

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018543.D
 Acq On : 10 Jun 2024 12:12
 Operator : SY/MD
 Sample : P2796-01
 Misc : 4.21g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 11 01:53:55 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)

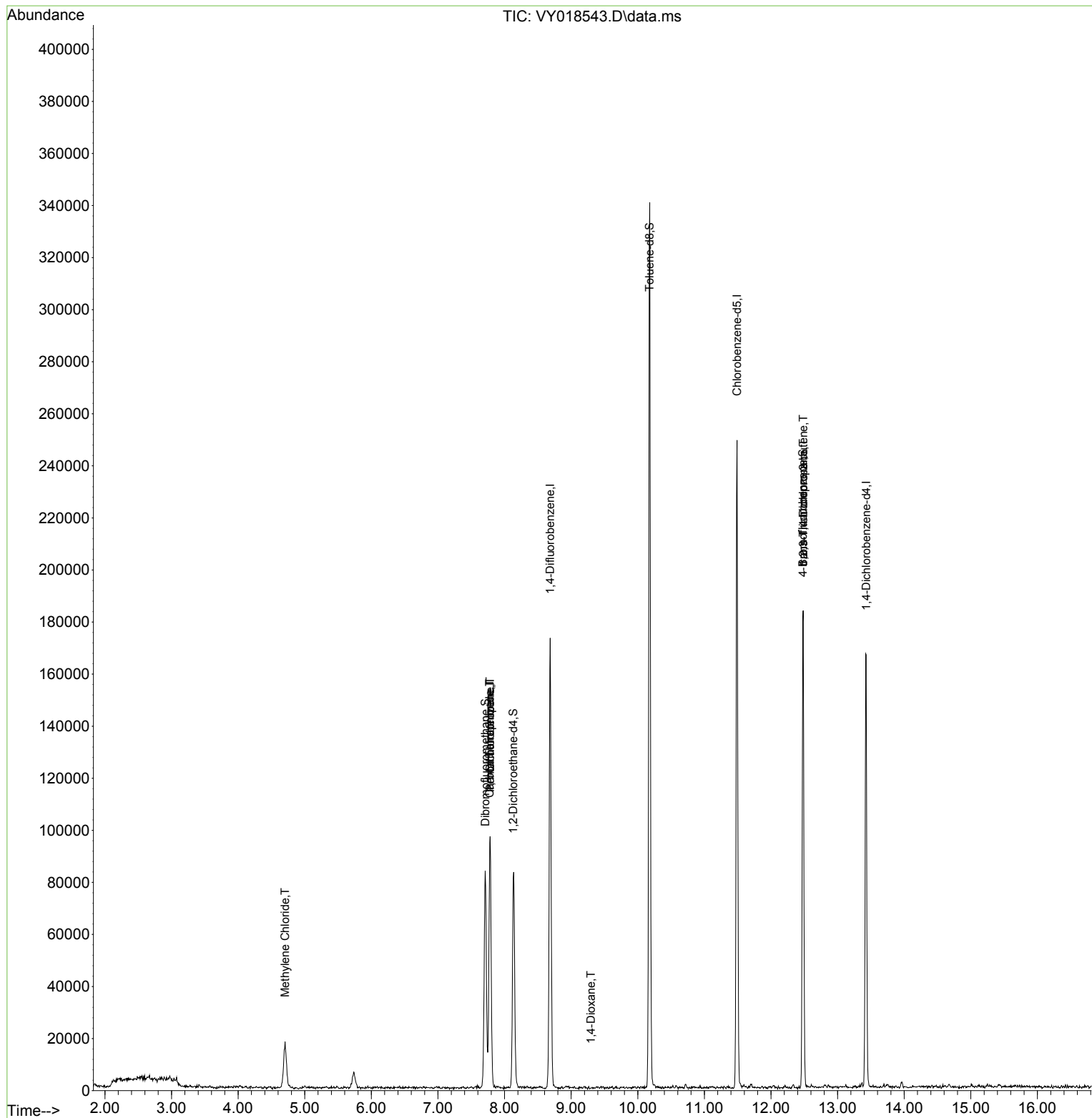
Internal Standards						
1) Pentafluorobenzene	7.783	168	67351	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	139361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	128510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	60936	46.071	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.140%
35) Dibromofluoromethane	7.710	113	56726	32.100	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	64.200%
50) Toluene-d8	10.179	98	216558	30.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	61.600%
62) 4-Bromofluorobenzene	12.477	95	56880	25.985	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	51.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	21	Below Cal	#	1
20) Methylene Chloride	4.704	84	11663	4.247	ug/l #	85
36) 1,1-Dichloropropene	7.783	75	6757	2.508	ug/l #	48
38) Carbon Tetrachloride	7.777	117	7710	2.855	ug/l #	15
49) 1,4-Dioxane	9.295	88	29	2.086	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	31794	63.813	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31794	134.067	ug/l #	16

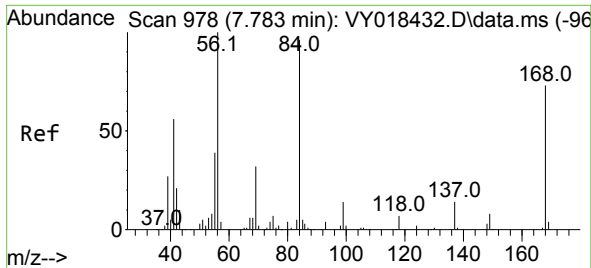
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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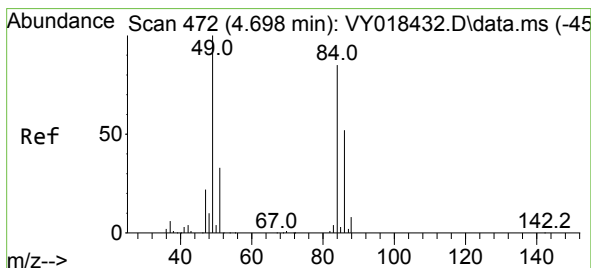
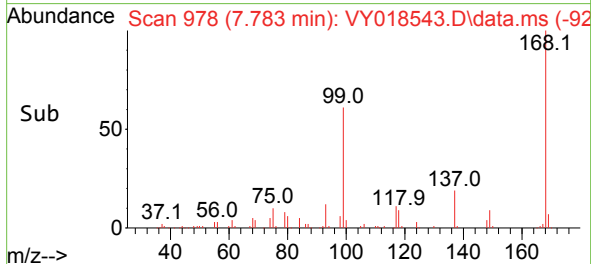
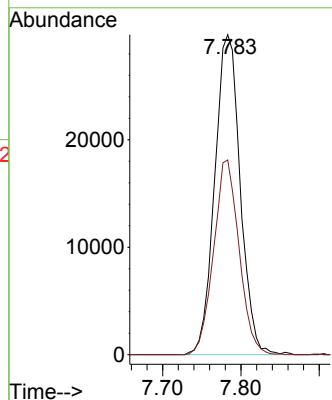
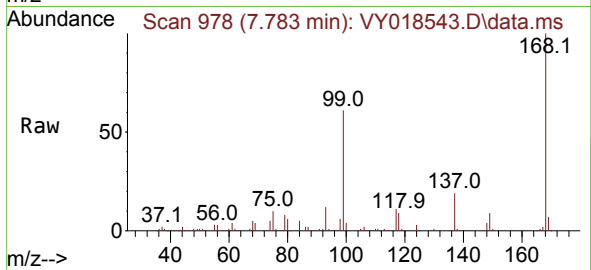




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

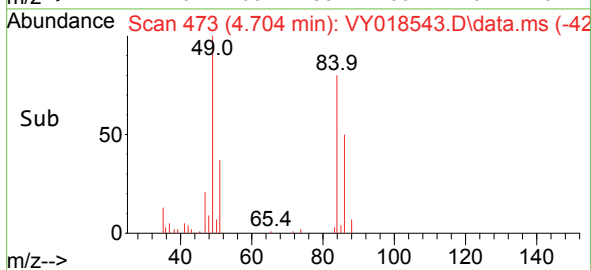
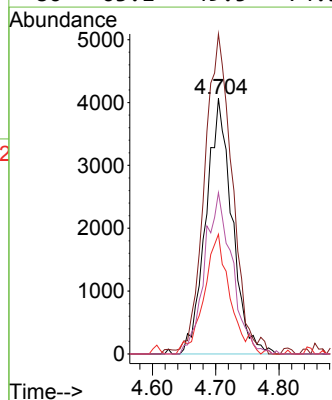
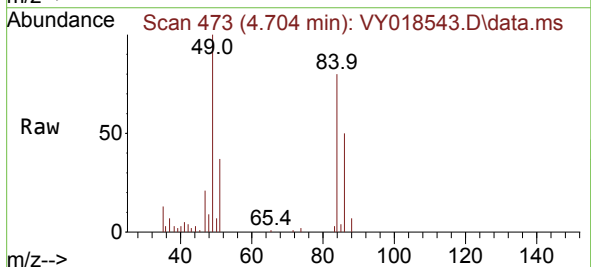
Instrument :
MSVOA_Y
ClientSampleId :

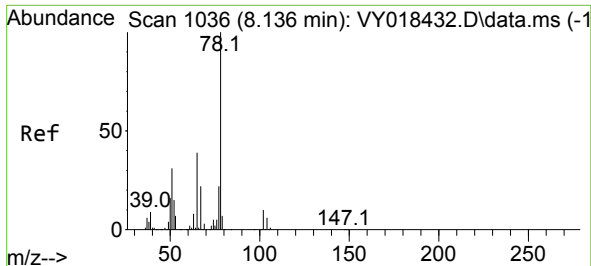
Tgt Ion:168 Resp: 67351
Ion Ratio Lower Upper
168 100
99 60.9 39.1 58.7#



#20
Methylene Chloride
Concen: 4.247 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

Tgt Ion: 84 Resp: 11663
Ion Ratio Lower Upper
84 100
49 125.3 84.4 126.6
51 46.9 26.0 39.0#
86 63.1 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 46.071 ug/l

RT: 8.130 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018543.D

Acq: 10 Jun 2024 12:12

Instrument :

MSVOA_Y

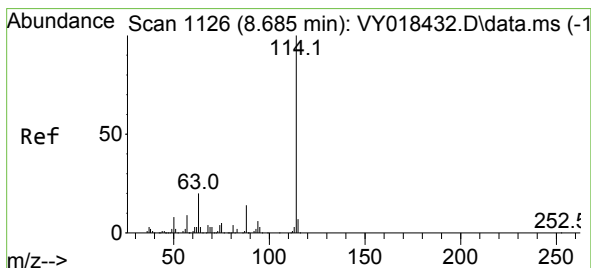
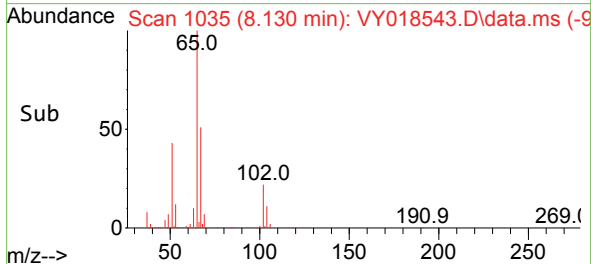
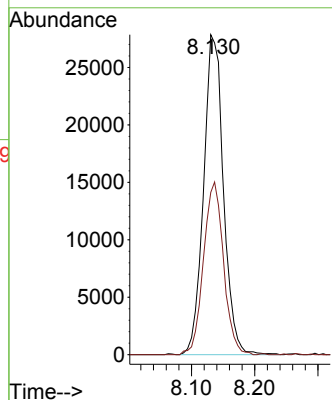
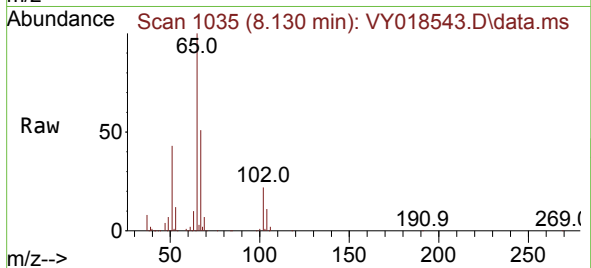
ClientSampleId :

Tgt Ion: 65 Resp: 60936

Ion Ratio Lower Upper

65 100

67 54.4 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: VY018543.D

Acq: 10 Jun 2024 12:12

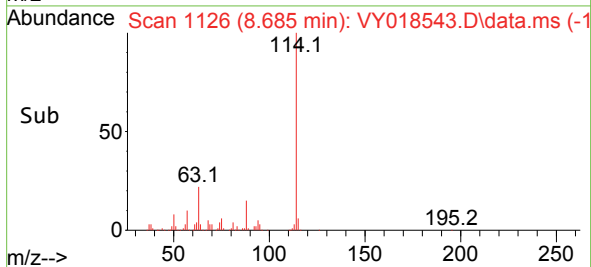
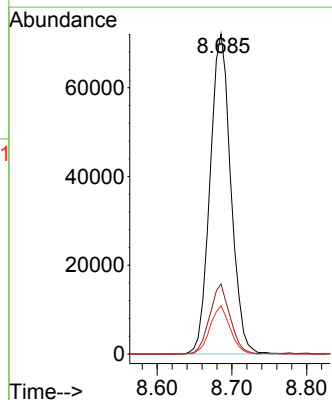
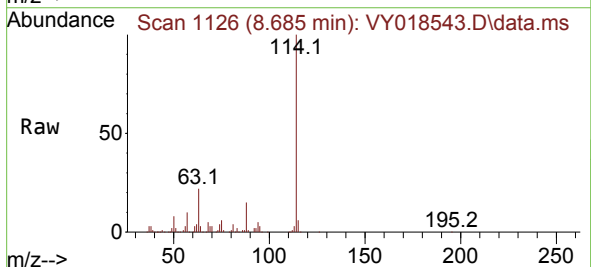
Tgt Ion: 114 Resp: 139361

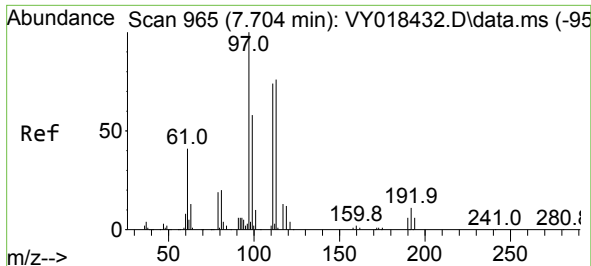
Ion Ratio Lower Upper

114 100

63 21.8 0.0 35.0

88 15.1 0.0 27.2

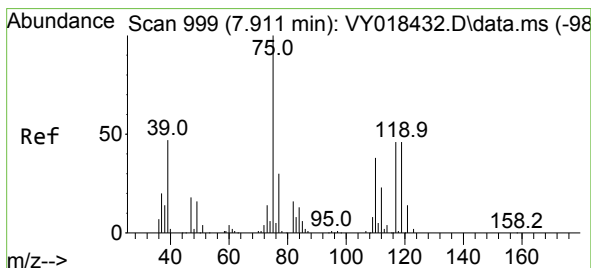
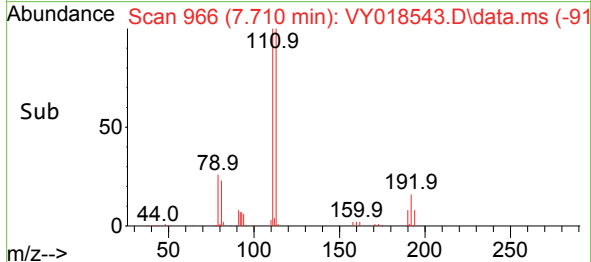
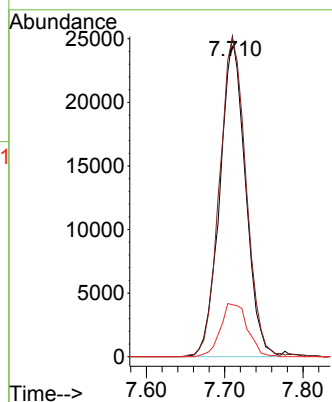
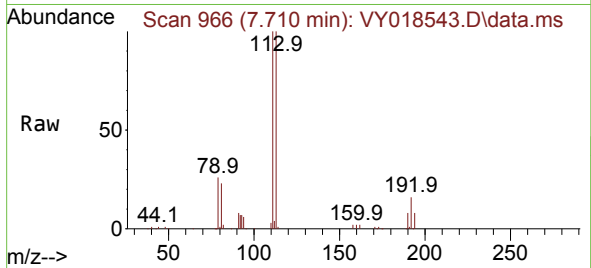




#35
Dibromofluoromethane
Concen: 32.100 ug/l
RT: 7.710 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

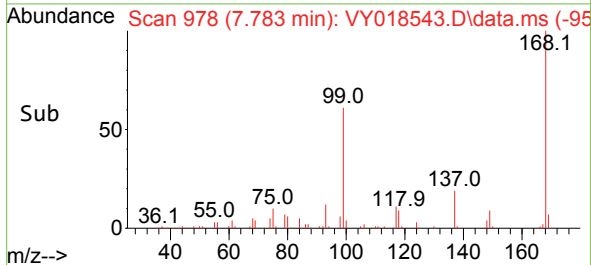
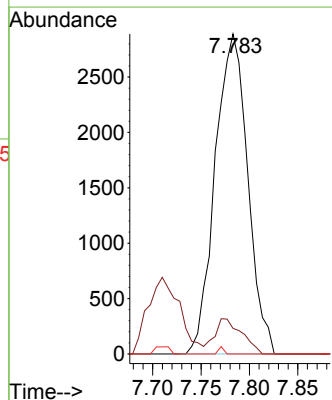
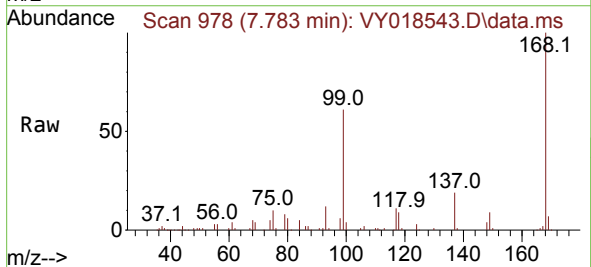
Instrument :
MSVOA_Y
ClientSampleId :

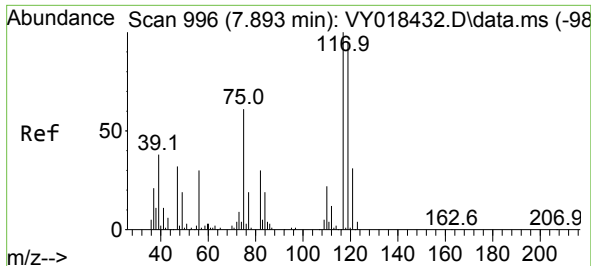
Tgt Ion:113 Resp: 56726
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 17.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 2.508 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

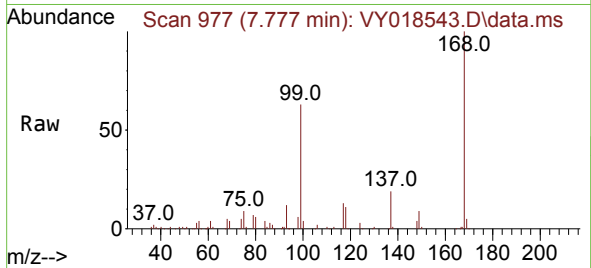
Tgt Ion: 75 Resp: 6757
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.4 25.3 37.9#



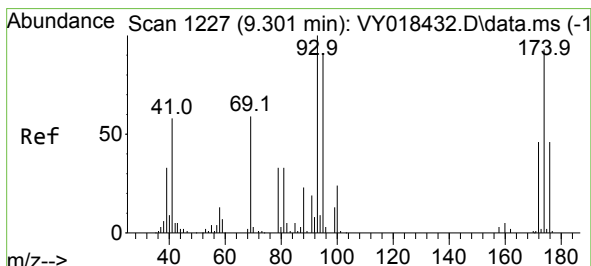
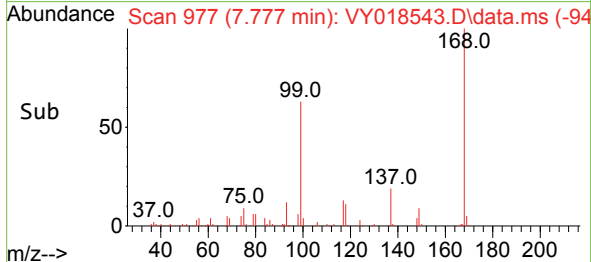
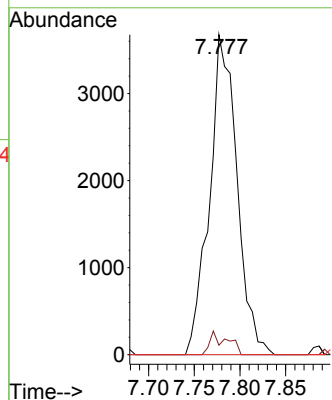


#38
Carbon Tetrachloride
Concen: 2.855 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

Instrument :
MSVOA_Y
ClientSampleId :

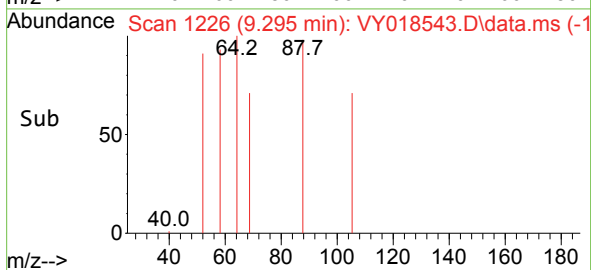
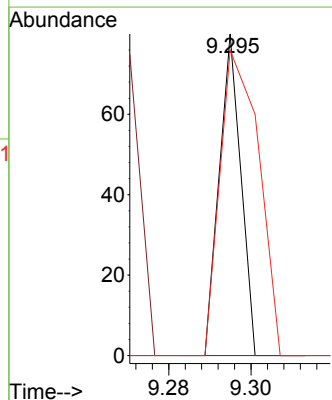
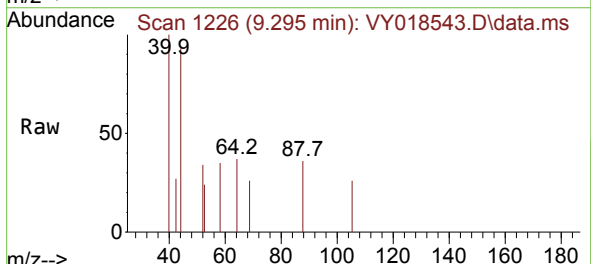


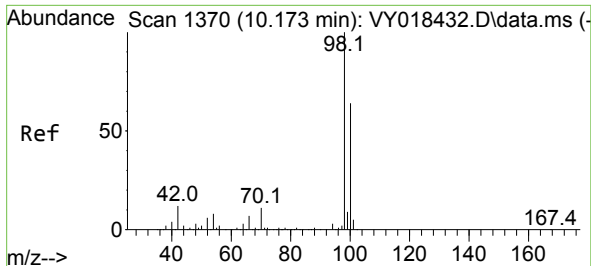
Tgt Ion:117 Resp: 7710
Ion Ratio Lower Upper
117 100
119 2.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.086 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

Tgt Ion: 88 Resp: 29
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 172.4 49.3 73.9#

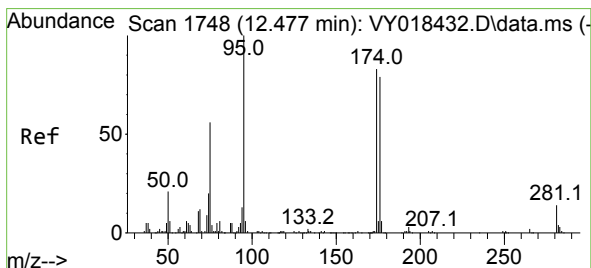
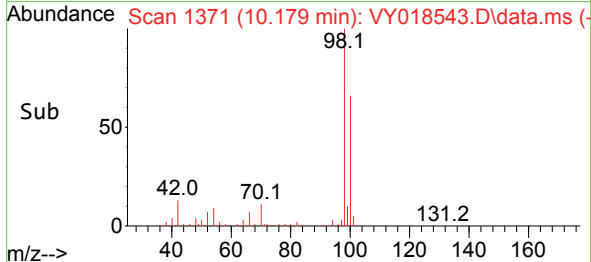
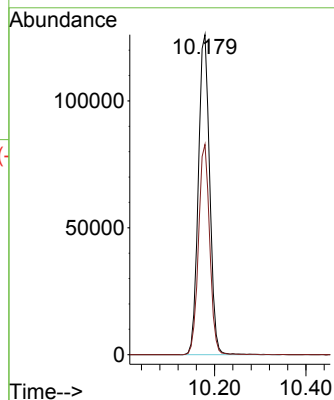
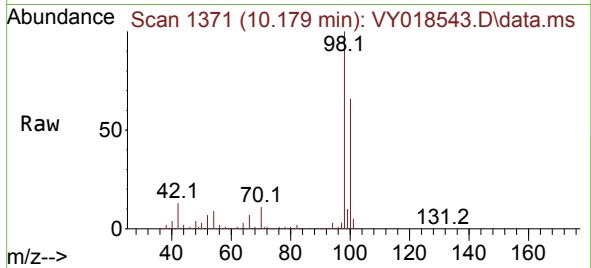




#50
Toluene-d8
Concen: 30.803 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

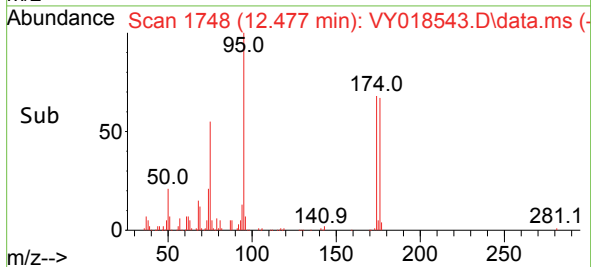
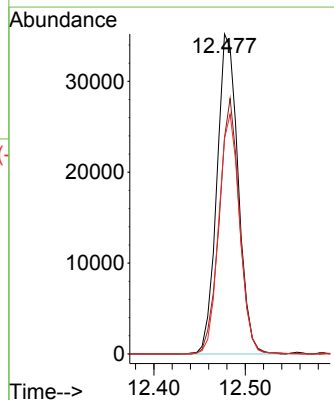
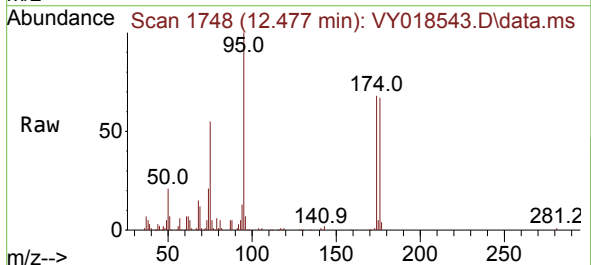
Instrument :
MSVOA_Y
ClientSampleId :

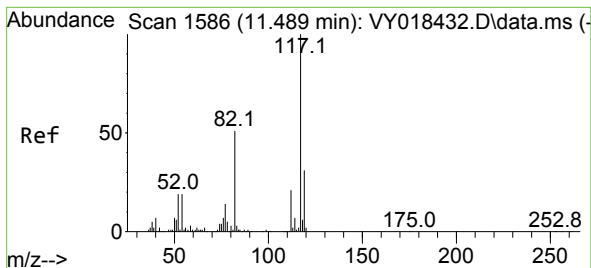
Tgt Ion: 98 Resp: 216558
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 25.985 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

Tgt Ion: 95 Resp: 56880
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

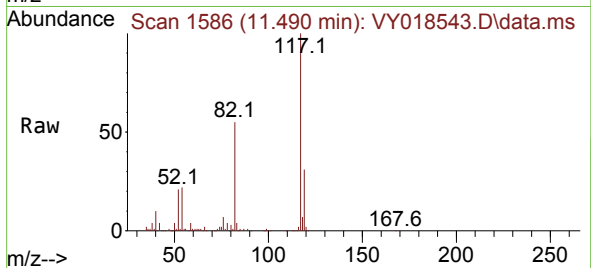
Lab File: VY018543.D

Acq: 10 Jun 2024 12:12

Instrument :

MSVOA_Y

ClientSampleId :



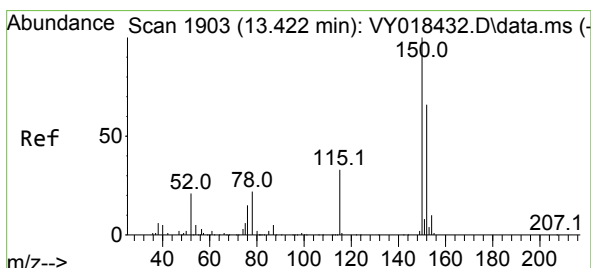
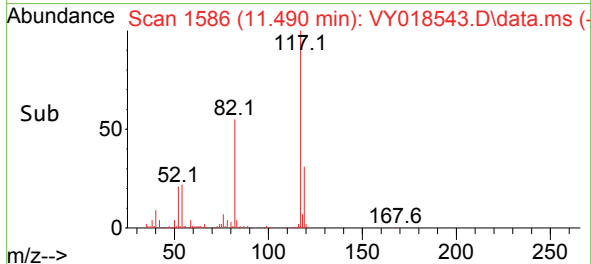
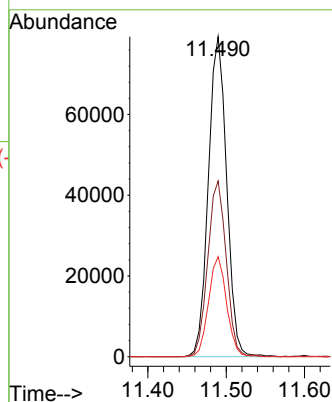
Tgt Ion:117 Resp: 128510

Ion Ratio Lower Upper

117 100

82 54.9 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018543.D

Acq: 10 Jun 2024 12:12

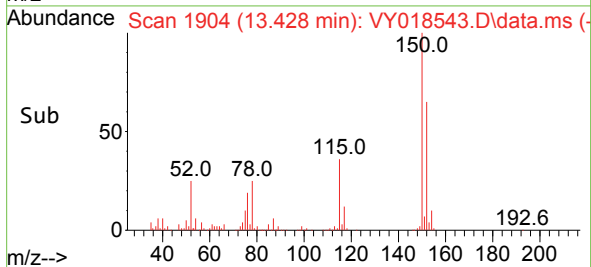
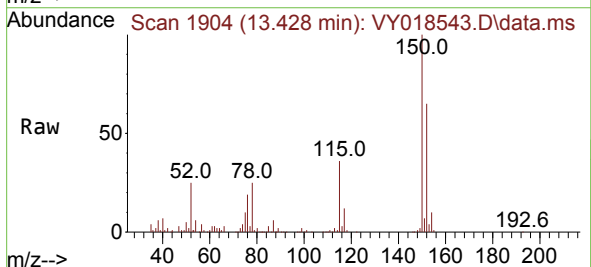
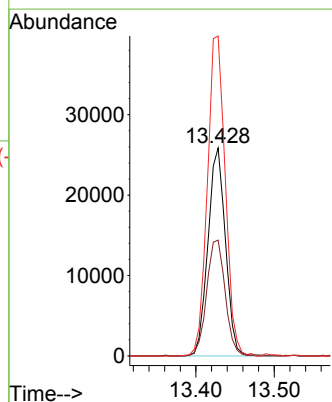
Tgt Ion:152 Resp: 40180

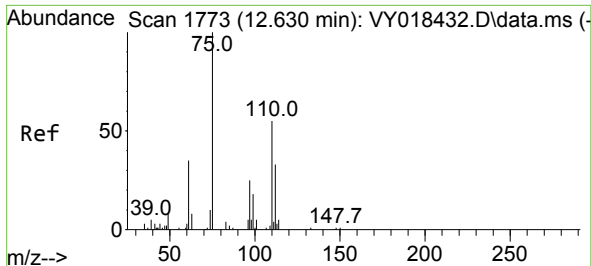
Ion Ratio Lower Upper

152 100

115 58.7 28.2 84.7

150 156.9 0.0 345.6

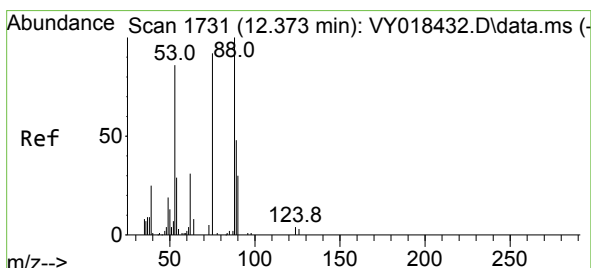
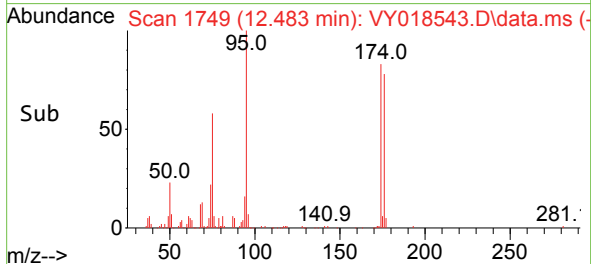
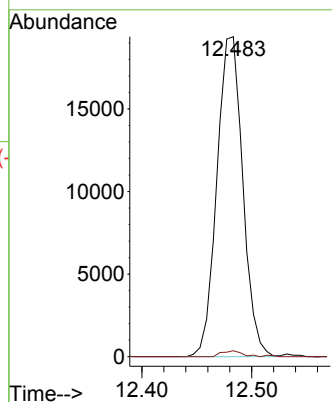
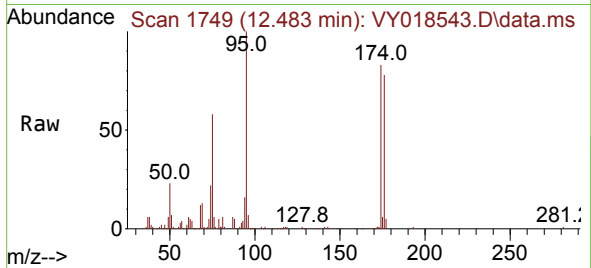




#76
1,2,3-Trichloropropane
Concen: 63.813 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 31794
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.067 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.110 min
Lab File: VY018543.D
Acq: 10 Jun 2024 12:12

Tgt Ion: 75 Resp: 31794
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

