

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070323\
 Data File : VY014540.D
 Acq On : 03 Jul 2023 17:08
 Operator : KP/MD
 Sample : 03393-04
 Misc : 4.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SF-10

Quant Time: Jul 04 03:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

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

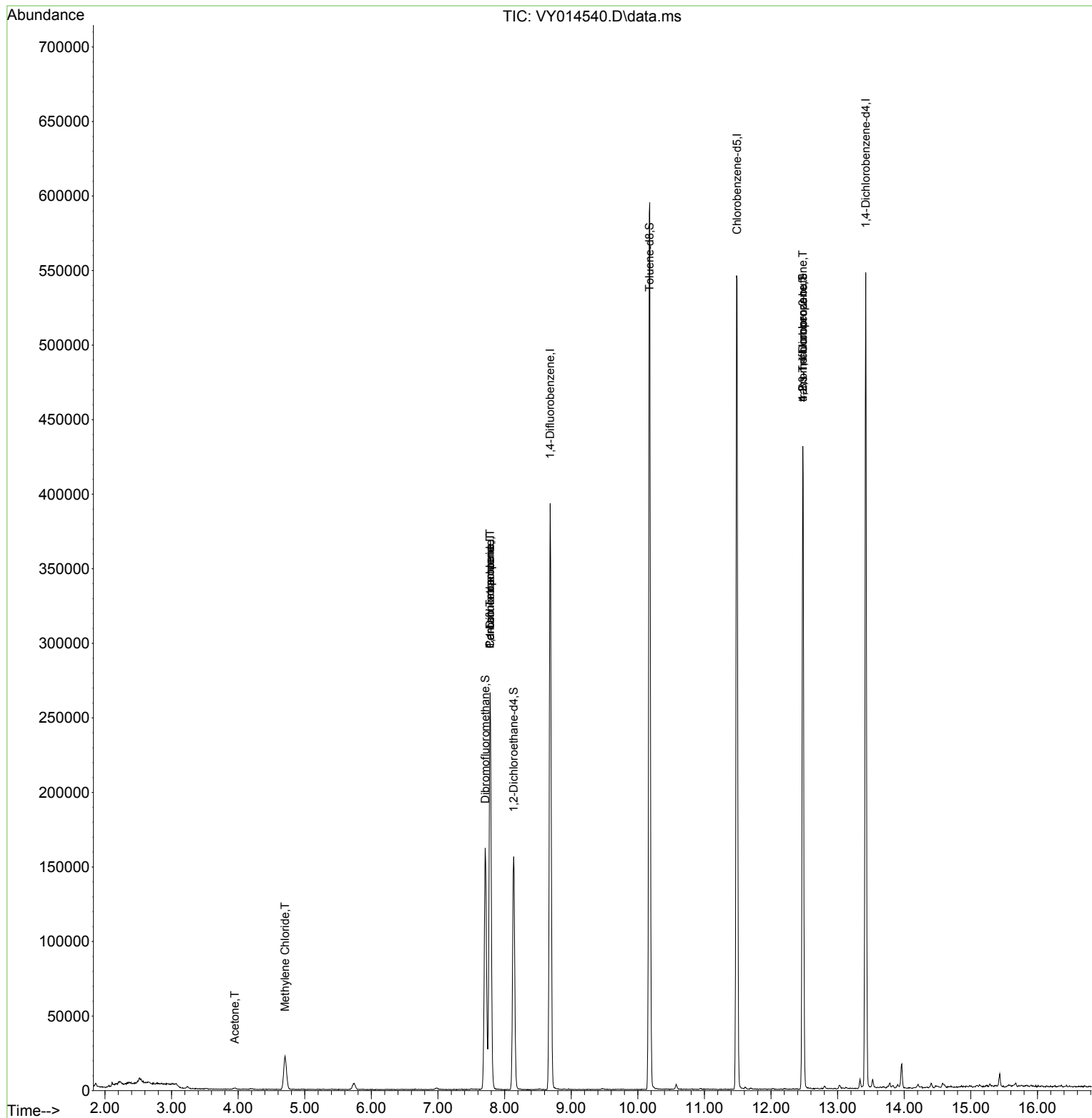
Internal Standards						
1) Pentafluorobenzene	7.783	168	228775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	357949	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	338181	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	125229	55.026	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.060%
35) Dibromofluoromethane	7.710	113	114317	51.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.720%
50) Toluene-d8	10.179	98	420378	48.243	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.480%
62) 4-Bromofluorobenzene	12.477	95	132047	43.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	128	Below Cal	#	43
11) Tert butyl alcohol	4.948	59	182	Below Cal	#	89
16) Acetone	3.948	43	1467	2.064	ug/l	90
20) Methylene Chloride	4.704	84	17668	1.904	ug/l #	78
36) 1,1-Dichloropropene	7.783	75	14280	4.230	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19019	5.397	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	60321	33.539	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60321	65.281	ug/l #	11

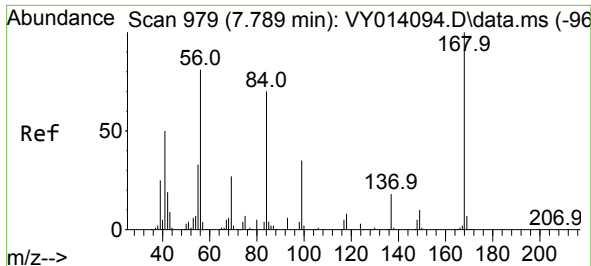
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

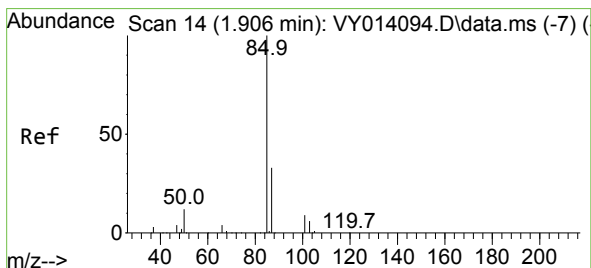
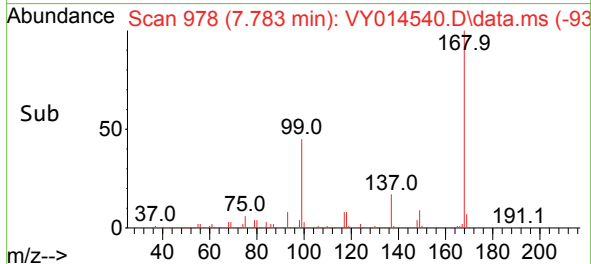
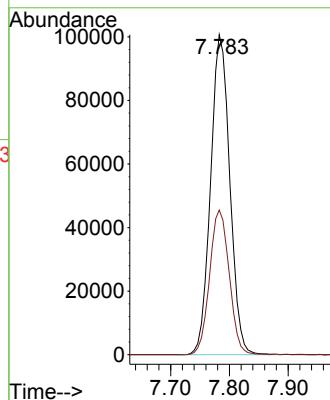
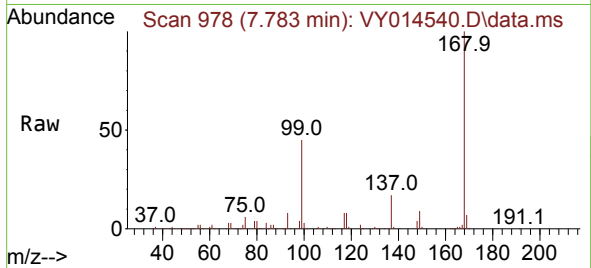




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

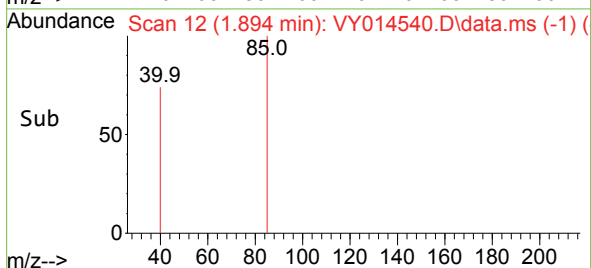
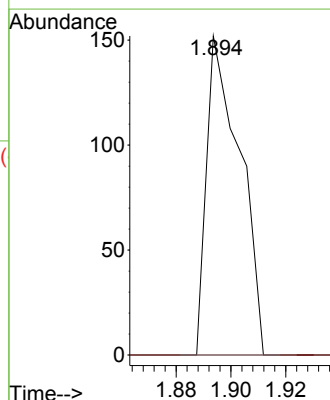
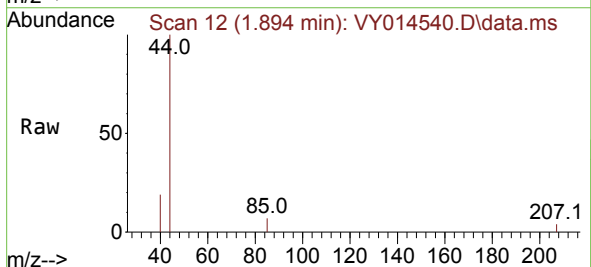
Instrument :
MSVOA_Y
ClientSampleId :
SF-10

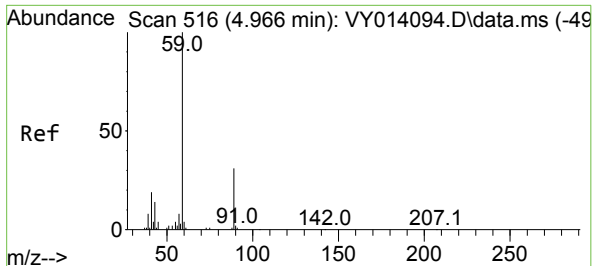
Tgt Ion:168 Resp: 228775
Ion Ratio Lower Upper
168 100
99 45.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.894 min Scan# 12
Delta R.T. -0.012 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

Tgt Ion: 85 Resp: 128
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

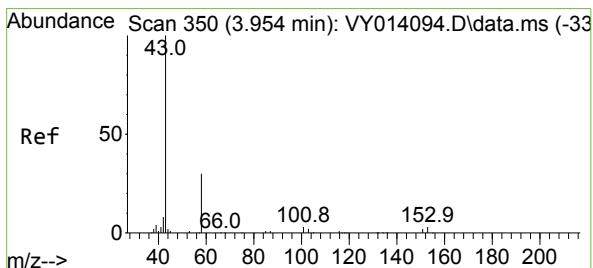
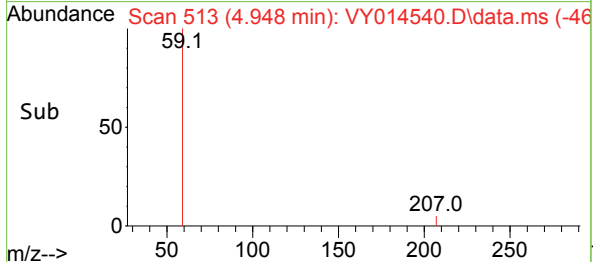
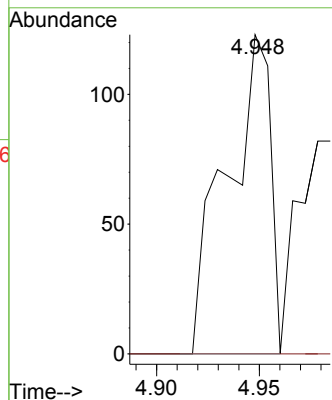
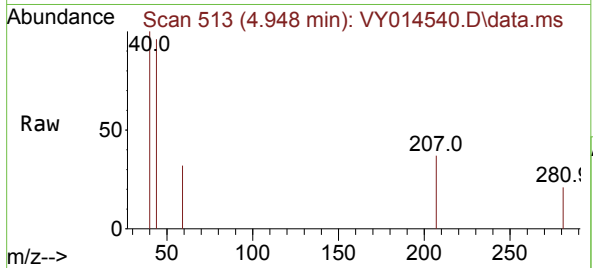




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

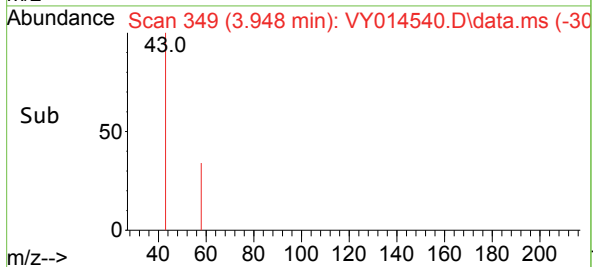
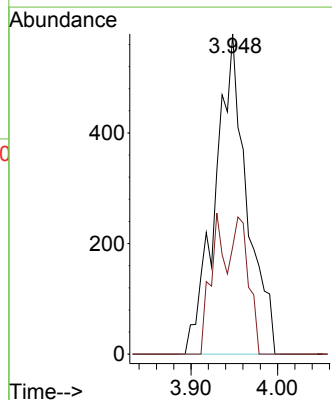
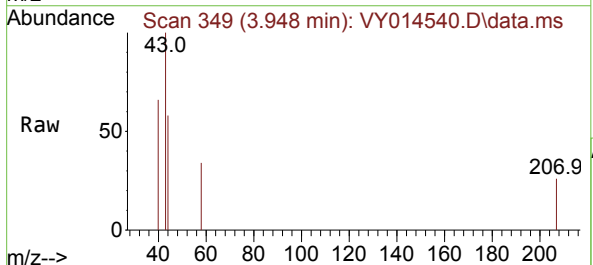
Instrument :
MSVOA_Y
ClientSampleId :
SF-10

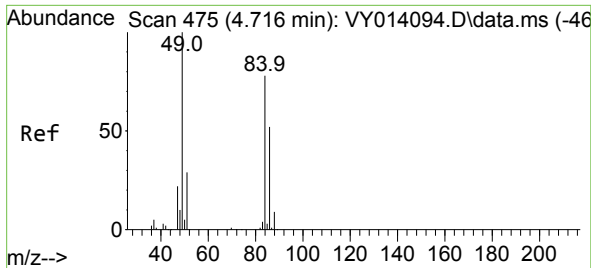
Tgt Ion: 59 Resp: 182
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#16
Acetone
Concen: 2.064 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 33.5 22.7 34.1

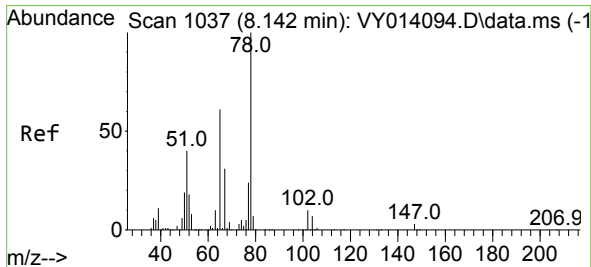
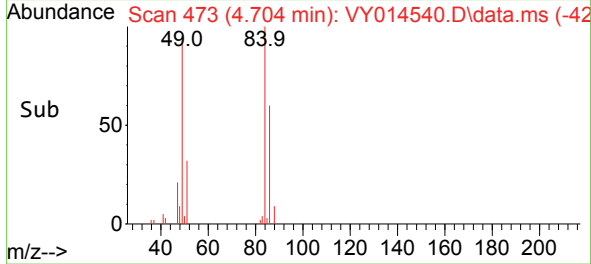
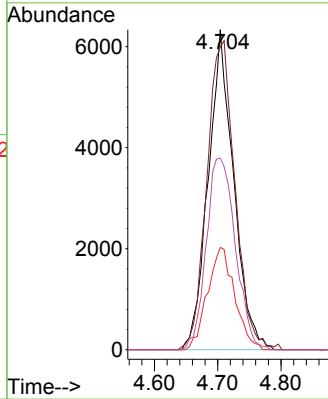
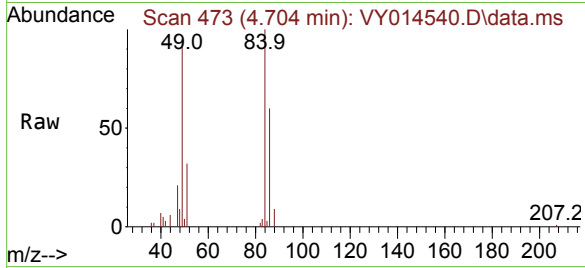




#20
Methylene Chloride
Concen: 1.904 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

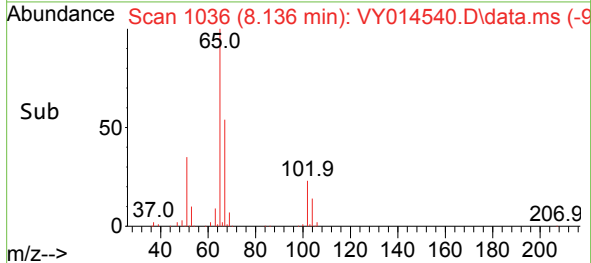
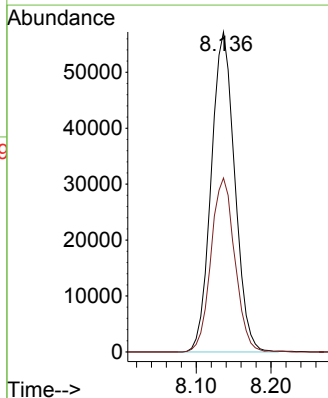
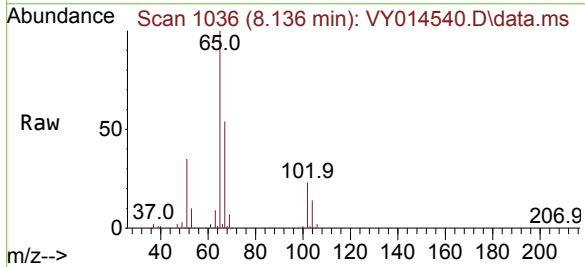
Instrument :
MSVOA_Y
ClientSampleId :
SF-10

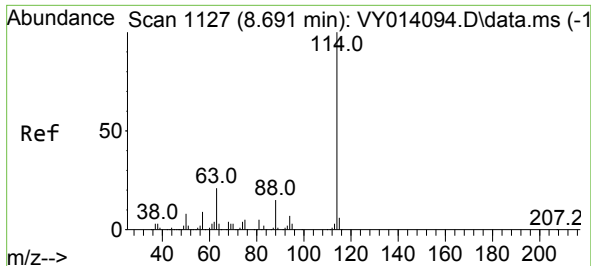
Tgt Ion:	84	Resp:	17668
Ion	Ratio	Lower	Upper
84	100		
49	94.6	106.9	160.3#
51	31.9	33.2	49.8#
86	59.8	51.0	76.6



#33
1,2-Dichloroethane-d4
Concen: 55.026 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

Tgt Ion:	65	Resp:	125229
Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	101.8

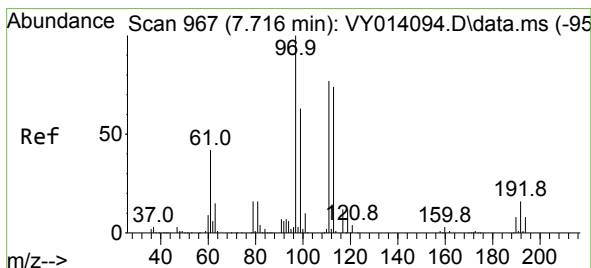
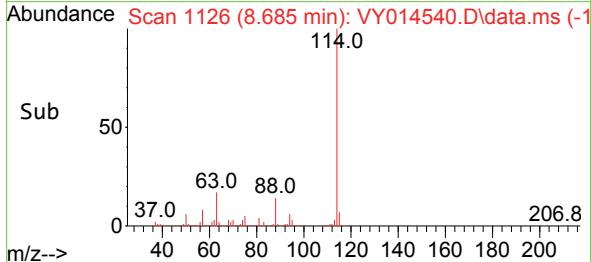
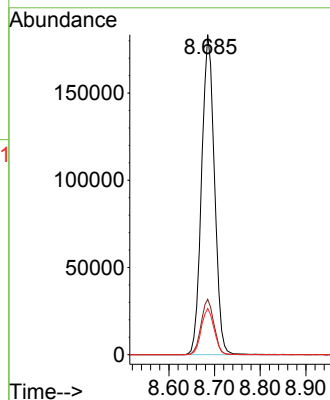
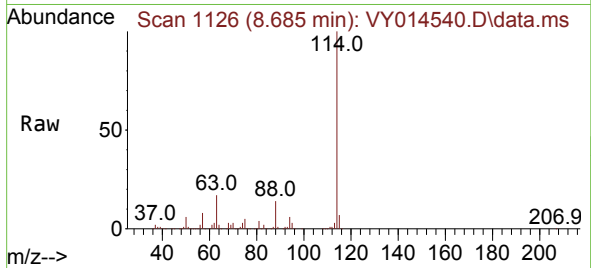




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

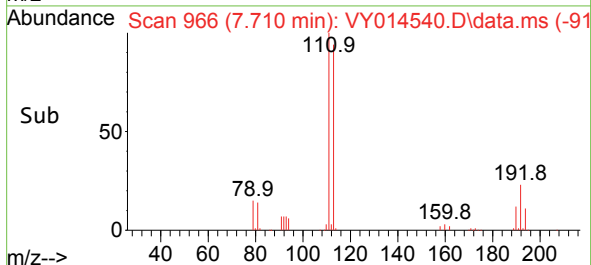
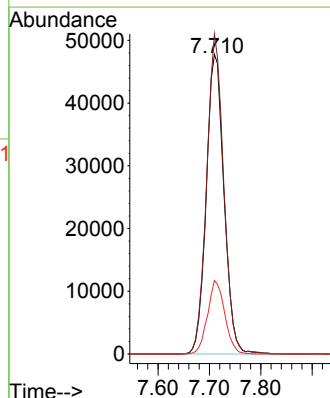
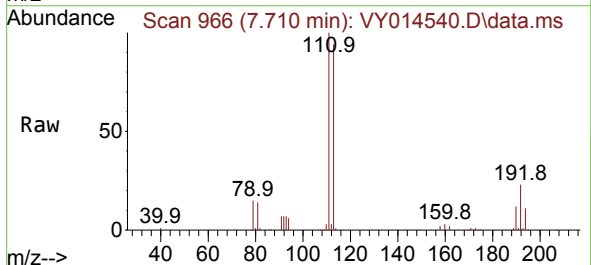
Instrument :
MSVOA_Y
ClientSampleId :
SF-10

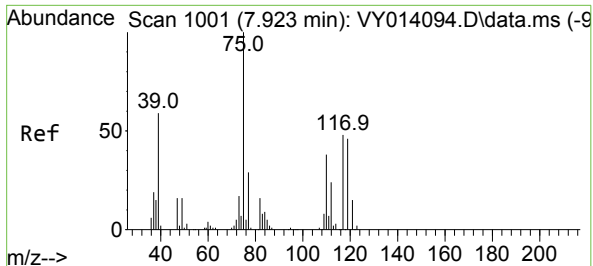
Tgt Ion:114 Resp: 357949
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.4 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.861 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

Tgt Ion:113 Resp: 114317
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 23.8 16.9 25.3

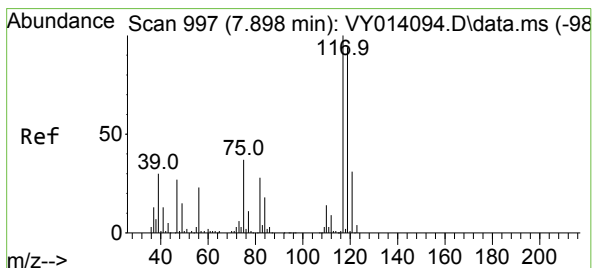
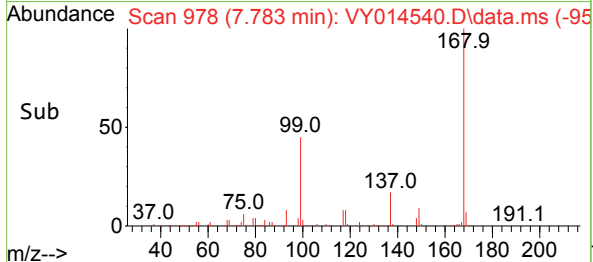
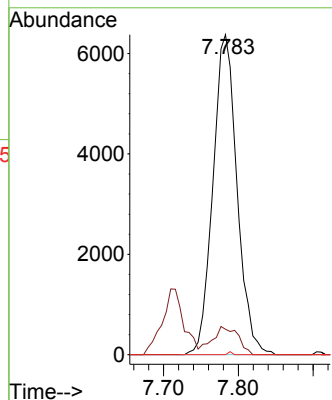
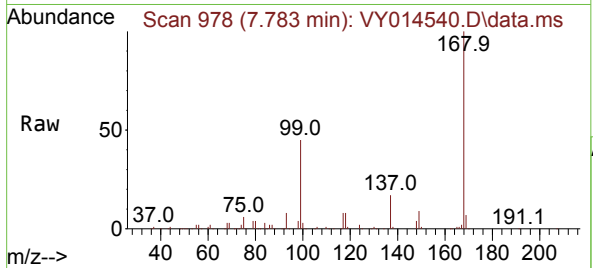




#36
1,1-Dichloropropene
Concen: 4.230 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

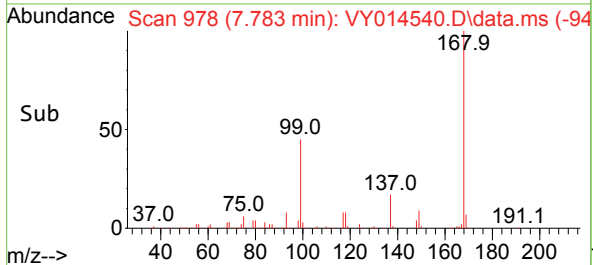
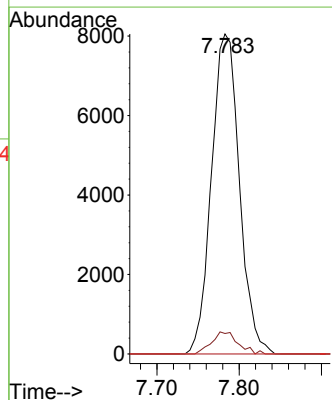
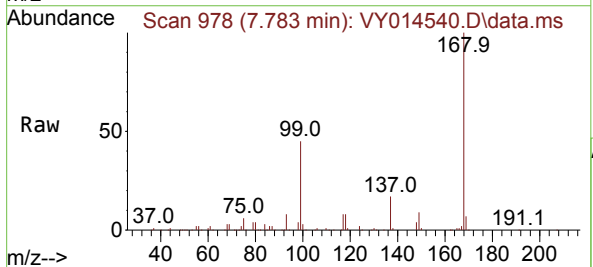
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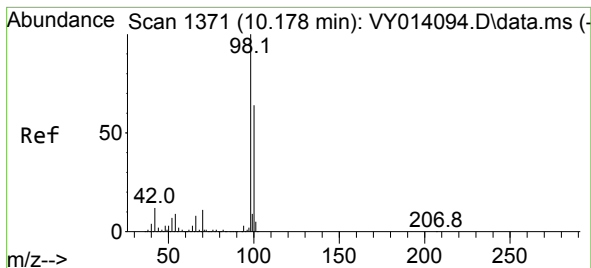
Tgt Ion: 75 Resp: 14280
Ion Ratio Lower Upper
75 100
110 8.9 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

Tgt Ion: 117 Resp: 19019
Ion Ratio Lower Upper
117 100
119 6.4 76.4 114.6#
121 0.0 25.8 38.6#

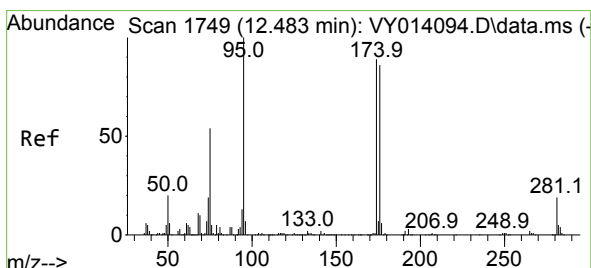
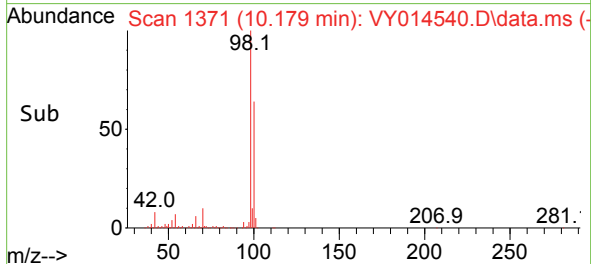
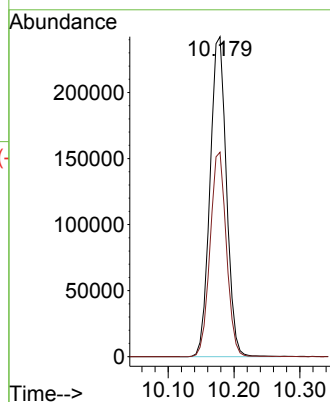
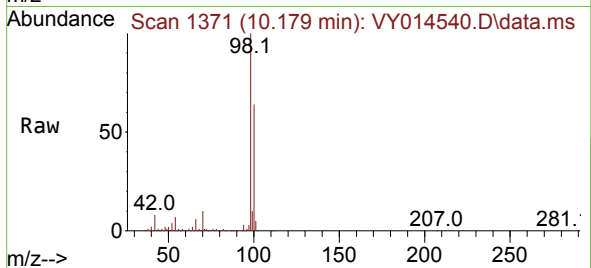




#50
Toluene-d8
Concen: 48.243 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

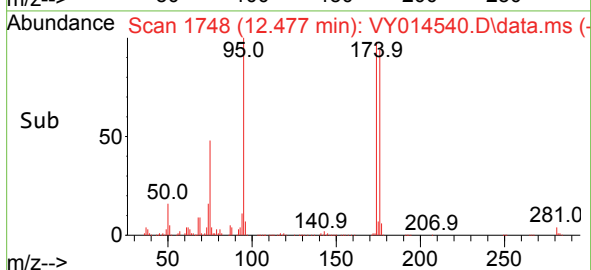
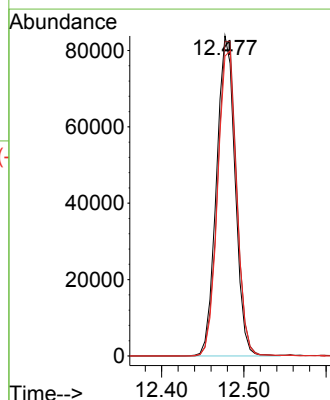
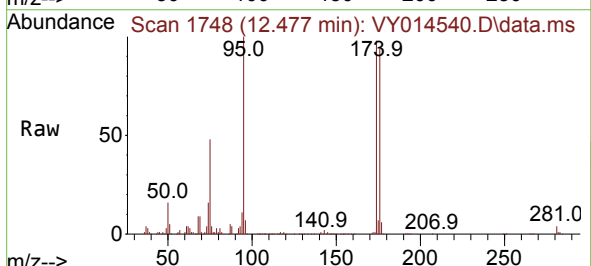
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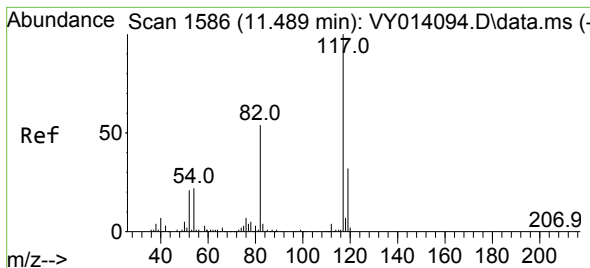
Tgt Ion: 98 Resp: 420378
Ion Ratio Lower Upper
98 100
100 63.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 43.641 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014540.D
Acq: 03 Jul 2023 17:08

Tgt Ion: 95 Resp: 132047
Ion Ratio Lower Upper
95 100
174 100.5 0.0 178.2
176 96.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014540.D

Acq: 03 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

SF-10

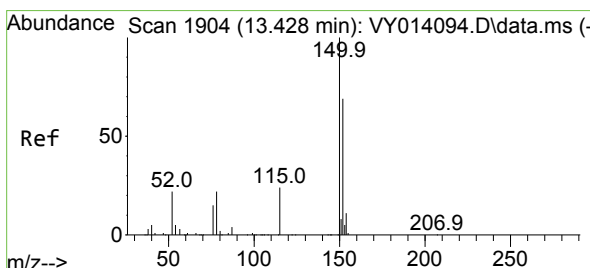
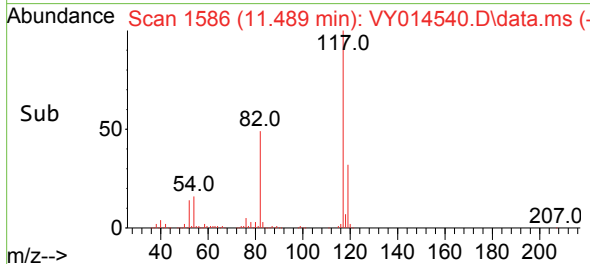
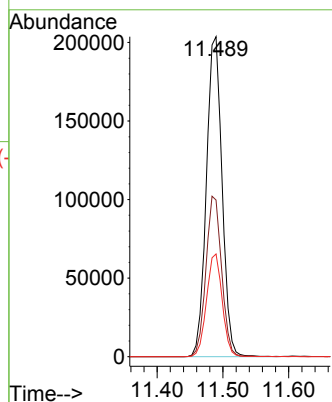
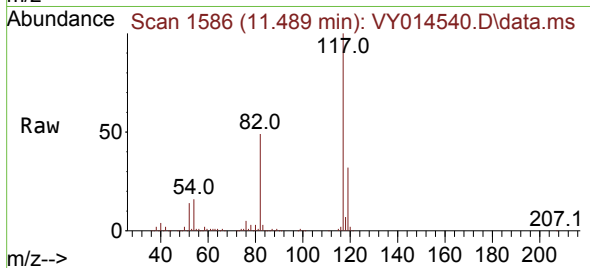
Tgt Ion:117 Resp: 338181

Ion Ratio Lower Upper

117 100

82 49.0 43.4 65.0

119 32.1 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY014540.D

Acq: 03 Jul 2023 17:08

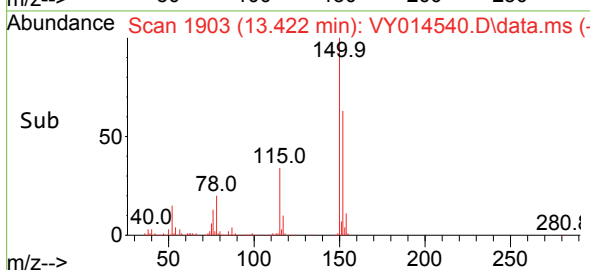
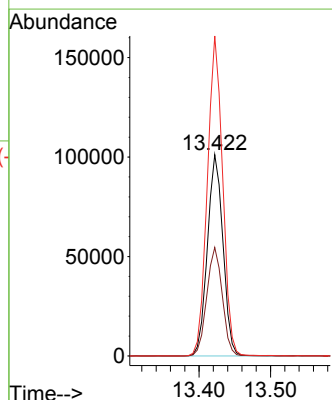
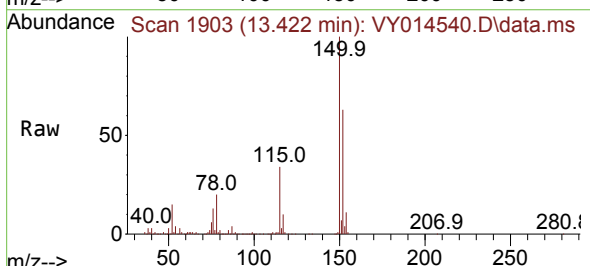
Tgt Ion:152 Resp: 153267

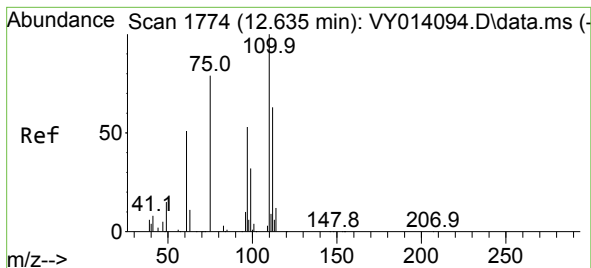
Ion Ratio Lower Upper

152 100

115 53.7 28.8 86.5

150 156.2 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 33.539 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY014540.D

Acq: 03 Jul 2023 17:08

Instrument :

MSVOA_Y

ClientSampleId :

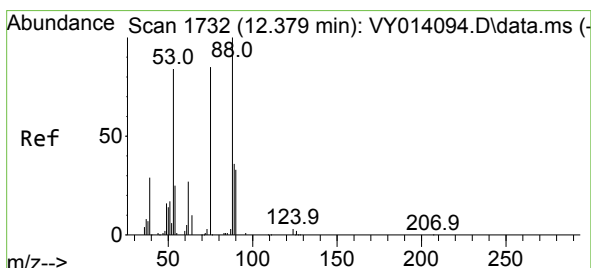
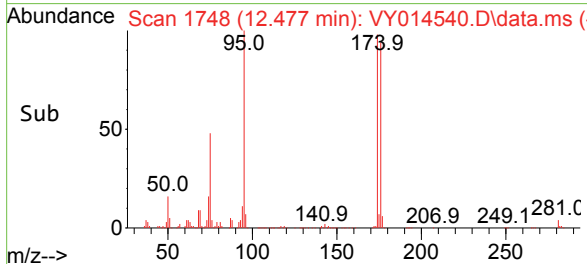
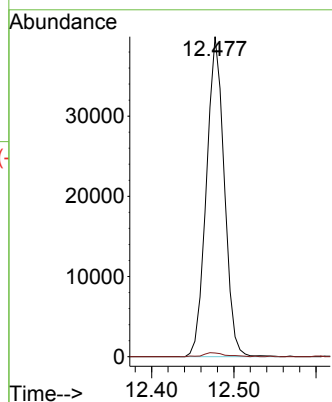
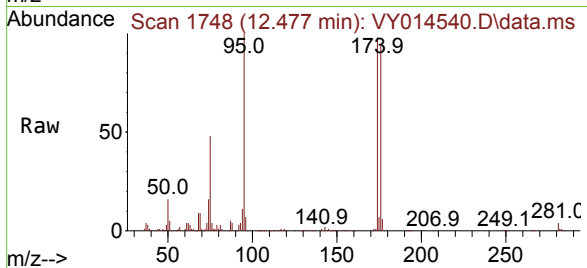
SF-10

Tgt Ion: 75 Resp: 60321

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.281 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY014540.D

Acq: 03 Jul 2023 17:08

Tgt Ion: 75 Resp: 60321

Ion Ratio Lower Upper

75 100

53 0.1 77.8 116.8#

89 0.1 37.4 56.0#

