

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062823\
 Data File : VY014475.D
 Acq On : 28 Jun 2023 13:03
 Operator : KP/MD
 Sample : 03492-06RE
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-3RE

Quant Time: Jun 29 02:16:53 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)

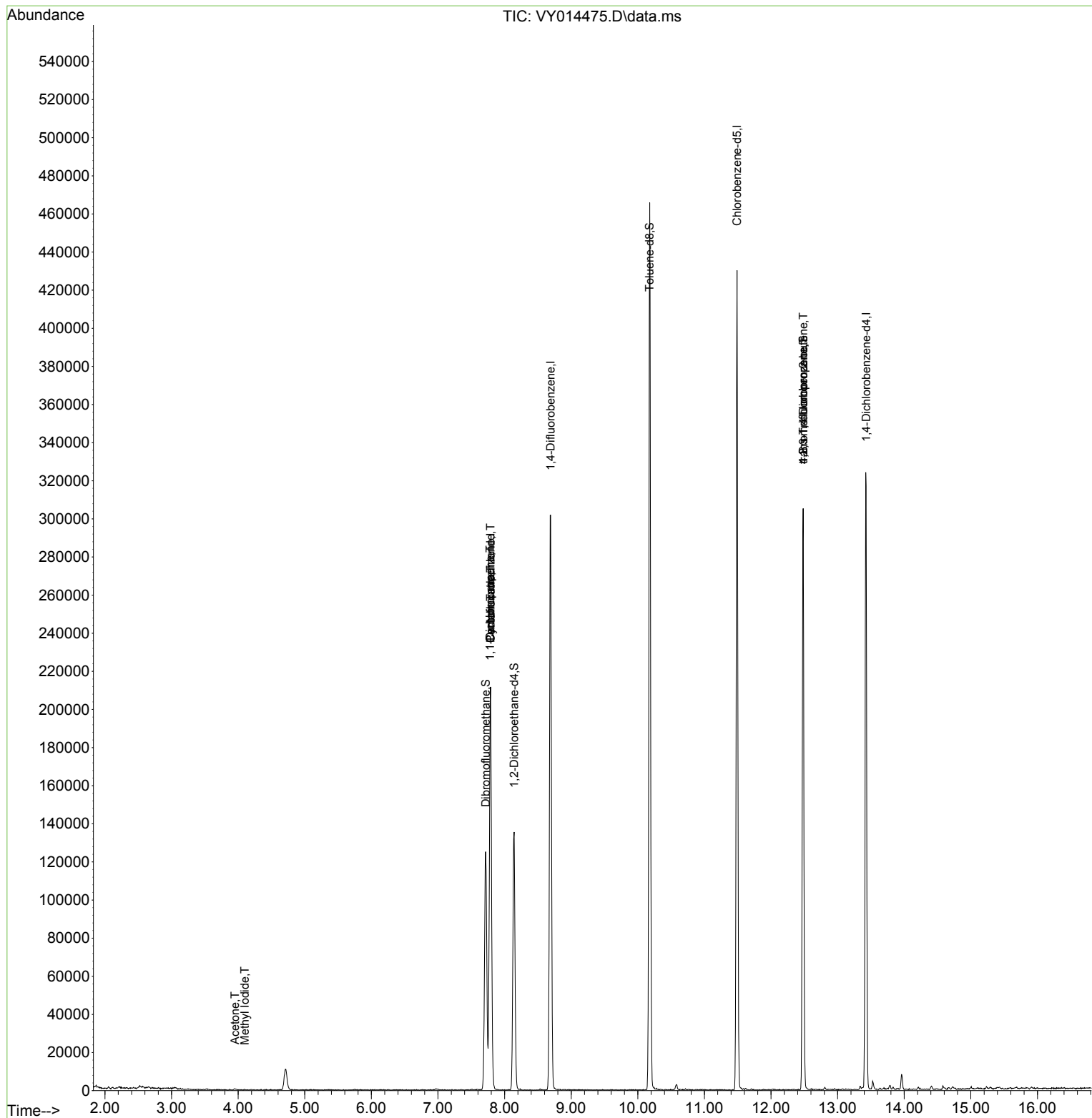
Internal Standards						
1) Pentafluorobenzene	7.789	168	164783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	257427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	116698	57.039	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.080%
35) Dibromofluoromethane	7.716	113	85274	53.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.240%
50) Toluene-d8	10.179	98	303861	48.063	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.120%
62) 4-Bromofluorobenzene	12.483	95	86323	38.246	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.500%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	115	2.928	ug/l #	38
11) Tert butyl alcohol	4.954	59	42	Below Cal	#	89
16) Acetone	3.954	43	860	1.336	ug/l #	81
20) Methylene Chloride	4.710	84	8180	Below Cal		89
31) Cyclohexane	7.789	56	3654	1.446	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	11791	4.811	ug/l #	52
38) Carbon Tetrachloride	7.789	117	16205	5.254	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	46765	43.006	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46765	97.909	ug/l #	11

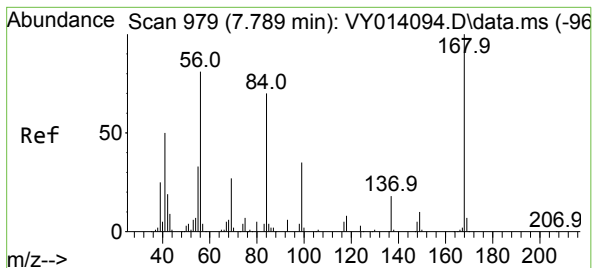
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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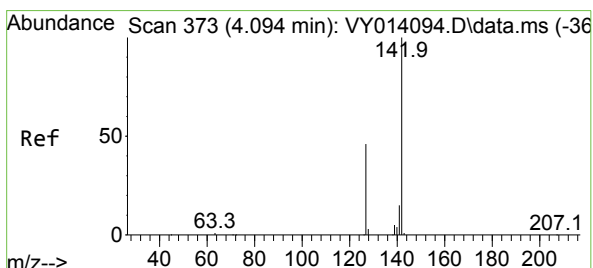
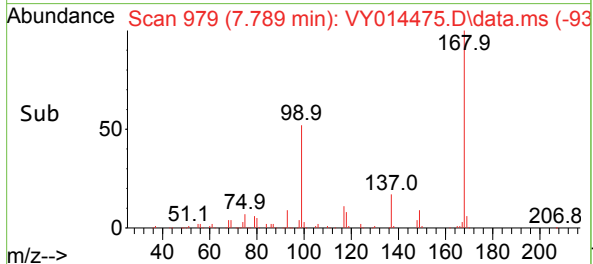
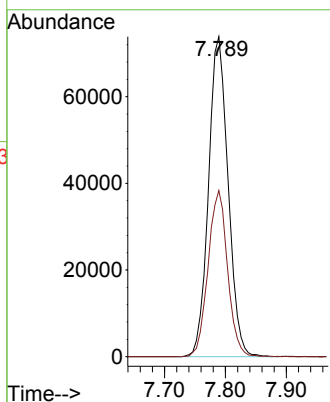
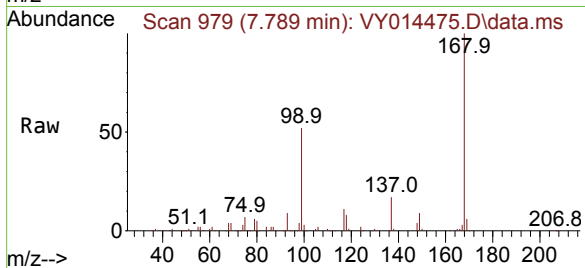




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

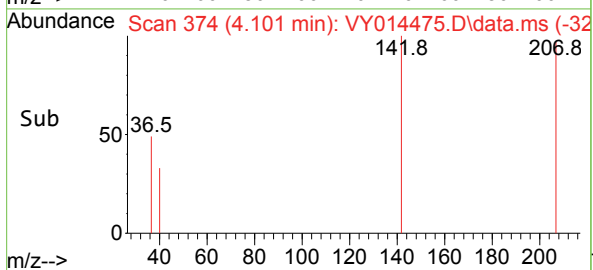
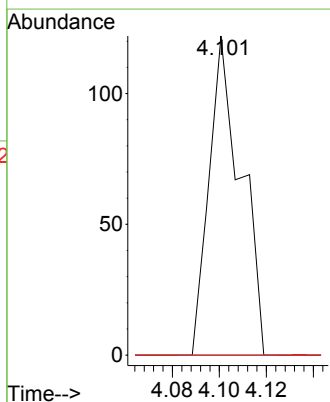
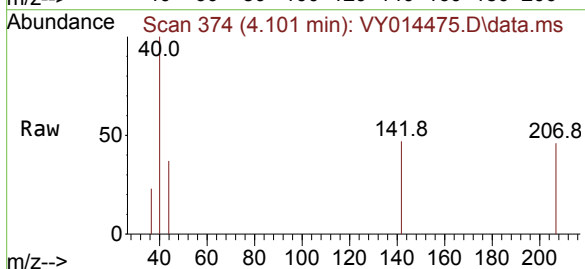
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3RE

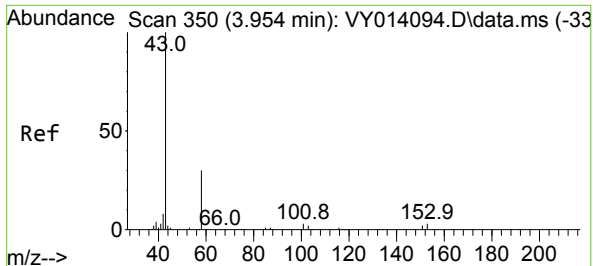
Tgt Ion:168 Resp: 164783
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.928 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

Tgt Ion:142 Resp: 115
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#





#16

Acetone

Concen: 1.336 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.000 min

Lab File: VY014475.D

Acq: 28 Jun 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

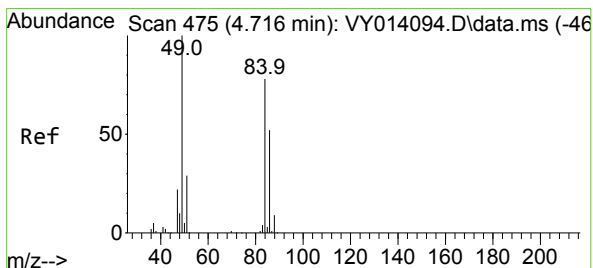
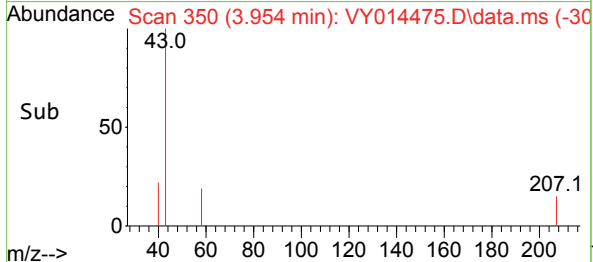
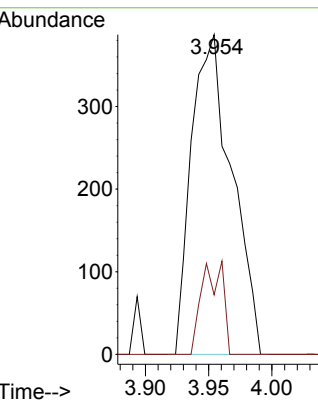
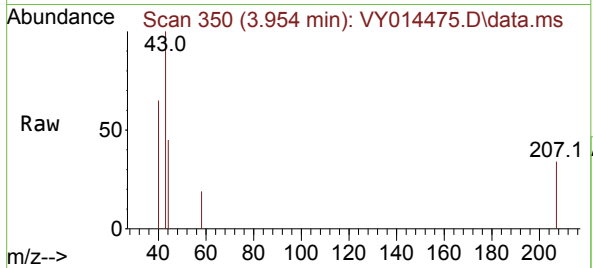
SRY-3RE

Tgt Ion: 43 Resp: 860

Ion Ratio Lower Upper

43 100

58 18.6 22.7 34.1#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY014475.D

Acq: 28 Jun 2023 13:03

Tgt Ion: 84 Resp: 8180

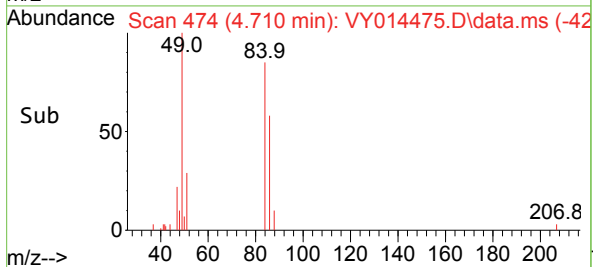
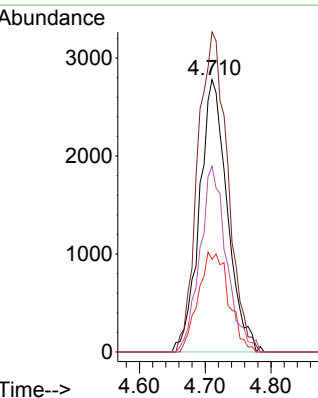
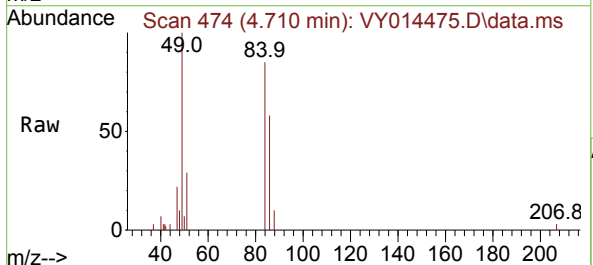
Ion Ratio Lower Upper

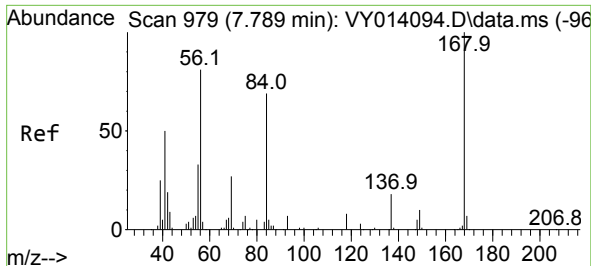
84 100

49 117.5 106.9 160.3

51 34.0 33.2 49.8

86 68.2 51.0 76.6

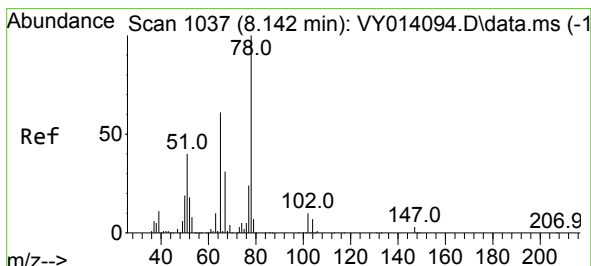
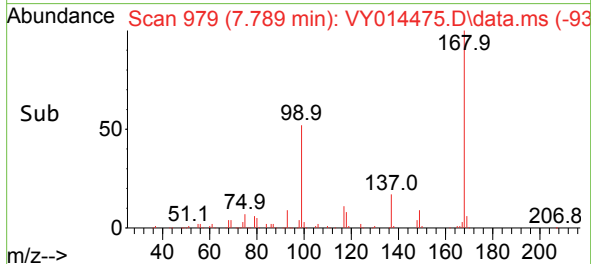
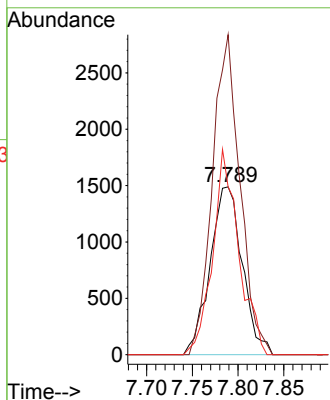
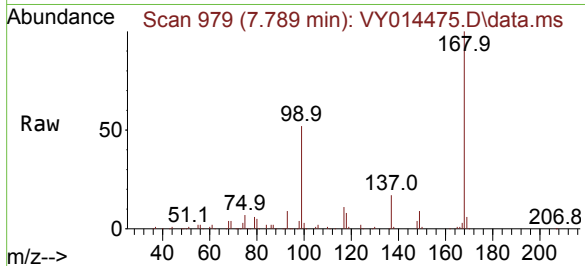




#31
Cyclohexane
Concen: 1.446 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

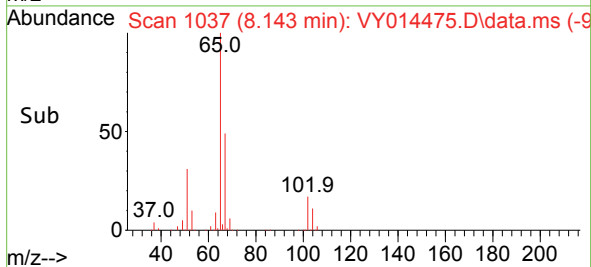
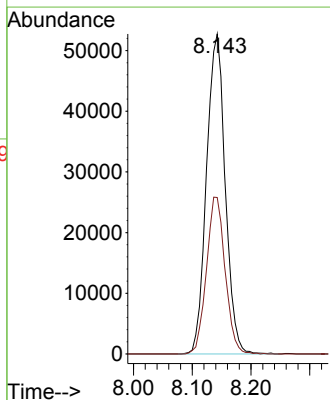
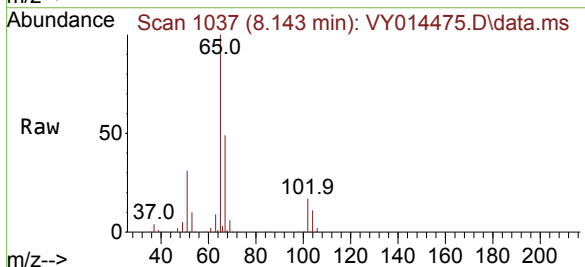
Instrument :
MSVOA_Y
ClientSampleId :
SRY-3RE

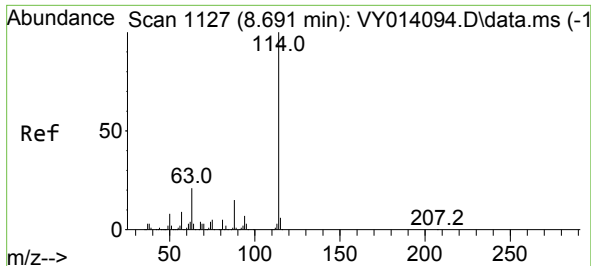
Tgt Ion: 56 Resp: 3654
Ion Ratio Lower Upper
56 100
69 190.7 27.8 41.6#
84 100.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 57.039 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

Tgt Ion: 65 Resp: 116698
Ion Ratio Lower Upper
65 100
67 48.9 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: VY014475.D

Acq: 28 Jun 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SRY-3RE

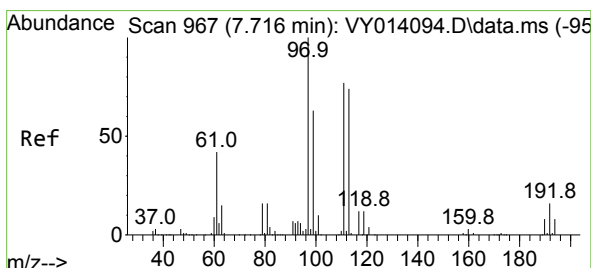
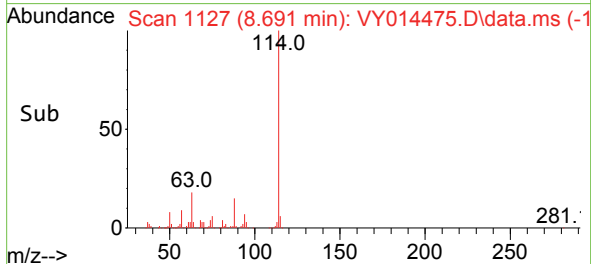
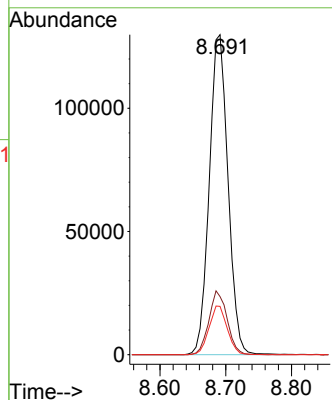
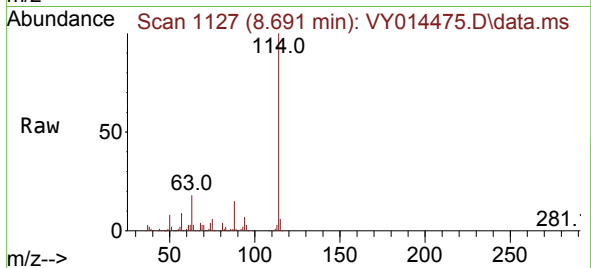
Tgt Ion:114 Resp: 257427

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.617 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014475.D

Acq: 28 Jun 2023 13:03

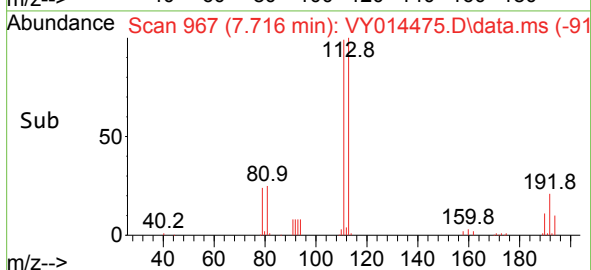
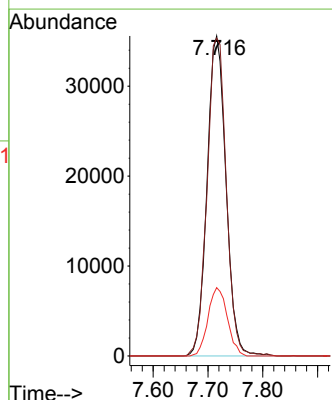
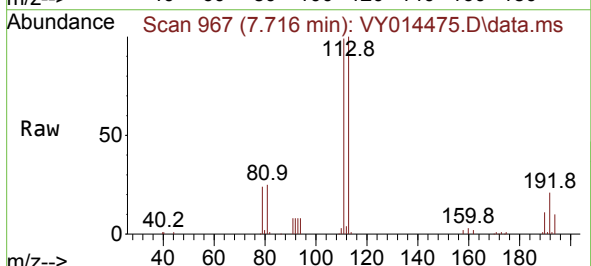
Tgt Ion:113 Resp: 85274

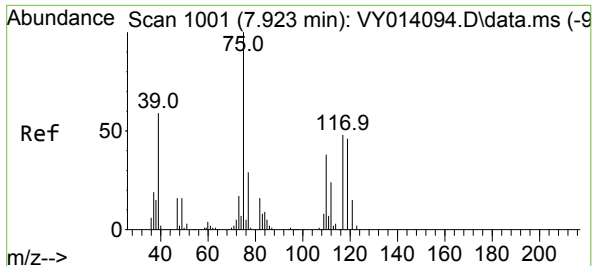
Ion Ratio Lower Upper

113 100

111 100.6 81.3 121.9

192 21.8 16.9 25.3

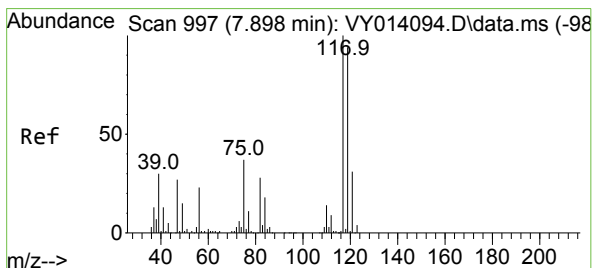
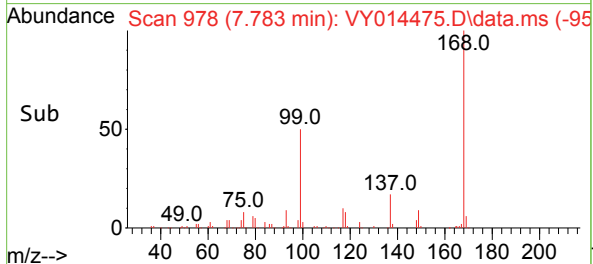
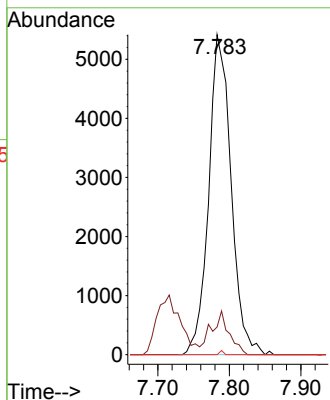
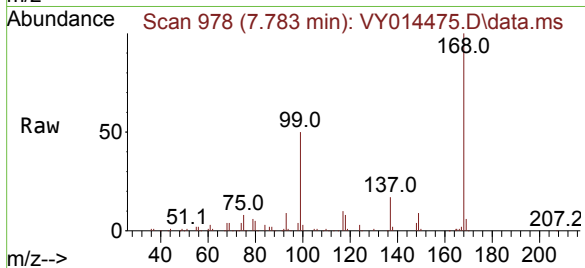




#36
1,1-Dichloropropene
Concen: 4.811 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.140 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

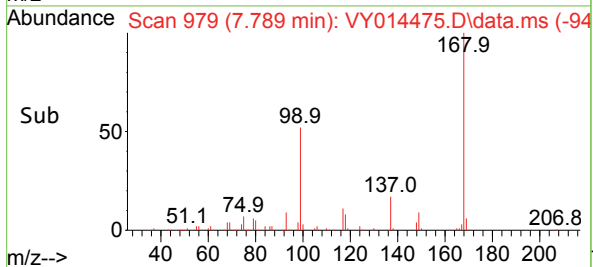
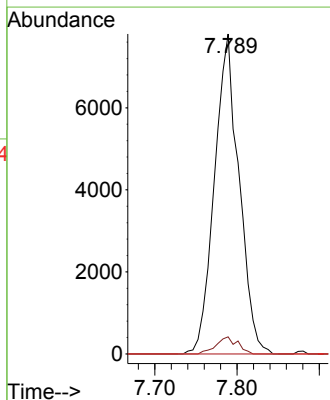
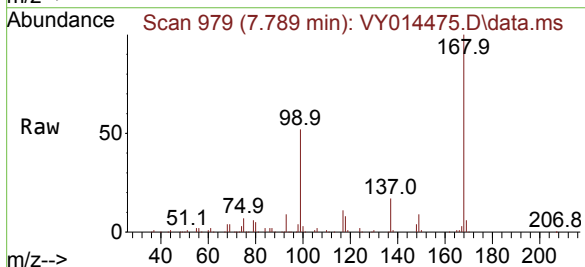
Instrument :
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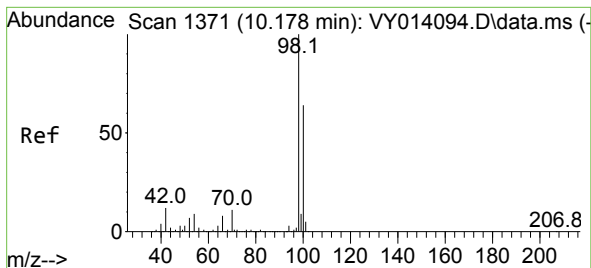
Tgt Ion: 75 Resp: 11791
Ion Ratio Lower Upper
75 100
110 10.9 17.8 53.5#
77 0.2 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.254 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

Tgt Ion:117 Resp: 16205
Ion Ratio Lower Upper
117 100
119 5.3 76.4 114.6#
121 0.0 25.8 38.6#

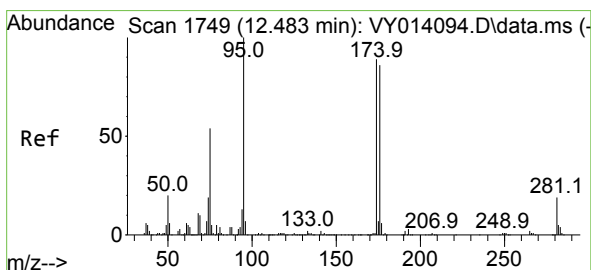
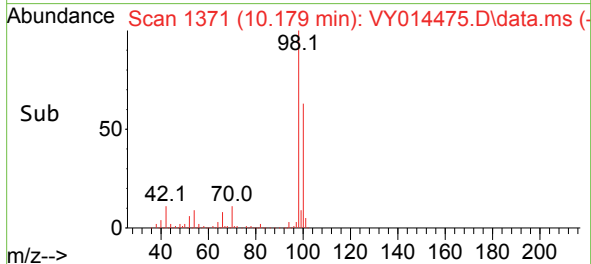
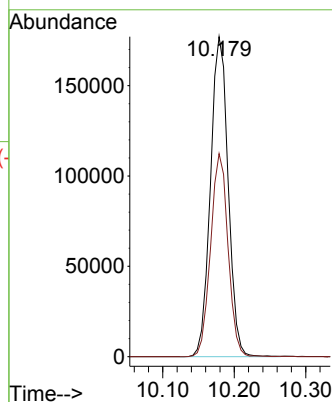
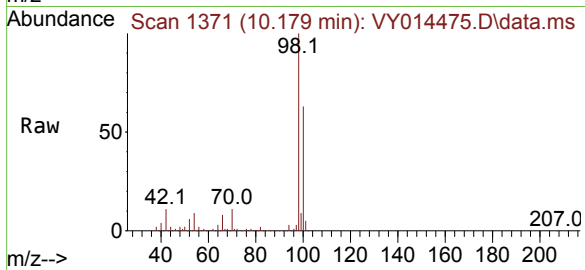




#50
Toluene-d8
Concen: 48.063 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

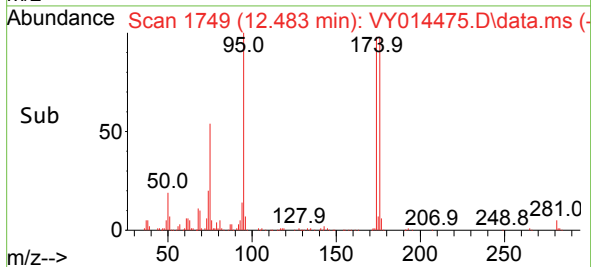
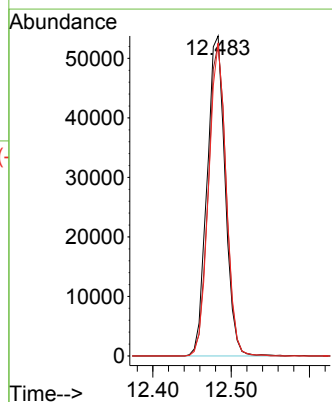
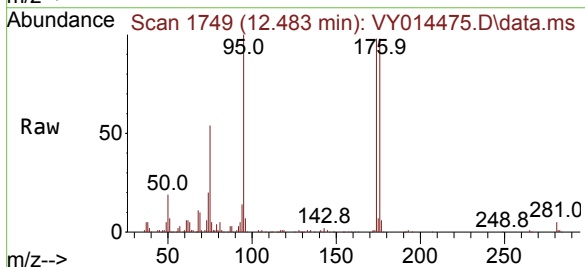
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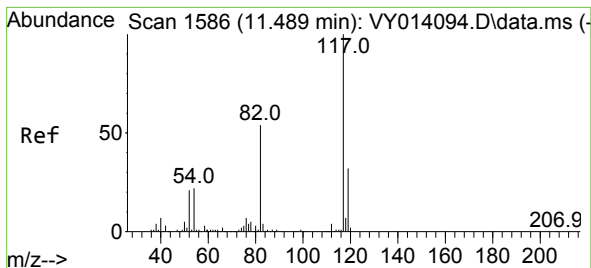
Tgt Ion: 98 Resp: 303861
Ion Ratio Lower Upper
98 100
100 62.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 38.246 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

Tgt Ion: 95 Resp: 86323
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.2
176 94.3 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: VY014475.D

Acq: 28 Jun 2023 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SRY-3RE

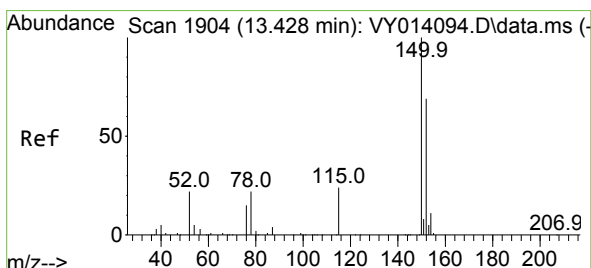
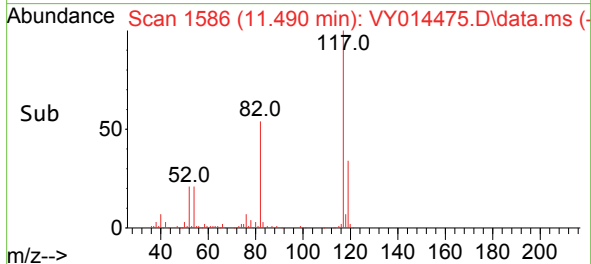
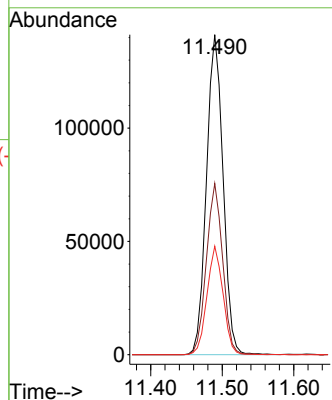
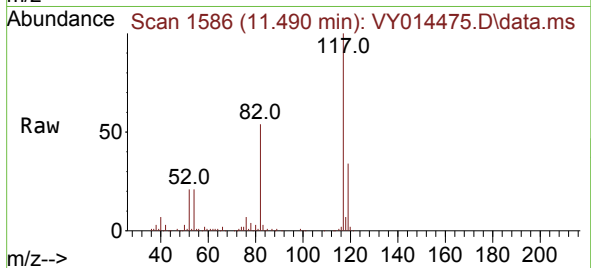
Tgt Ion:117 Resp: 227752

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

119 33.9 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY014475.D

Acq: 28 Jun 2023 13:03

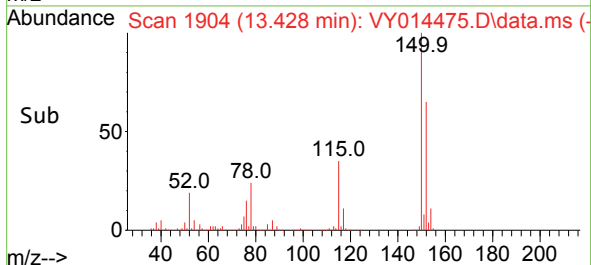
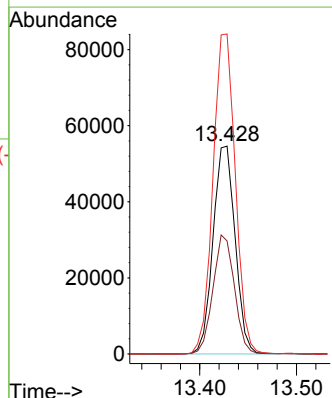
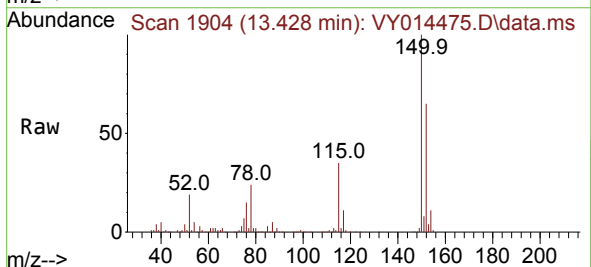
Tgt Ion:152 Resp: 86687

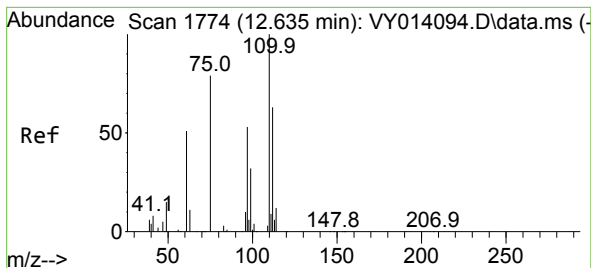
Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 155.7 0.0 348.8

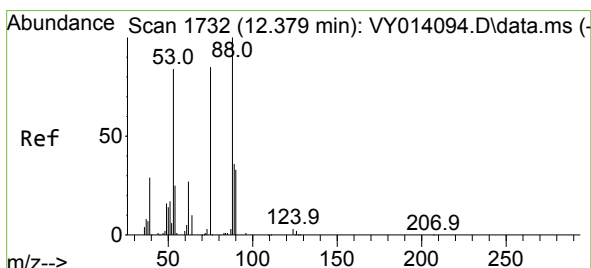
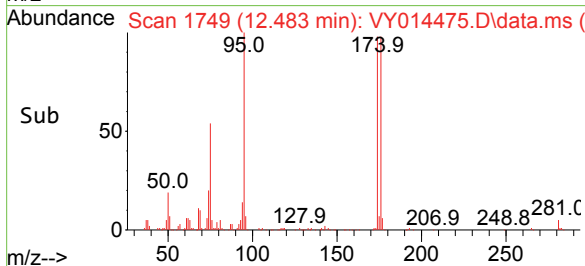
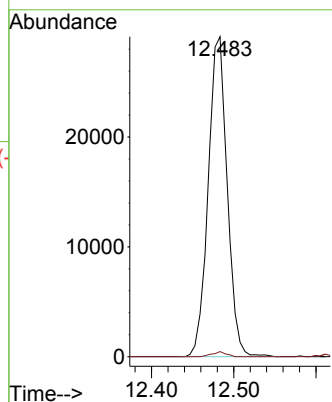
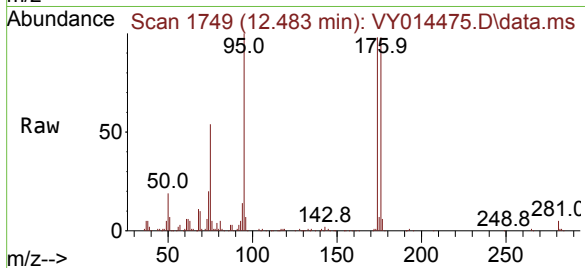




#76
1,2,3-Trichloropropane
Concen: 43.006 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SRY-3RE

Tgt Ion: 75 Resp: 46765
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.909 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014475.D
Acq: 28 Jun 2023 13:03

Tgt Ion: 75 Resp: 46765
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

