

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014459.D
 Acq On : 27 Jun 2023 15:35
 Operator : KP/MD
 Sample : 03394-01RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1651RE

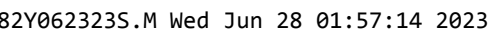
Quant Time: Jun 28 01:57:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

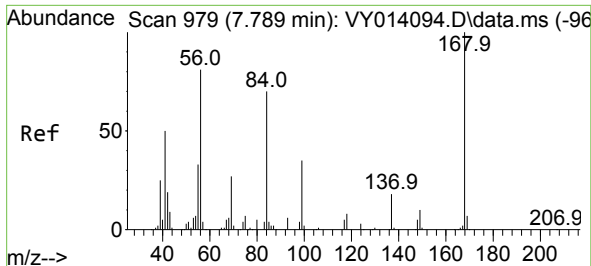
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	860	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1324	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	973	91.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.240%#	
35) Dibromofluoromethane	7.716	113	162	16.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 33.240%#	
50) Toluene-d8	10.185	98	1668	43.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.080%	
62) 4-Bromofluorobenzene	12.495	95	280	20.238	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	= 40.480%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.119	50	33	4.224	ug/l	# 43
4) Vinyl Chloride	2.436	62	21	2.466	ug/l	# 44
10) Methyl Iodide	4.088	142	122	13.826	ug/l	# 62
16) Acetone	3.942	43	55	16.370	ug/l	# 46
76) 1,2,3-Trichloropropane	12.483	75	80	55.943	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	80	127.363	ug/l	# 10

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

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QLast Update : Fri Jun 23 17:18:46 2023
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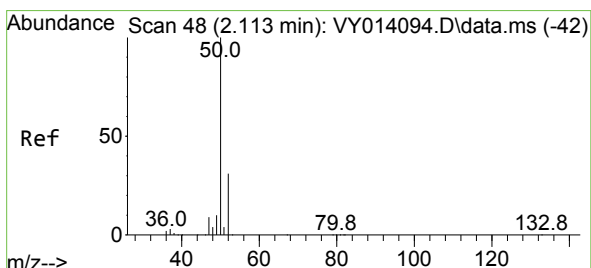
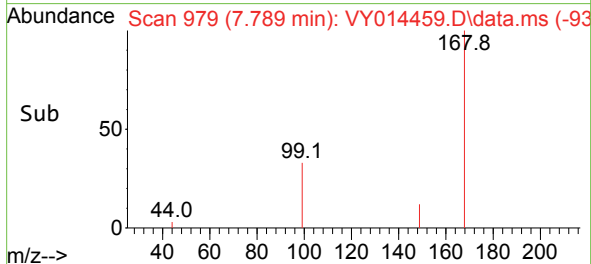
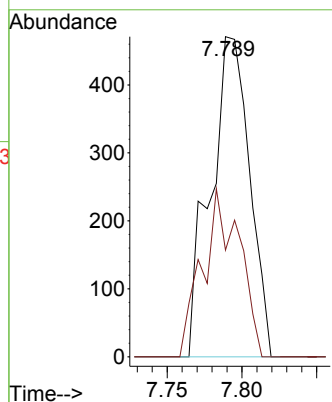
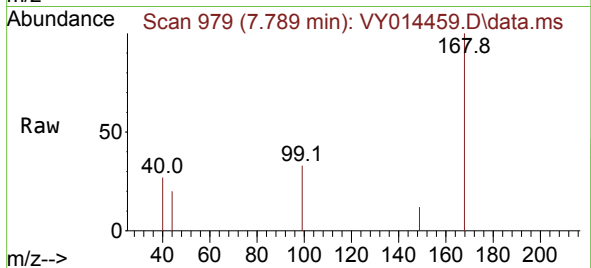




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

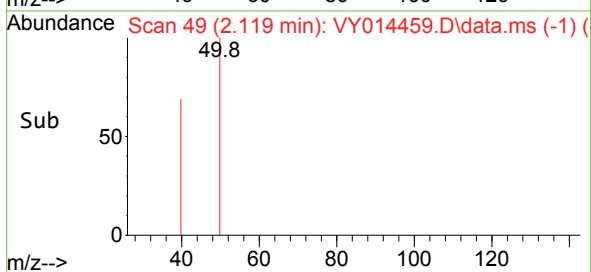
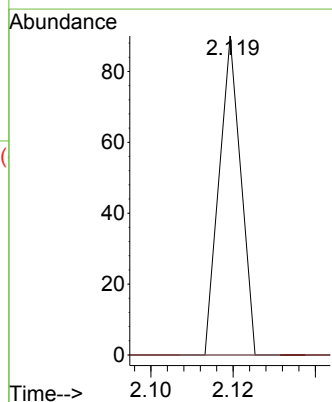
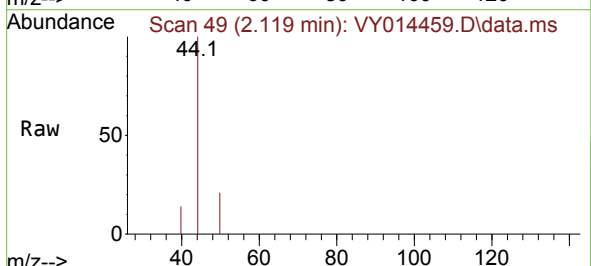
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651RE

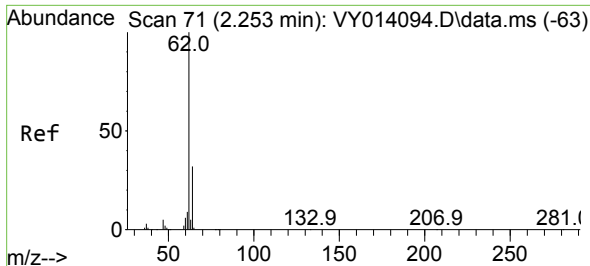
Tgt Ion:168 Resp: 860
Ion Ratio Lower Upper
168 100
99 33.3 43.4 65.0#



#3
Chloromethane
Concen: 4.224 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

Tgt Ion: 50 Resp: 33
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

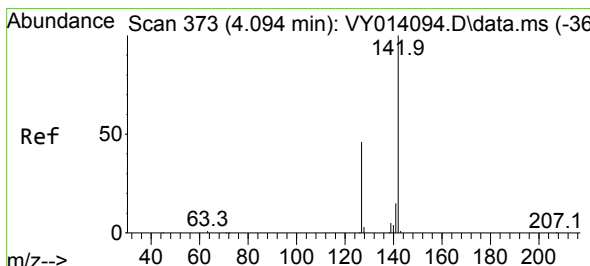
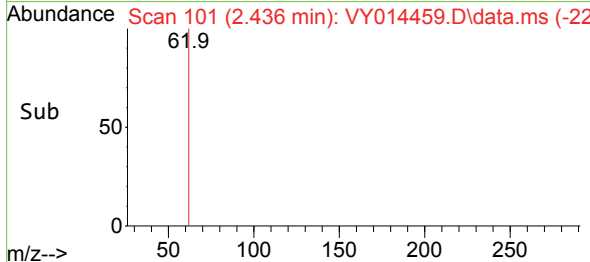
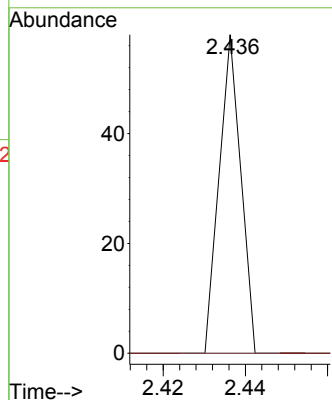
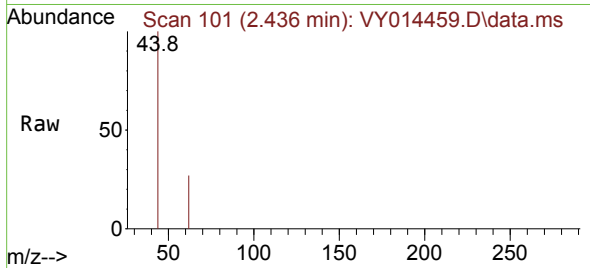




#4
 Vinyl Chloride
 Concen: 2.466 ug/l
 RT: 2.436 min Scan# 101
 Delta R.T. 0.183 min
 Lab File: VY014459.D
 Acq: 27 Jun 2023 15:35

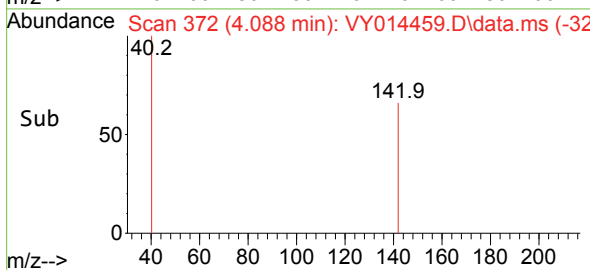
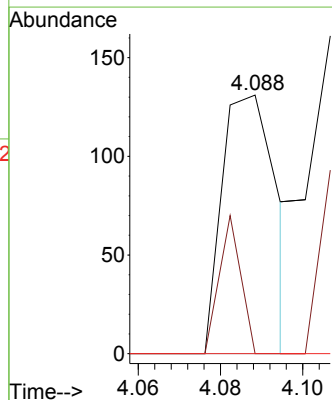
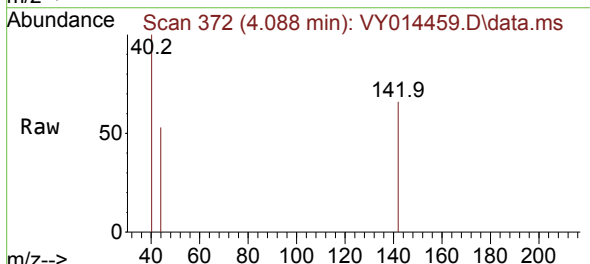
Instrument :
 MSVOA_Y
 ClientSampleId :
 ORA-1651RE

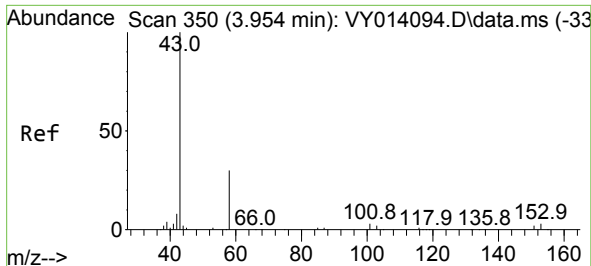
Tgt Ion: 62 Resp: 21
 Ion Ratio Lower Upper
 62 100
 64 0.0 24.3 36.5#



#10
 Methyl Iodide
 Concen: 13.826 ug/l
 RT: 4.088 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: VY014459.D
 Acq: 27 Jun 2023 15:35

Tgt Ion: 142 Resp: 122
 Ion Ratio Lower Upper
 142 100
 127 21.3 37.6 56.4#
 141 0.0 11.8 17.8#

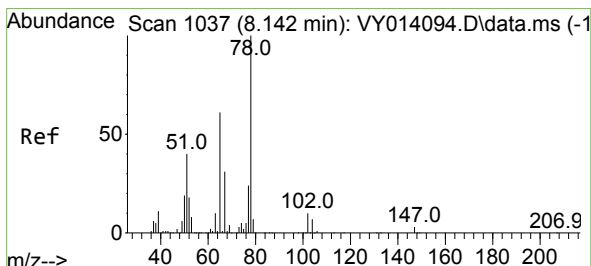
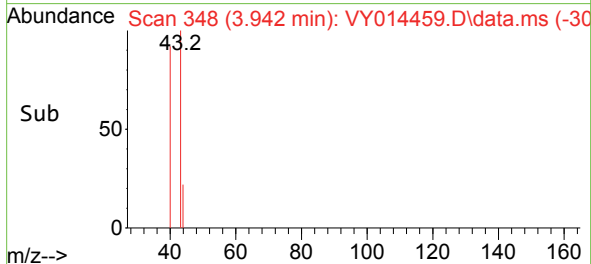
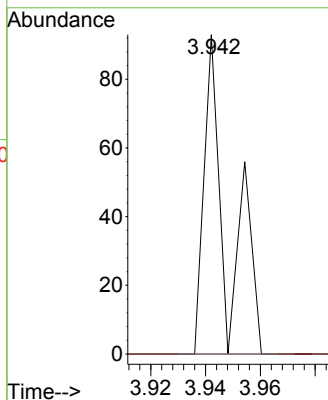
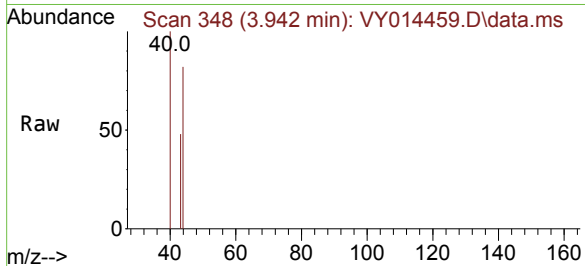




#16
Acetone
Concen: 16.370 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.012 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

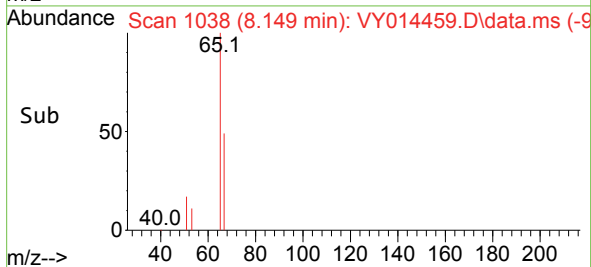
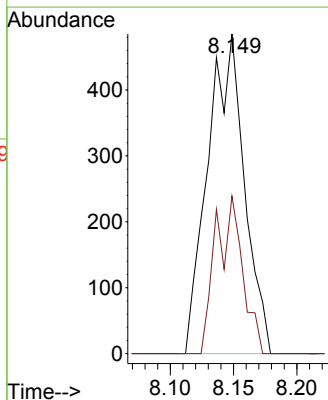
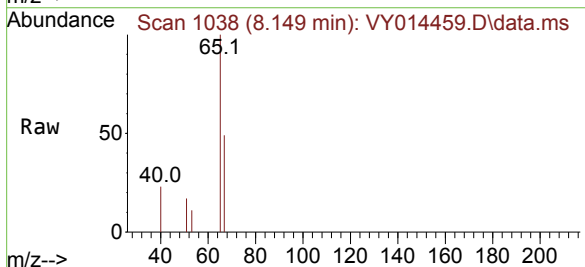
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651RE

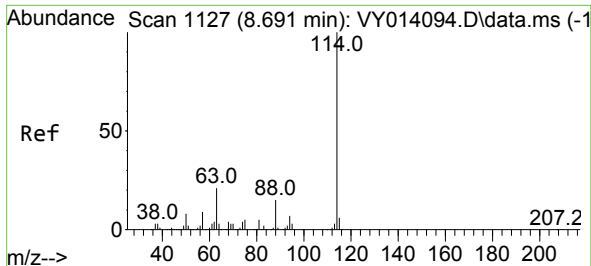
Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#33
1,2-Dichloroethane-d4
Concen: 91.125 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.007 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

Tgt Ion: 65 Resp: 973
Ion Ratio Lower Upper
65 100
67 36.2 0.0 101.8

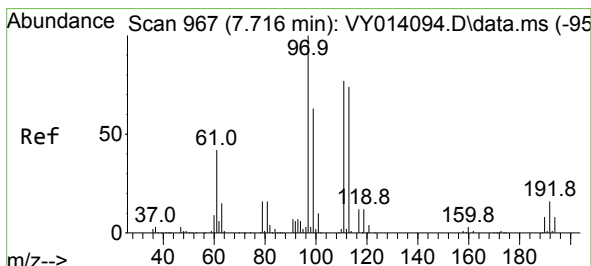
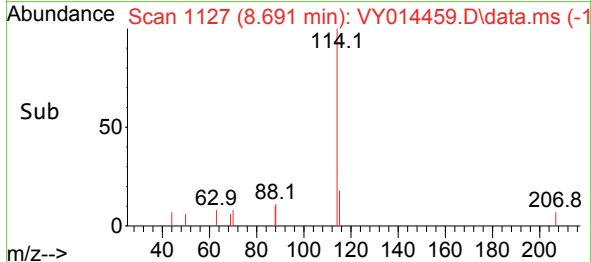
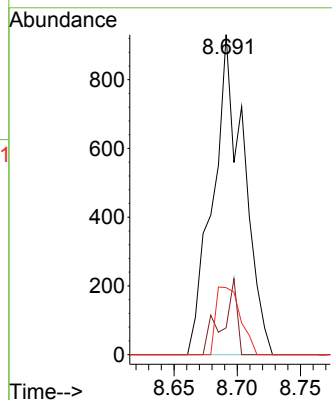
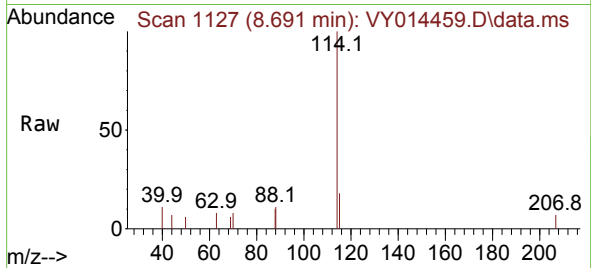




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

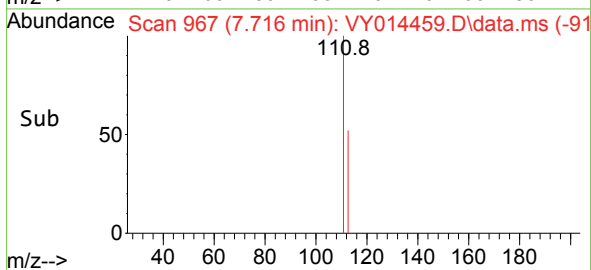
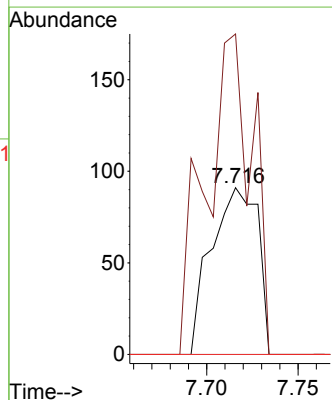
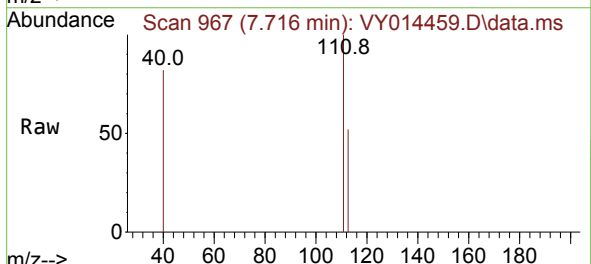
Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651RE

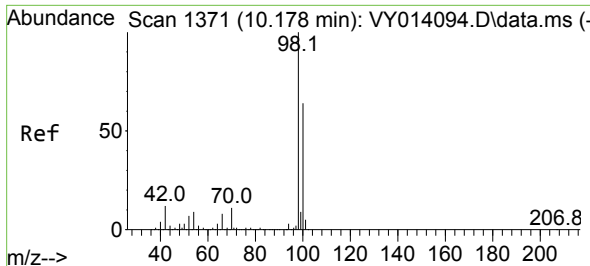
Tgt Ion:	114	Resp:	1578
Ion	Ratio	Lower	Upper
114	100		
63	8.4	0.0	42.4
88	20.9	0.0	30.6



#35
Dibromofluoromethane
Concen: 16.617 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

Tgt Ion:	113	Resp:	162
Ion	Ratio	Lower	Upper
113	100		
111	189.5	81.3	121.9#
192	0.0	16.9	25.3#

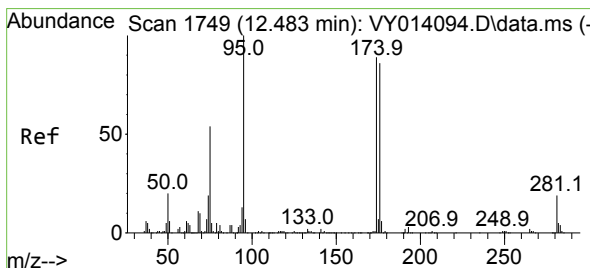
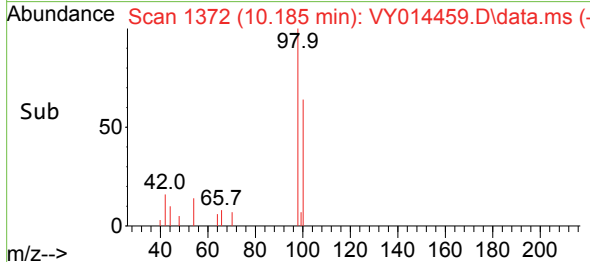
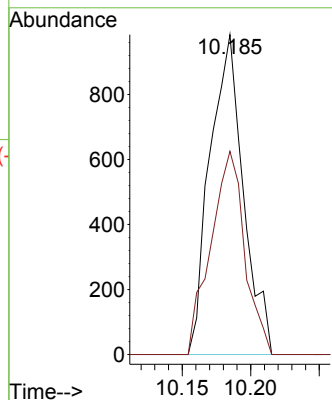
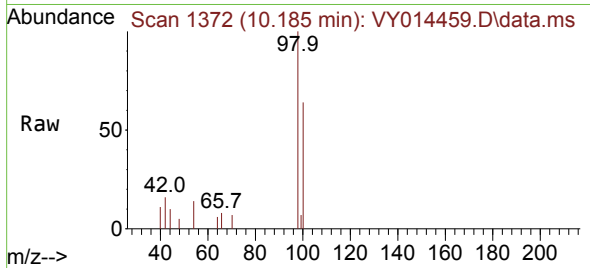




#50
Toluene-d8
Concen: 43.040 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

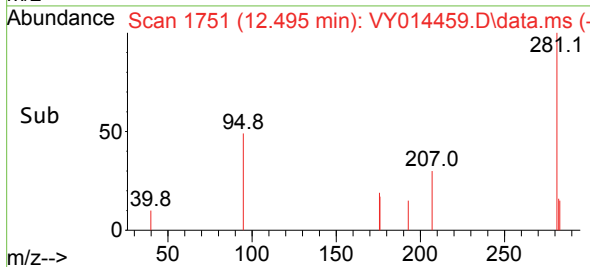
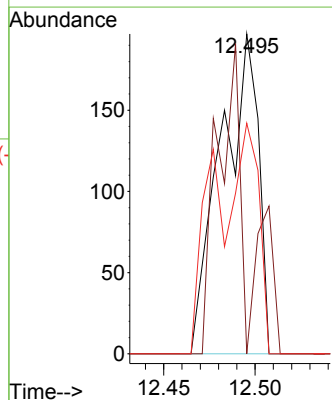
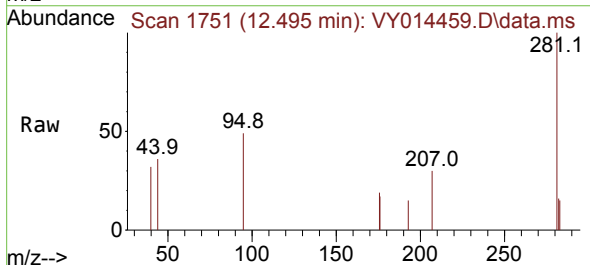
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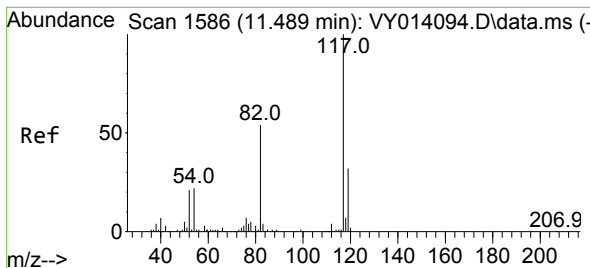
Tgt Ion: 98 Resp: 1668
Ion Ratio Lower Upper
98 100
100 64.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 20.238 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.012 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

Tgt Ion: 95 Resp: 280
Ion Ratio Lower Upper
95 100
174 79.3 0.0 178.2
176 46.1 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: VY014459.D

Acq: 27 Jun 2023 15:35

Instrument :

MSVOA_Y

ClientSampleId :

ORA-1651RE

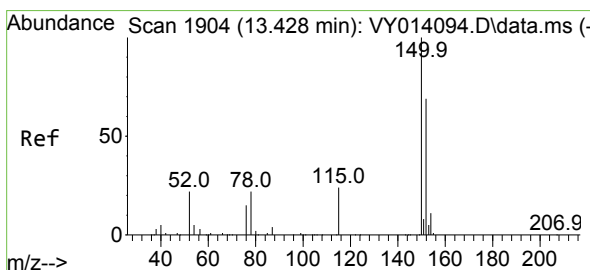
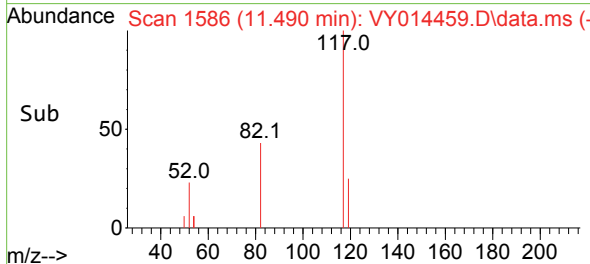
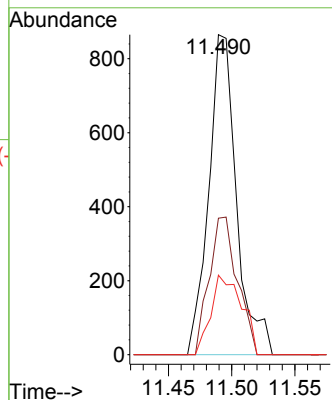
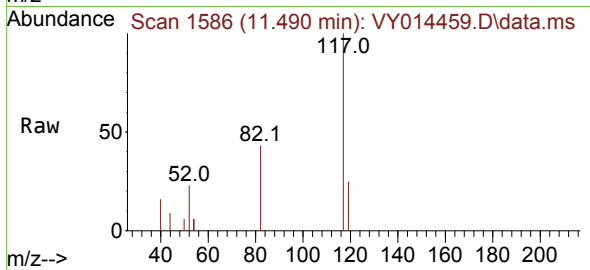
Tgt Ion:117 Resp: 1324

Ion Ratio Lower Upper

117 100

82 42.7 43.4 65.0#

119 24.9 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: VY014459.D

Acq: 27 Jun 2023 15:35

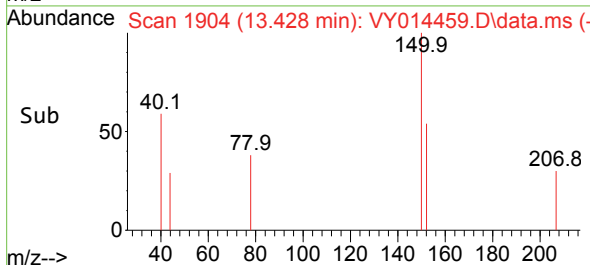
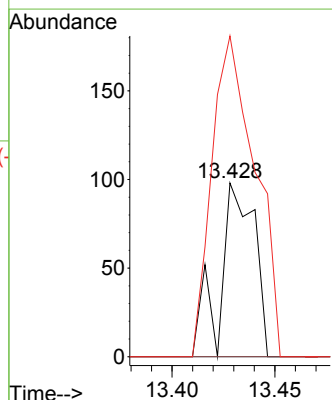
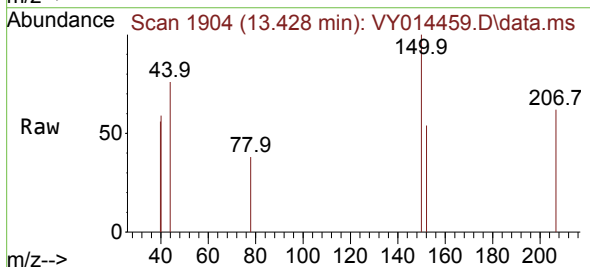
Tgt Ion:152 Resp: 114

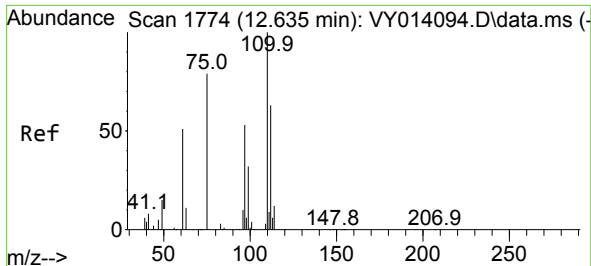
Ion Ratio Lower Upper

152 100

115 0.0 28.8 86.5#

150 232.5 0.0 348.8

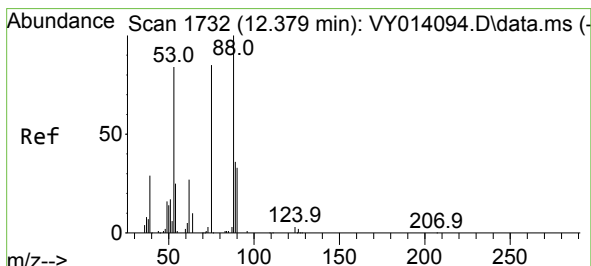
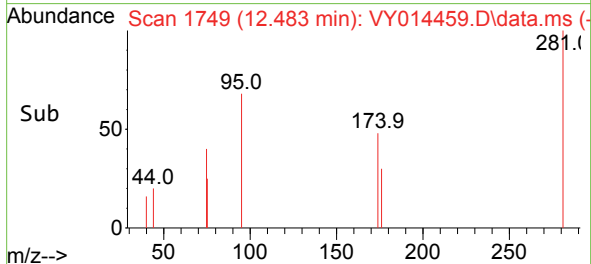
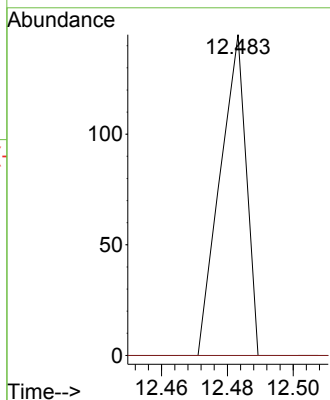
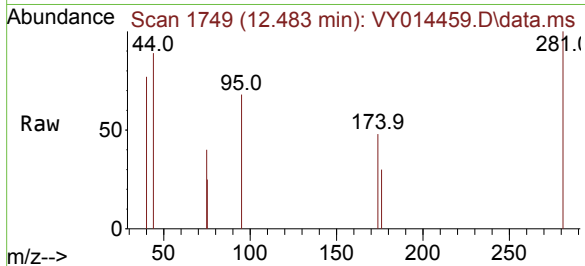




#76
1,2,3-Trichloropropane
Concen: 55.943 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

Instrument :
MSVOA_Y
ClientSampleId :
ORA-1651RE

Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 127.363 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014459.D
Acq: 27 Jun 2023 15:35

Tgt Ion: 75 Resp: 80
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

