

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017078.D
 Acq On : 22 Jan 2024 16:52
 Operator : SY/MD
 Sample : P1219-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 23 01:47:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

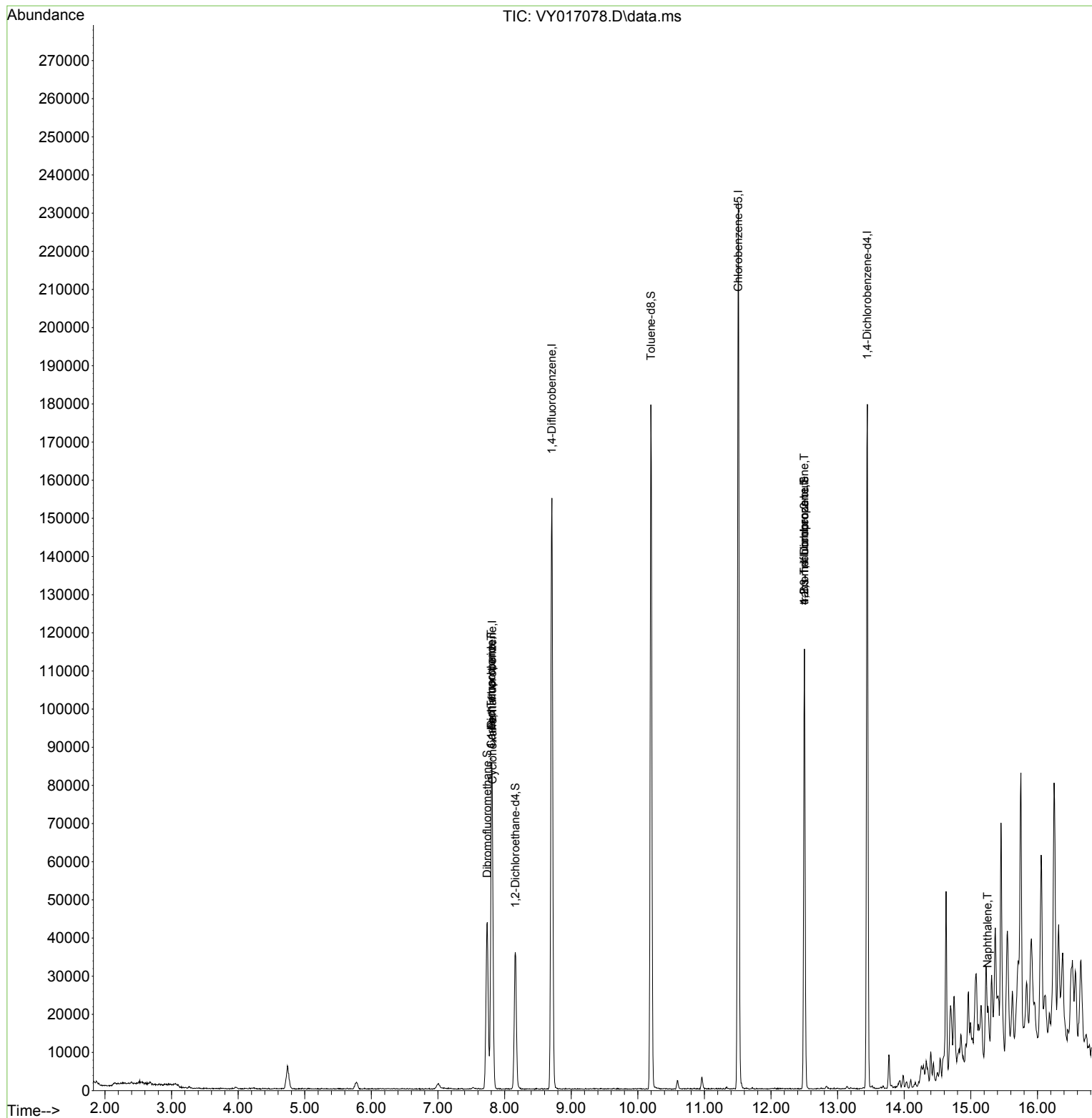
Internal Standards						
1) Pentafluorobenzene	7.813	168	66214	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	133506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	122313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	44704	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	28589	43.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.380%
35) Dibromofluoromethane	7.740	113	31823	37.406	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.820%
50) Toluene-d8	10.197	98	115455	39.410	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.820%
62) 4-Bromofluorobenzene	12.501	95	34017	34.416	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.840%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	51	Below Cal	#	75
16) Acetone	3.966	43	638	Below Cal	#	81
20) Methylene Chloride	4.741	84	4078	Below Cal		94
31) Cyclohexane	7.819	56	1659	1.477	ug/l #	44
36) 1,1-Dichloropropene	7.801	75	5564	4.488	ug/l #	51
38) Carbon Tetrachloride	7.801	117	6975	5.537	ug/l #	18
76) 1,2,3-Trichloropropane	12.501	75	17904	36.906	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	17904	83.805	ug/l #	12
95) Naphthalene	15.251	128	2025	2.343	ug/l #	85

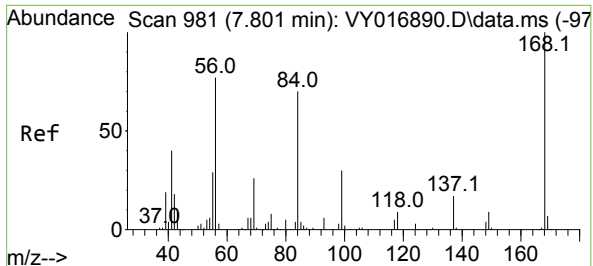
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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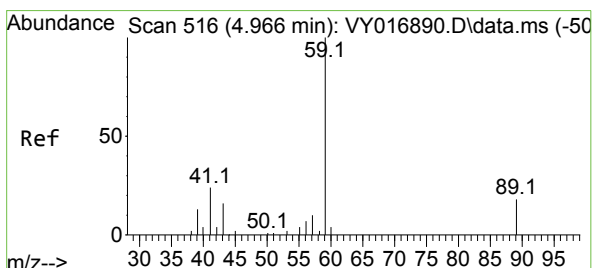
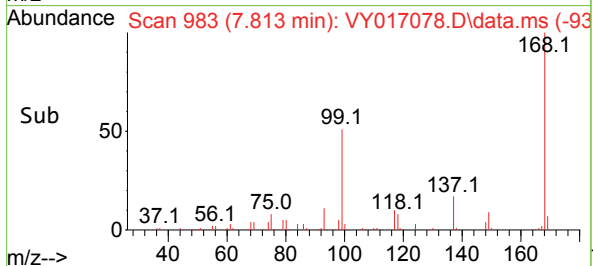
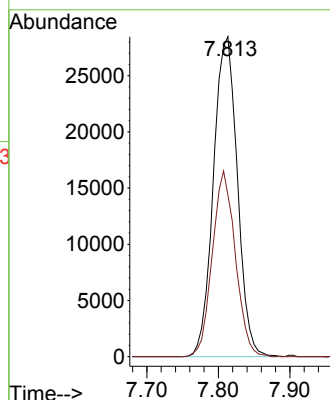
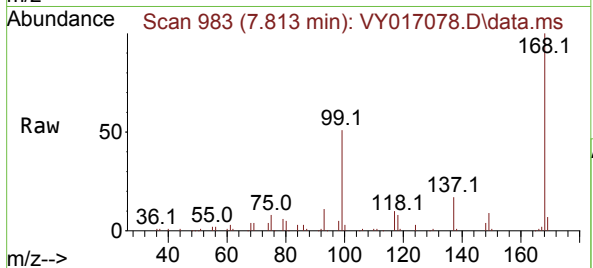




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

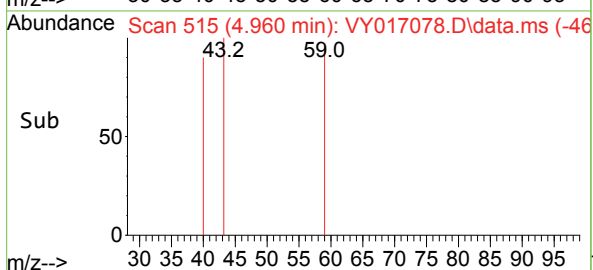
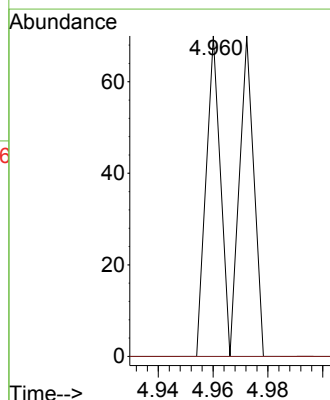
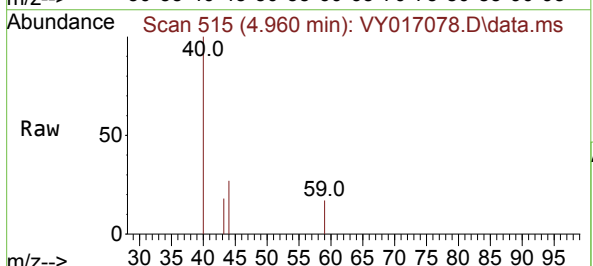
Instrument :
MSVOA_Y
ClientSampleId :

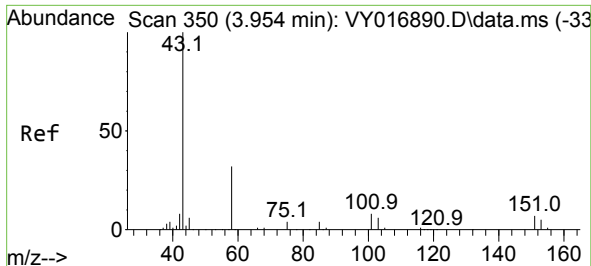
Tgt Ion:168 Resp: 66214
Ion Ratio Lower Upper
168 100
99 50.6 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

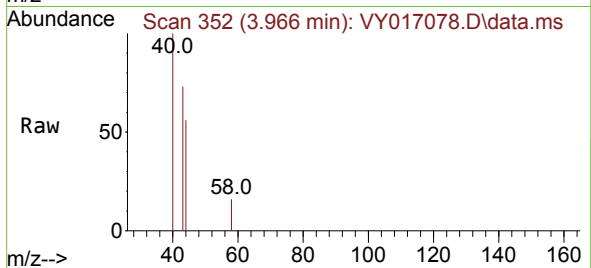
Tgt Ion: 59 Resp: 51
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



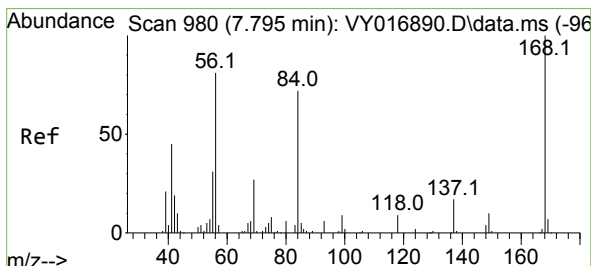
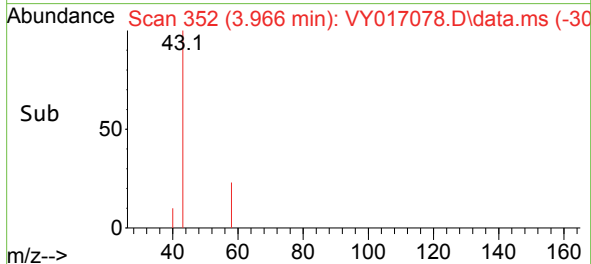
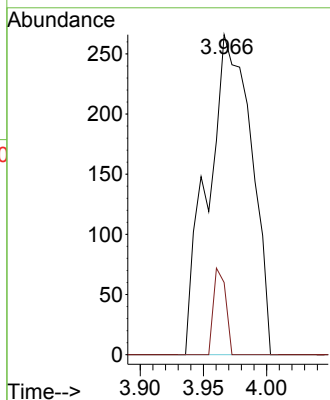


#16
Acetone
Concen: Below Cal
RT: 3.966 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :

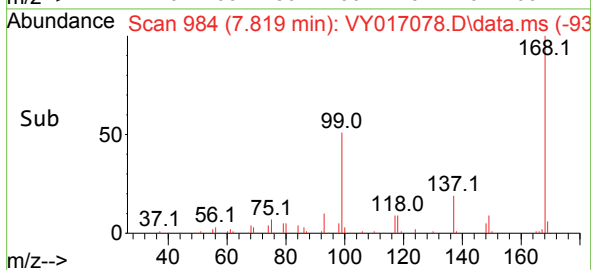
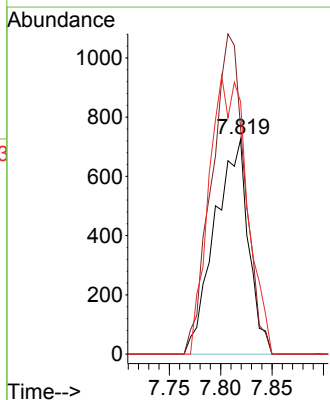
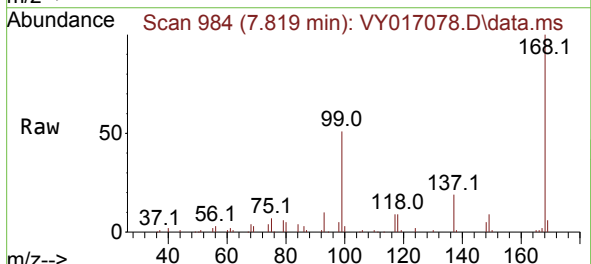


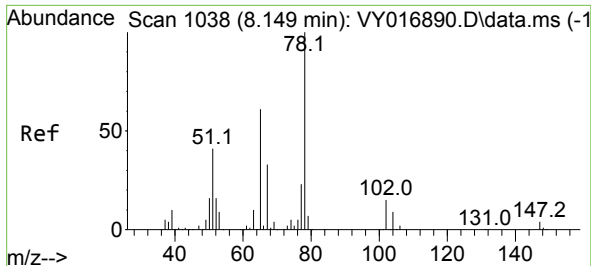
Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
58 22.6 26.6 39.8#



#31
Cyclohexane
Concen: 1.477 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

Tgt Ion: 56 Resp: 1659
Ion Ratio Lower Upper
56 100
69 105.1 27.0 40.6#
84 117.5 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 43.685 ug/l

RT: 8.161 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017078.D

Acq: 22 Jan 2024 16:52

Instrument :

MSVOA_Y

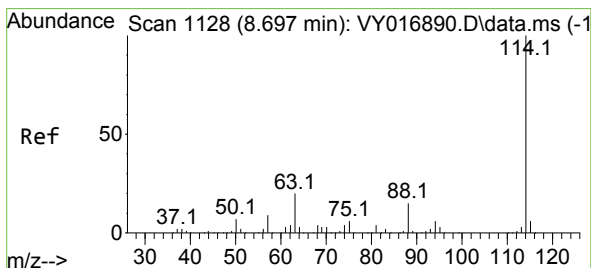
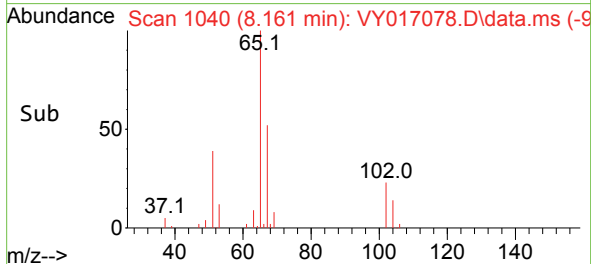
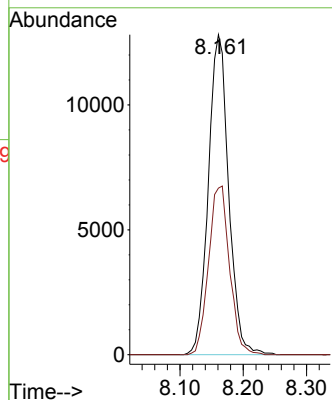
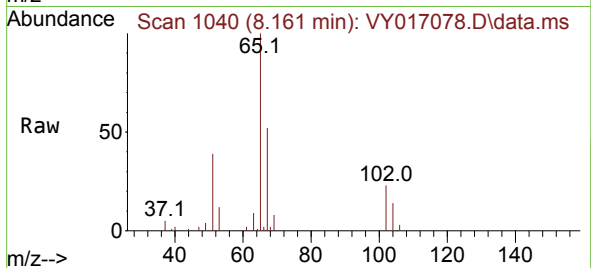
ClientSampleId :

Tgt Ion: 65 Resp: 28589

Ion Ratio Lower Upper

65 100

67 54.4 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY017078.D

Acq: 22 Jan 2024 16:52

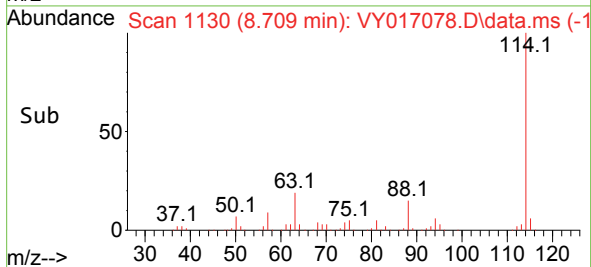
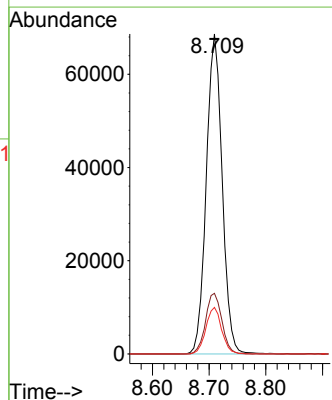
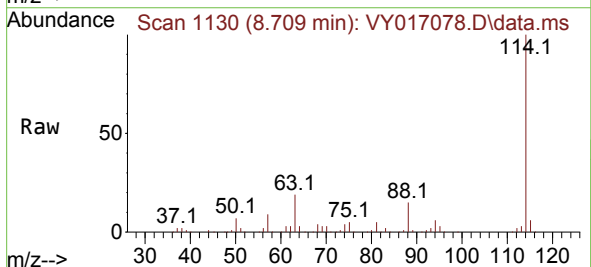
Tgt Ion: 114 Resp: 133506

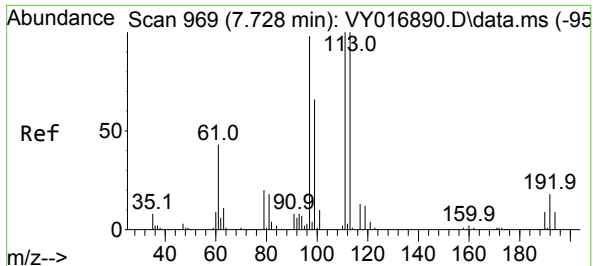
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

88 14.5 0.0 29.0

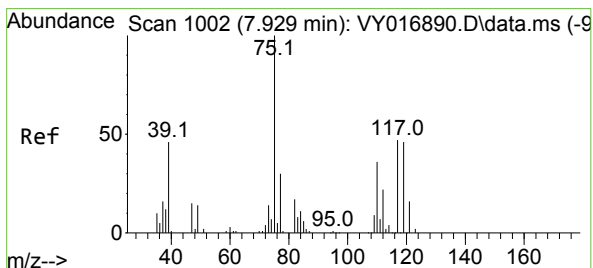
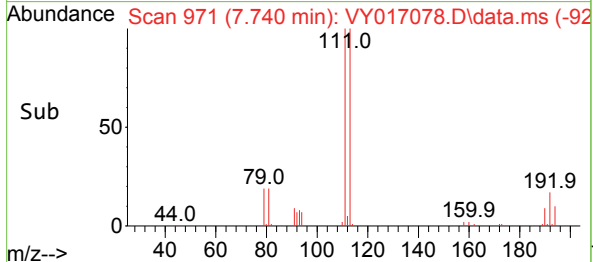
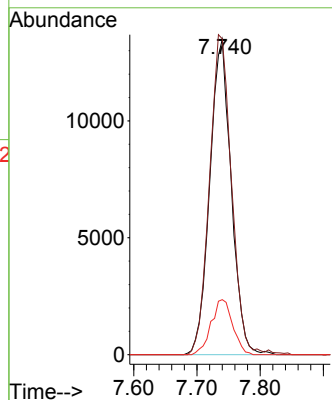
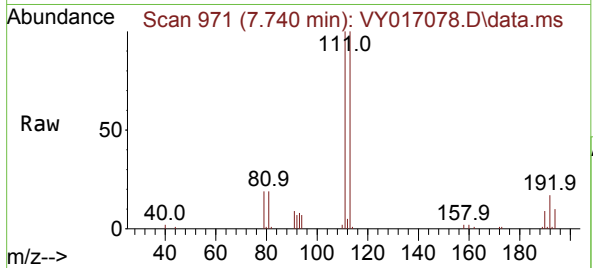




#35
Dibromofluoromethane
Concen: 37.406 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

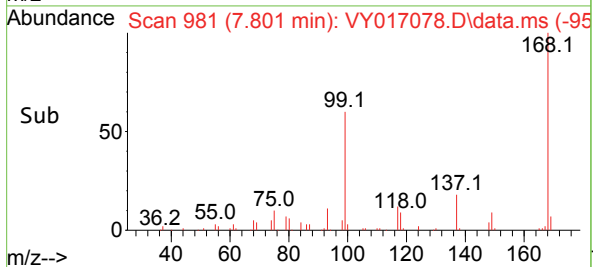
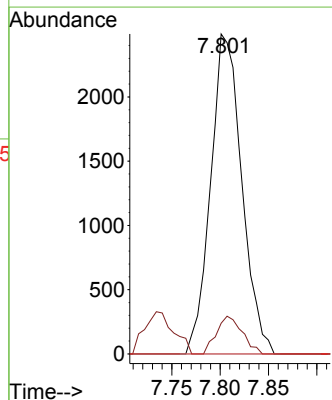
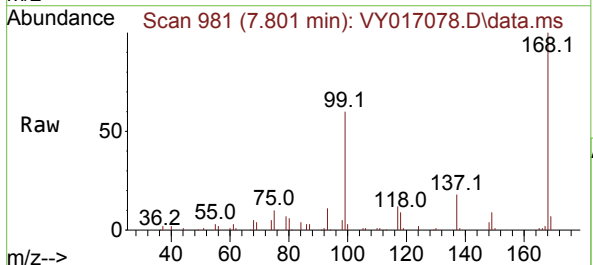
Instrument :
MSVOA_Y
ClientSampleId :

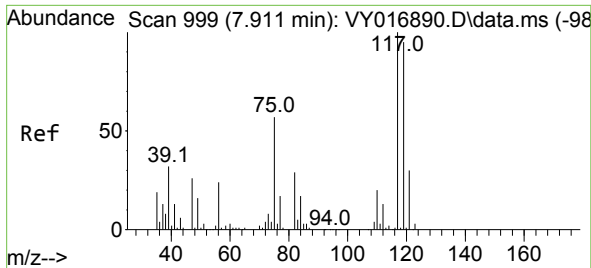
Tgt Ion:113 Resp: 31823
Ion Ratio Lower Upper
113 100
111 103.6 83.8 125.6
192 17.5 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.488 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

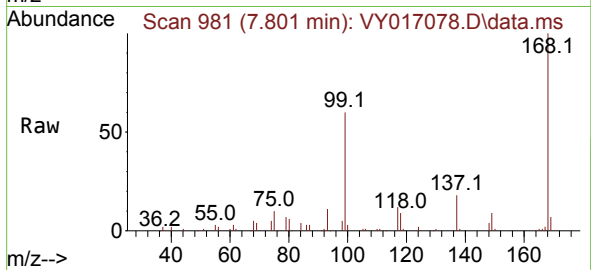
Tgt Ion: 75 Resp: 5564
Ion Ratio Lower Upper
75 100
110 9.8 17.4 52.3#
77 0.0 24.7 37.1#



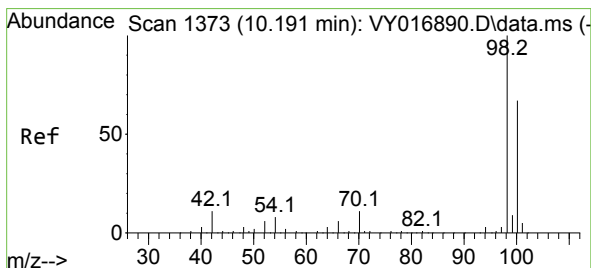
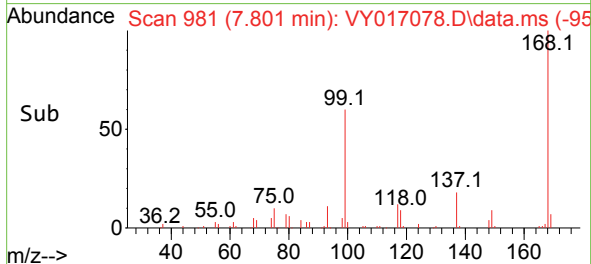
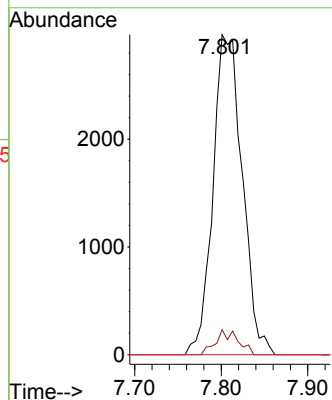


#38
Carbon Tetrachloride
Concen: 5.537 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

Instrument :
MSVOA_Y
ClientSampleId :

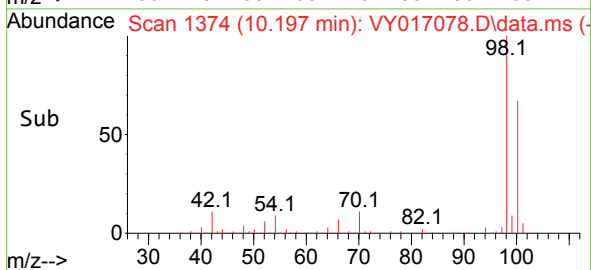
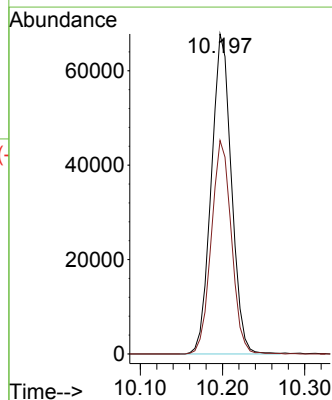
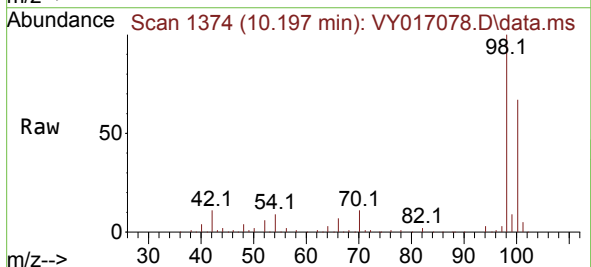


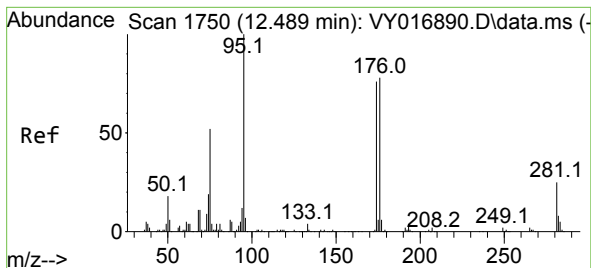
Tgt Ion:117 Resp: 6975
Ion Ratio Lower Upper
117 100
119 7.8 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.410 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

Tgt Ion: 98 Resp: 115455
Ion Ratio Lower Upper
98 100
100 66.5 52.3 78.5

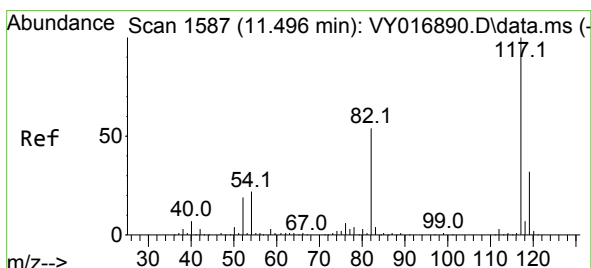
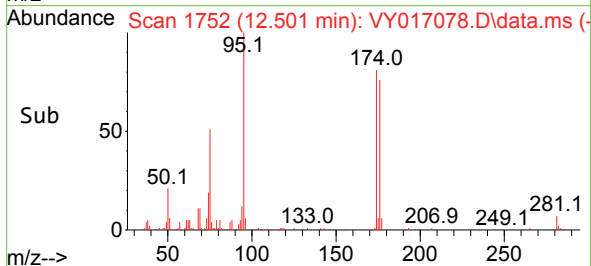
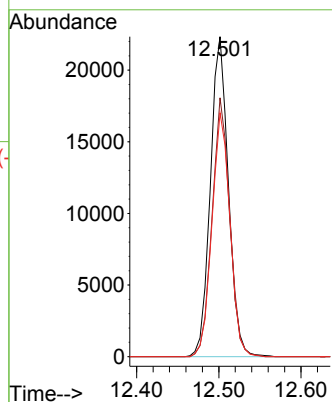
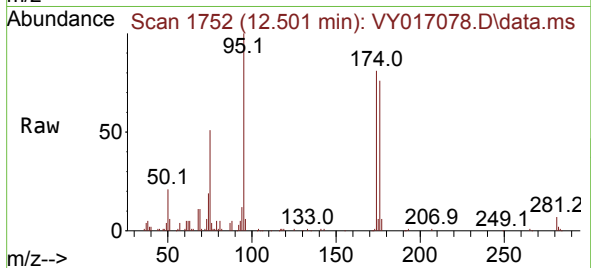




#62
4-Bromofluorobenzene
Concen: 34.416 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

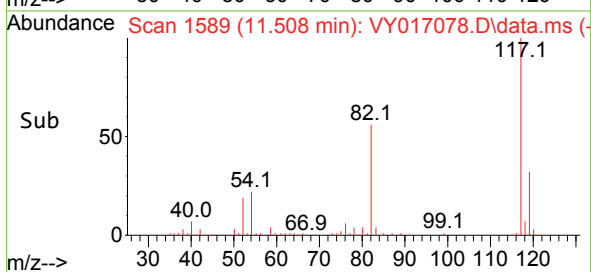
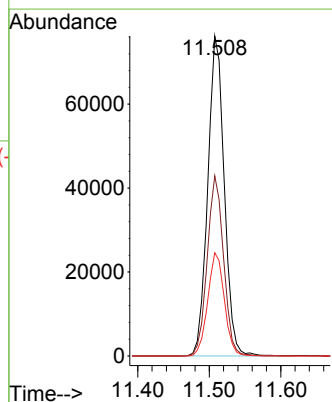
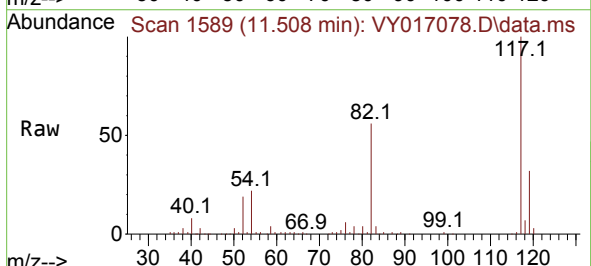
Instrument :
MSVOA_Y
ClientSampleId :

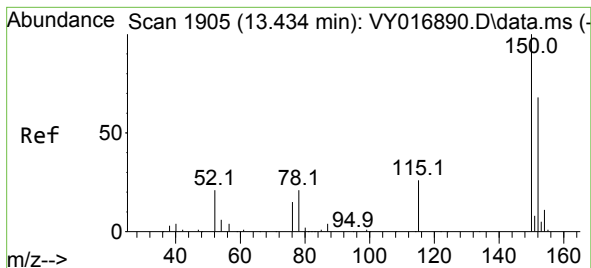
Tgt Ion: 95 Resp: 34017
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 76.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

Tgt Ion: 117 Resp: 122313
Ion Ratio Lower Upper
117 100
82 56.3 43.8 65.8
119 32.3 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1905

Delta R.T. 0.012 min

Lab File: VY017078.D

Acq: 22 Jan 2024 16:52

Instrument :

MSVOA_Y

ClientSampleId :

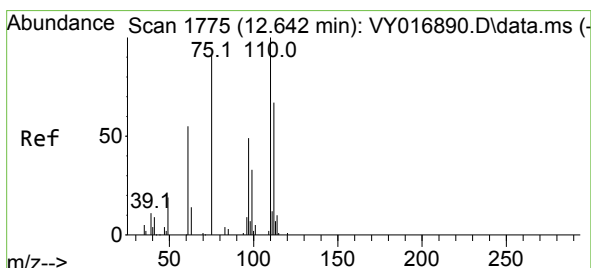
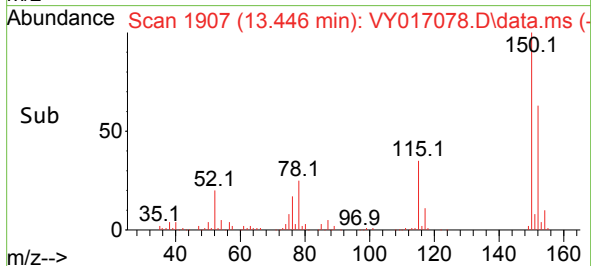
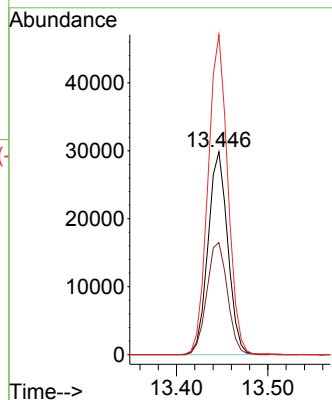
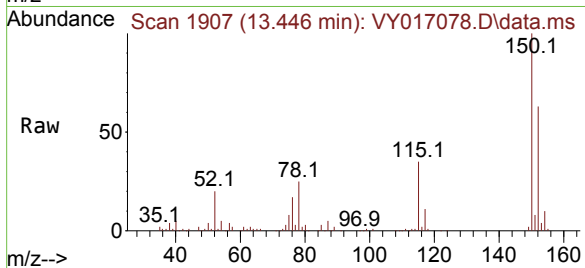
Tgt Ion:152 Resp: 44704

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 158.2 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 36.906 ug/l

RT: 12.501 min Scan# 1752

Delta R.T. -0.141 min

Lab File: VY017078.D

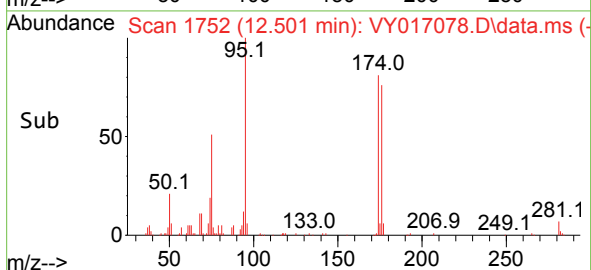
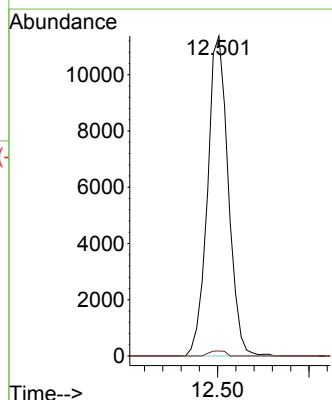
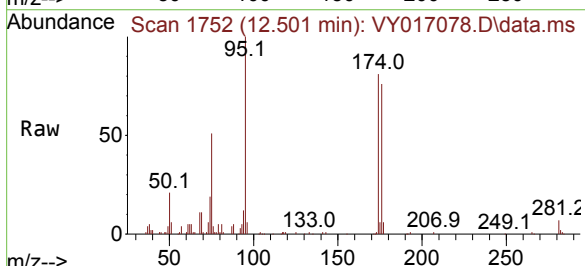
Acq: 22 Jan 2024 16:52

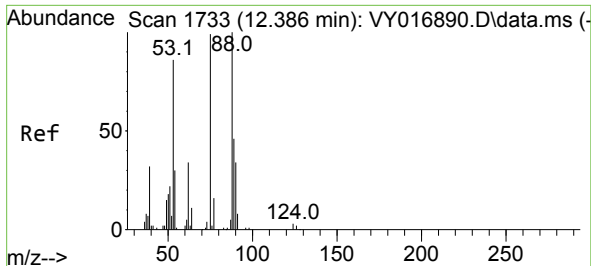
Tgt Ion: 75 Resp: 17904

Ion Ratio Lower Upper

75 100

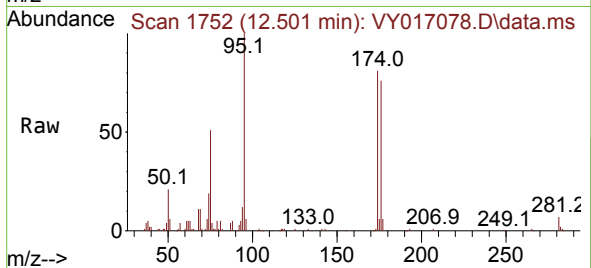
77 1.3 0.0 0.0#



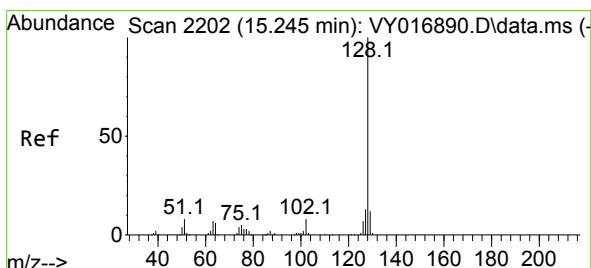
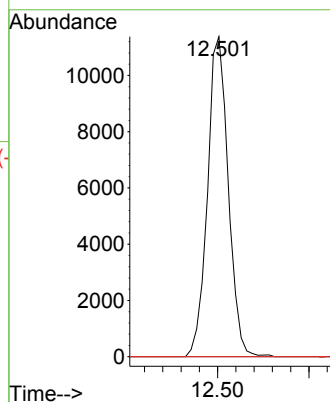
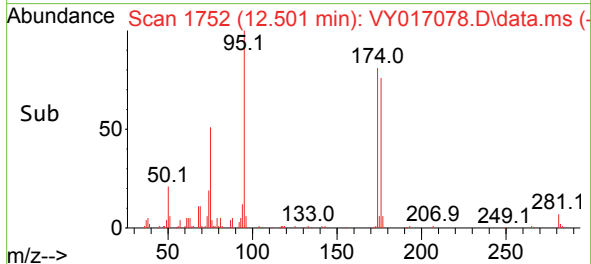


#81
trans-1,4-Dichloro-2-butene
Concen: 83.805 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.116 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52

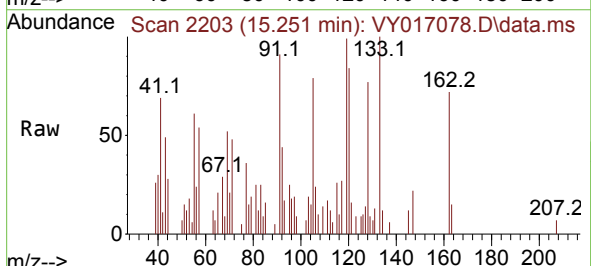
Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 17904
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 2.343 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017078.D
Acq: 22 Jan 2024 16:52



Tgt Ion: 128 Resp: 2025
Ion Ratio Lower Upper
128 100
127 11.6 10.2 15.4
129 0.0 8.6 12.8#

