

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014463.D
 Acq On : 27 Jun 2023 17:09
 Operator : KP/MD
 Sample : 03392-06
 Misc : 4.90g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-3

Quant Time: Jun 28 02:27:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

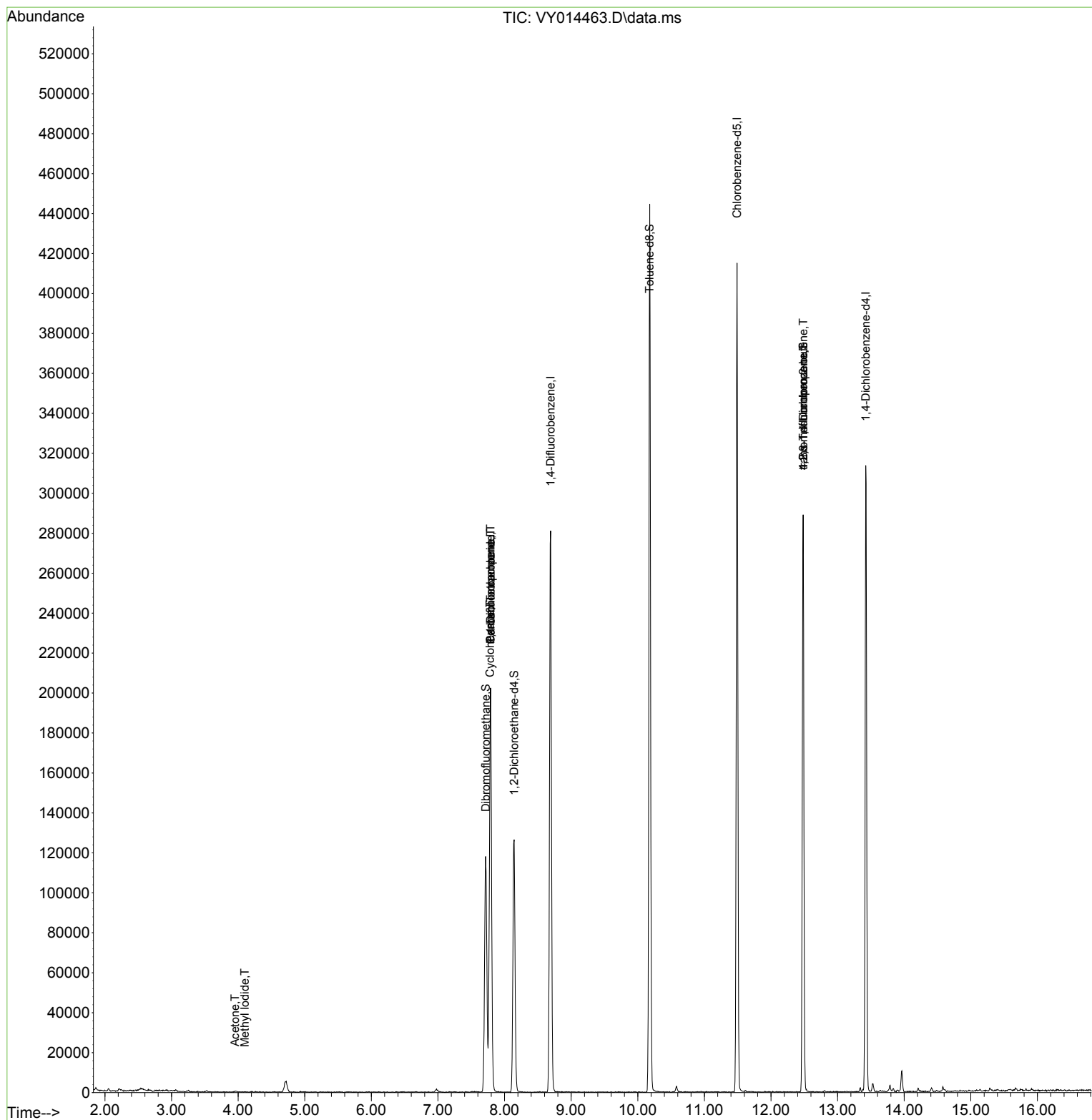
Internal Standards						
1) Pentafluorobenzene	7.789	168	161581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244610	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	224362	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	112731	56.192	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 112.380%		
35) Dibromofluoromethane	7.716	113	78075	51.662	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 103.320%		
50) Toluene-d8	10.179	98	290683	48.387	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 96.780%		
62) 4-Bromofluorobenzene	12.483	95	81446	37.976	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 75.960%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	44	2.896	ug/l #	38
11) Tert butyl alcohol	4.948	59	570	Below Cal	#	89
16) Acetone	3.954	43	815	1.291	ug/l	93
20) Methylene Chloride	4.716	84	4178	Below Cal	#	83
31) Cyclohexane	7.783	56	3414	1.378	ug/l #	32
36) 1,1-Dichloropropene	7.789	75	10799	4.637	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15518	5.295	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	45033	41.054	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	45033	93.467	ug/l #	11

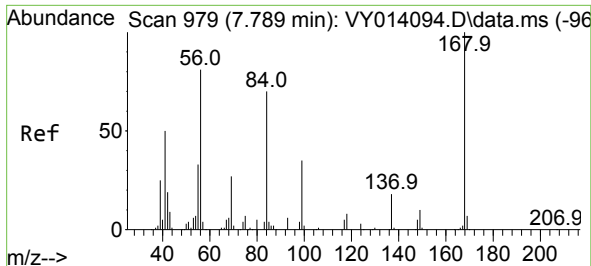
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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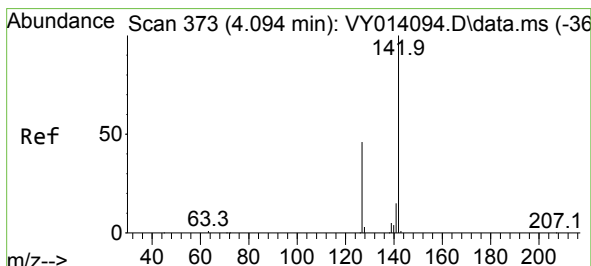
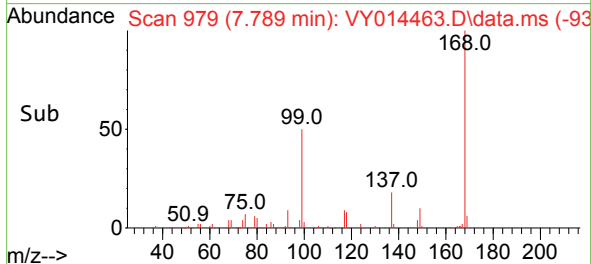
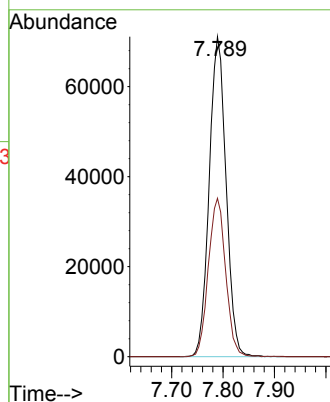
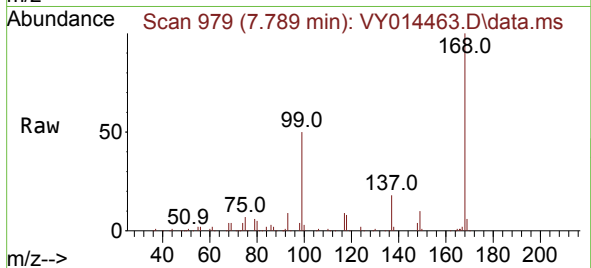




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

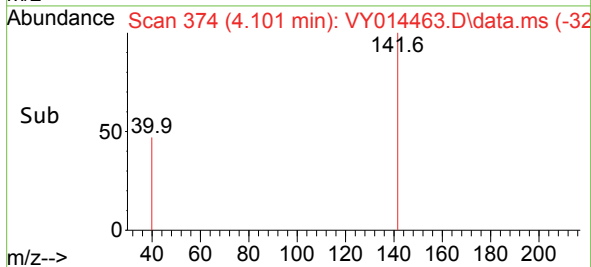
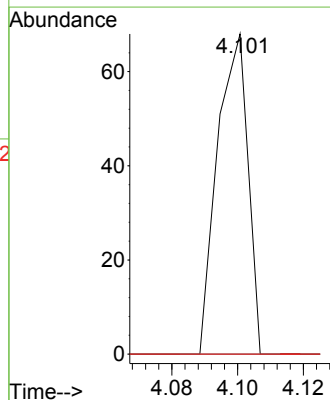
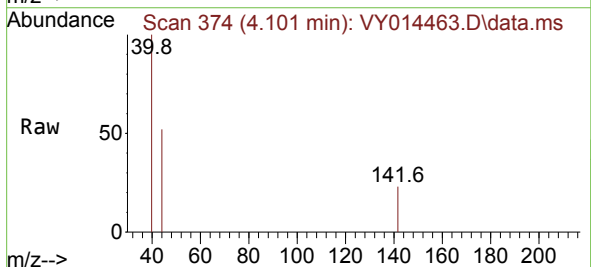
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3

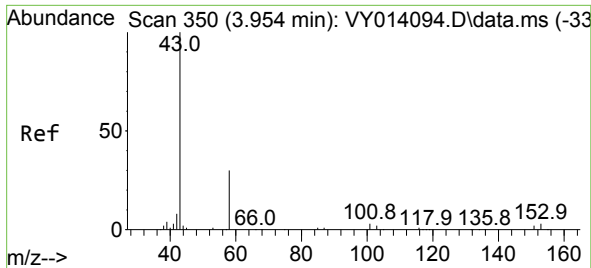
Tgt Ion:168 Resp: 161581
Ion Ratio Lower Upper
168 100
99 49.5 43.4 65.0



#10
Methyl Iodide
Concen: 2.896 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion:142 Resp: 44
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

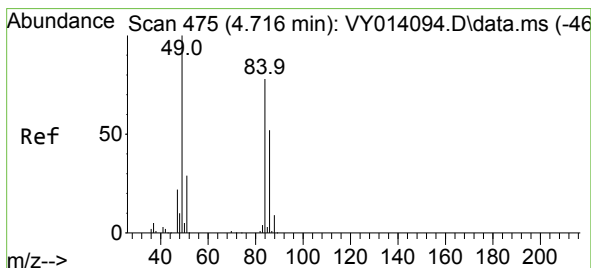
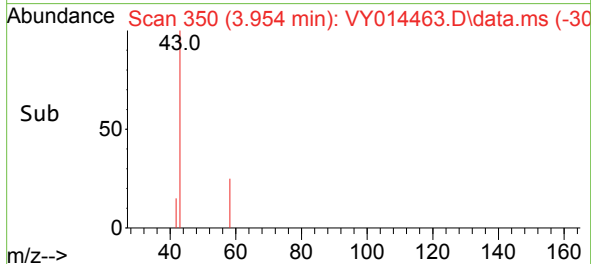
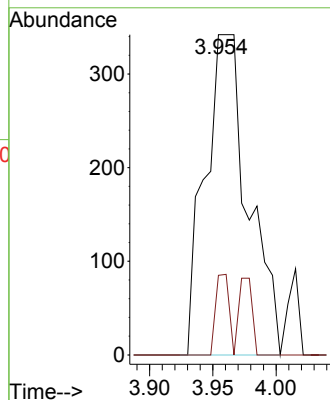
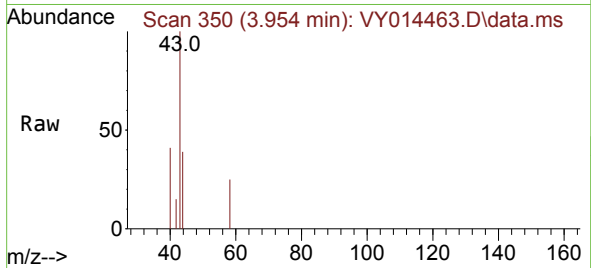




#16
Acetone
Concen: 1.291 ug/l
RT: 3.954 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

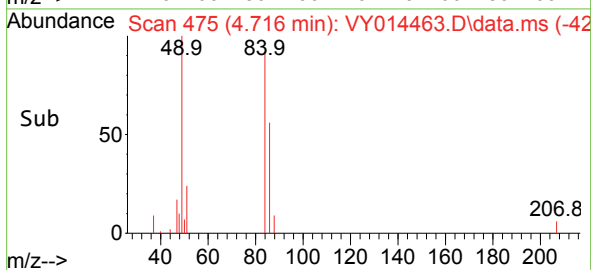
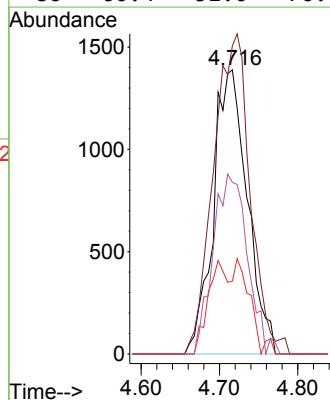
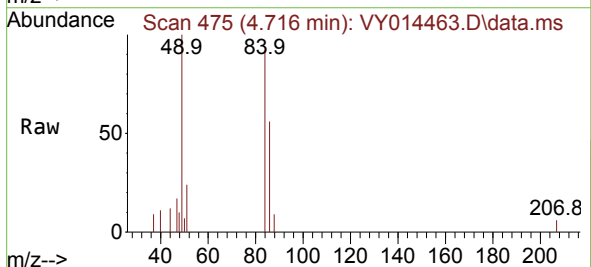
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3

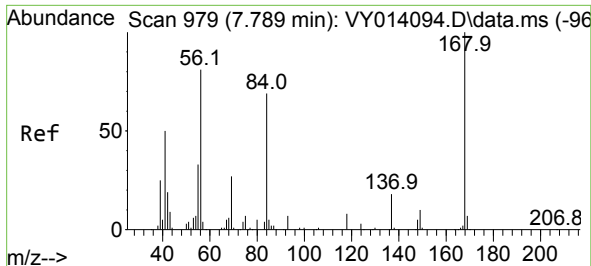
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 24.9 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion: 84 Resp: 4178
Ion Ratio Lower Upper
84 100
49 108.4 106.9 160.3
51 25.6 33.2 49.8#
86 60.4 51.0 76.6

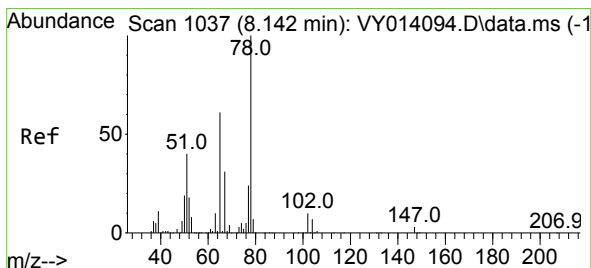
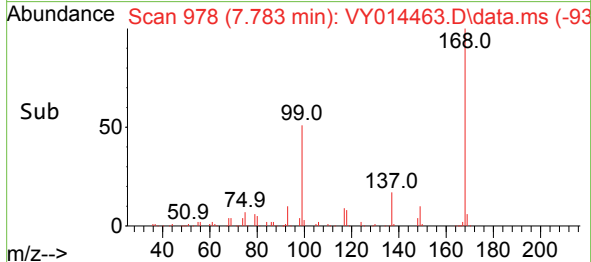
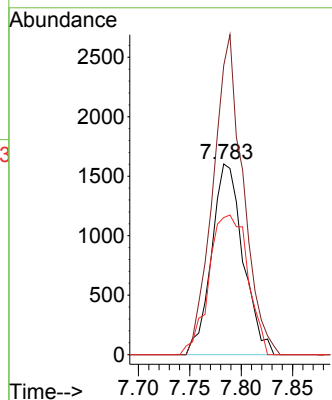
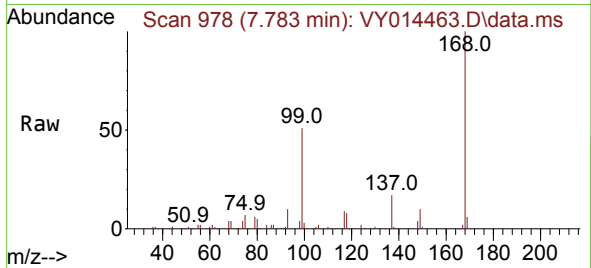




#31
Cyclohexane
Concen: 1.378 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

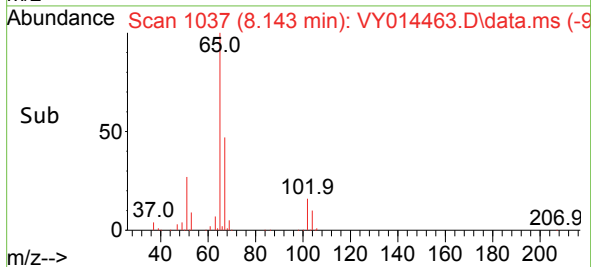
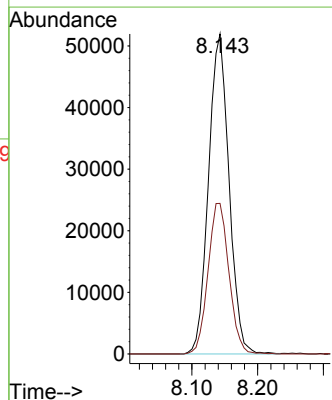
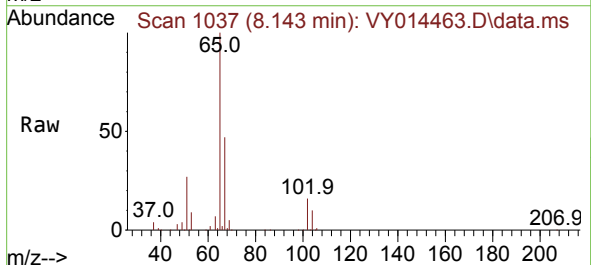
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3

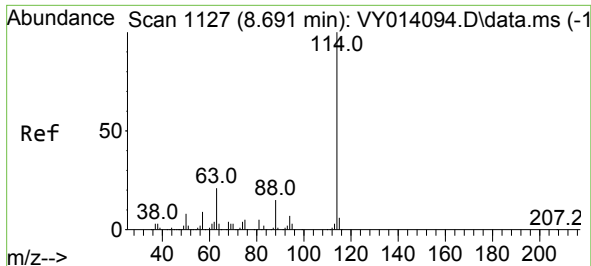
Tgt Ion: 56 Resp: 3414
Ion Ratio Lower Upper
56 100
69 151.7 27.8 41.6#
84 71.9 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 56.192 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion: 65 Resp: 112731
Ion Ratio Lower Upper
65 100
67 48.0 0.0 101.8

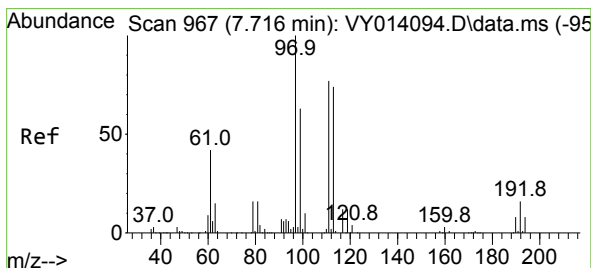
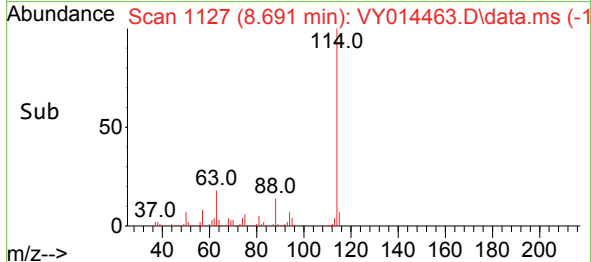
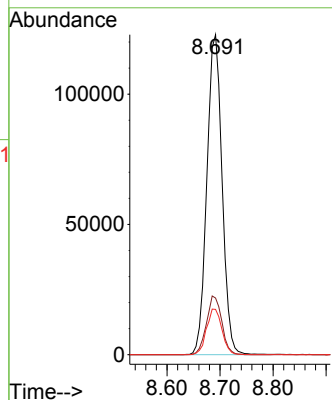
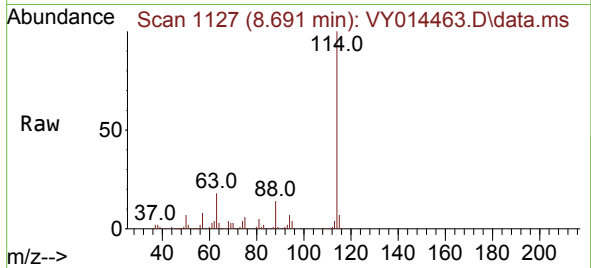




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

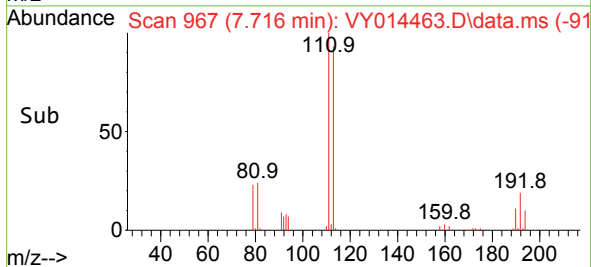
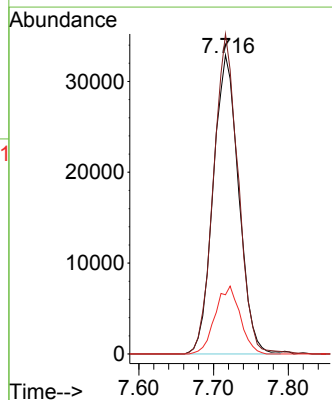
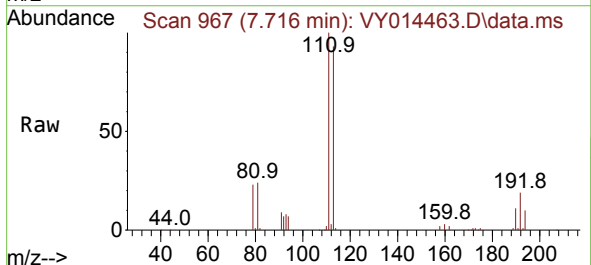
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3

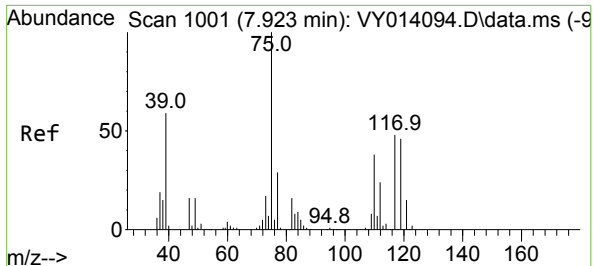
Tgt Ion:114 Resp: 244610
Ion Ratio Lower Upper
114 100
63 17.7 0.0 42.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.662 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion:113 Resp: 78075
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 22.3 16.9 25.3





#36

1,1-Dichloropropene

Concen: 4.637 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY014463.D

Acq: 27 Jun 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SRY-3

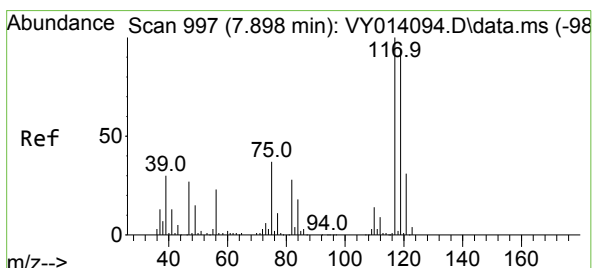
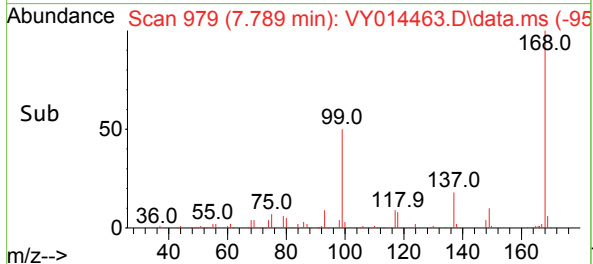
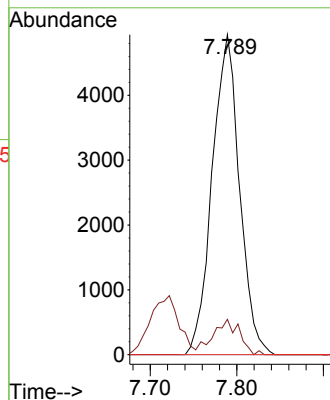
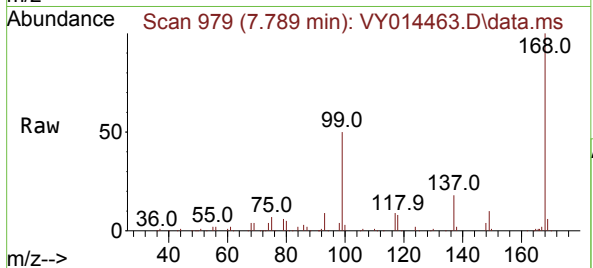
Tgt Ion: 75 Resp: 10799

Ion Ratio Lower Upper

75 100

110 10.7 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.295 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY014463.D

Acq: 27 Jun 2023 17:09

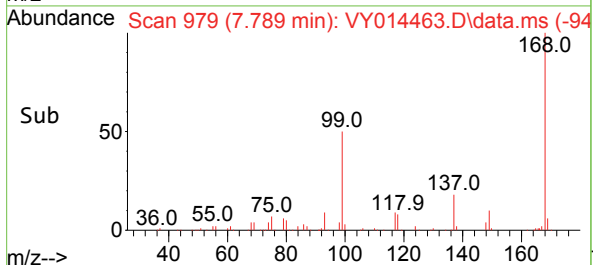
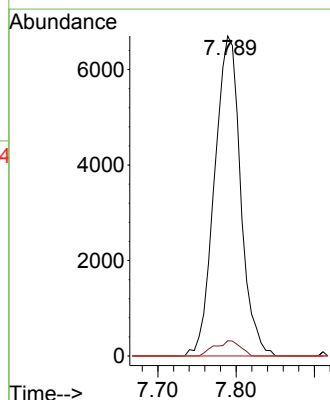
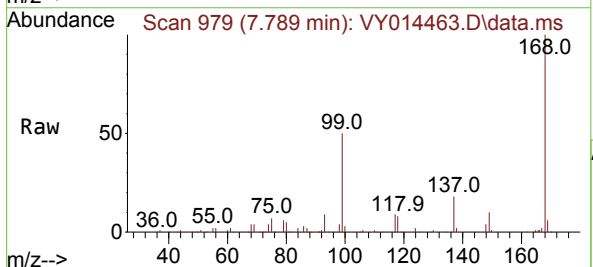
Tgt Ion: 117 Resp: 15518

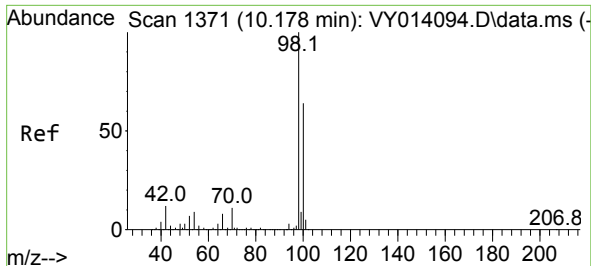
Ion Ratio Lower Upper

117 100

119 4.8 76.4 114.6#

121 0.0 25.8 38.6#

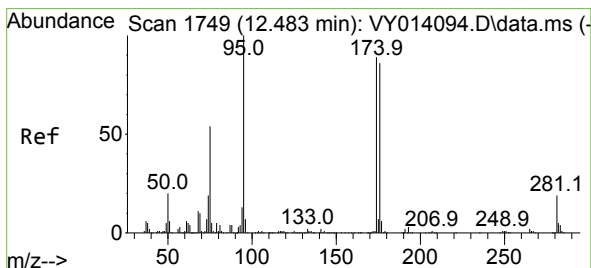
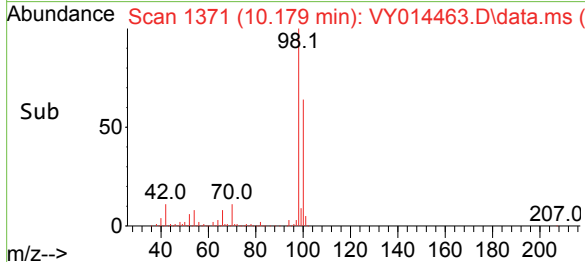
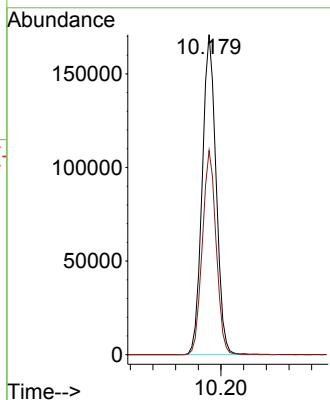
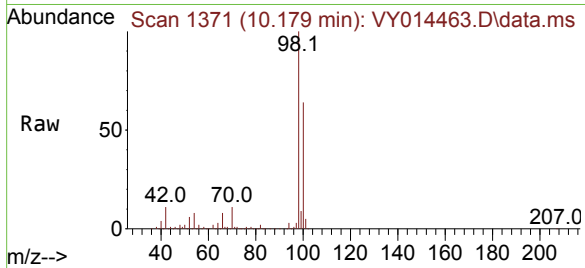




#50
Toluene-d8
Concen: 48.387 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

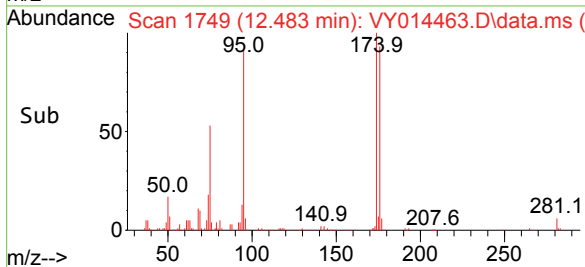
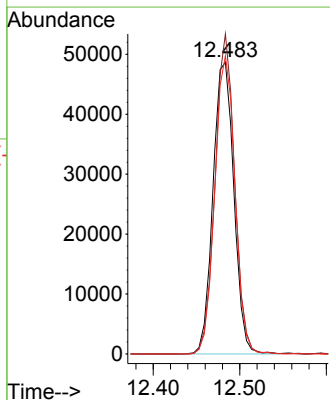
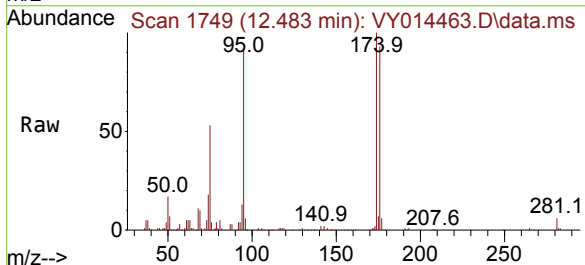
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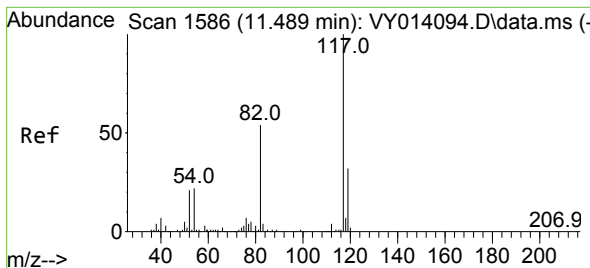
Tgt Ion: 98 Resp: 290683
Ion Ratio Lower Upper
98 100
100 63.2 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.976 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion: 95 Resp: 81446
Ion Ratio Lower Upper
95 100
174 102.8 0.0 178.2
176 98.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014463.D

Acq: 27 Jun 2023 17:09

Instrument :

MSVOA_Y

ClientSampleId :

SRY-3

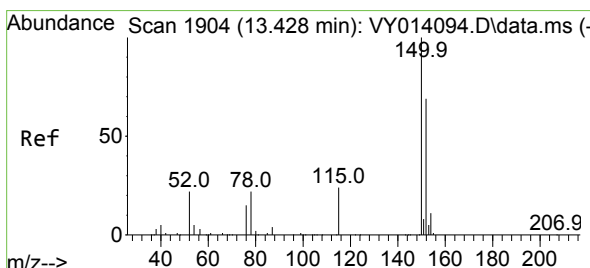
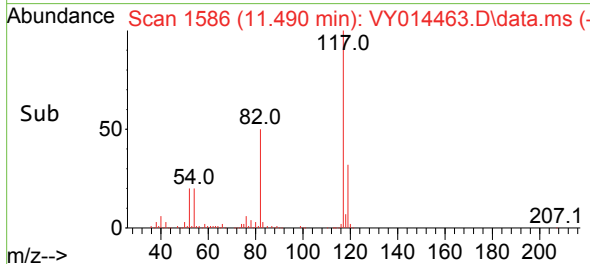
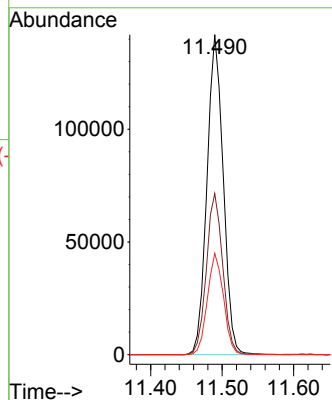
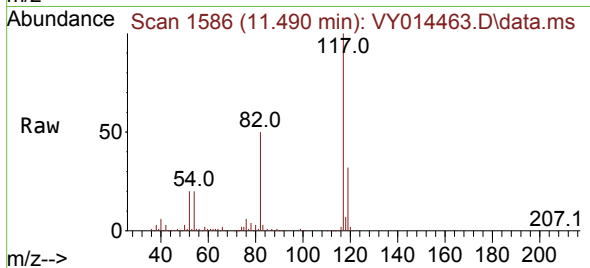
Tgt Ion:117 Resp: 224362

Ion Ratio Lower Upper

117 100

82 50.3 43.4 65.0

119 31.6 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: VY014463.D

Acq: 27 Jun 2023 17:09

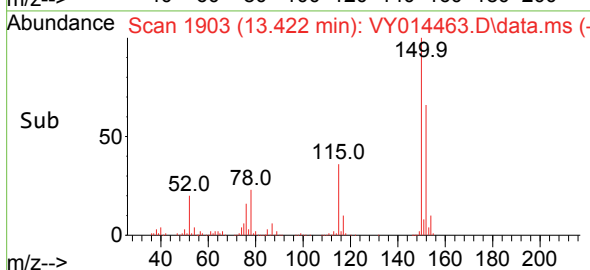
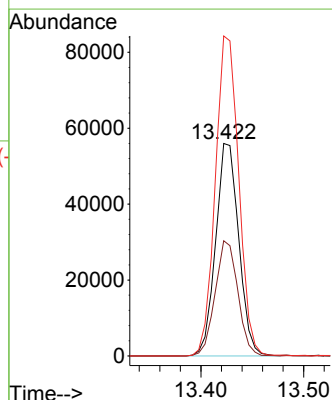
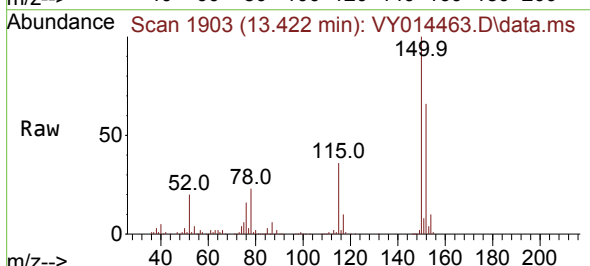
Tgt Ion:152 Resp: 87444

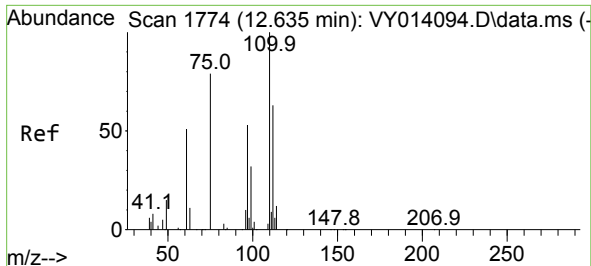
Ion Ratio Lower Upper

152 100

115 53.3 28.8 86.5

150 152.6 0.0 348.8

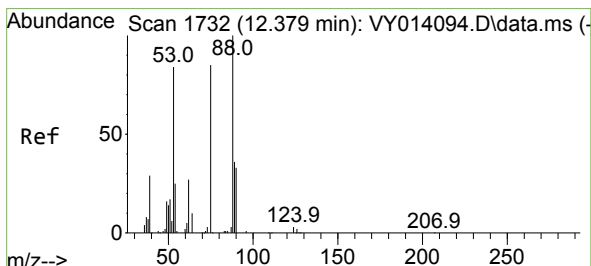
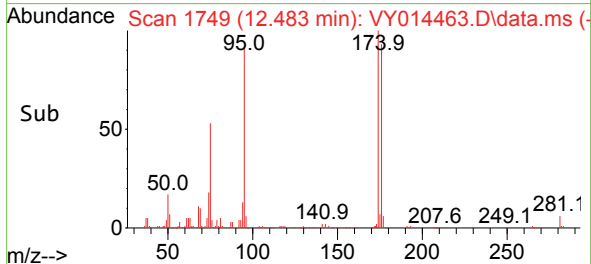
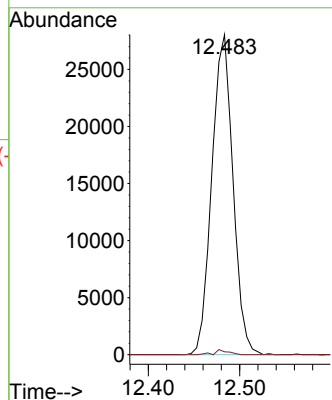
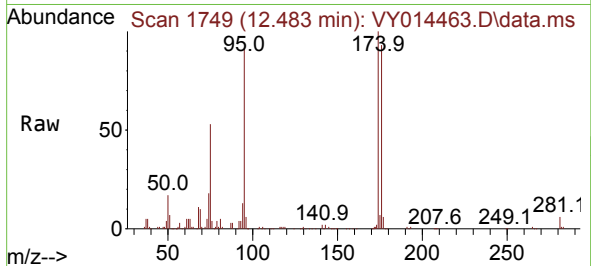




#76
1,2,3-Trichloropropane
Concen: 41.054 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Instrument :
MSVOA_Y
ClientSampleId :
SRY-3

Tgt Ion: 75 Resp: 45033
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014463.D
Acq: 27 Jun 2023 17:09

Tgt Ion: 75 Resp: 45033
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

