

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060724\
 Data File : VY018536.D
 Acq On : 07 Jun 2024 18:57
 Operator : SY/MD
 Sample : P2794-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 23:19:20 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)

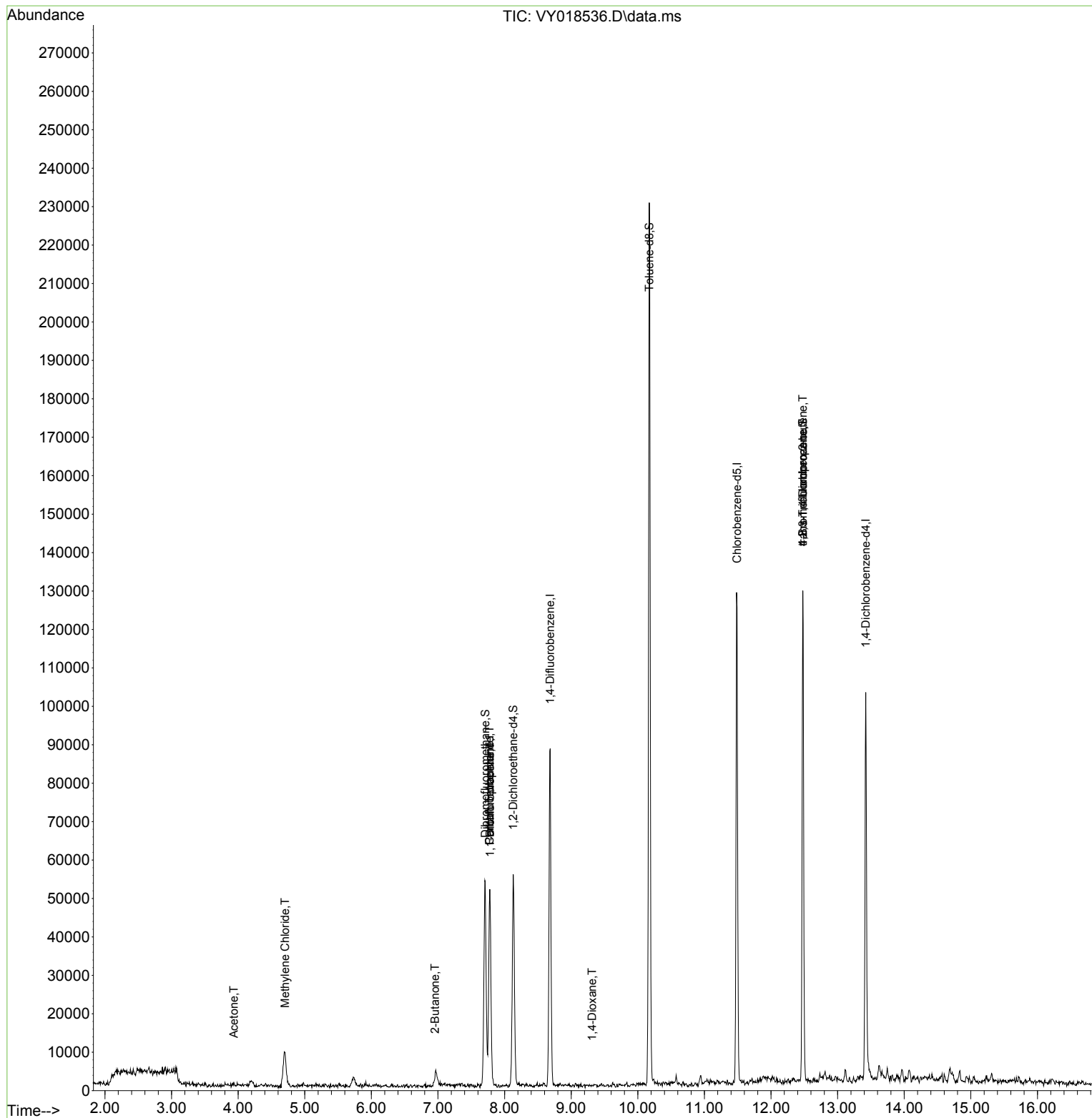
Internal Standards						
1) Pentafluorobenzene	7.777	168	35114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	68284	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	64110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	22938	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	39276	56.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.920%
35) Dibromofluoromethane	7.710	113	36008	41.585	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.180%
50) Toluene-d8	10.173	98	141576	41.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.200%
62) 4-Bromofluorobenzene	12.477	95	37137	34.626	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	169	Below Cal	#	88
16) Acetone	3.936	43	829	5.416	ug/l #	84
20) Methylene Chloride	4.704	84	6187	4.372	ug/l	91
25) 2-Butanone	6.954	43	398	1.697	ug/l #	41
36) 1,1-Dichloropropene	7.783	75	3842	2.910	ug/l #	48
38) Carbon Tetrachloride	7.777	117	3878	2.931	ug/l #	17
49) 1,4-Dioxane	9.313	88	24	3.523	ug/l #	20
76) 1,2,3-Trichloropropane	12.477	75	21225	74.622	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	21225	156.776	ug/l #	17

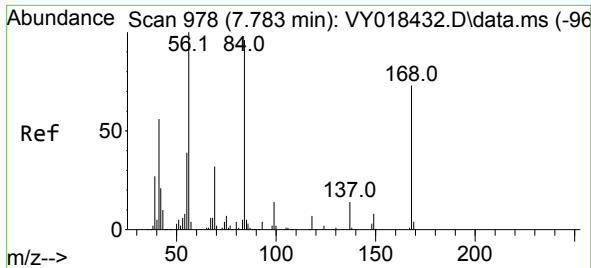
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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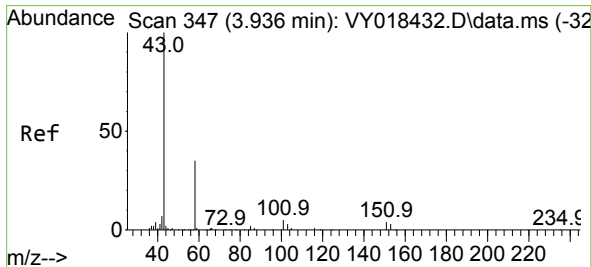
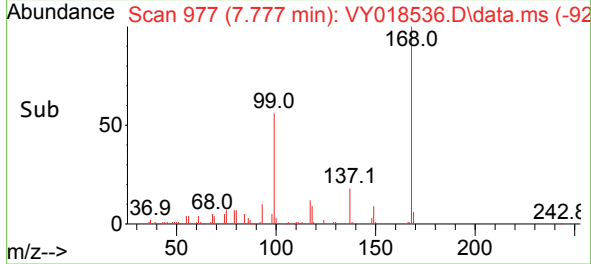
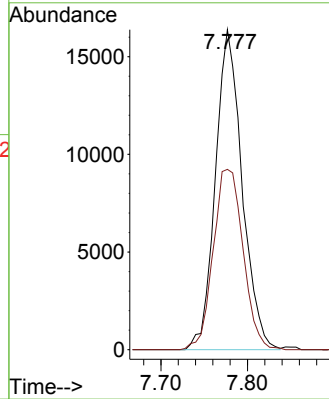
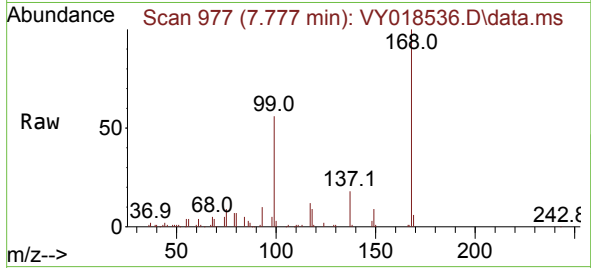




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

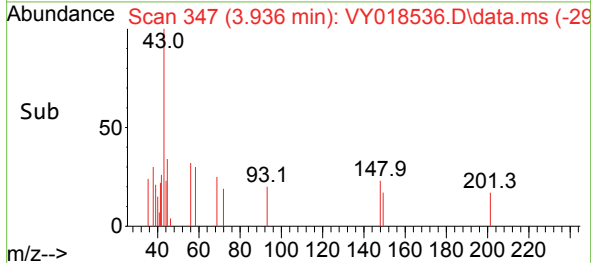
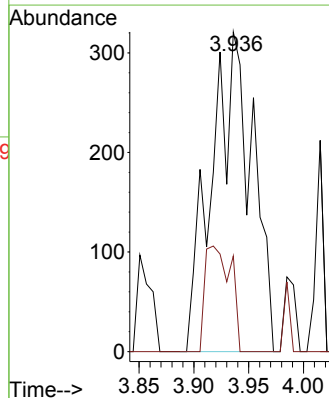
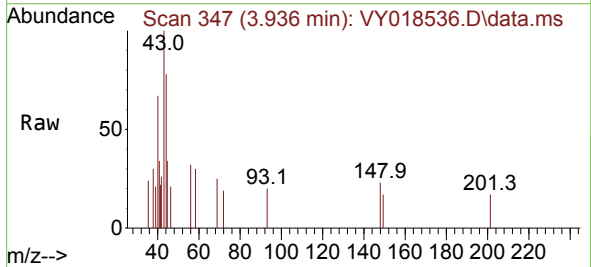
Instrument :
MSVOA_Y
ClientSampleId :

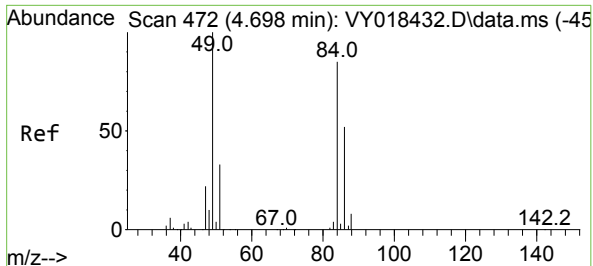
Tgt Ion:168 Resp: 35114
Ion Ratio Lower Upper
168 100
99 56.3 39.1 58.7



#16
Acetone
Concen: 5.416 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 29.9 31.7 47.5#

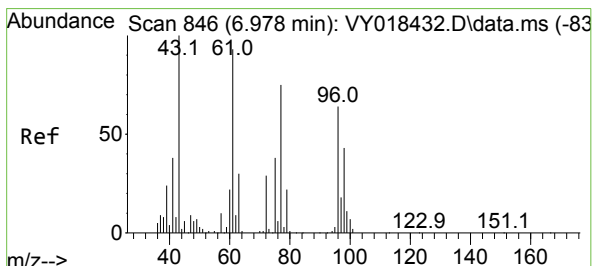
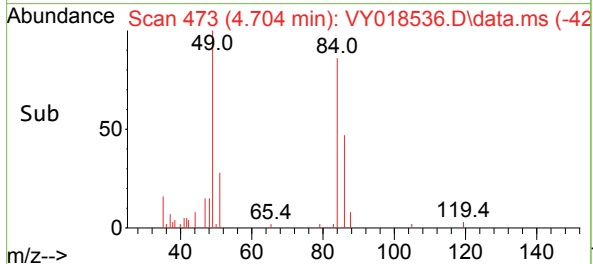
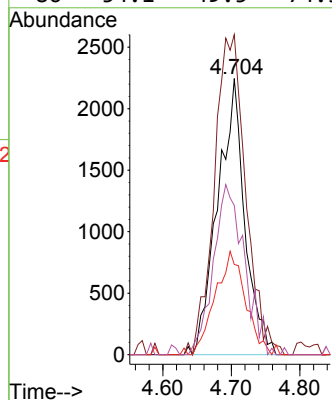
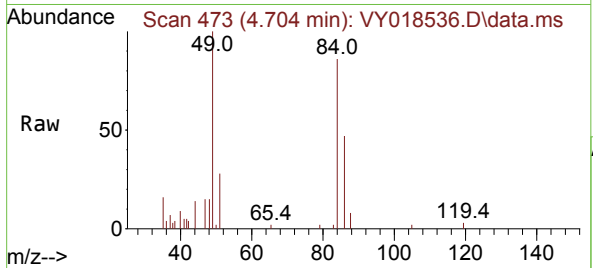




#20
Methylene Chloride
Concen: 4.372 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

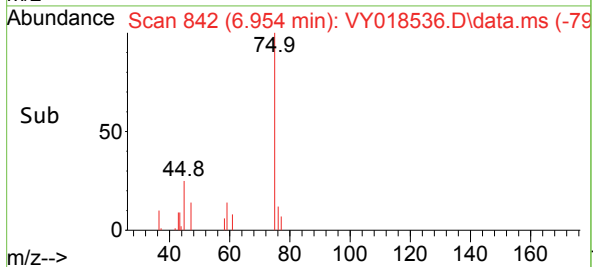
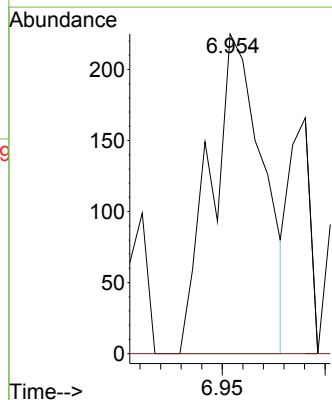
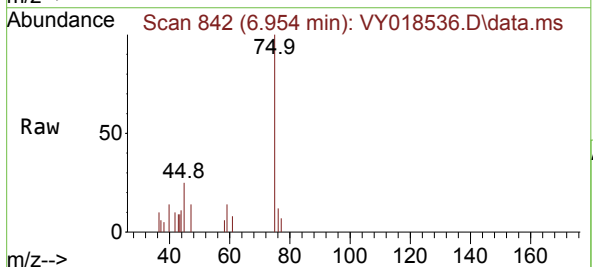
Instrument :
MSVOA_Y
ClientSampleId :

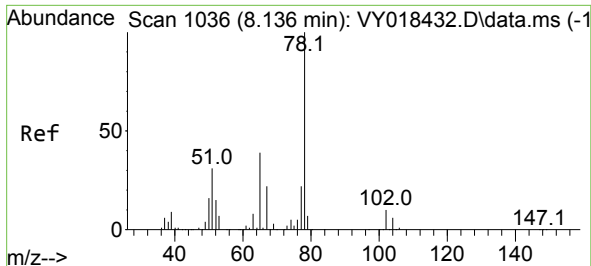
Tgt Ion: 84 Resp: 6187
Ion Ratio Lower Upper
84 100
49 115.9 84.4 126.6
51 32.7 26.0 39.0
86 54.1 49.5 74.3



#25
2-Butanone
Concen: 1.697 ug/l
RT: 6.954 min Scan# 842
Delta R.T. -0.024 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 43 Resp: 398
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#





#33

1,2-Dichloroethane-d4

Concen: 56.956 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018536.D

Acq: 07 Jun 2024 18:57

Instrument :

MSVOA_Y

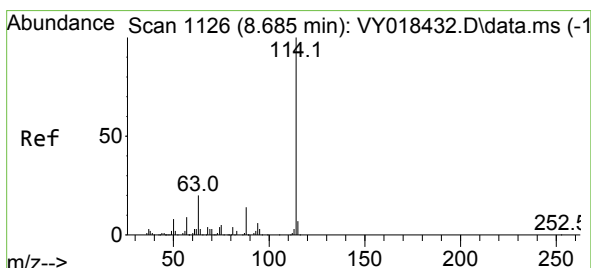
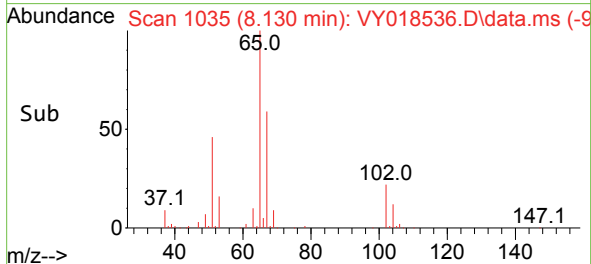
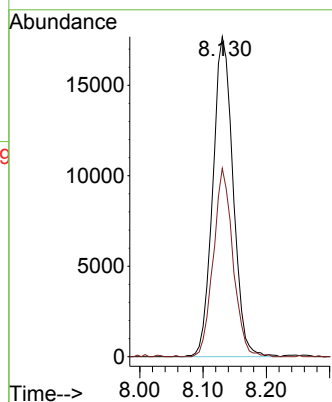
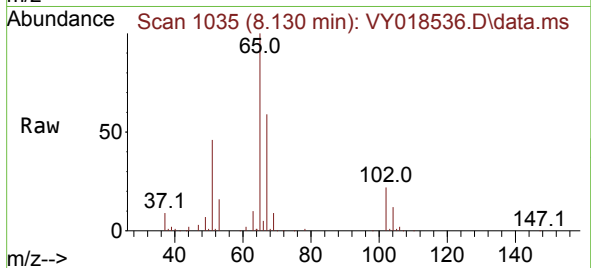
ClientSampleId :

Tgt Ion: 65 Resp: 39276

Ion Ratio Lower Upper

65 100

67 57.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY018536.D

Acq: 07 Jun 2024 18:57

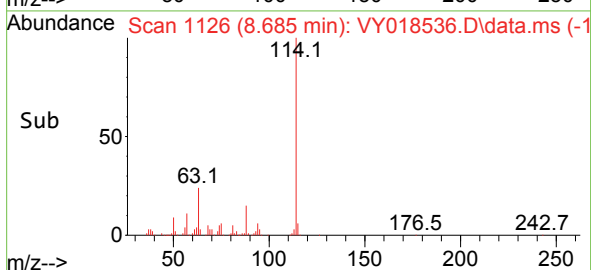
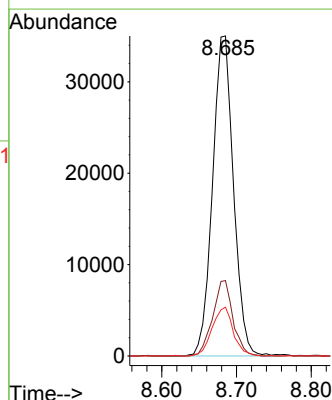
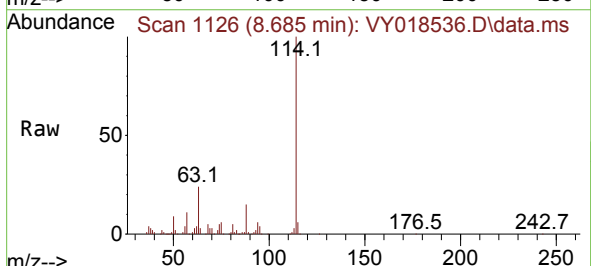
Tgt Ion: 114 Resp: 68284

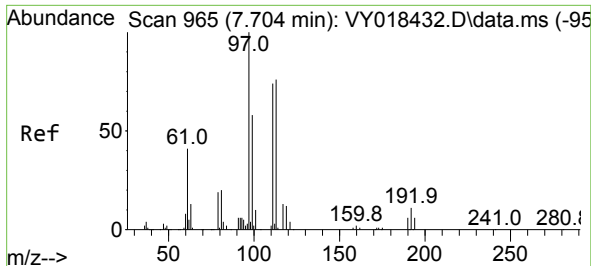
Ion Ratio Lower Upper

114 100

63 23.6 0.0 35.0

88 15.2 0.0 27.2

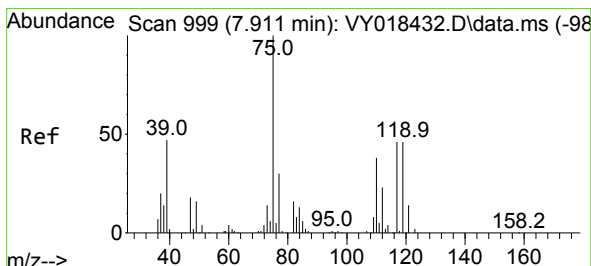
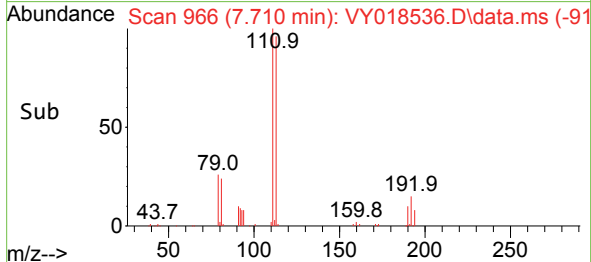
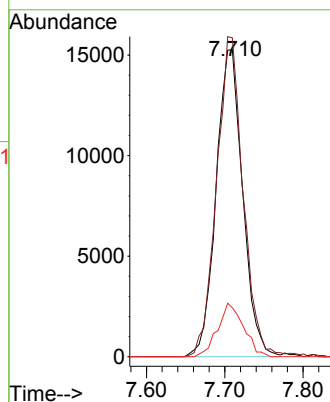
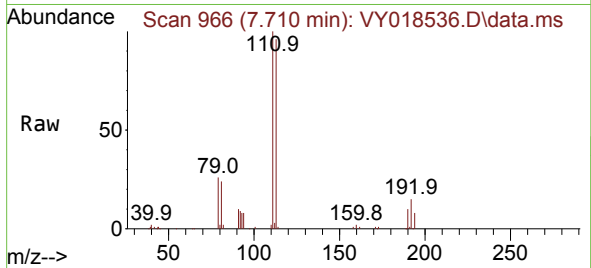




#35
Dibromofluoromethane
Concen: 41.585 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

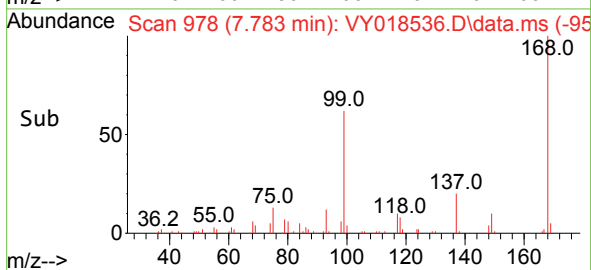
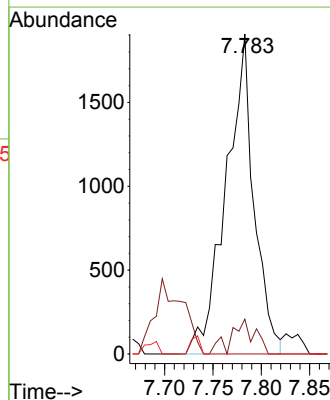
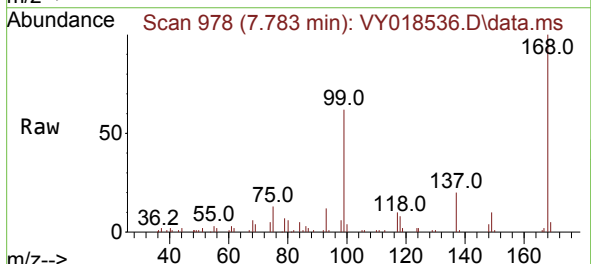
Instrument :
MSVOA_Y
ClientSampleId :

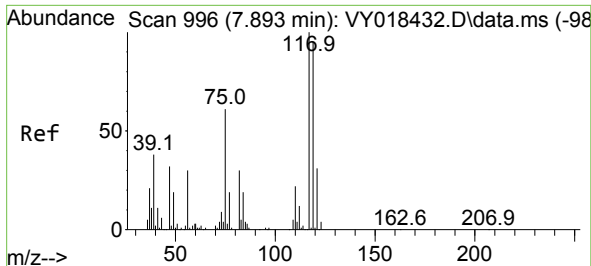
Tgt Ion:113 Resp: 36008
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 17.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.910 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 75 Resp: 3842
Ion Ratio Lower Upper
75 100
110 9.3 19.0 57.0#
77 0.0 25.3 37.9#

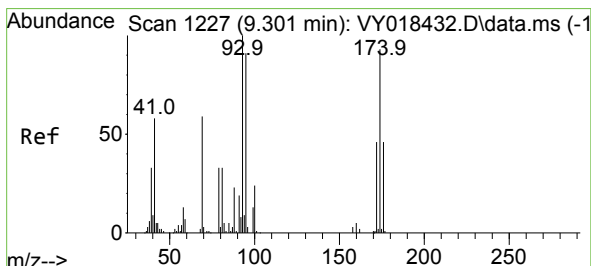
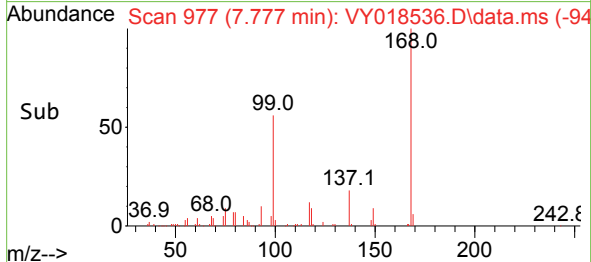
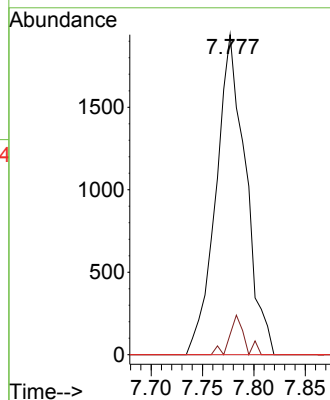
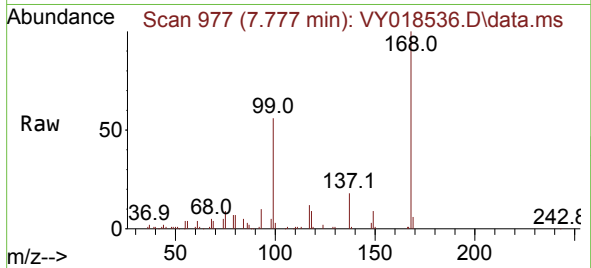




#38
Carbon Tetrachloride
Concen: 2.931 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

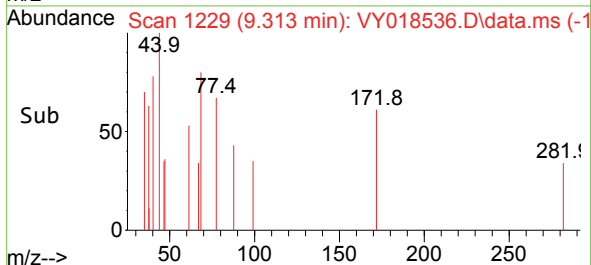
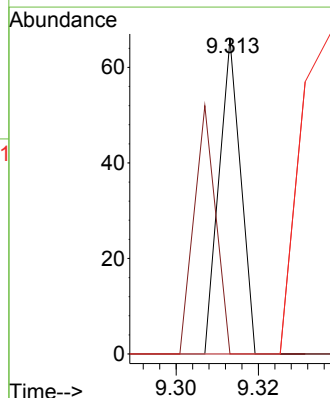
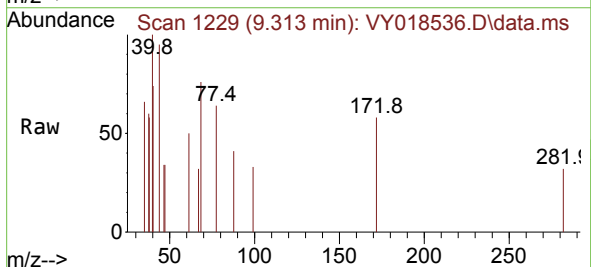
Instrument :
MSVOA_Y
ClientSampleId :

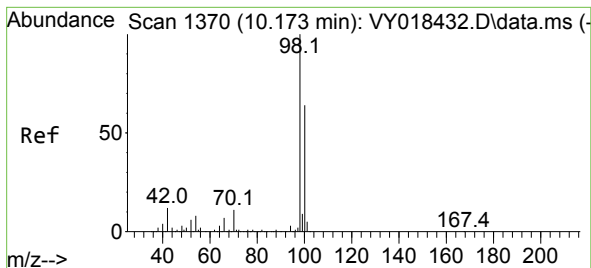
Tgt Ion:117 Resp: 3878
Ion Ratio Lower Upper
117 100
119 6.3 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 3.523 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 88 Resp: 24
Ion Ratio Lower Upper
88 100
43 79.2 0.0 0.0#
58 0.0 49.3 73.9#

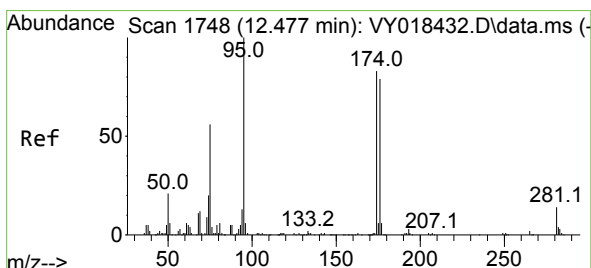
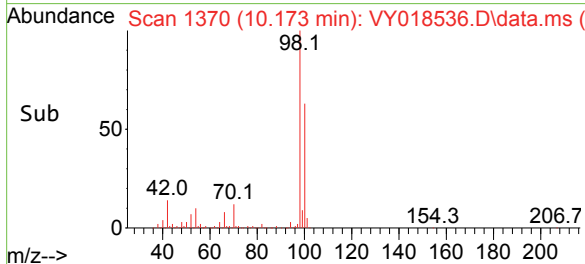
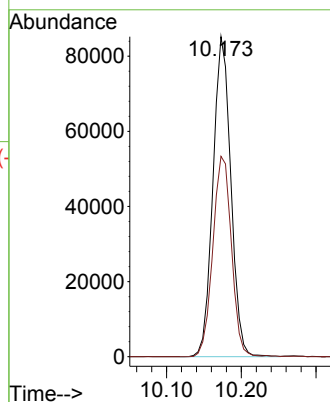
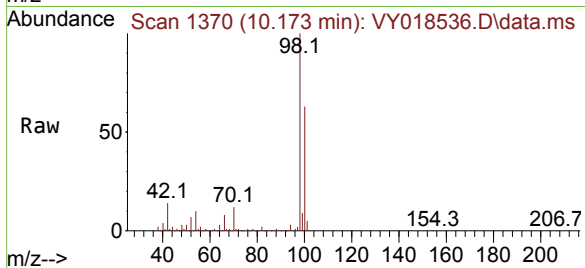




#50
Toluene-d8
Concen: 41.099 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

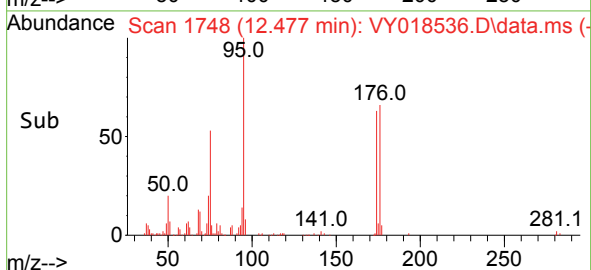
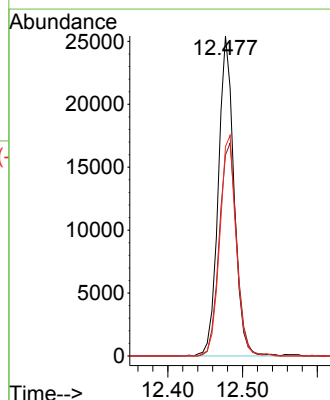
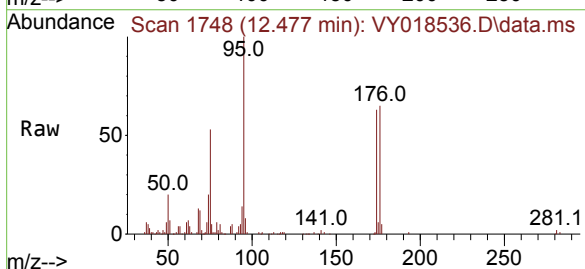
Instrument :
MSVOA_Y
ClientSampleId :

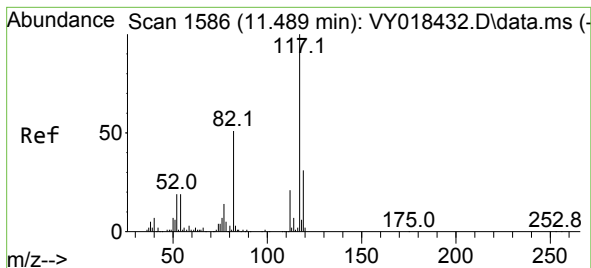
Tgt Ion: 98 Resp: 141576
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.626 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 95 Resp: 37137
Ion Ratio Lower Upper
95 100
174 73.6 0.0 175.6
176 71.9 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

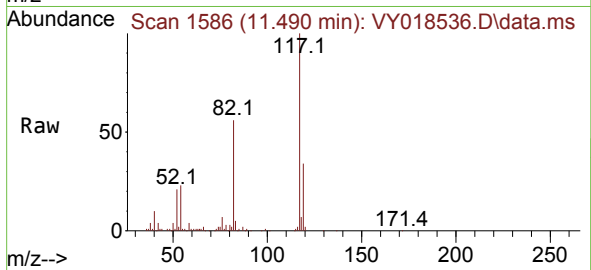
Lab File: VY018536.D

Acq: 07 Jun 2024 18:57

Instrument :

MSVOA_Y

ClientSampleId :



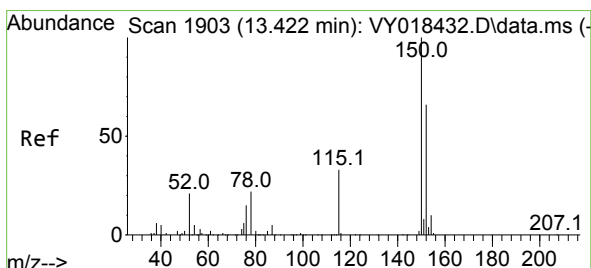
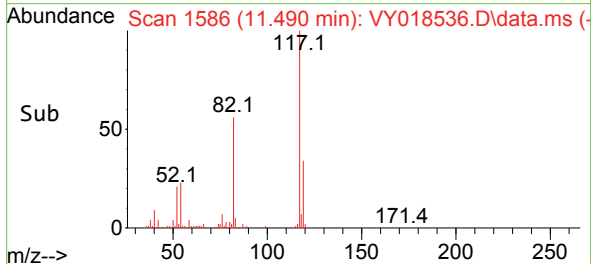
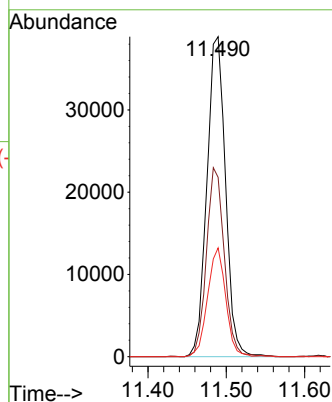
Tgt Ion:117 Resp: 64110

Ion Ratio Lower Upper

117 100

82 56.1 42.4 63.6

119 34.0 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: VY018536.D

Acq: 07 Jun 2024 18:57

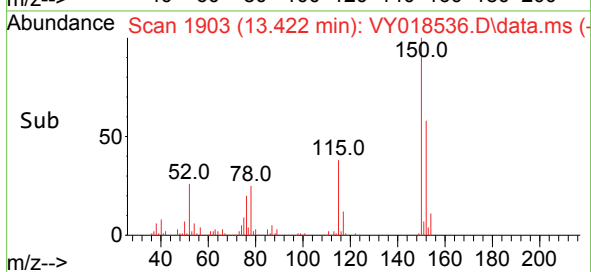
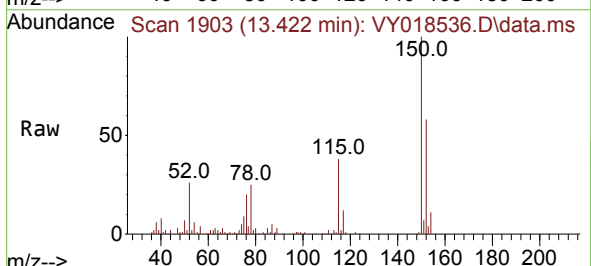
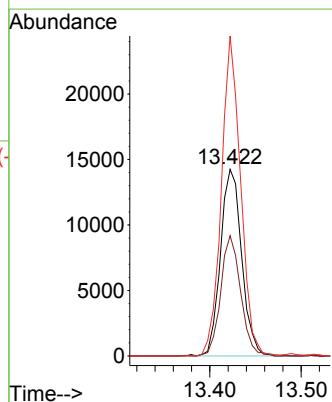
Tgt Ion:152 Resp: 22938

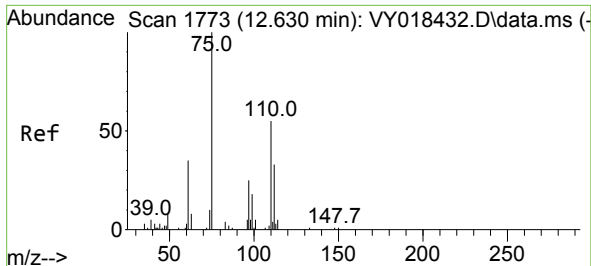
Ion Ratio Lower Upper

152 100

115 60.8 28.2 84.7

150 156.0 0.0 345.6

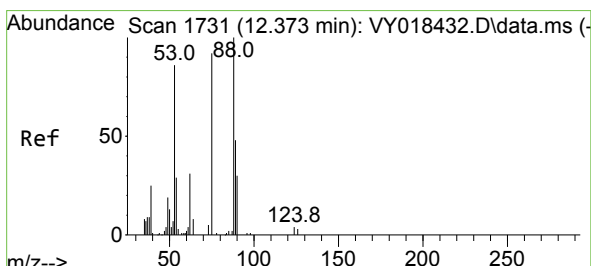
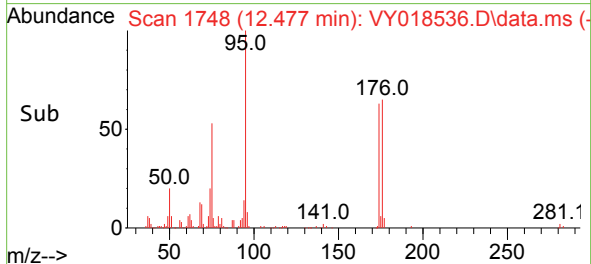
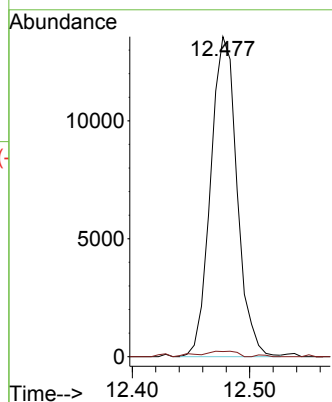
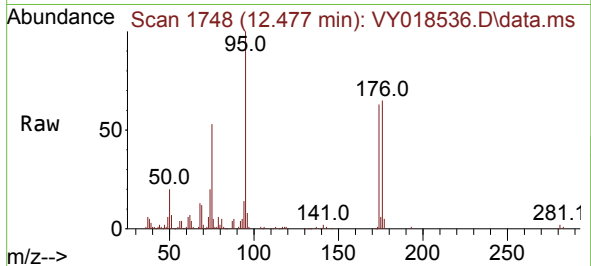




#76
1,2,3-Trichloropropane
Concen: 74.622 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 21225
Ion Ratio Lower Upper
75 100
77 2.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 156.776 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018536.D
Acq: 07 Jun 2024 18:57

Tgt Ion: 75 Resp: 21225
Ion Ratio Lower Upper
75 100
53 0.8 66.8 100.2#
89 0.1 35.8 53.6#

