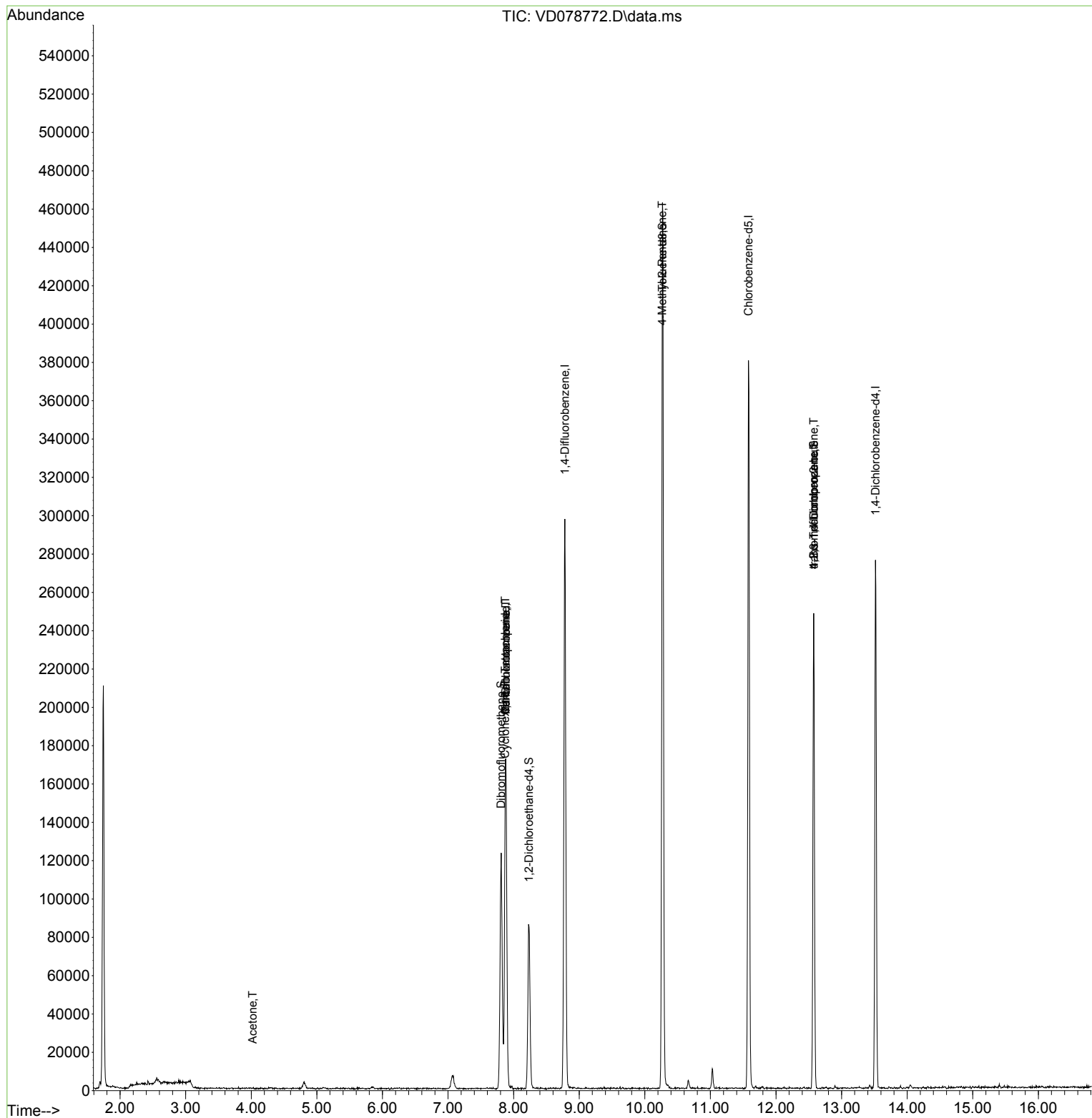
Internal Standards						
1) Pentafluorobenzene	7.881	168	140297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	276038	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	237335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	65773	50.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.040%	
35) Dibromofluoromethane	7.811	113	87339	49.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.280%	
50) Toluene-d8	10.269	98	327927	50.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.340%	
62) 4-Bromofluorobenzene	12.575	95	74122	38.762	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	260	1.023	ug/l #	39
20) Methylene Chloride	4.799	84	2918	Below Cal	#	86
31) Cyclohexane	7.869	56	2635	1.192	ug/l #	14
36) 1,1-Dichloropropene	7.881	75	10526	4.082	ug/l #	48
38) Carbon Tetrachloride	7.875	117	13922	5.121	ug/l #	14
51) 4-Methyl-2-Pentanone	10.263	43	1123	1.402	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	37571	63.513	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	37571	133.133	ug/l #	19

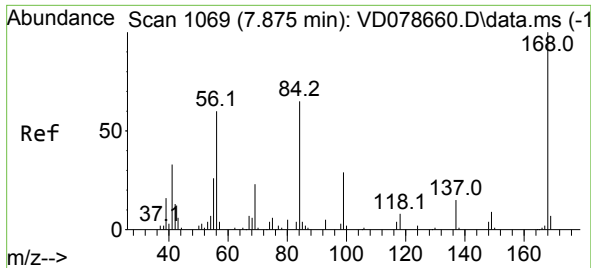
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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YANUZZI-GROUP

Quant Time: Mar 29 01:34:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

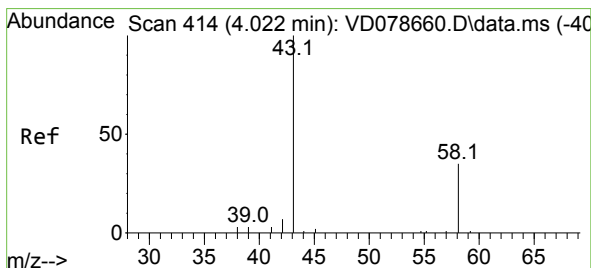
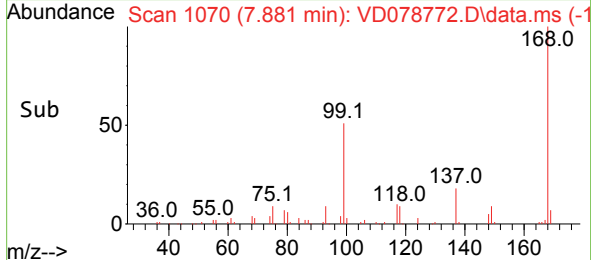
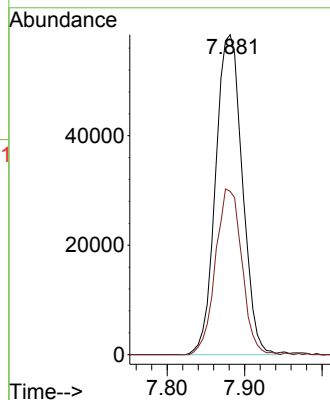
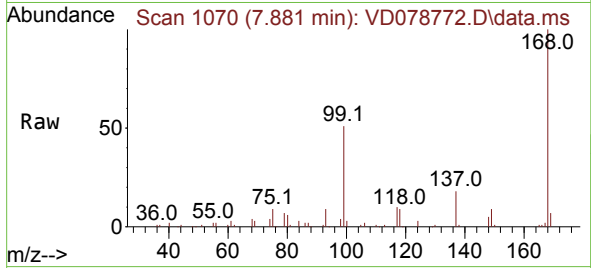




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

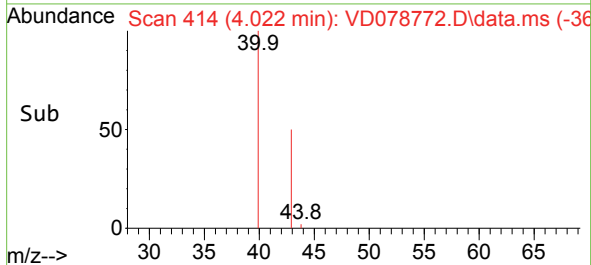
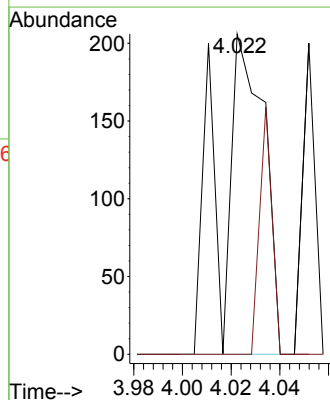
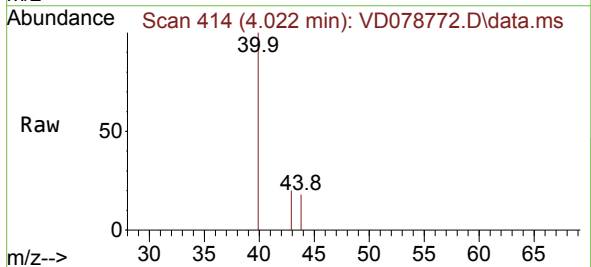
Instrument :
MSVOA_D
ClientSampleId :
YANUZZI-GROUP

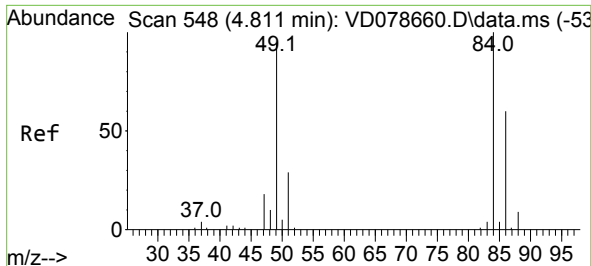
Tgt Ion:168 Resp: 140297
Ion Ratio Lower Upper
168 100
99 51.1 38.8 58.2



#16
Acetone
Concen: 1.023 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Tgt Ion: 43 Resp: 260
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



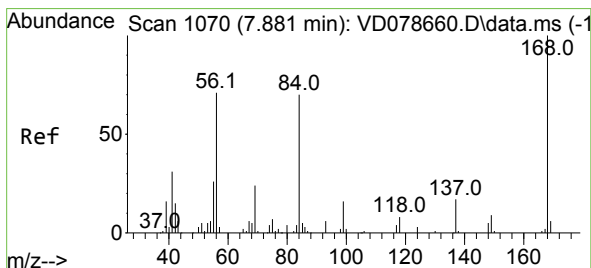
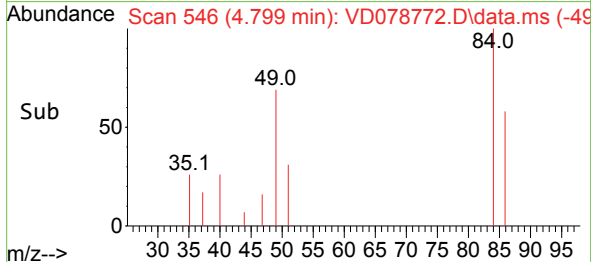
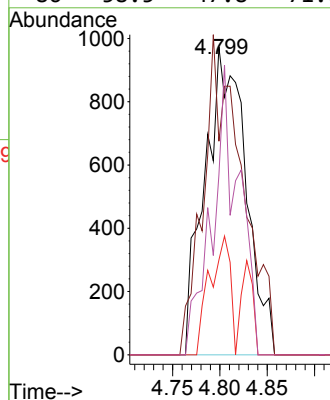
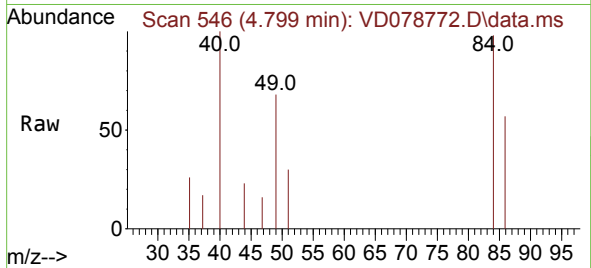


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.012 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Instrument :
MSVOA_D
ClientSampleId :
YANUZZI-GROUP

Tgt Ion: 84 Resp: 2918

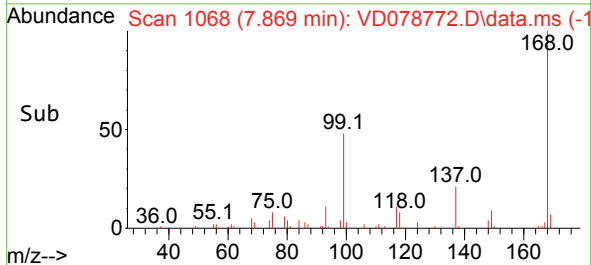
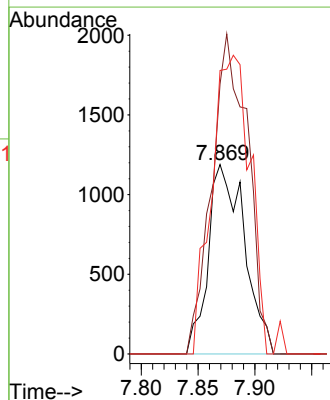
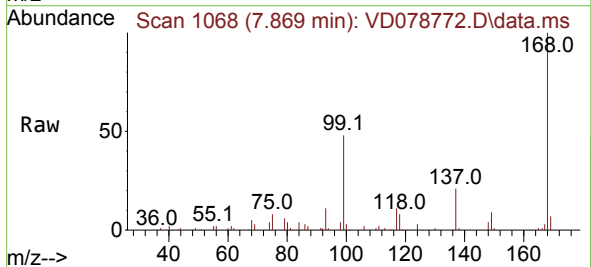
Ion	Ratio	Lower	Upper
84	100		
49	69.4	75.6	113.4#
51	30.8	23.4	35.0
86	58.5	47.8	71.6

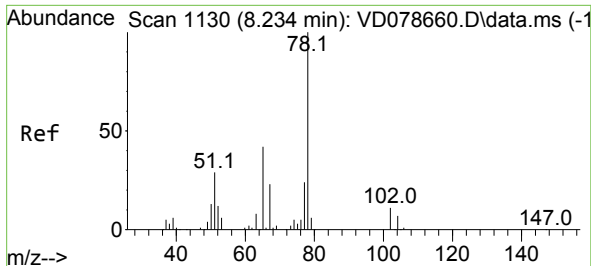


#31
Cyclohexane
Concen: 1.192 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Tgt Ion: 56 Resp: 2635

Ion	Ratio	Lower	Upper
56	100		
69	142.5	26.6	40.0#
84	149.6	79.4	119.2#





#33

1,2-Dichloroethane-d4

Concen: 50.025 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078772.D

Acq: 28 Mar 2024 14:12

Instrument :

MSVOA_D

ClientSampleId :

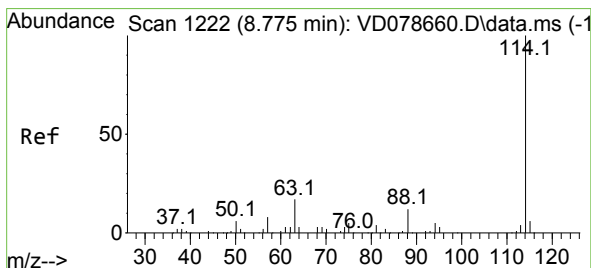
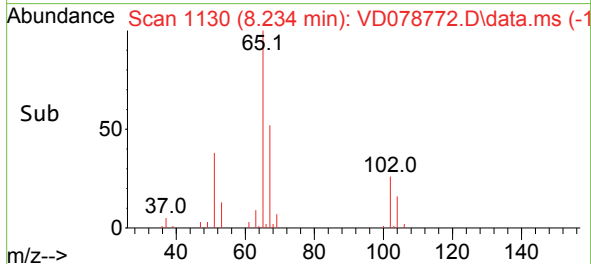
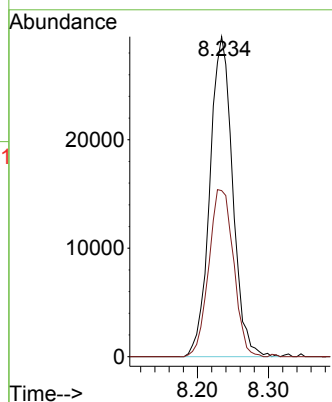
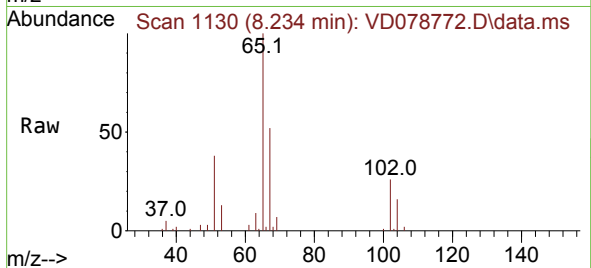
YANUZZI-GROUP

Tgt Ion: 65 Resp: 65773

Ion Ratio Lower Upper

65 100

67 56.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD078772.D

Acq: 28 Mar 2024 14:12

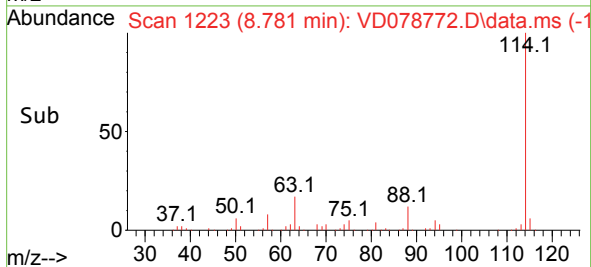
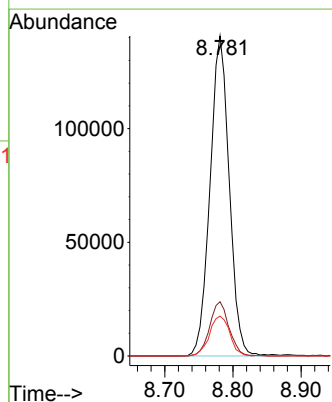
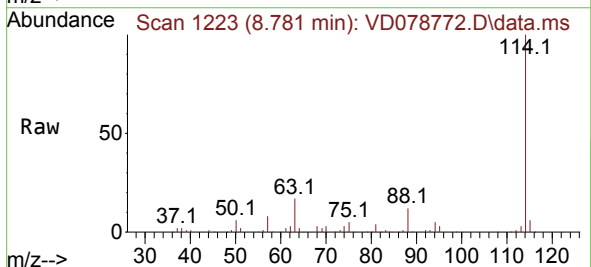
Tgt Ion: 114 Resp: 276038

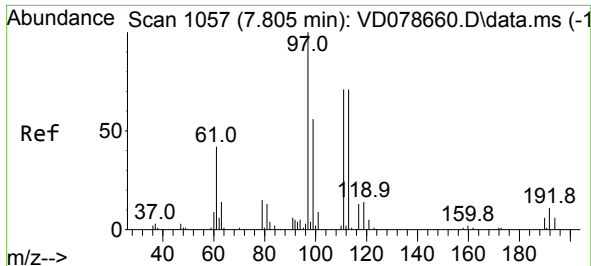
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 12.4 0.0 24.6

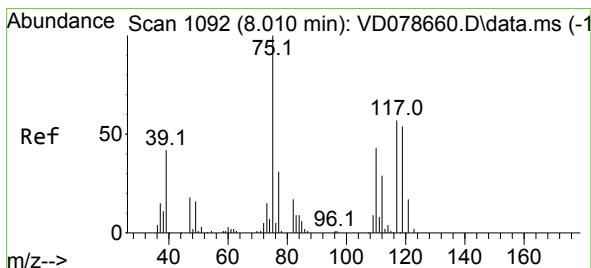
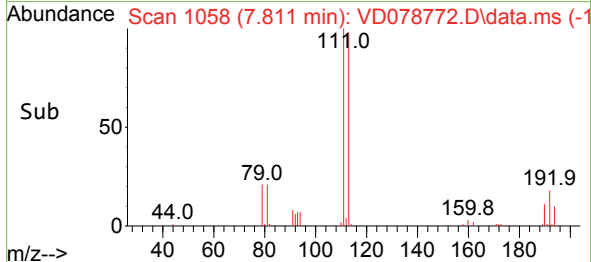
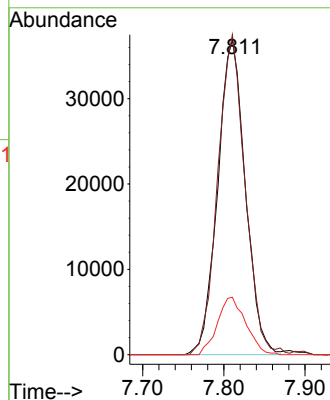
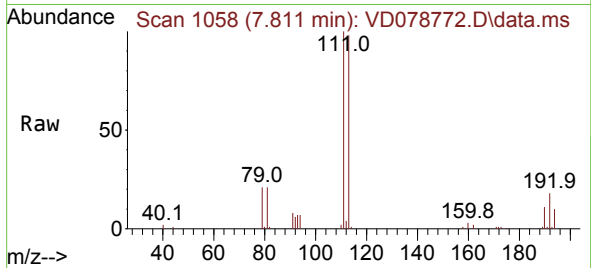




#35
Dibromofluoromethane
Concen: 49.142 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

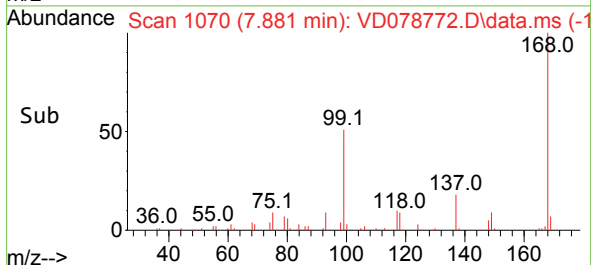
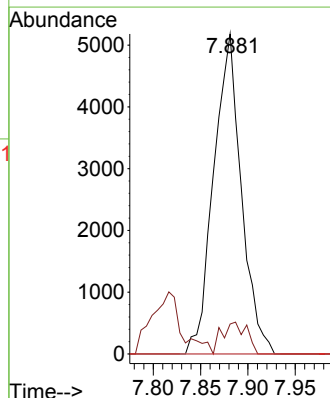
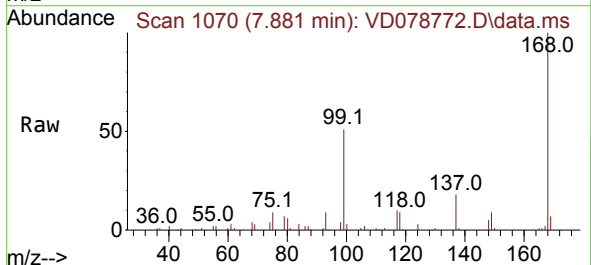
Instrument :
MSVOA_D
ClientSampleId :
YANUZZI-GROUP

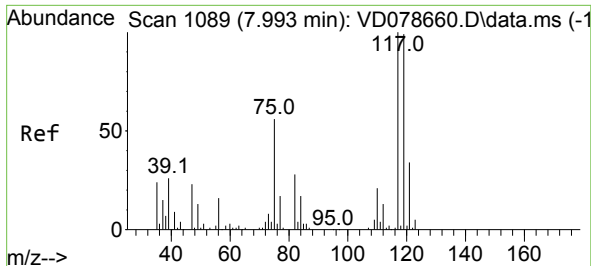
Tgt Ion:113 Resp: 87339
Ion Ratio Lower Upper
113 100
111 100.4 81.9 122.9
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.082 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

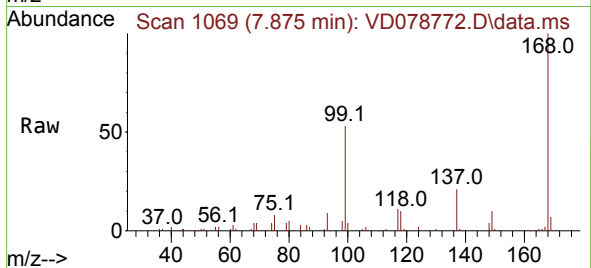
Tgt Ion: 75 Resp: 10526
Ion Ratio Lower Upper
75 100
110 8.9 19.1 57.1#
77 0.0 25.4 38.2#



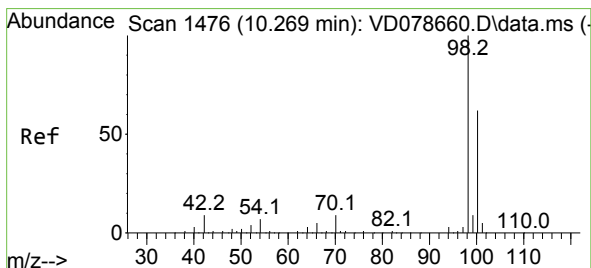
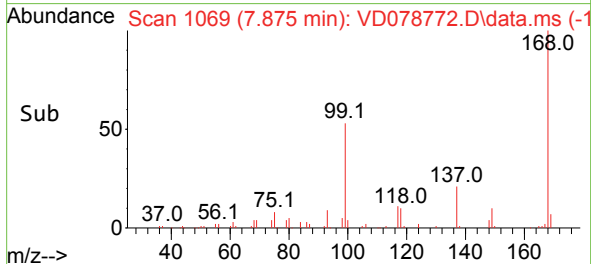
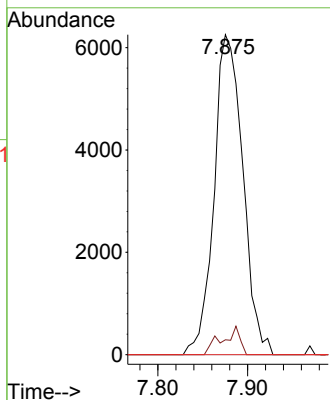


#38
Carbon Tetrachloride
Concen: 5.121 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Instrument :
MSVOA_D
ClientSampleId :
YANUZZI-GROUP

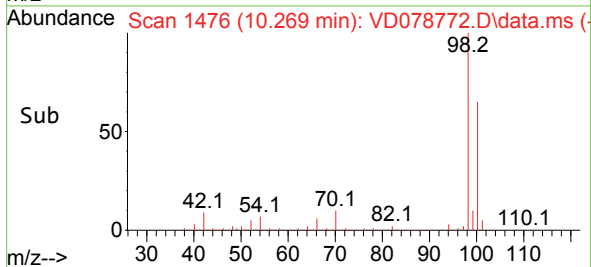
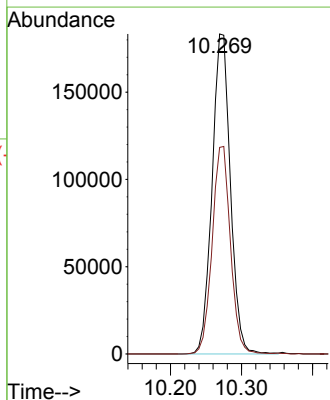
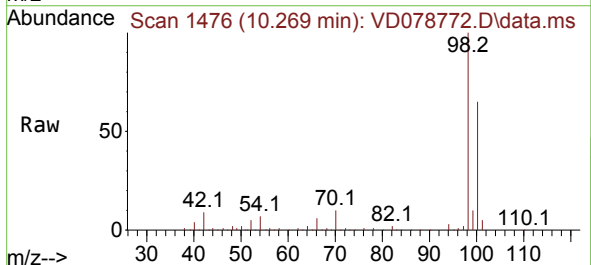


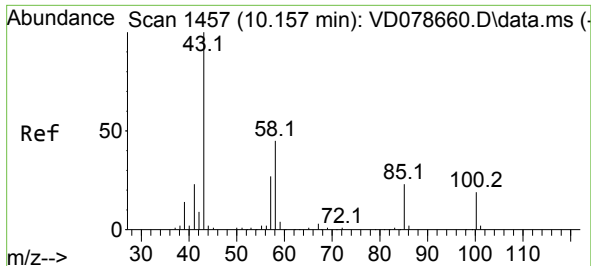
Tgt Ion:117 Resp: 13922
Ion Ratio Lower Upper
117 100
119 4.7 79.2 118.8#
121 0.0 26.8 40.2#



#50
Toluene-d8
Concen: 50.170 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Tgt Ion: 98 Resp: 327927
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7





#51

4-Methyl-2-Pentanone

Concen: 1.402 ug/l

RT: 10.263 min Scan# 1457

Delta R.T. 0.106 min

Lab File: VD078772.D

Acq: 28 Mar 2024 14:12

Instrument :

MSVOA_D

ClientSampleId :

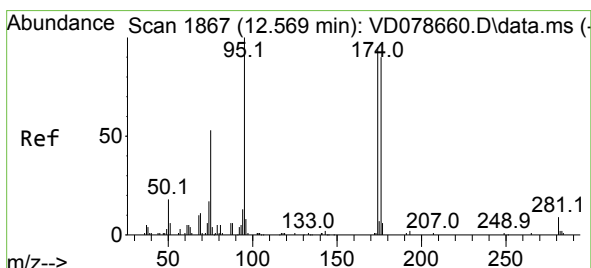
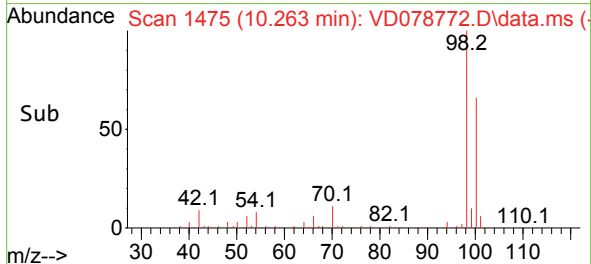
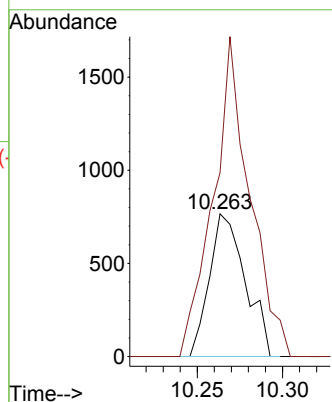
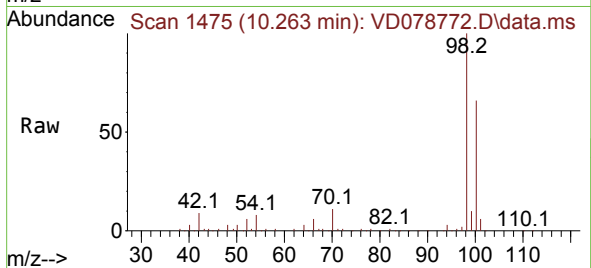
YANUZZI-GROUP

Tgt Ion: 43 Resp: 1123

Ion Ratio Lower Upper

43 100

58 228.1 36.4 54.6#



#62

4-Bromofluorobenzene

Concen: 38.762 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078772.D

Acq: 28 Mar 2024 14:12

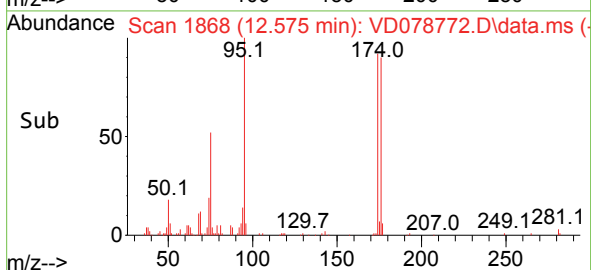
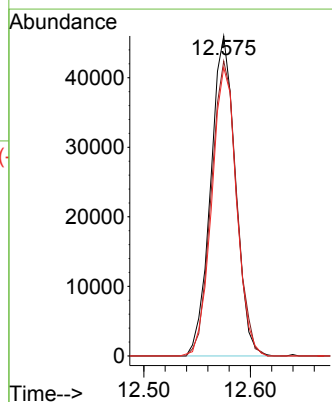
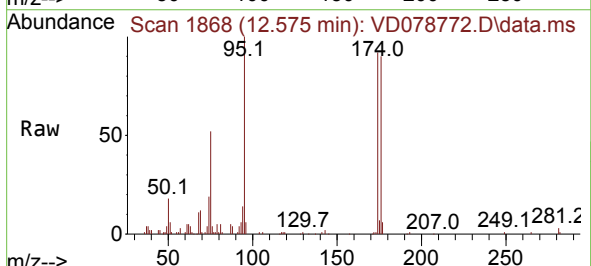
Tgt Ion: 95 Resp: 74122

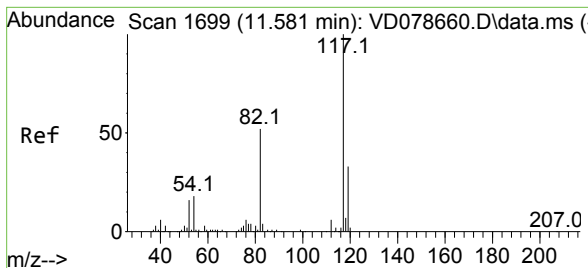
Ion Ratio Lower Upper

95 100

174 94.3 0.0 195.2

176 90.4 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078772.D

Acq: 28 Mar 2024 14:12

Instrument :

MSVOA_D

ClientSampleId :

YANUZZI-GROUP

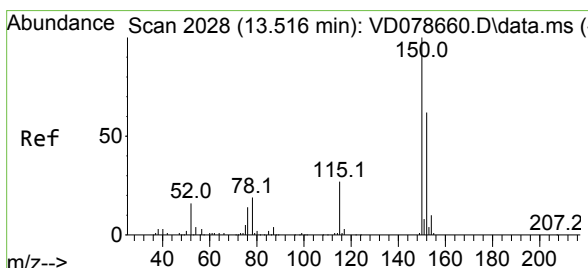
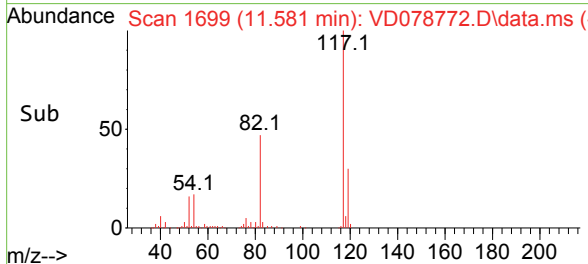
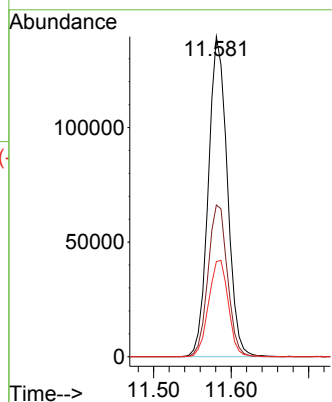
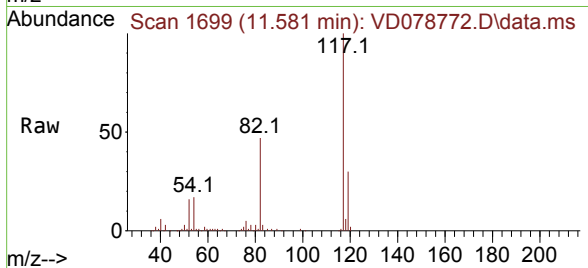
Tgt Ion:117 Resp: 237335

Ion Ratio Lower Upper

117 100

82 47.4 41.4 62.2

119 29.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD078772.D

Acq: 28 Mar 2024 14:12

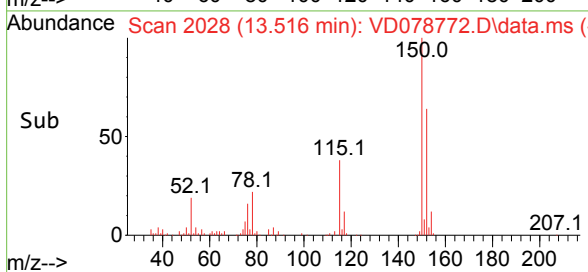
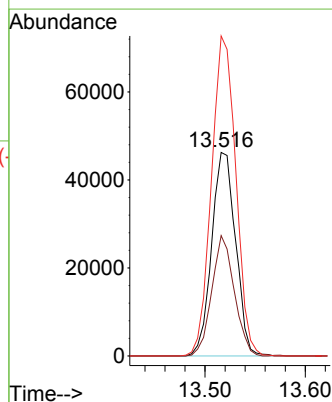
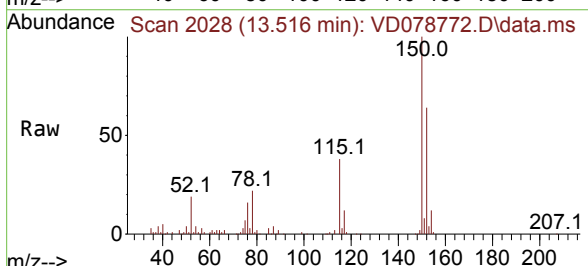
Tgt Ion:152 Resp: 76781

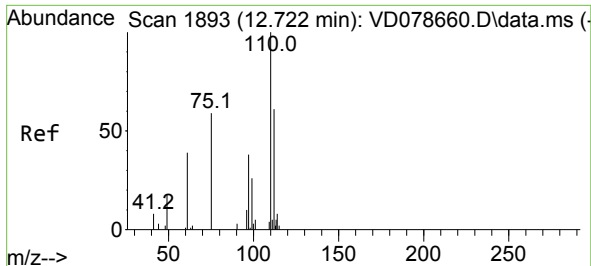
Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.2

150 159.9 0.0 350.2

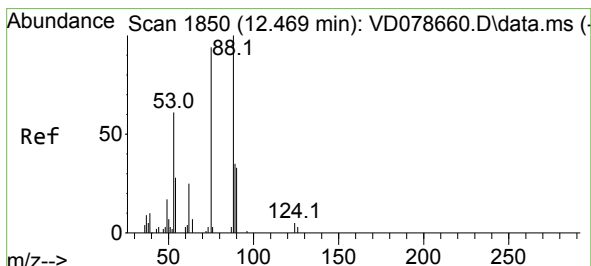
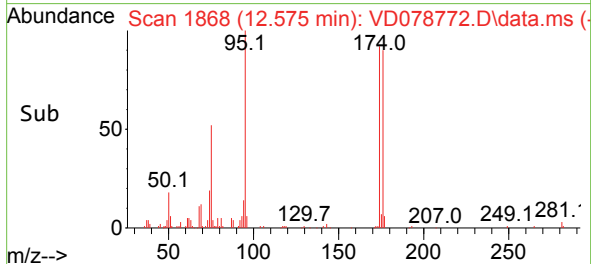
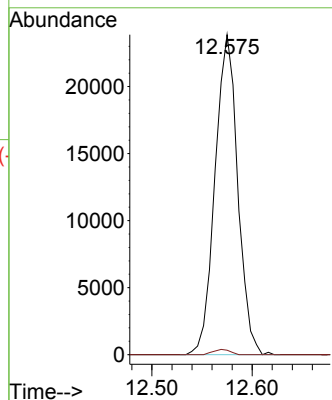
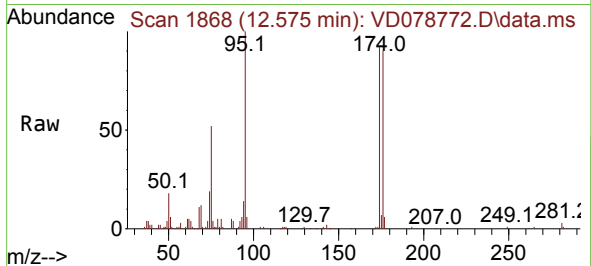




#76
1,2,3-Trichloropropane
Concen: 63.513 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Instrument :
MSVOA_D
ClientSampleId :
YANUZZI-GROUP

Tgt Ion: 75 Resp: 37571
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.133 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078772.D
Acq: 28 Mar 2024 14:12

Tgt Ion: 75 Resp: 37571
Ion Ratio Lower Upper
75 100
53 0.2 61.0 91.6#
89 0.0 35.4 53.0#

