

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017040.D
 Acq On : 18 Jan 2024 15:47
 Operator : SY/MD
 Sample : P1161-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:29:26 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)

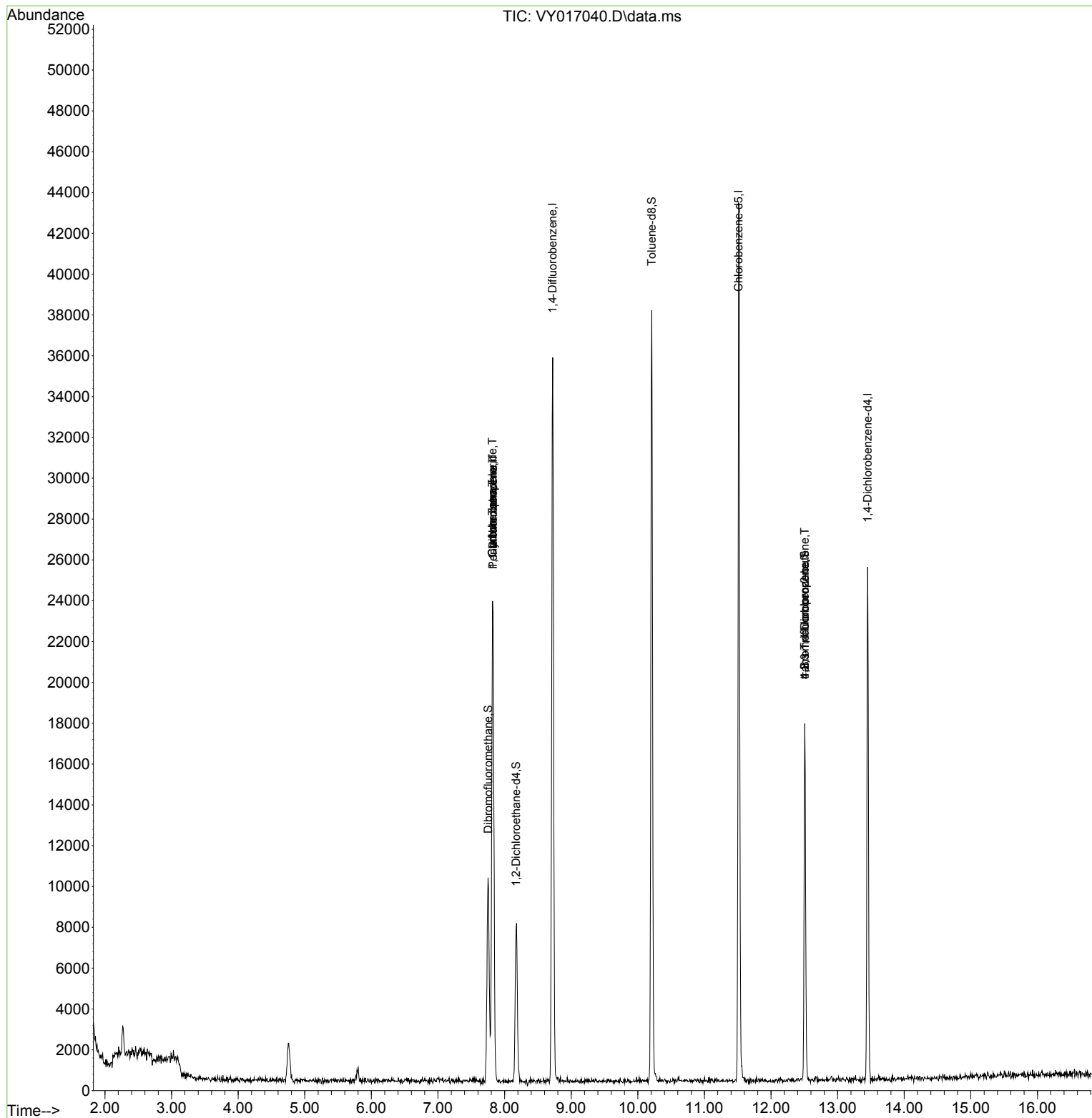
Internal Standards						
1) Pentafluorobenzene	7.826	168	18944	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	31515	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	24553	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.453	152	6879	50.000	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	6245	33.354	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.700%
35) Dibromofluoromethane	7.752	113	7479	37.241	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.480%
50) Toluene-d8	10.209	98	25935	37.503	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.000%
62) 4-Bromofluorobenzene	12.508	95	5728	24.550	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	49.100%
Target Compounds						
					Qvalue	
16) Acetone	3.979	43	159	Below Cal	#	41
20) Methylene Chloride	4.759	84	1549	Below Cal	#	84
31) Cyclohexane	7.819	56	407	1.267	ug/l #	26
36) 1,1-Dichloropropene	7.826	75	1584	5.412	ug/l #	44
38) Carbon Tetrachloride	7.819	117	2029	6.824	ug/l #	12
76) 1,2,3-Trichloropropane	12.508	75	2927	39.210	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	2927	89.036	ug/l #	12

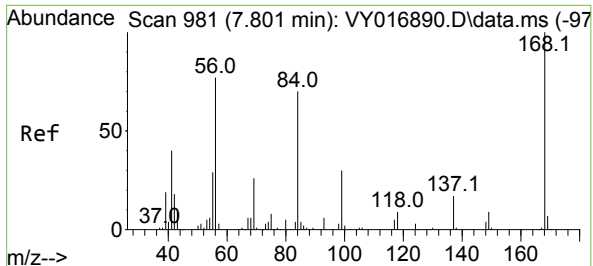
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
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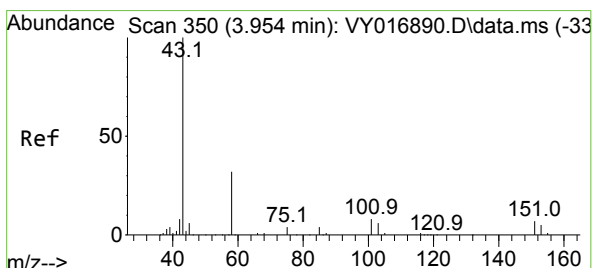
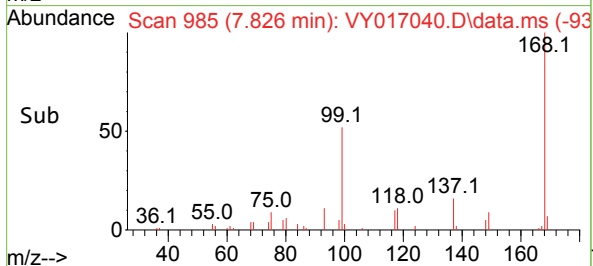
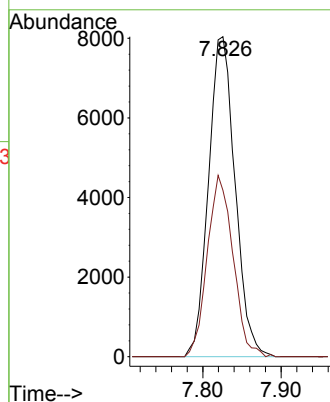
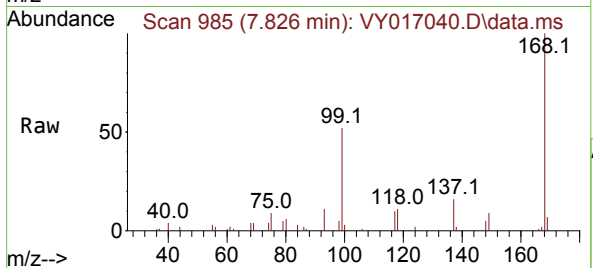




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

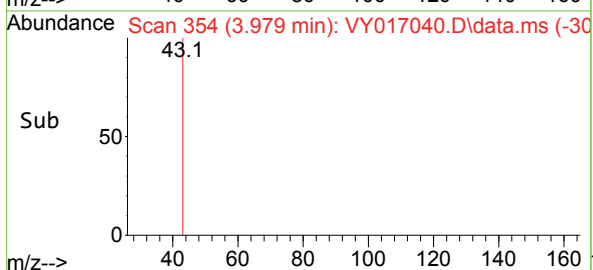
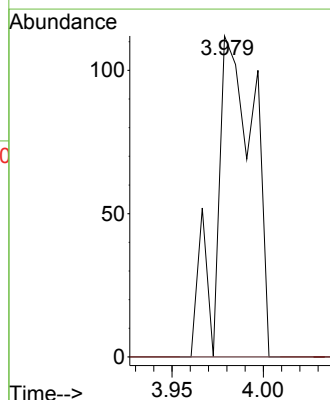
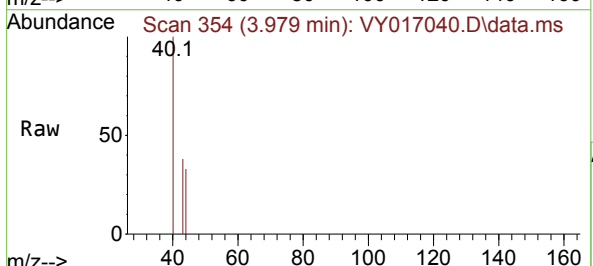
Instrument :
MSVOA_Y
ClientSampleId :

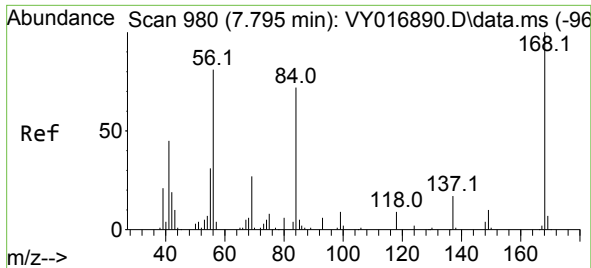
Tgt Ion:168 Resp: 18944
Ion Ratio Lower Upper
168 100
99 52.0 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 354
Delta R.T. 0.019 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

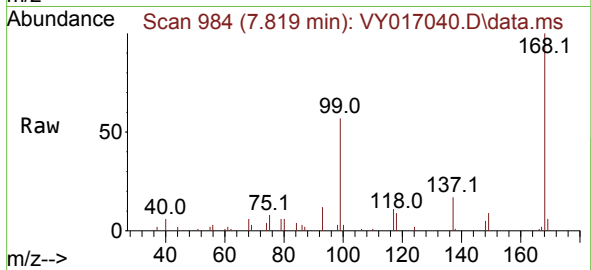
Tgt Ion: 43 Resp: 159
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



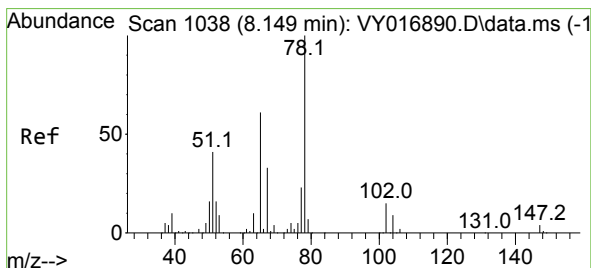
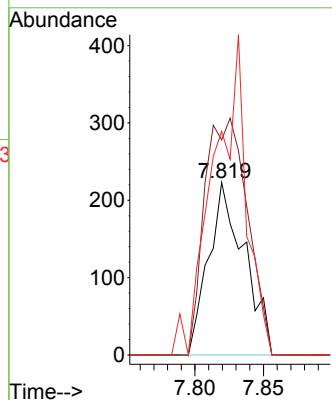
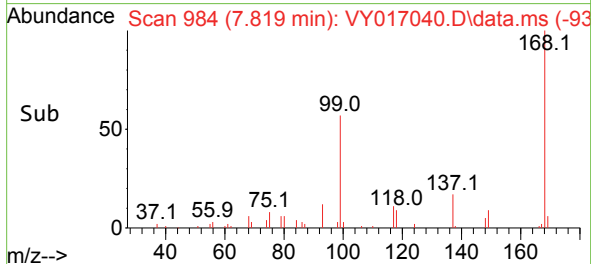


#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :

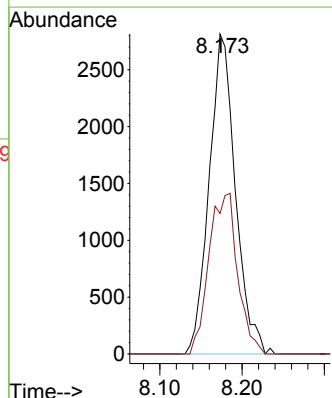
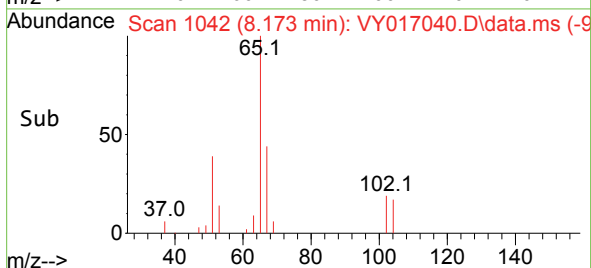
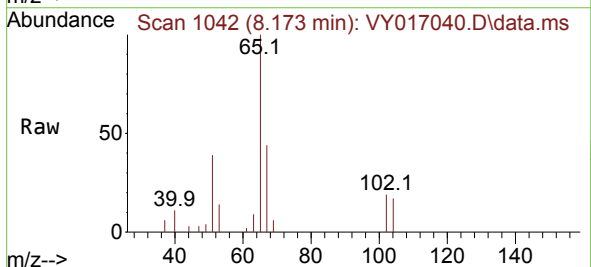


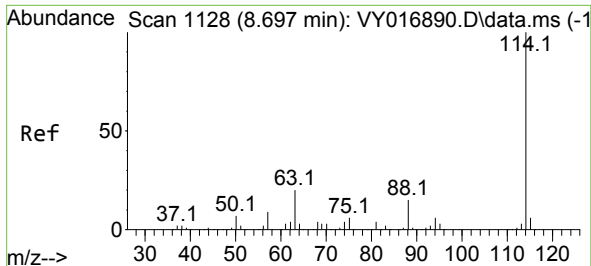
Tgt Ion: 56 Resp: 407
Ion Ratio Lower Upper
56 100
69 124.7 27.0 40.6#
84 129.6 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 33.354 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Tgt Ion: 65 Resp: 6245
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

Instrument :

MSVOA_Y

ClientSampleId :

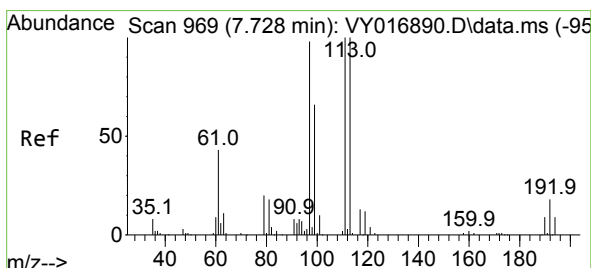
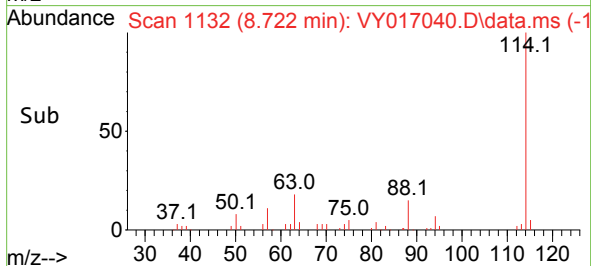
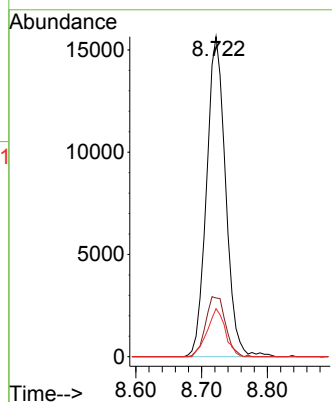
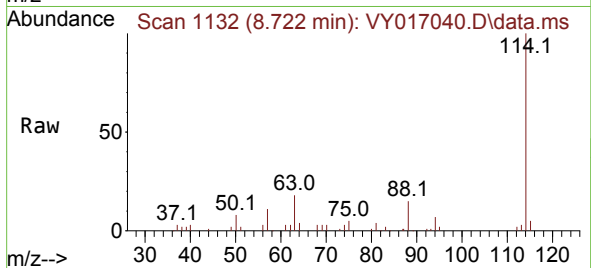
Tgt Ion:114 Resp: 31515

Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.241 ug/l

RT: 7.752 min Scan# 973

Delta R.T. 0.024 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

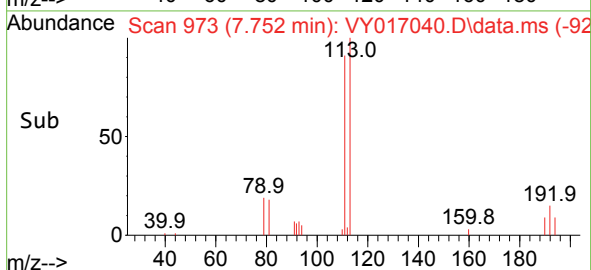
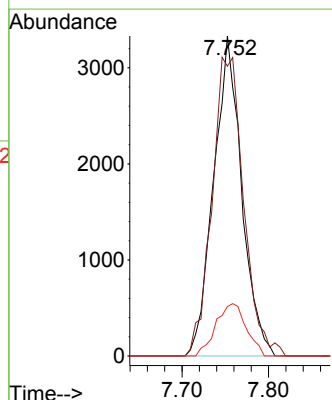
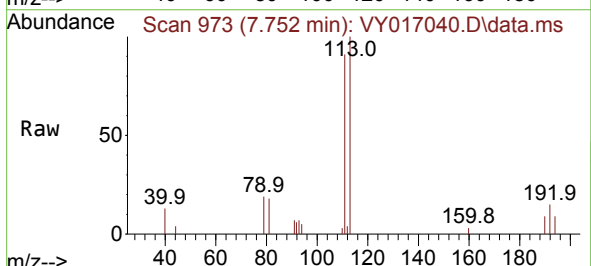
Tgt Ion:113 Resp: 7479

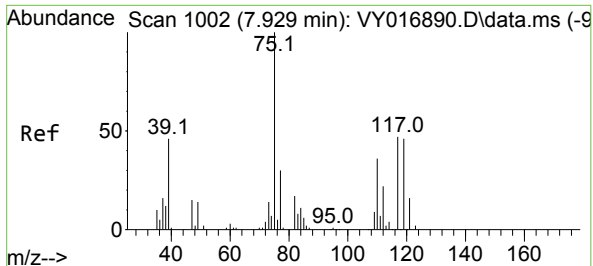
Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

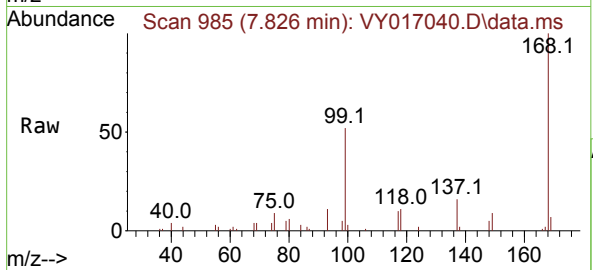
192 17.7 14.5 21.7



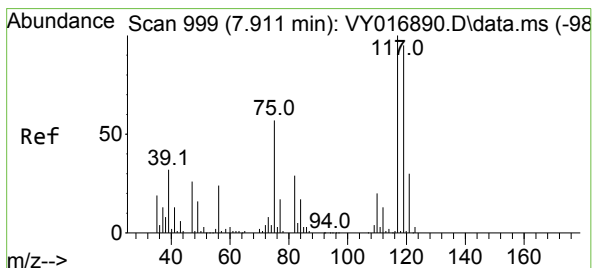
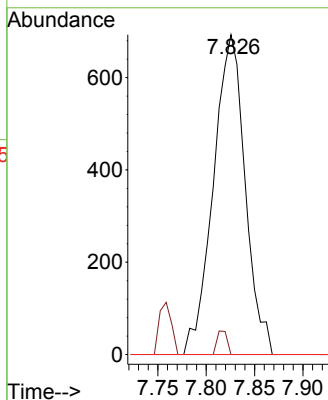
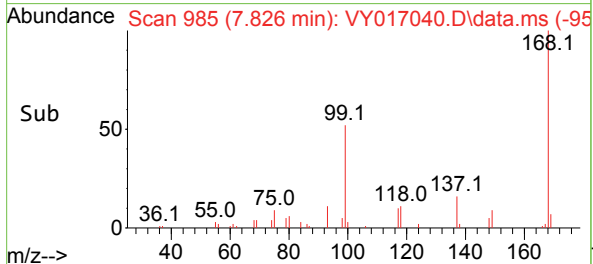


#36
1,1-Dichloropropene
Concen: 5.412 ug/l
RT: 7.826 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Instrument :
MSVOA_Y
ClientSampleId :

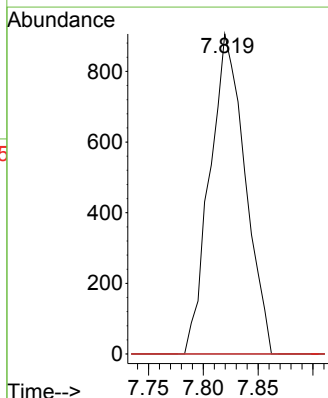
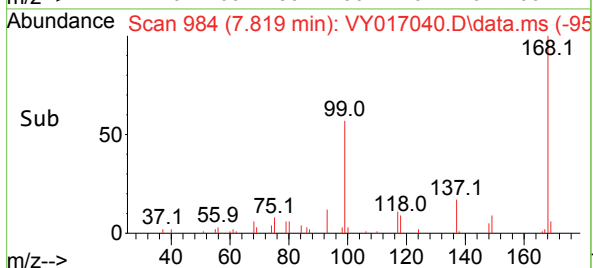
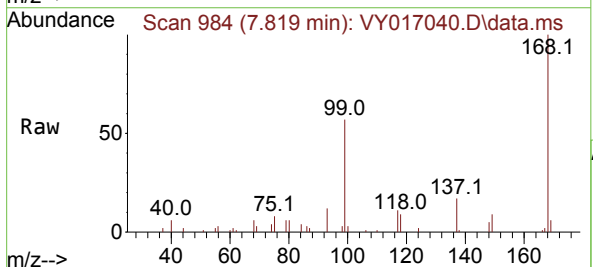


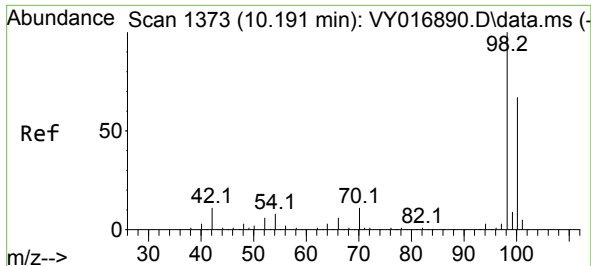
Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
110 2.3 17.4 52.3#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.824 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.098 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Tgt Ion: 117 Resp: 2029
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#

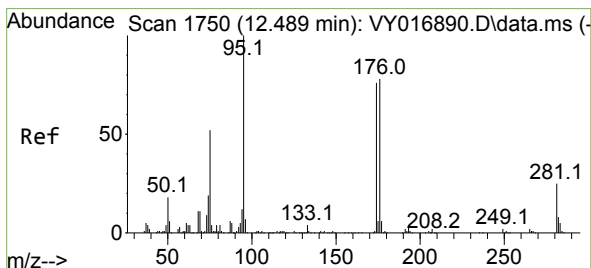
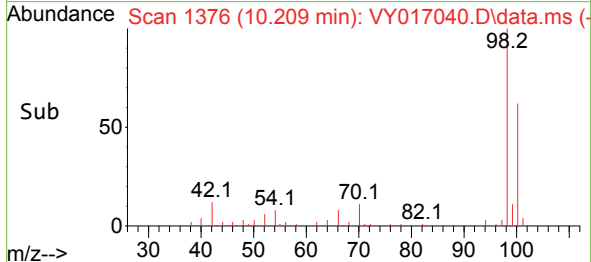
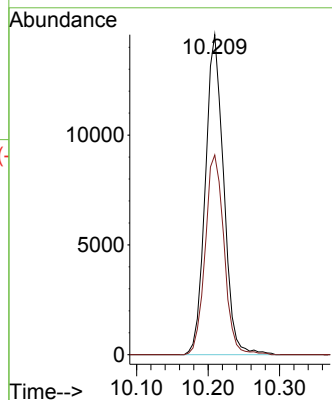
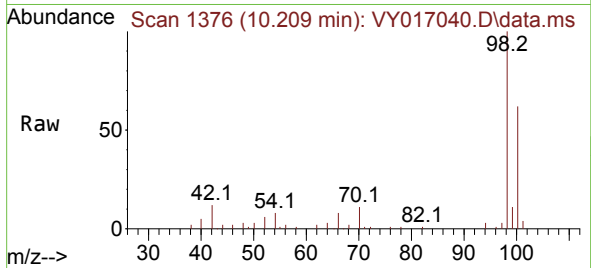




#50
Toluene-d8
Concen: 37.503 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

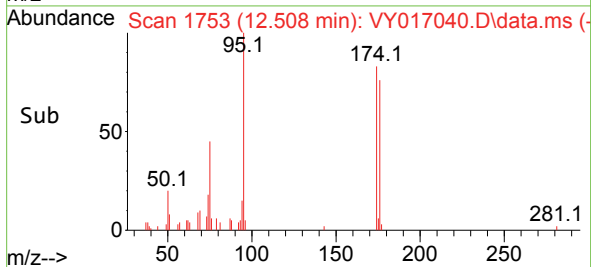
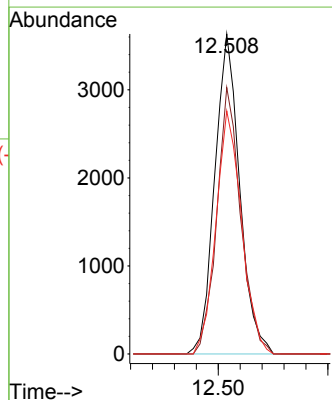
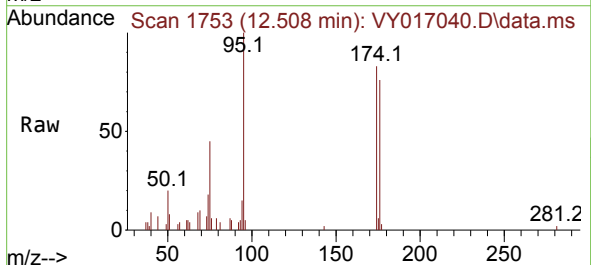
Instrument :
MSVOA_Y
ClientSampleId :

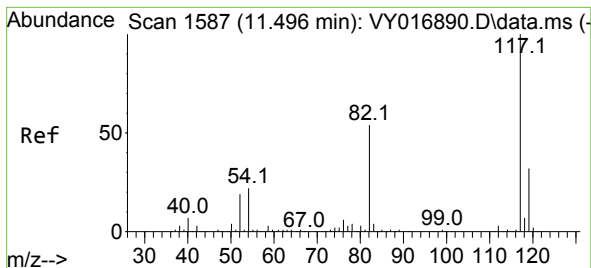
Tgt Ion: 98 Resp: 25935
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 24.550 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Tgt Ion: 95 Resp: 5728
Ion Ratio Lower Upper
95 100
174 80.3 0.0 160.0
176 78.2 0.0 151.8

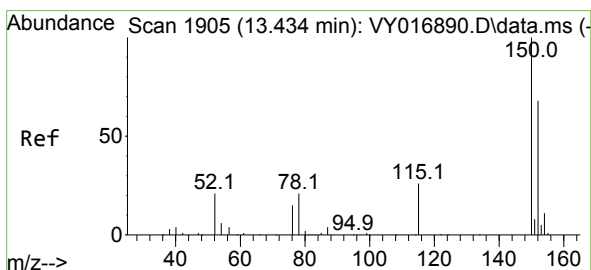
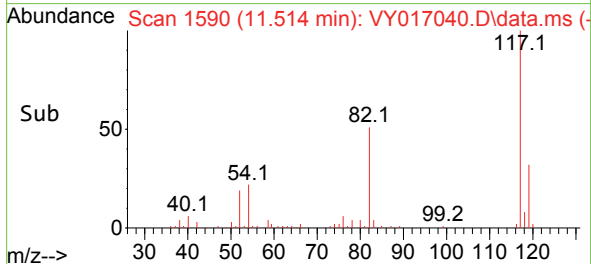
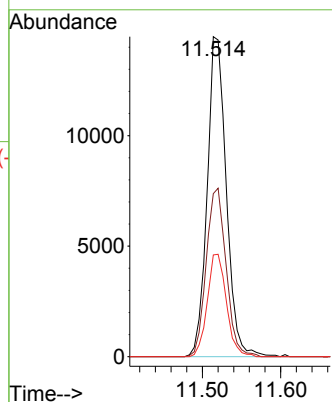
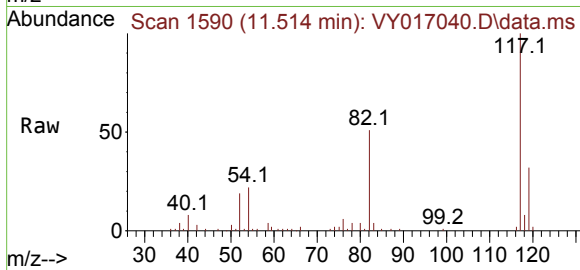




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

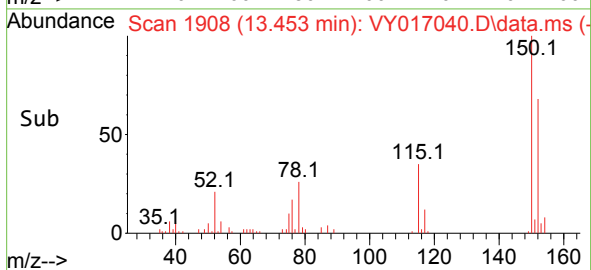
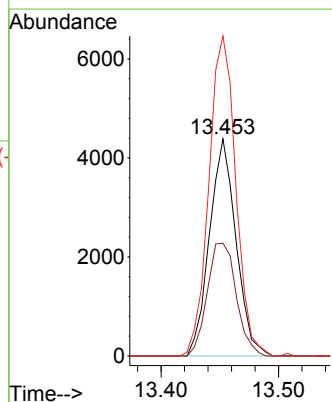
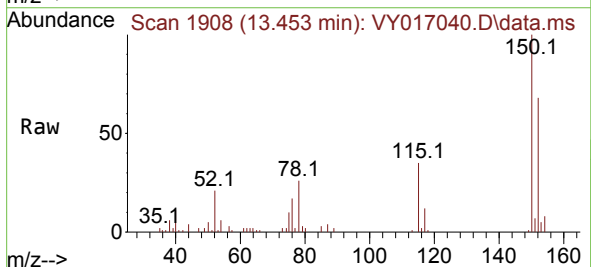
Instrument :
MSVOA_Y
ClientSampleId :

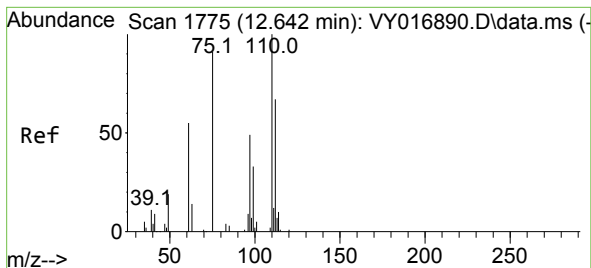
Tgt Ion:117 Resp: 24553
Ion Ratio Lower Upper
117 100
82 51.0 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017040.D
Acq: 18 Jan 2024 15:47

Tgt Ion:152 Resp: 6879
Ion Ratio Lower Upper
152 100
115 56.9 30.0 90.0
150 149.4 0.0 344.6





#76

1,2,3-Trichloropropane

Concen: 39.210 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

Instrument :

MSVOA_Y

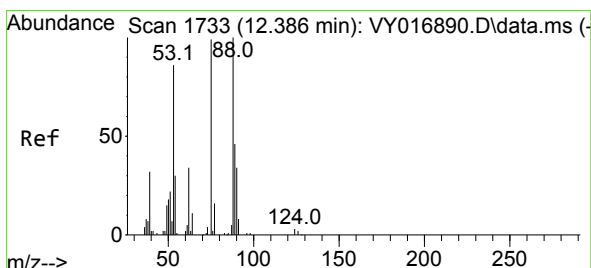
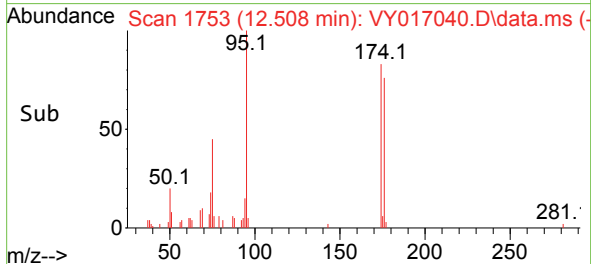
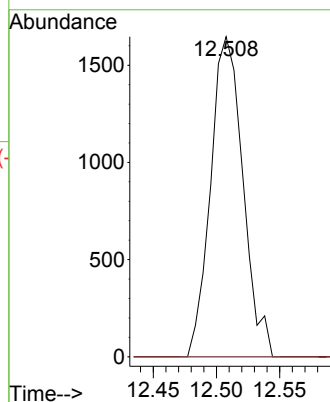
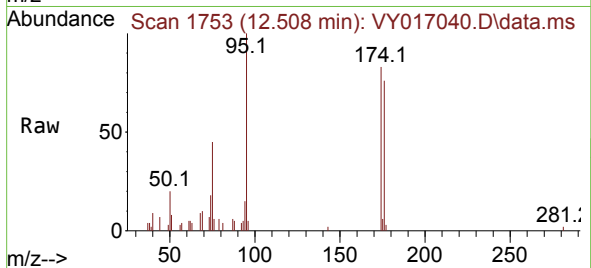
ClientSampleId :

Tgt Ion: 75 Resp: 2927

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#81

trans-1,4-Dichloro-2-butene

Concen: 89.036 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. 0.123 min

Lab File: VY017040.D

Acq: 18 Jan 2024 15:47

Tgt Ion: 75 Resp: 2927

Ion Ratio Lower Upper

75 100

53 0.0 74.0 111.0#

89 0.0 36.5 54.7#

