

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018471.D
 Acq On : 04 Jun 2024 18:10
 Operator : SY/MD
 Sample : P2701-03
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:29:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

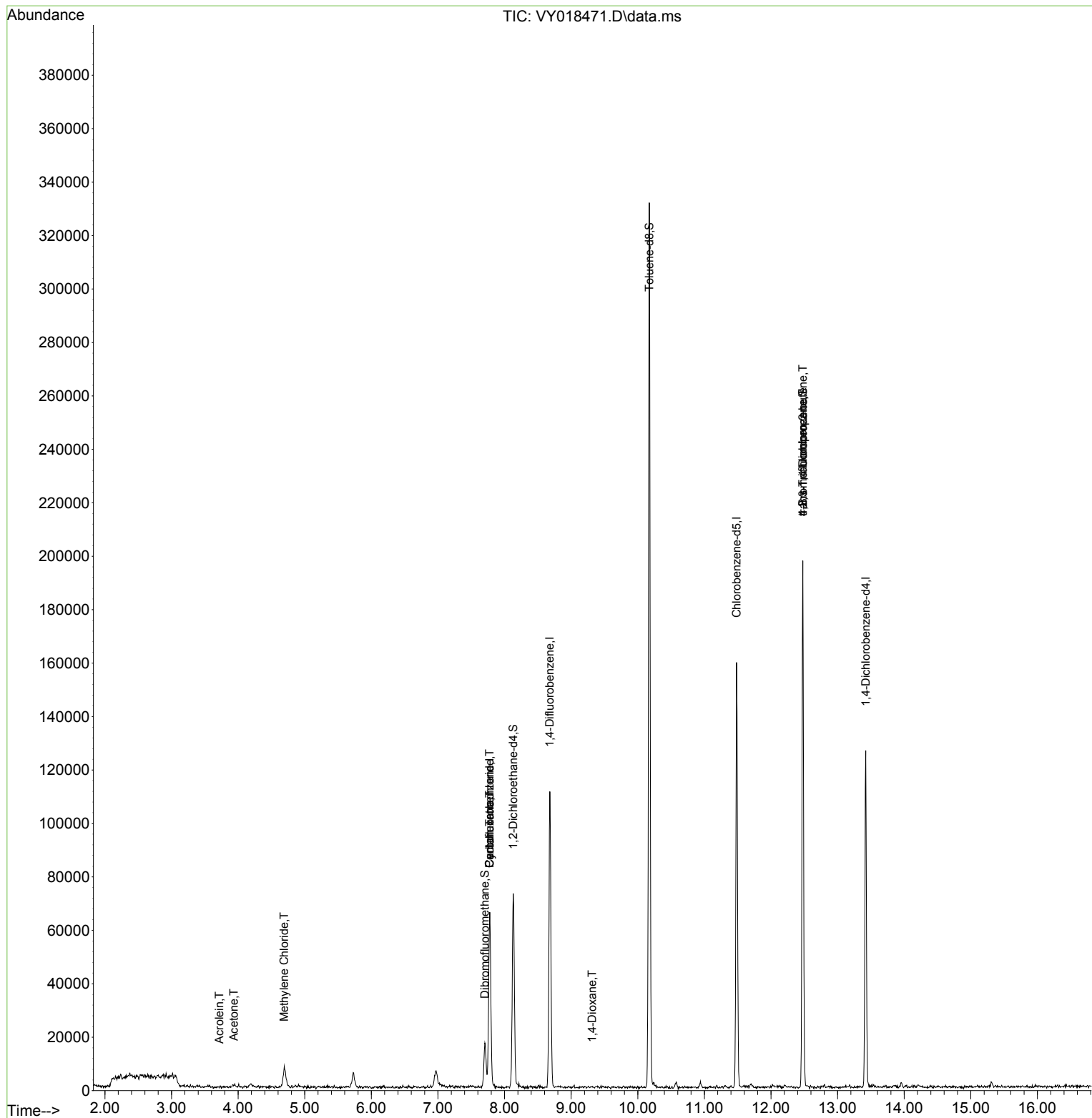
Internal Standards						
1) Pentafluorobenzene	7.777	168	45619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	91661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	81015	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	29644	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	51955	57.993	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.980%			
35) Dibromofluoromethane	7.704	113	11326	9.744	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 19.480%#			
50) Toluene-d8	10.173	98	203120	43.927	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 87.860%			
62) 4-Bromofluorobenzene	12.477	95	56414	39.184	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 78.360%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.918	59	216	Below Cal	#	88
13) Acrolein	3.717	56	116	1.265	ug/l #	75
16) Acetone	3.936	43	1664	8.368	ug/l #	75
20) Methylene Chloride	4.692	84	4931	1.575	ug/l #	94
31) Cyclohexane	7.777	56	1831	1.096	ug/l #	49
38) Carbon Tetrachloride	7.777	117	5259	2.961	ug/l #	16
49) 1,4-Dioxane	9.313	88	32	3.500	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	32486	88.376	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32486	185.672	ug/l #	16

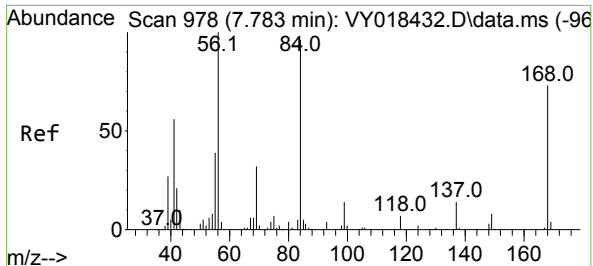
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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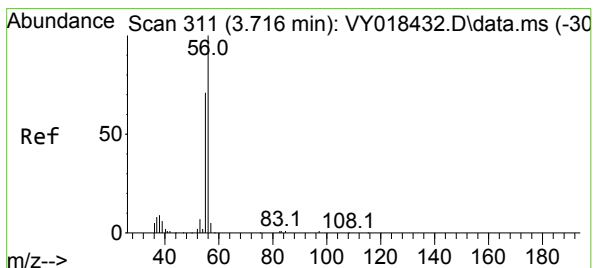
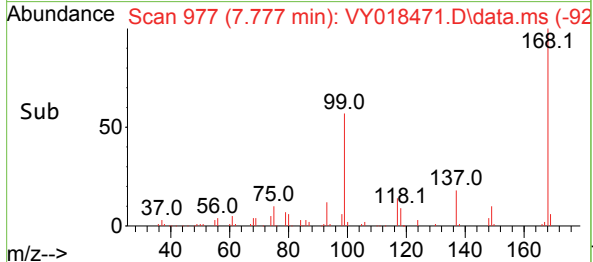
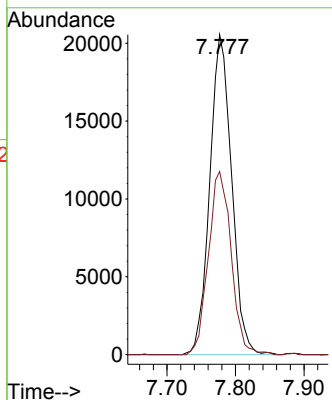
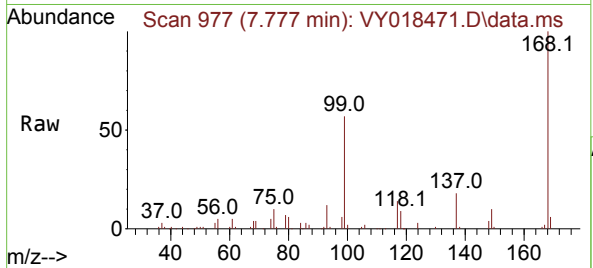




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

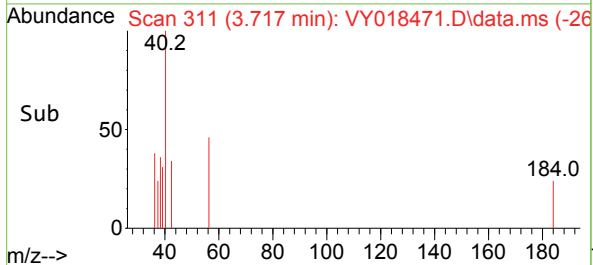
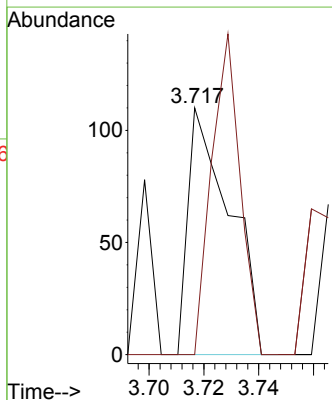
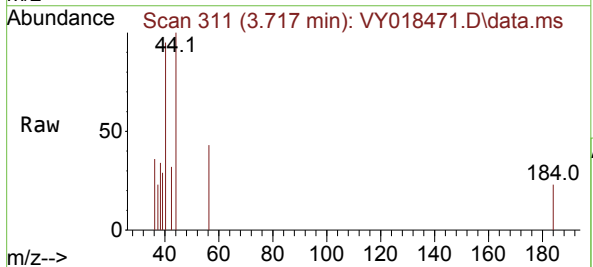
Instrument :
MSVOA_Y
ClientSampleId :

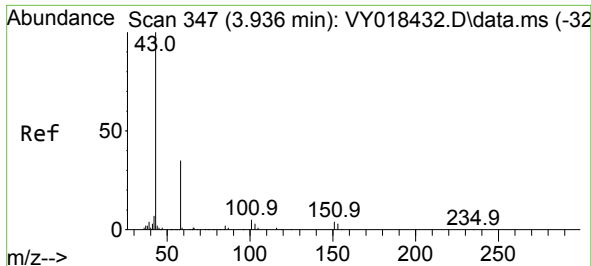
Tgt Ion:168 Resp: 45619
Ion Ratio Lower Upper
168 100
99 57.2 39.1 58.7



#13
Acrolein
Concen: 1.265 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 89.7 55.7 83.5#

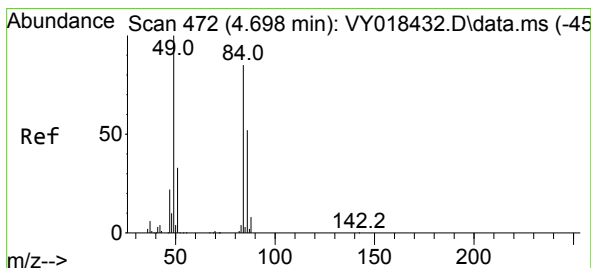
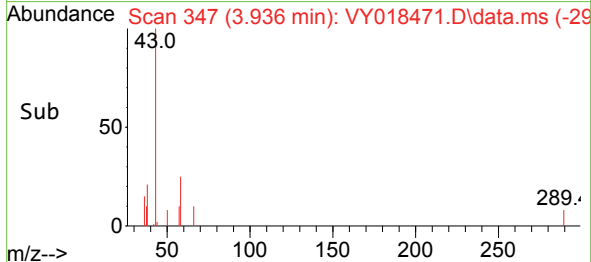
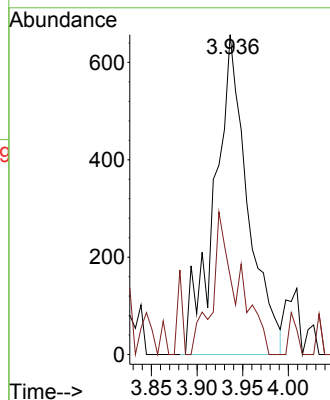
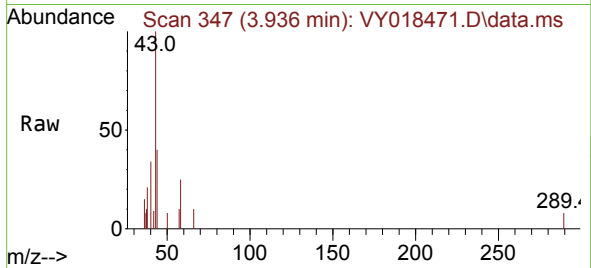




#16
Acetone
Concen: 8.368 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

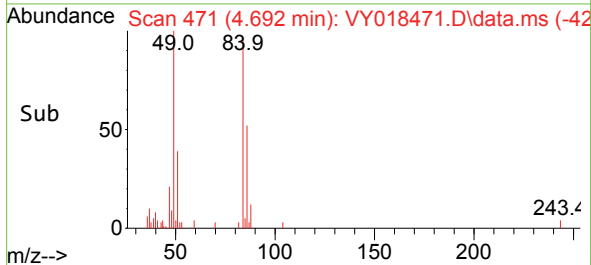
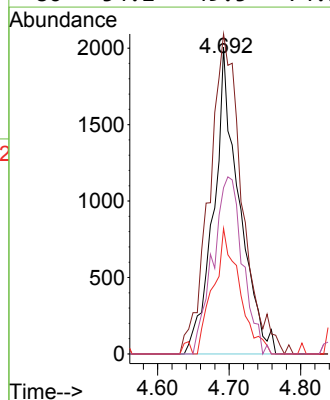
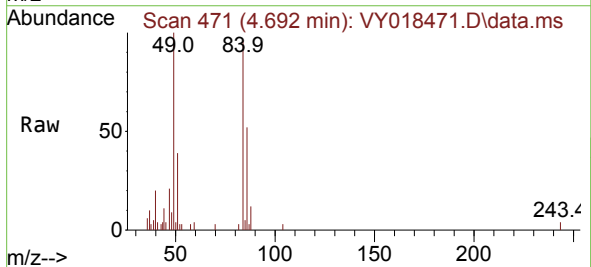
Instrument :
MSVOA_Y
ClientSampleId :

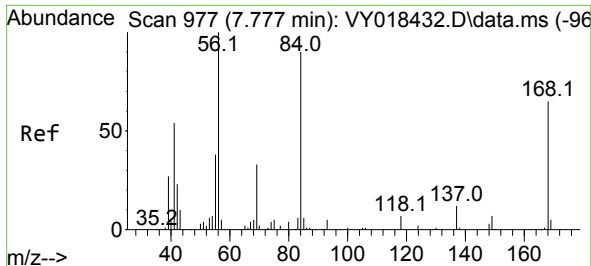
Tgt Ion: 43 Resp: 1664
Ion Ratio Lower Upper
43 100
58 24.5 31.7 47.5#



#20
Methylene Chloride
Concen: 1.575 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

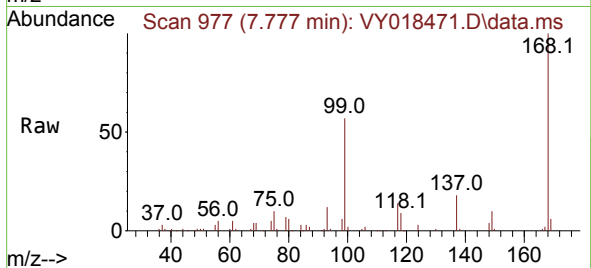
Tgt Ion: 84 Resp: 4931
Ion Ratio Lower Upper
84 100
49 104.3 84.4 126.6
51 40.9 26.0 39.0#
86 54.2 49.5 74.3



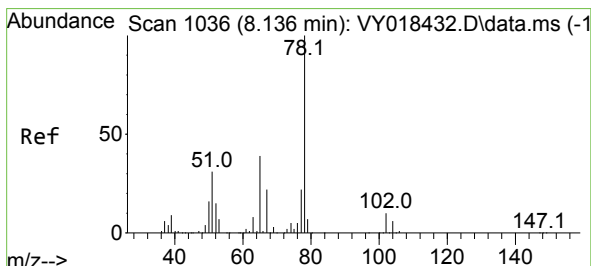
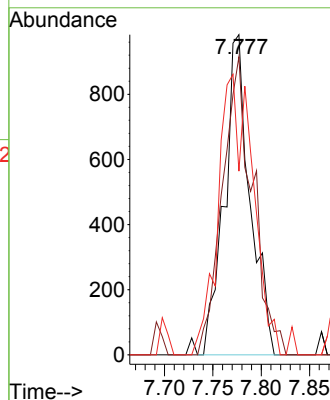
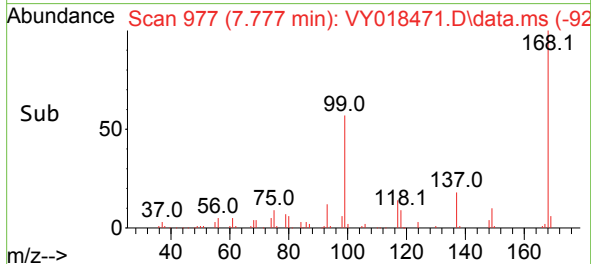


#31
Cyclohexane
Concen: 1.096 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

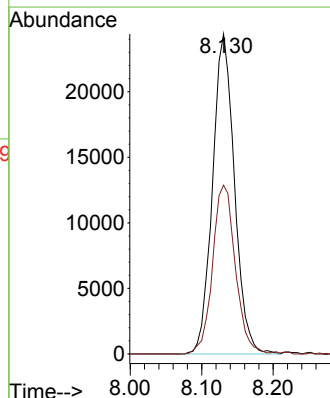
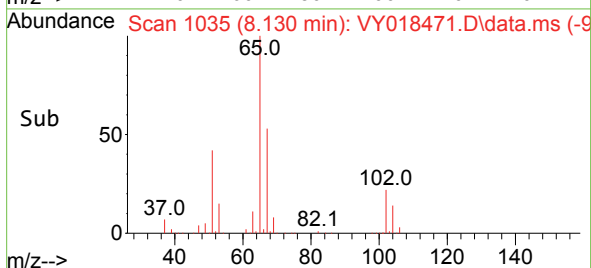
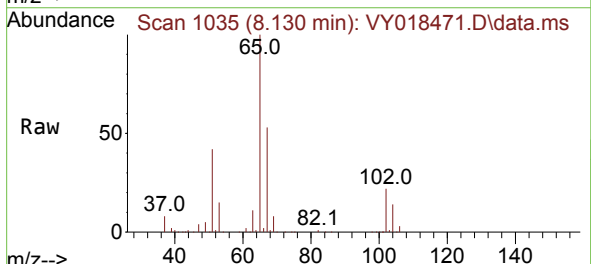


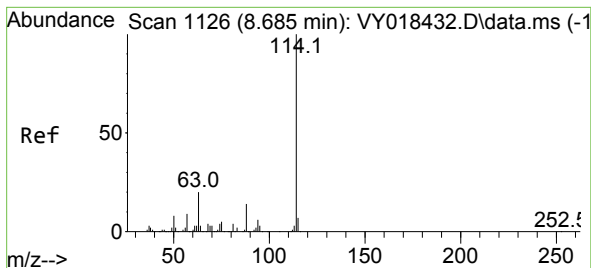
Tgt Ion: 56 Resp: 1831
Ion Ratio Lower Upper
56 100
69 93.1 28.7 43.1#
84 64.2 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.993 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion: 65 Resp: 51955
Ion Ratio Lower Upper
65 100
67 54.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

Instrument :

MSVOA_Y

ClientSampleId :

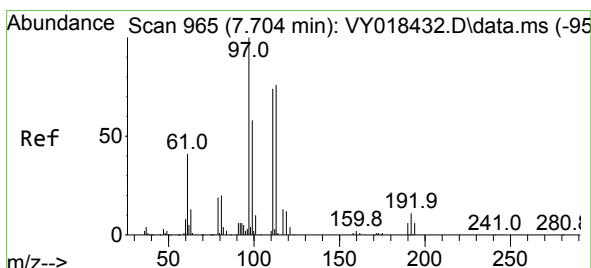
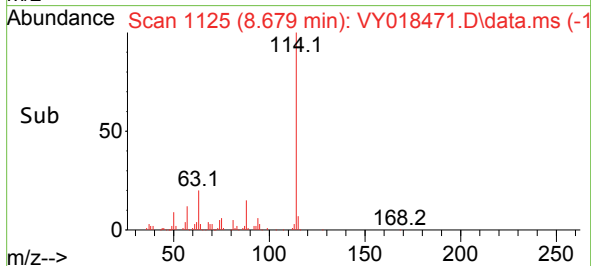
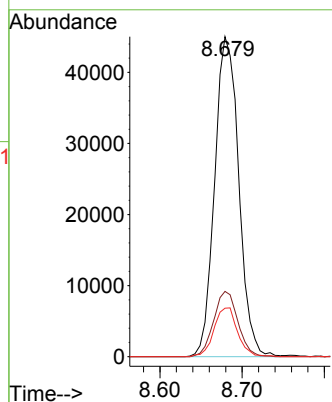
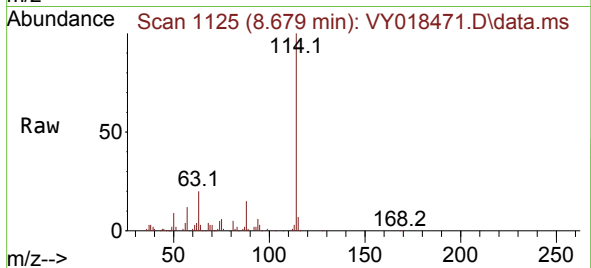
Tgt Ion:114 Resp: 91661

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

88 15.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 9.744 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

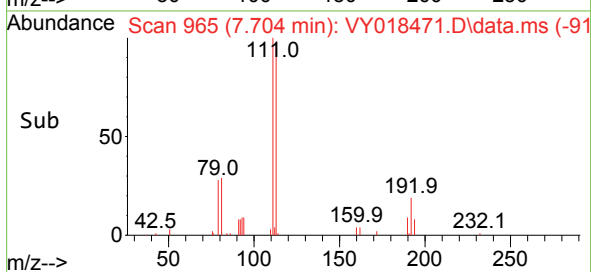
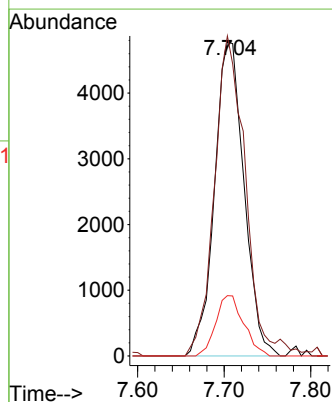
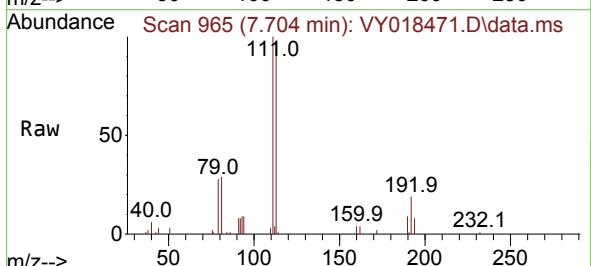
Tgt Ion:113 Resp: 11326

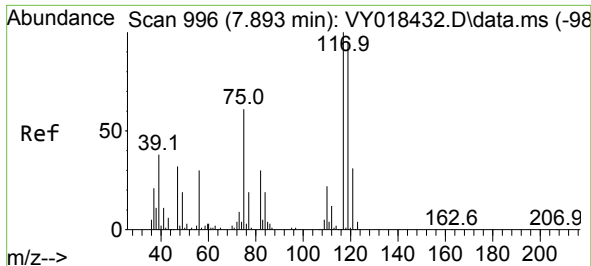
Ion Ratio Lower Upper

113 100

111 106.6 82.2 123.4

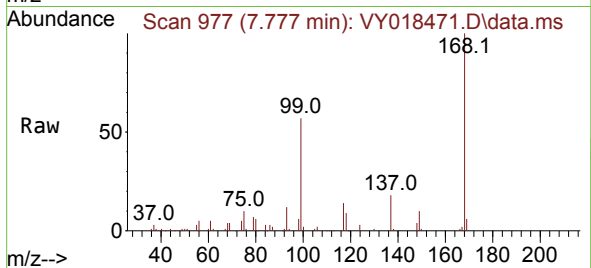
192 18.1 15.9 23.9



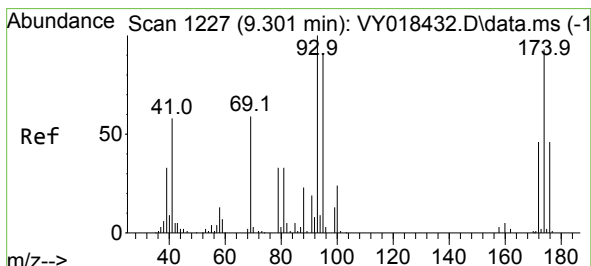
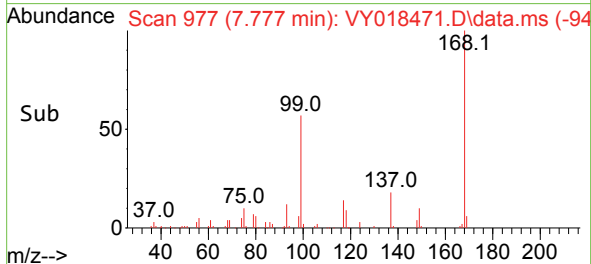
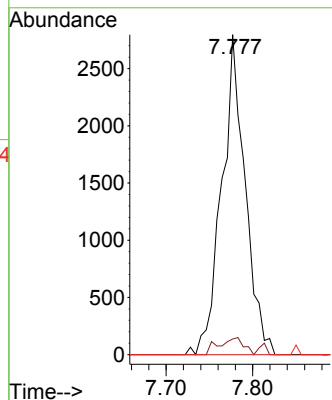


#38
Carbon Tetrachloride
Concen: 2.961 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

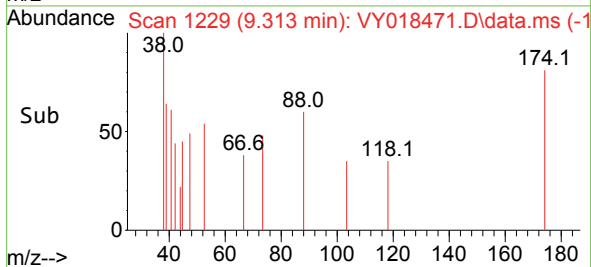
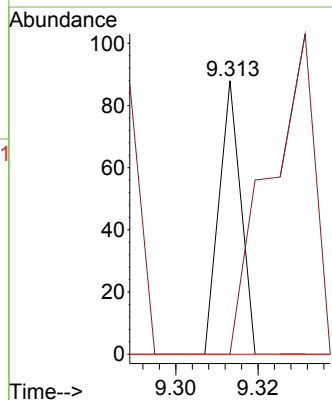
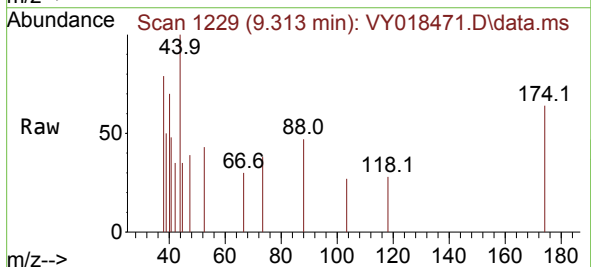


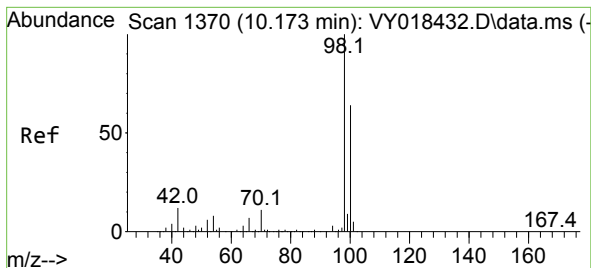
Tgt Ion:117 Resp: 5259
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.500 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 246.9 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 43.927 ug/l

RT: 10.173 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

Instrument :

MSVOA_Y

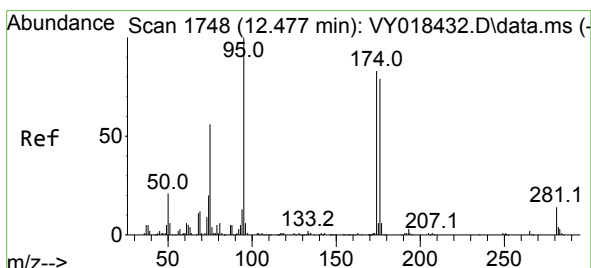
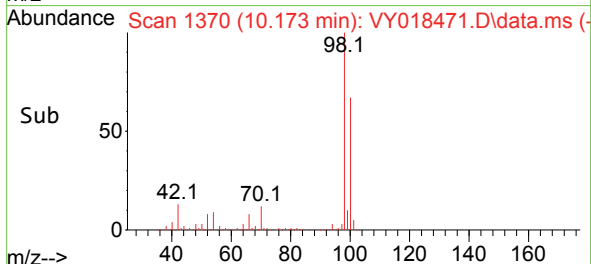
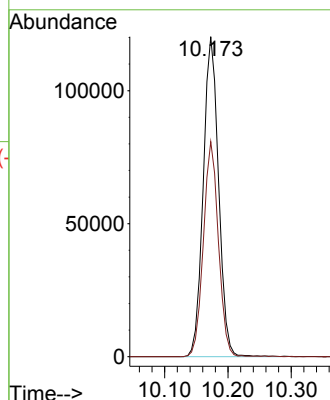
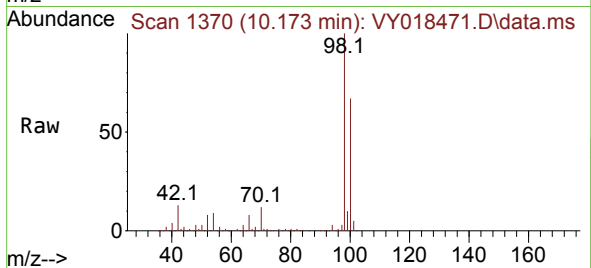
ClientSampleId :

Tgt Ion: 98 Resp: 203120

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 39.184 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018471.D

Acq: 04 Jun 2024 18:10

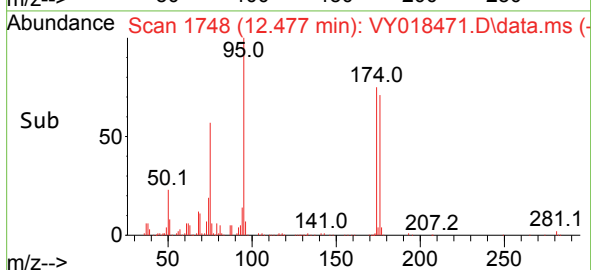
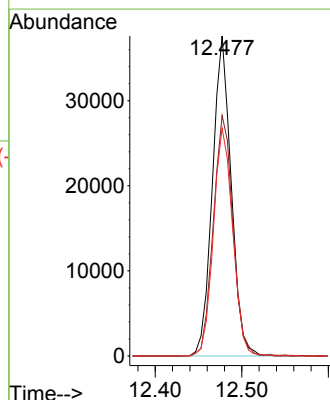
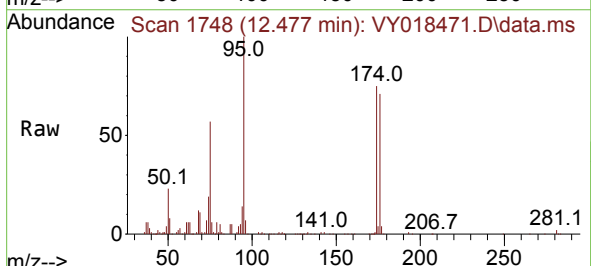
Tgt Ion: 95 Resp: 56414

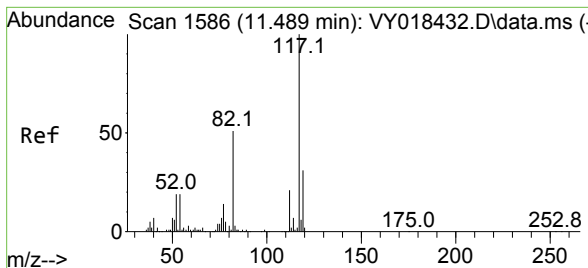
Ion Ratio Lower Upper

95 100

174 78.7 0.0 175.6

176 73.6 0.0 171.4

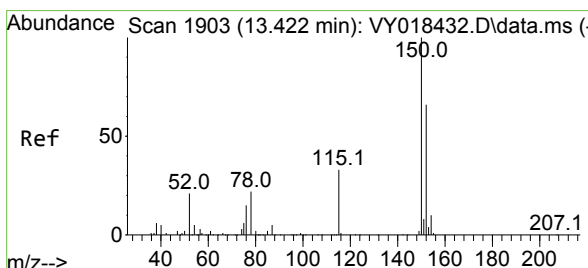
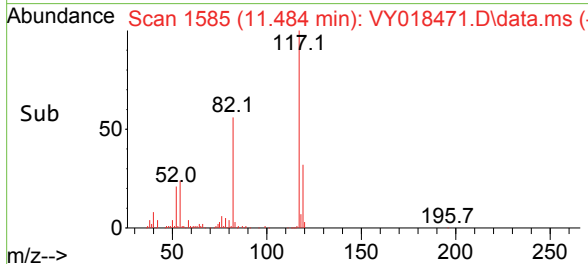
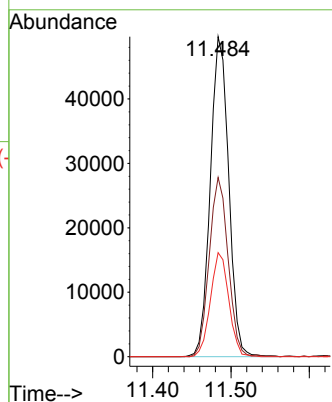
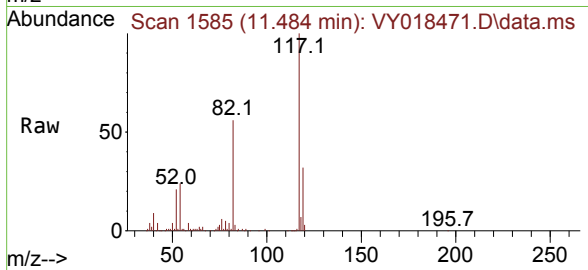




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.484 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

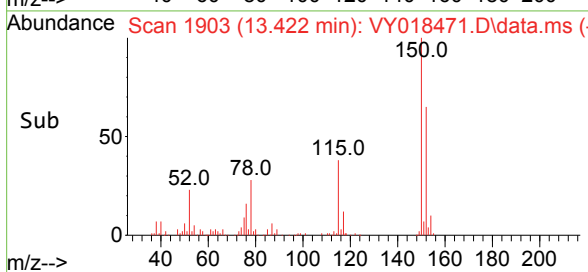
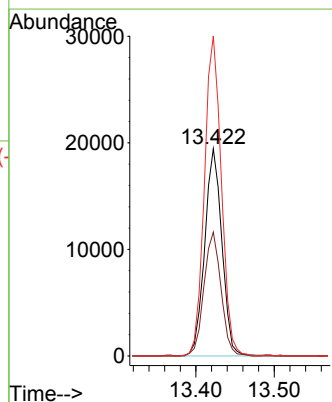
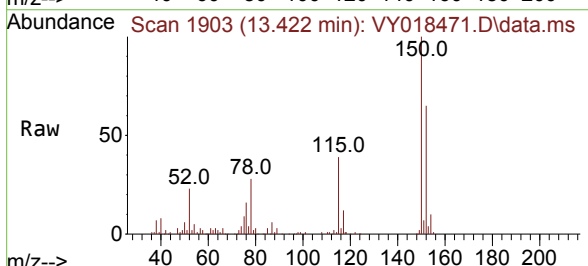
Instrument :
MSVOA_Y
ClientSampleId :

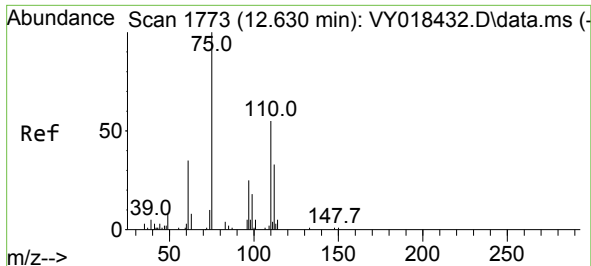
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	42.4	63.6
119	32.5	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.2	84.7
150	151.7	0.0	345.6

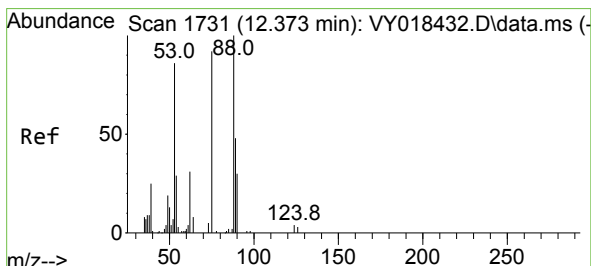
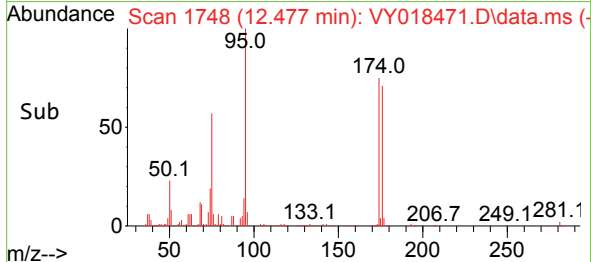
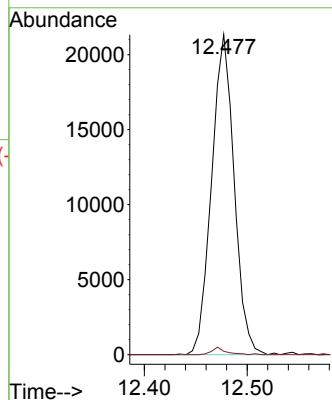
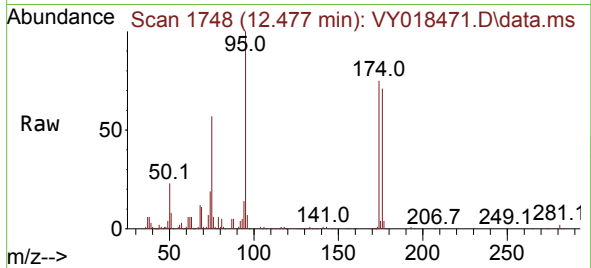




#76
1,2,3-Trichloropropane
Concen: 88.376 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32486
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 185.672 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018471.D
Acq: 04 Jun 2024 18:10

Tgt Ion: 75 Resp: 32486
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.0 35.8 53.6#

