

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017038.D
 Acq On : 18 Jan 2024 14:33
 Operator : SY/MD
 Sample : P1169-03
 Misc : 1.32g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

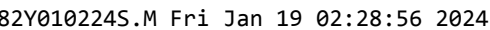
Quant Time: Jan 19 02:28:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

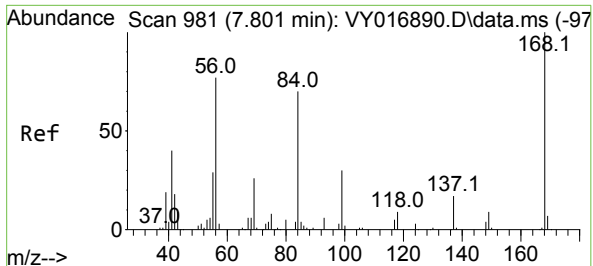
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.819	168	102898	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	221054	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	206463	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	74000	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	44538	43.793	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.580%
35) Dibromofluoromethane	7.746	113	50969	36.183	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	72.360%
50) Toluene-d8	10.203	98	191445	39.468	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	78.940%
62) 4-Bromofluorobenzene	12.508	95	57885	35.370	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.740%
Target Compounds						
16) Acetone	3.985	43	604	Below Cal	#	41
20) Methylene Chloride	4.747	84	11691	2.142	ug/l #	84
31) Cyclohexane	7.819	56	2391	1.370	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8576	4.178	ug/l #	49
38) Carbon Tetrachloride	7.819	117	10223	4.901	ug/l #	16
76) 1,2,3-Trichloropropane	12.508	75	30328	37.767	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.508	75	30328	85.759	ug/l #	12

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

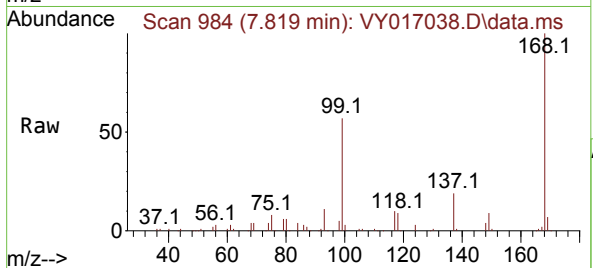
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration



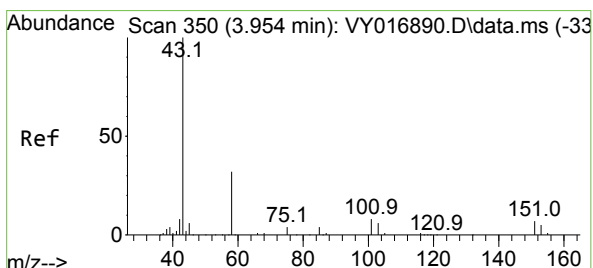
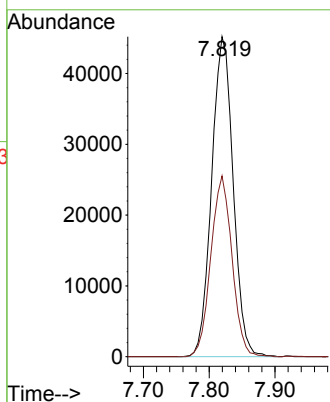
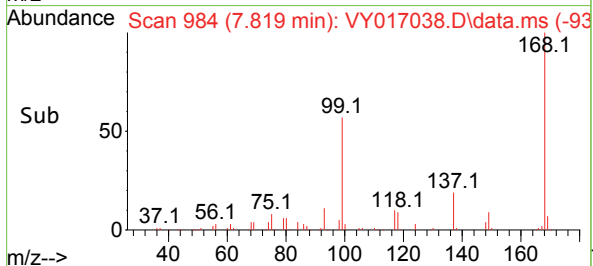


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

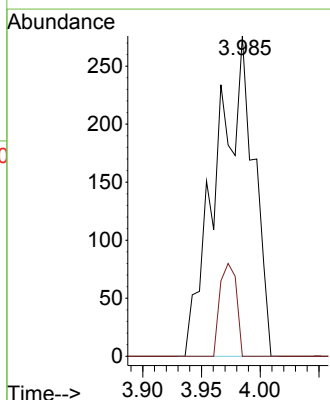
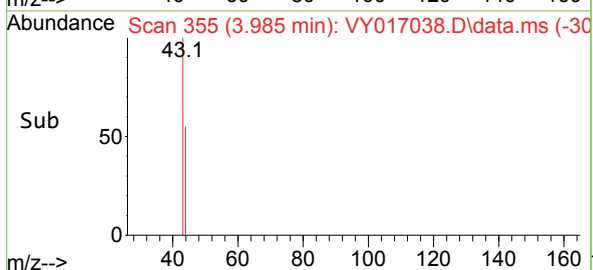
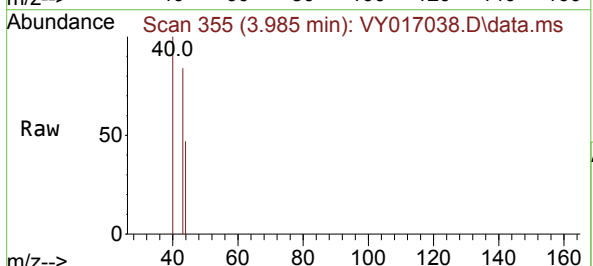


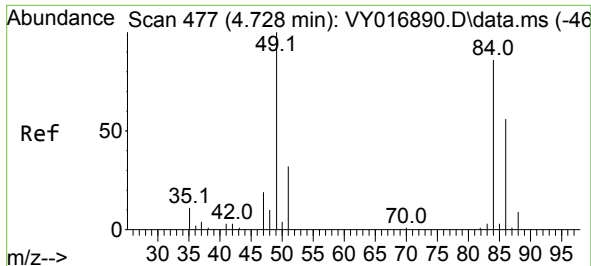
Tgt Ion:168 Resp: 102898
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

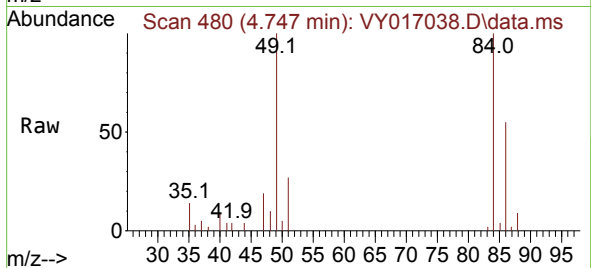
Tgt Ion: 43 Resp: 604
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



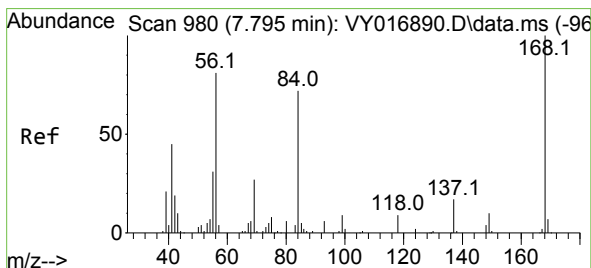
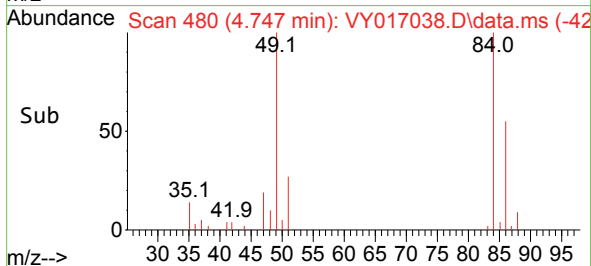
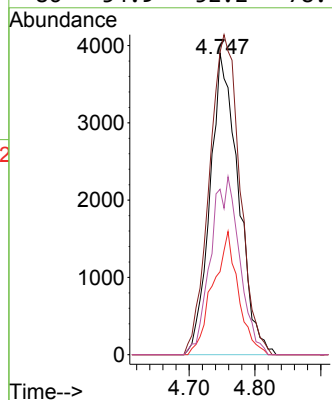


#20
Methylene Chloride
Concen: 2.142 ug/l
RT: 4.747 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

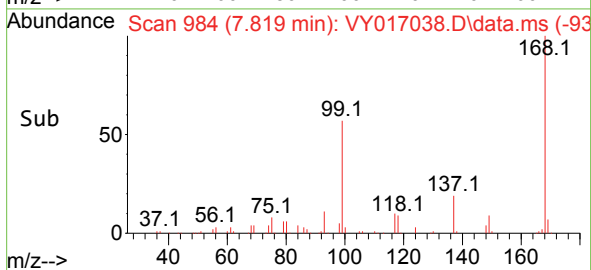
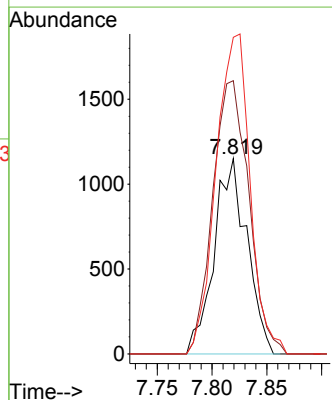
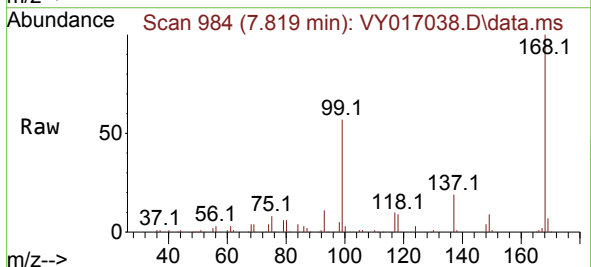


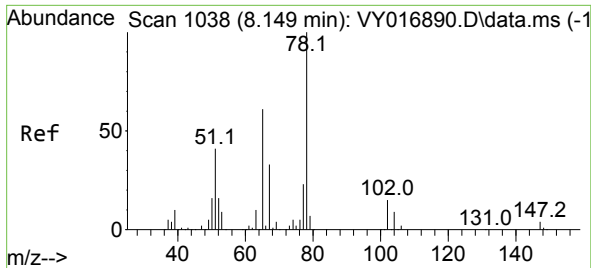
Tgt Ion: 84	Resp: 11691
Ion Ratio	Lower Upper
84 100	
49 100.4	95.2 142.8
51 27.5	29.9 44.9#
86 54.9	52.2 78.4



#31
Cyclohexane
Concen: 1.370 ug/l
RT: 7.819 min Scan# 984
Delta R.T. 0.018 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Tgt Ion: 56	Resp: 2391
Ion Ratio	Lower Upper
56 100	
69 139.9	27.0 40.6#
84 162.0	71.8 107.6#

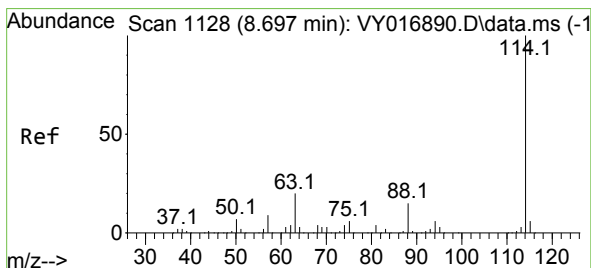
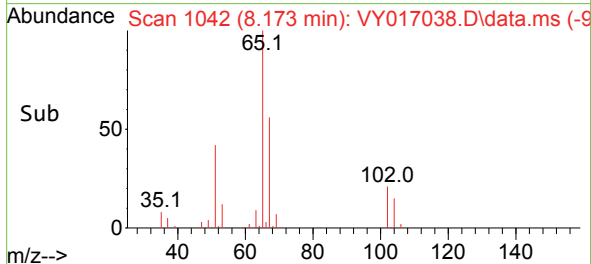
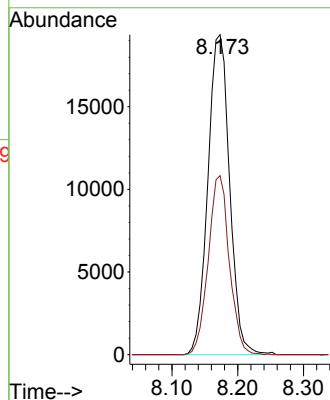
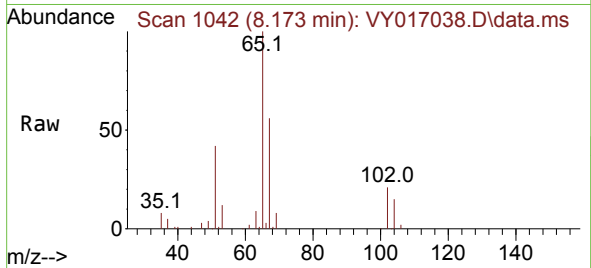




#33
 1,2-Dichloroethane-d4
 Concen: 43.793 ug/l
 RT: 8.173 min Scan# 1103
 Delta R.T. 0.018 min
 Lab File: VY017038.D
 Acq: 18 Jan 2024 14:33

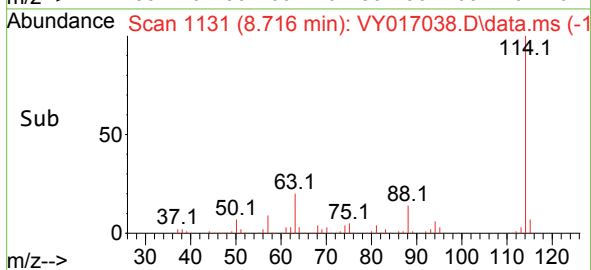
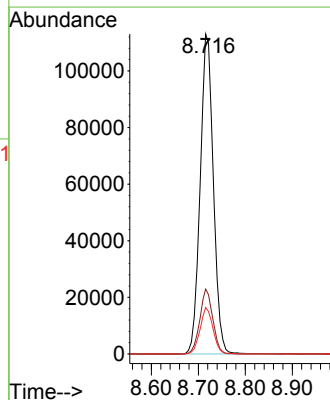
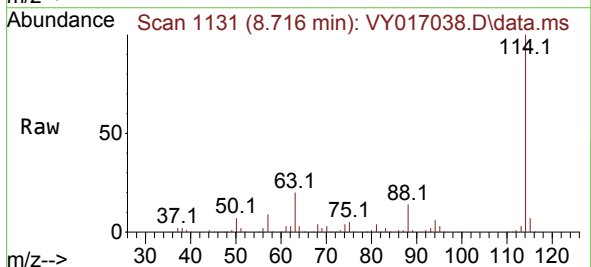
Instrument :
 MSVOA_Y
 ClientSampleId :

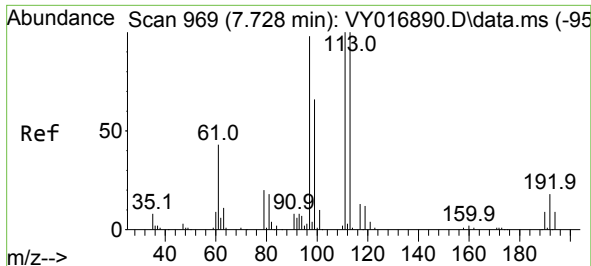
Tgt Ion: 65 Resp: 44538
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.716 min Scan# 1131
 Delta R.T. 0.013 min
 Lab File: VY017038.D
 Acq: 18 Jan 2024 14:33

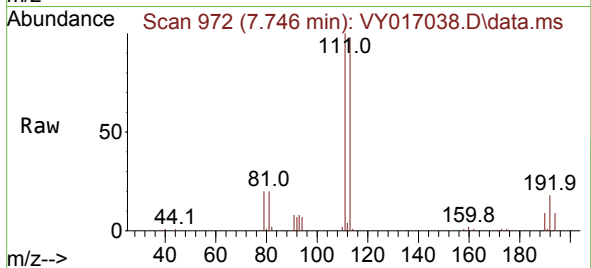
Tgt Ion: 114 Resp: 221054
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 14.5 0.0 29.0



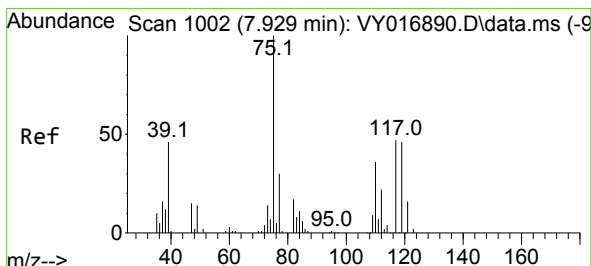
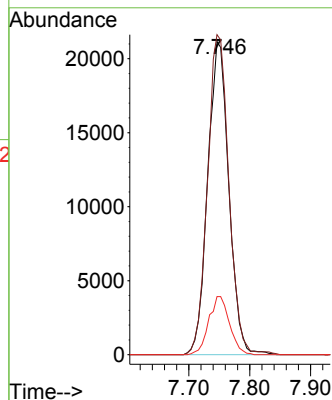
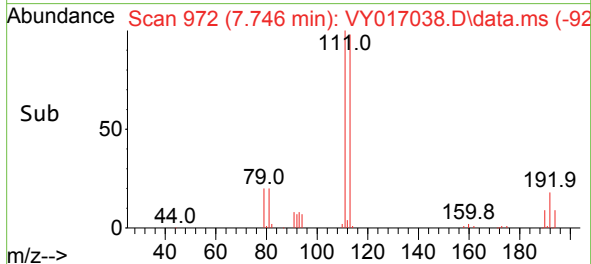


#35
Dibromofluoromethane
Concen: 36.183 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

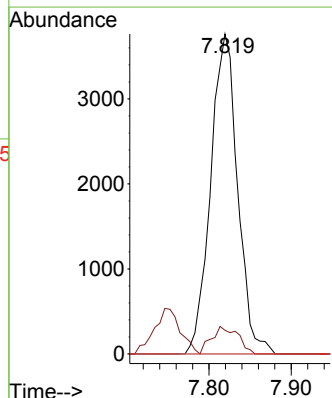
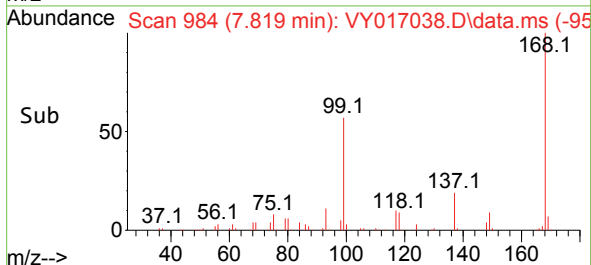
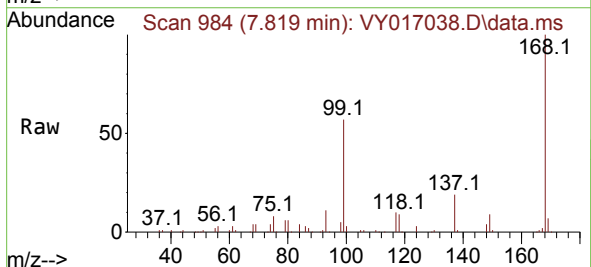


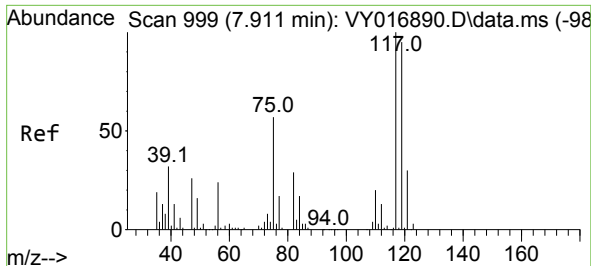
Tgt Ion:113 Resp: 50969
Ion Ratio Lower Upper
113 100
111 103.4 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.178 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

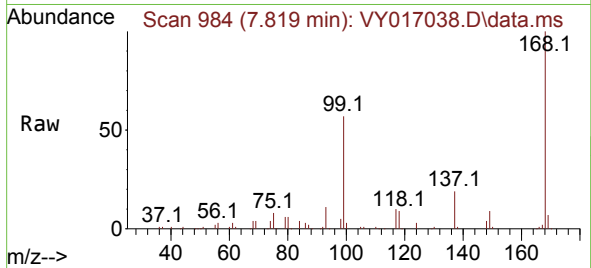
Tgt Ion: 75 Resp: 8576
Ion Ratio Lower Upper
75 100
110 8.4 17.4 52.3#
77 0.0 24.7 37.1#



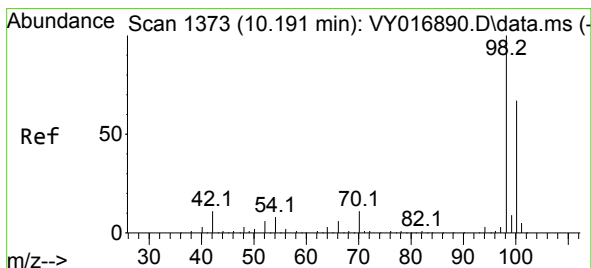
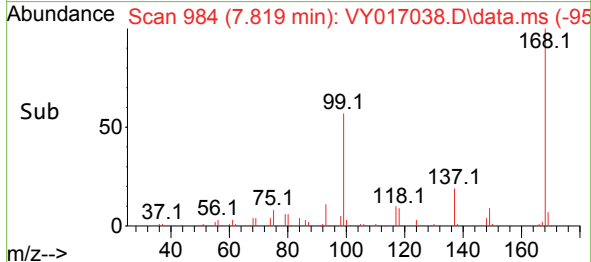
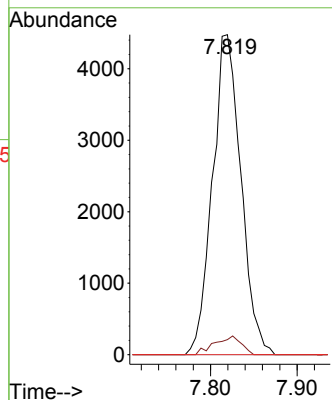


#38
Carbon Tetrachloride
Concen: 4.901 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Instrument :
MSVOA_Y
ClientSampleId :

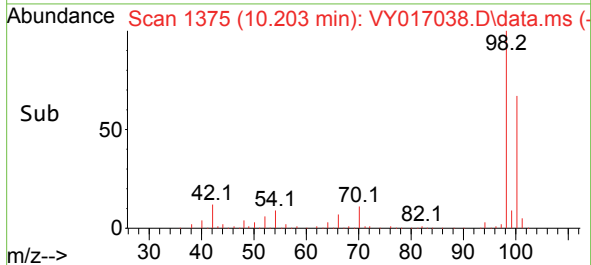
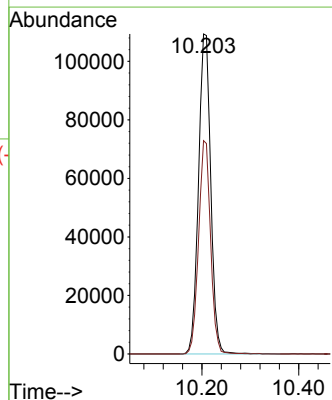
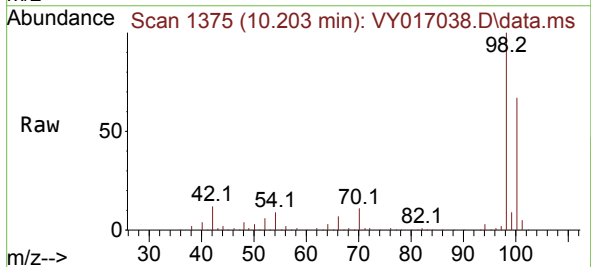


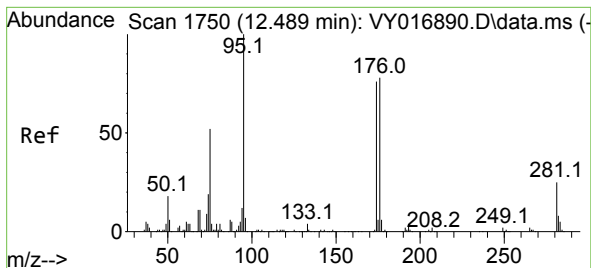
Tgt Ion:117 Resp: 10223
Ion Ratio Lower Upper
117 100
119 4.7 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.468 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Tgt Ion: 98 Resp: 191445
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5

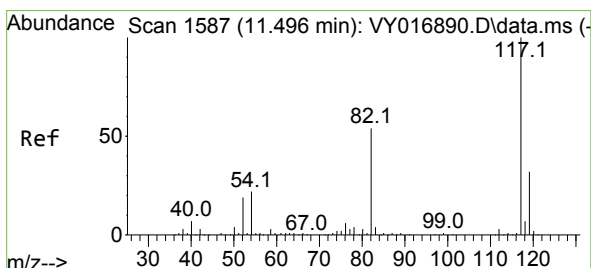
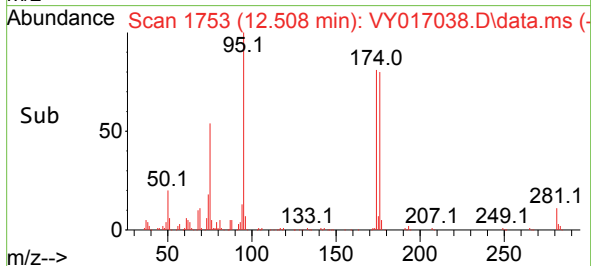
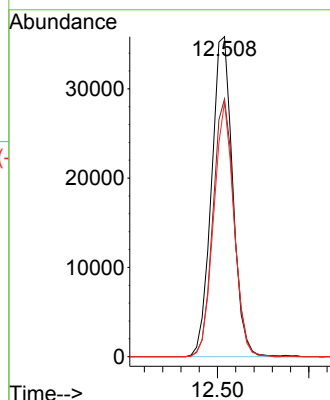
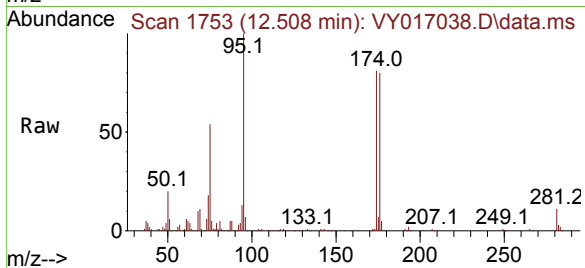




#62
4-Bromofluorobenzene
Concen: 35.370 ug/l
RT: 12.508 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

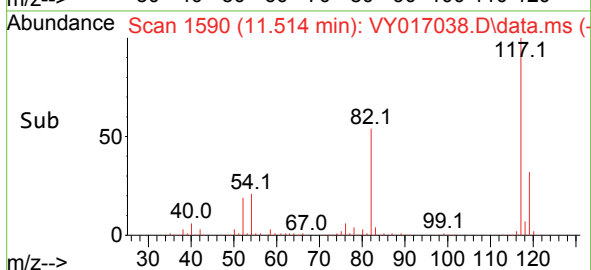
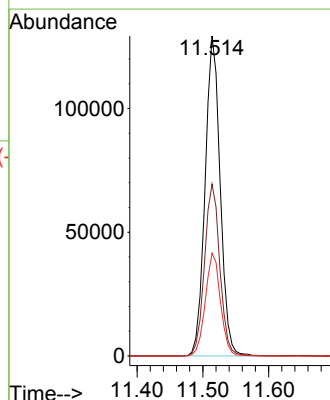
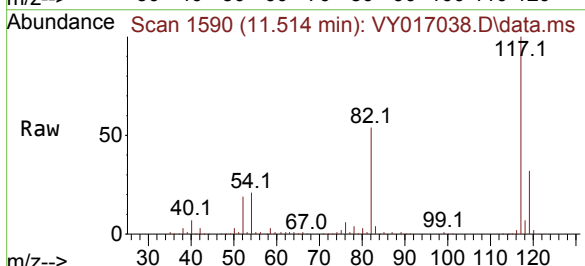
Instrument :
MSVOA_Y
ClientSampleId :

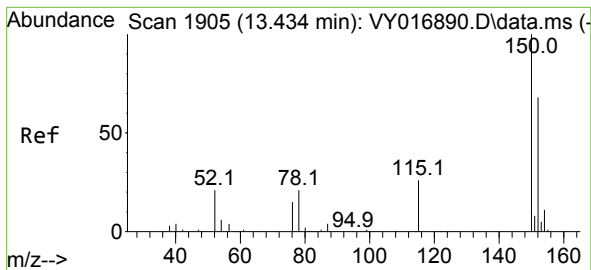
Tgt Ion: 95 Resp: 57885
Ion Ratio Lower Upper
95 100
174 80.0 0.0 160.0
176 75.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017038.D
Acq: 18 Jan 2024 14:33

Tgt Ion:117 Resp: 206463
Ion Ratio Lower Upper
117 100
82 53.7 43.8 65.8
119 32.1 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY017038.D

Acq: 18 Jan 2024 14:33

Instrument :

MSVOA_Y

ClientSampleId :

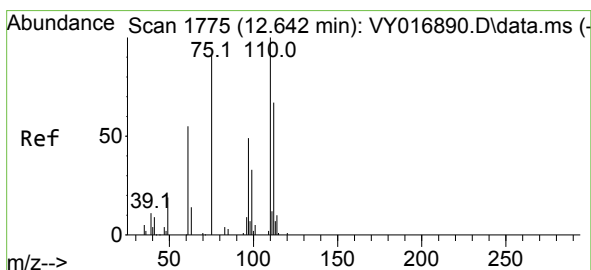
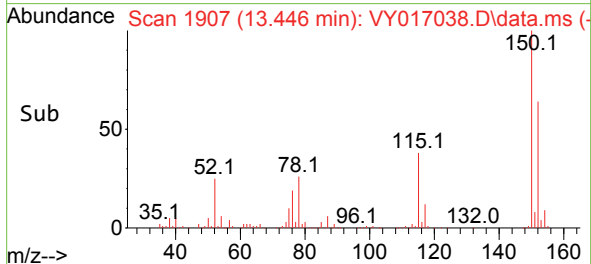
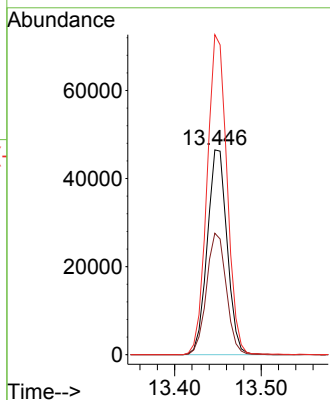
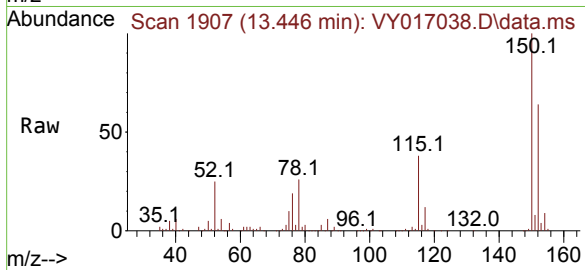
Tgt Ion:152 Resp: 74000

Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 156.7 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 37.767 ug/l

RT: 12.508 min Scan# 1753

Delta R.T. -0.134 min

Lab File: VY017038.D

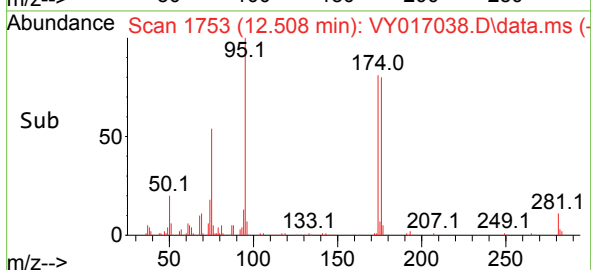
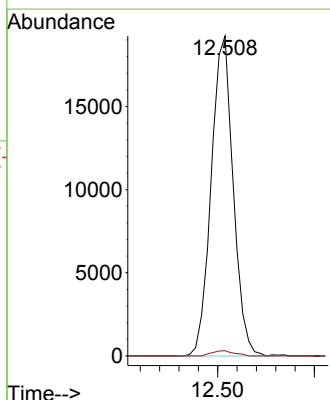
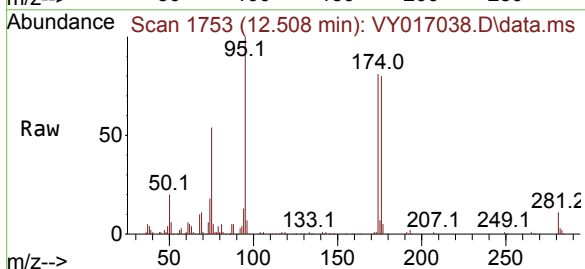
Acq: 18 Jan 2024 14:33

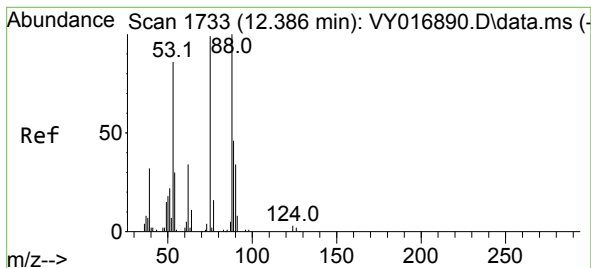
Tgt Ion: 75 Resp: 30328

Ion Ratio Lower Upper

75 100

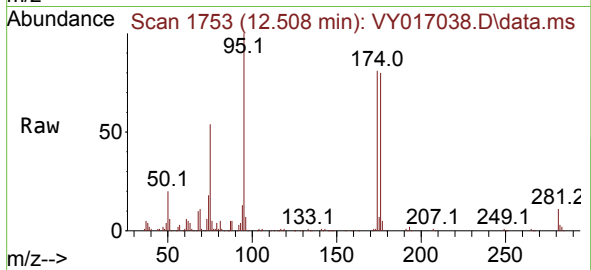
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.759 ug/l
 RT: 12.508 min Scan# 11
 Delta R.T. 0.123 min
 Lab File: VY017038.D
 Acq: 18 Jan 2024 14:33

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 30328
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

