

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014464.D
 Acq On : 27 Jun 2023 17:32
 Operator : KP/MD
 Sample : 03392-08
 Misc : 6.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-64

Quant Time: Jun 28 02:27:31 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)

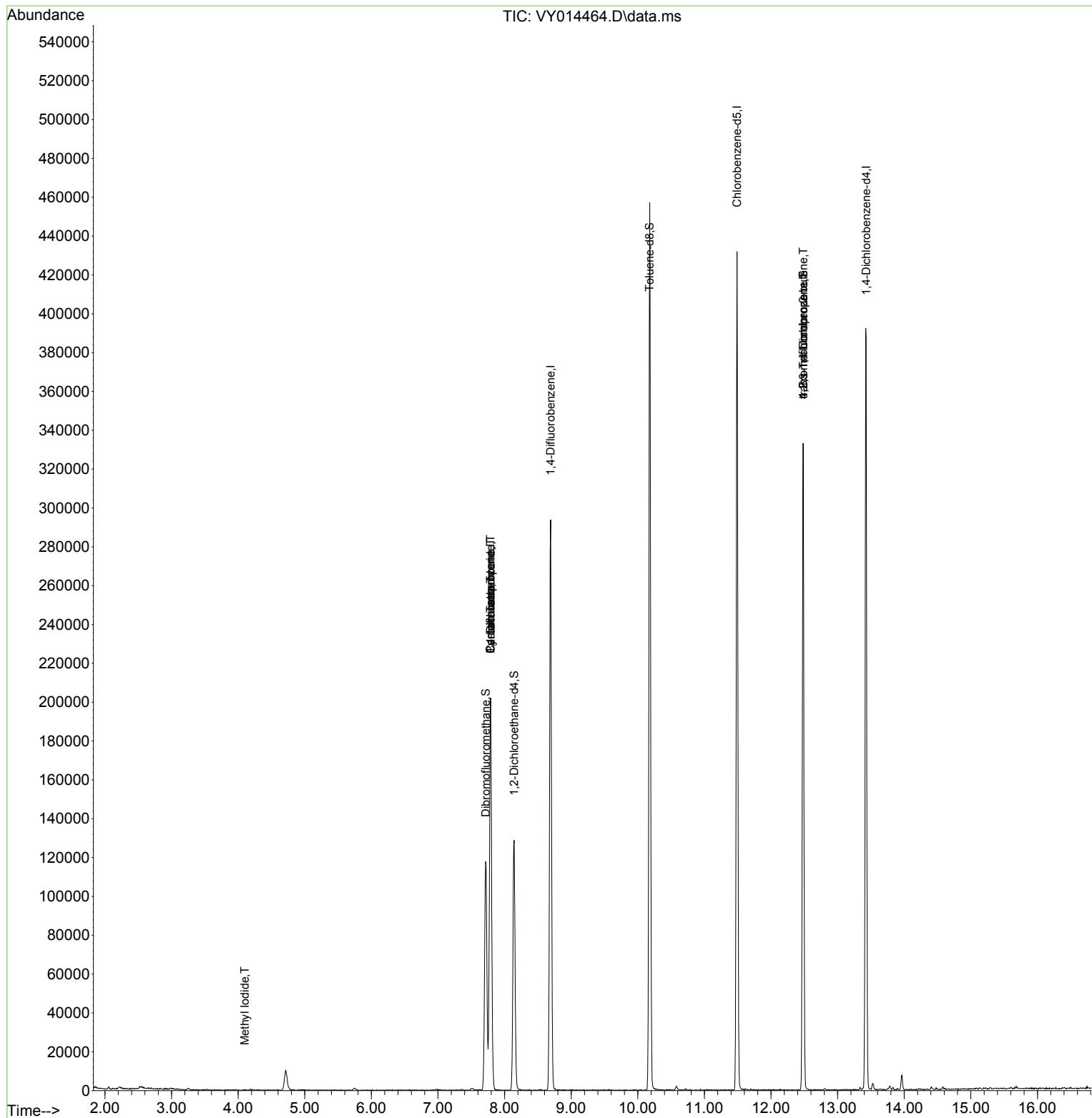
Internal Standards						
1) Pentafluorobenzene	7.789	168	159841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	250037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	233773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	106810	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	113946	57.416	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.840%	
35) Dibromofluoromethane	7.716	113	80123	51.867	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.740%	
50) Toluene-d8	10.179	98	297419	48.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	12.483	95	91335	41.662	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 83.320%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	26	2.887	ug/l #	44
11) Tert butyl alcohol	4.960	59	384	Below Cal	#	89
20) Methylene Chloride	4.716	84	7297	Below Cal	#	83
31) Cyclohexane	7.789	56	2991	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10872	4.567	ug/l #	52
38) Carbon Tetrachloride	7.789	117	15434	5.152	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	50429	37.638	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50429	85.689	ug/l #	10

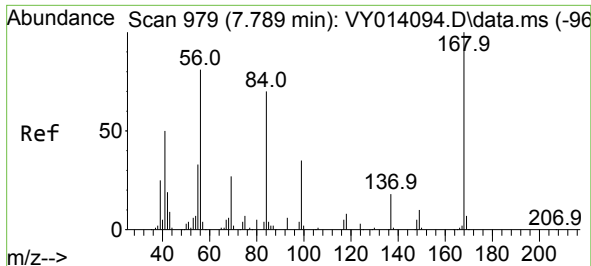
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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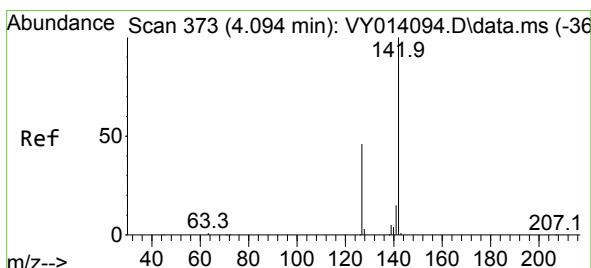
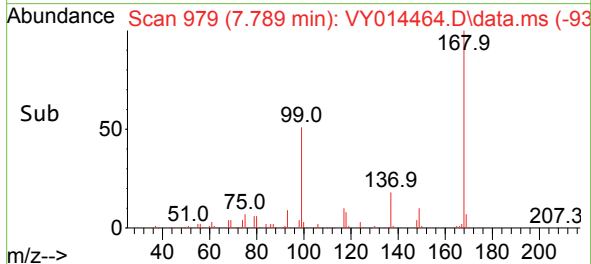
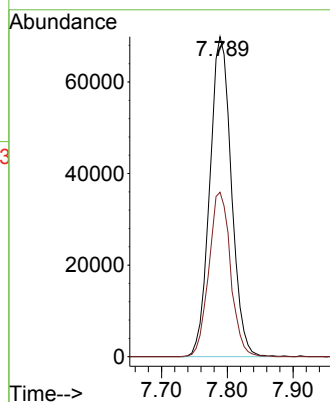
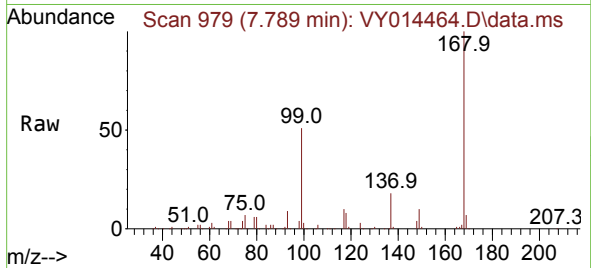




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

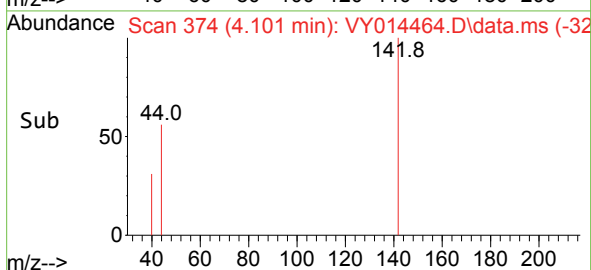
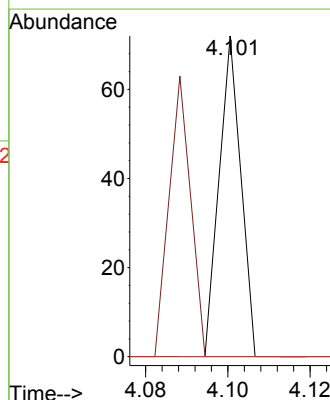
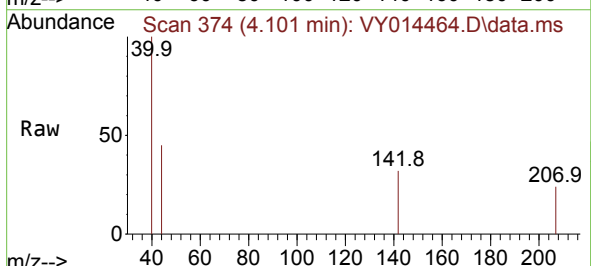
Instrument :
MSVOA_Y
ClientSampleId :
SB-64

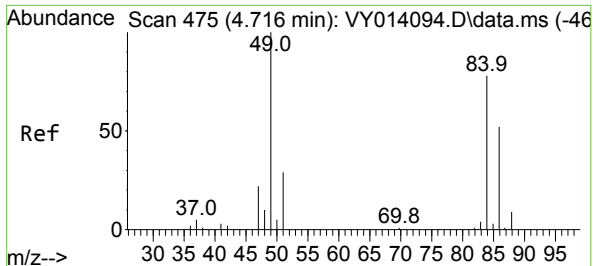
Tgt Ion:168 Resp: 159841
Ion Ratio Lower Upper
168 100
99 51.4 43.4 65.0



#10
Methyl Iodide
Concen: 2.887 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

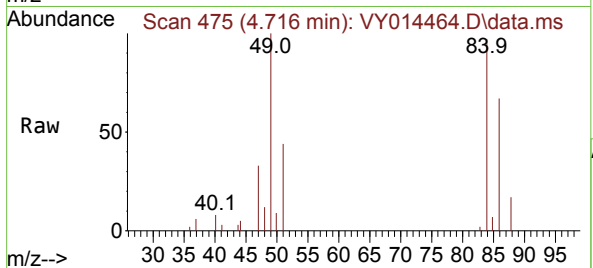
Tgt Ion:142 Resp: 26
Ion Ratio Lower Upper
142 100
127 88.5 37.6 56.4#
141 0.0 11.8 17.8#



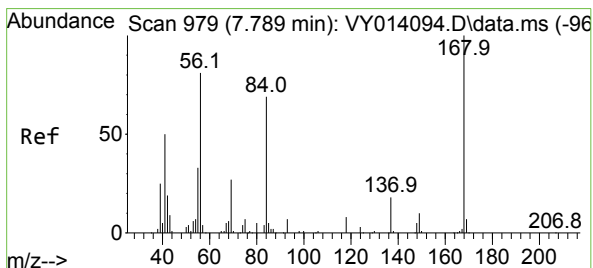
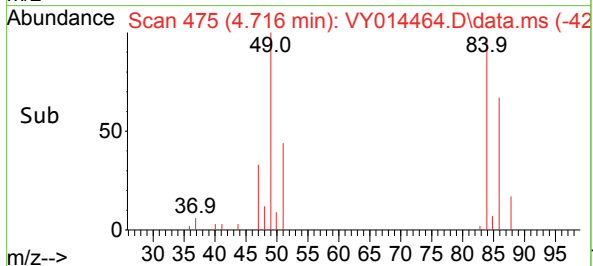
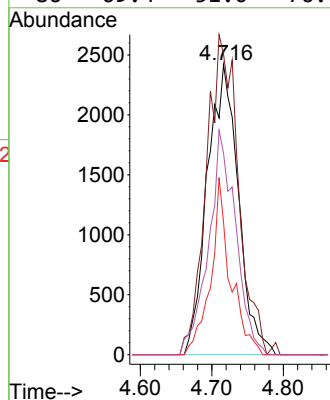


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

Instrument :
MSVOA_Y
ClientSampleId :
SB-64

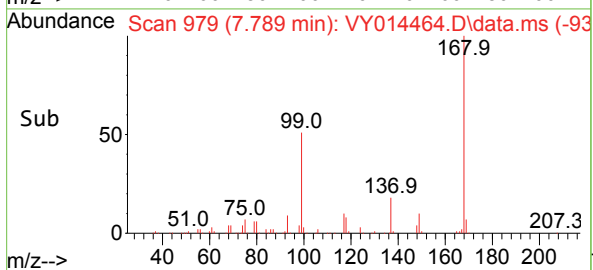
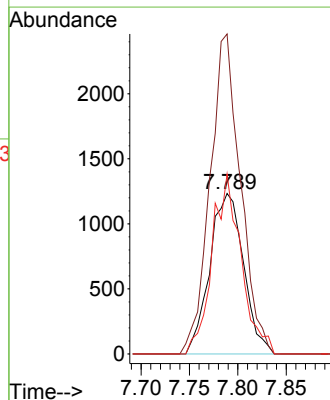
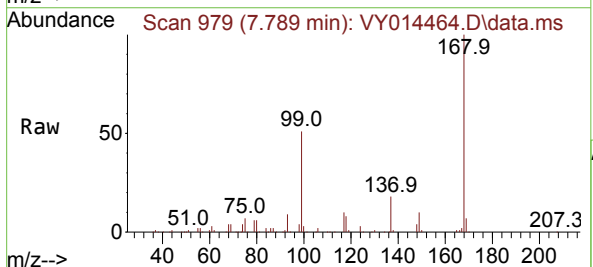


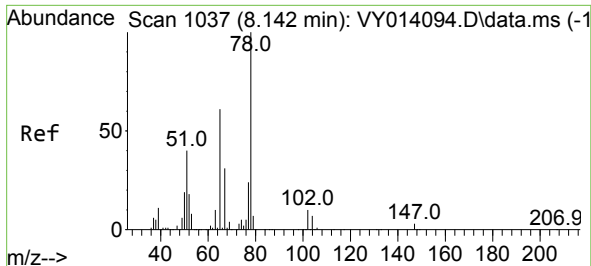
Tgt Ion:	84	Resp:	7297
Ion	Ratio	Lower	Upper
84	100		
49	103.5	106.9	160.3#
51	45.6	33.2	49.8
86	69.4	51.0	76.6



#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

Tgt Ion:	56	Resp:	2991
Ion	Ratio	Lower	Upper
56	100		
69	199.4	27.8	41.6#
84	121.0	66.4	99.6#

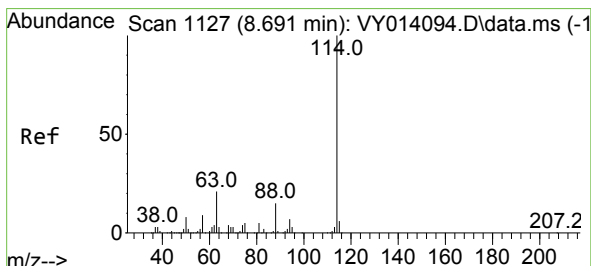
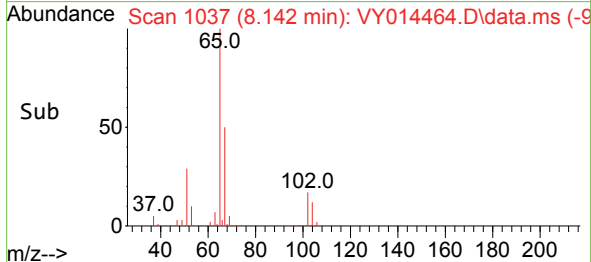
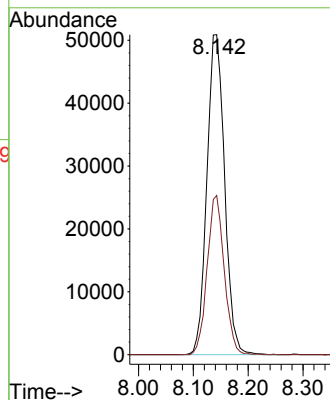
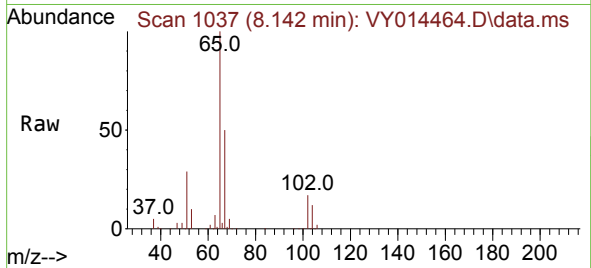




#33
 1,2-Dichloroethane-d4
 Concen: 57.416 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY014464.D
 Acq: 27 Jun 2023 17:32

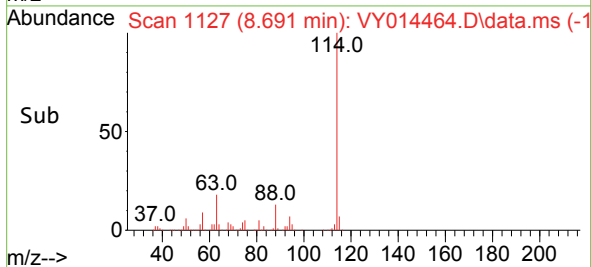
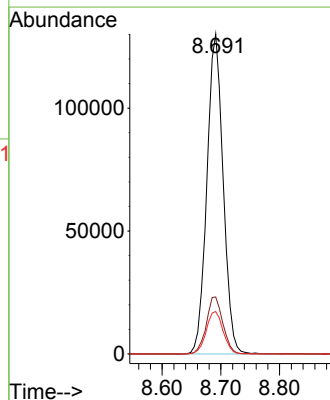
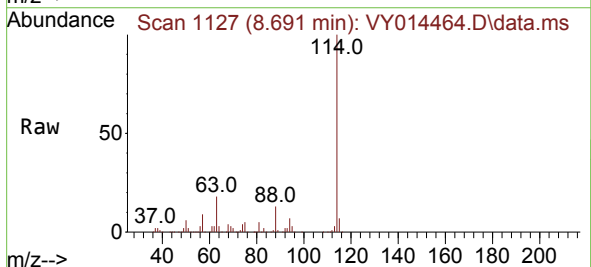
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-64

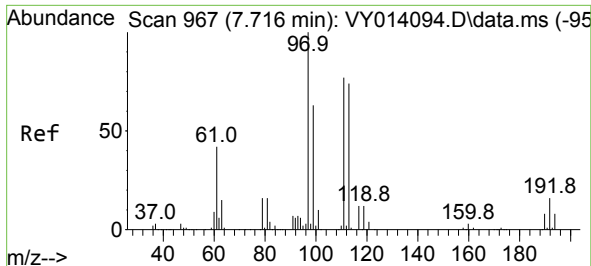
Tgt Ion: 65 Resp: 113946
 Ion Ratio Lower Upper
 65 100
 67 48.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014464.D
 Acq: 27 Jun 2023 17:32

Tgt Ion: 114 Resp: 250037
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 42.4
 88 13.3 0.0 30.6

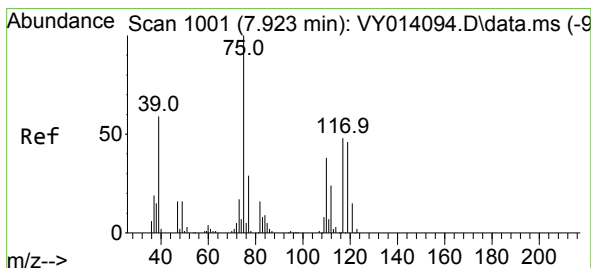
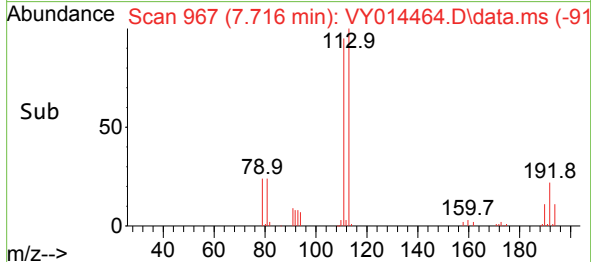
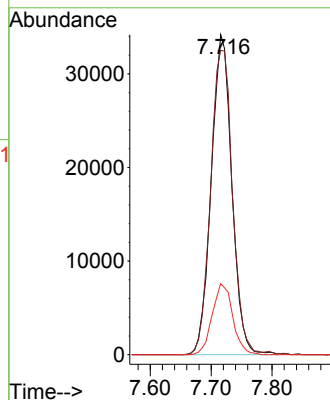
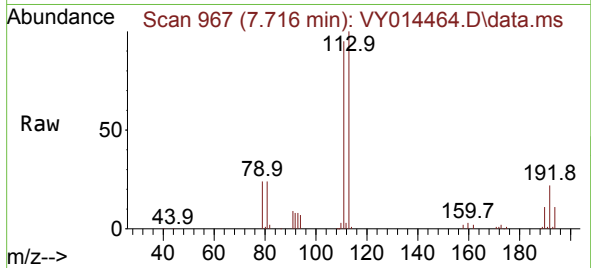




#35
Dibromofluoromethane
Concen: 51.867 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

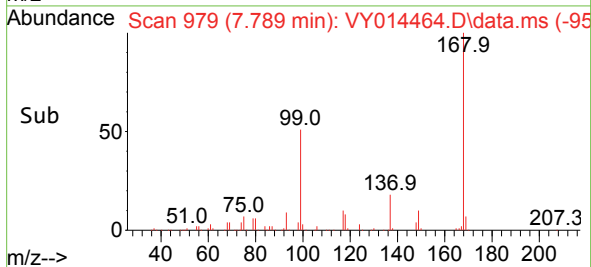
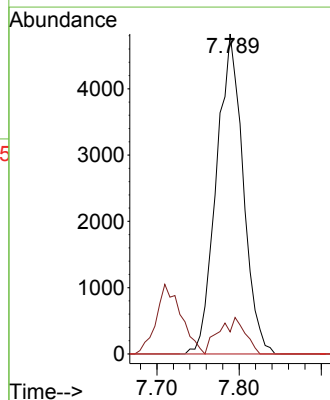
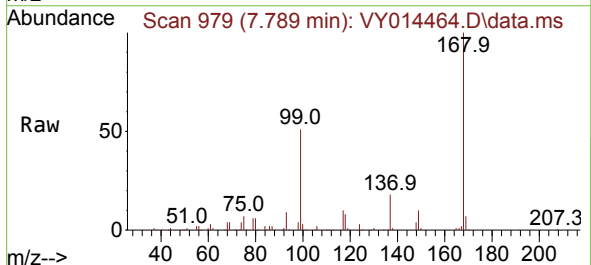
Instrument :
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ClientSampleId :
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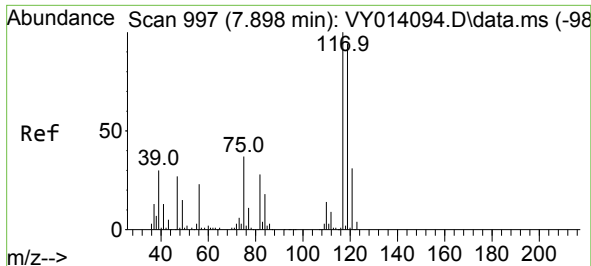
Tgt Ion:113 Resp: 80123
Ion Ratio Lower Upper
113 100
111 100.9 81.3 121.9
192 22.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.567 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

Tgt Ion: 75 Resp: 10872
Ion Ratio Lower Upper
75 100
110 11.1 17.8 53.5#
77 0.0 24.4 36.6#

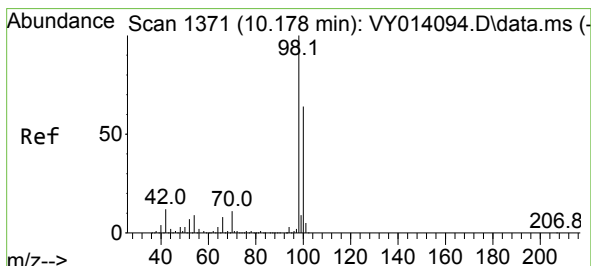
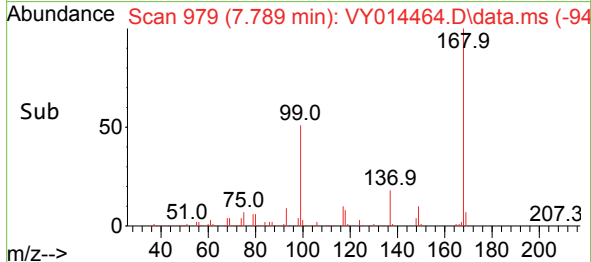
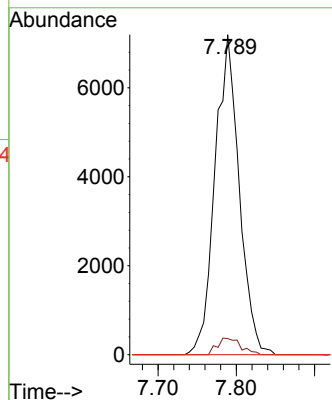
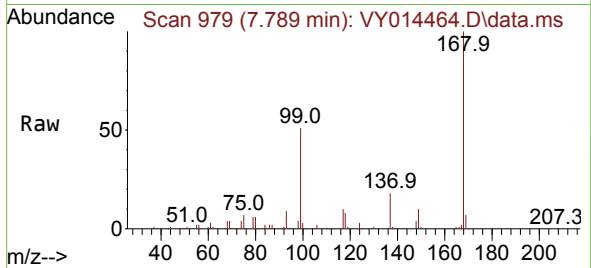




#38
Carbon Tetrachloride
Concen: 5.152 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

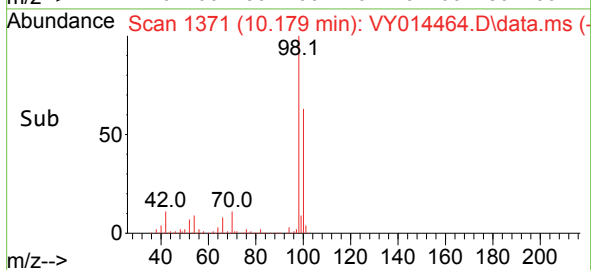
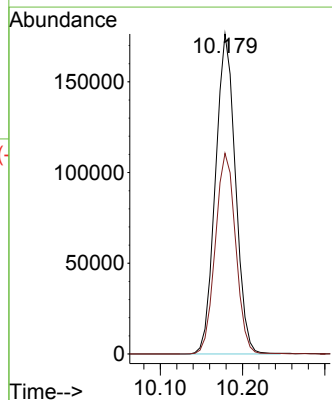
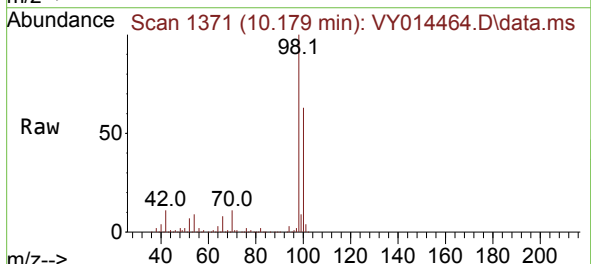
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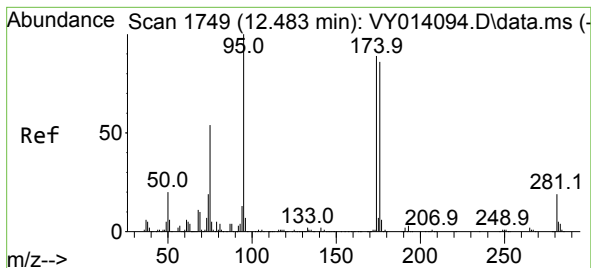
Tgt Ion:117 Resp: 15434
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 48.434 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

Tgt Ion: 98 Resp: 297419
Ion Ratio Lower Upper
98 100
100 63.7 50.1 75.1

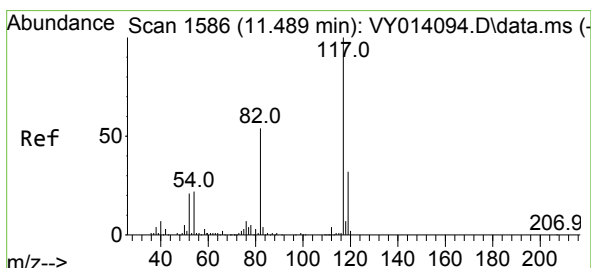
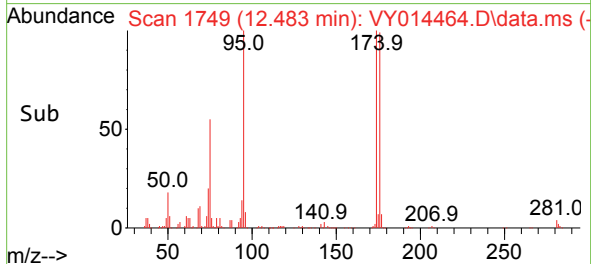
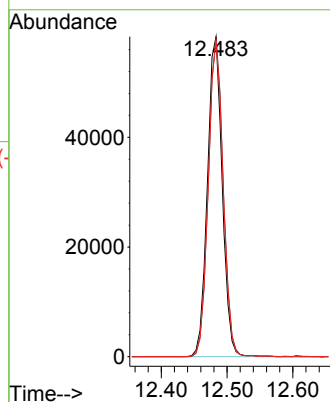
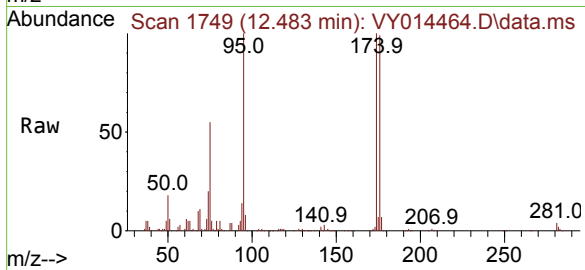




#62
4-Bromofluorobenzene
Concen: 41.662 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

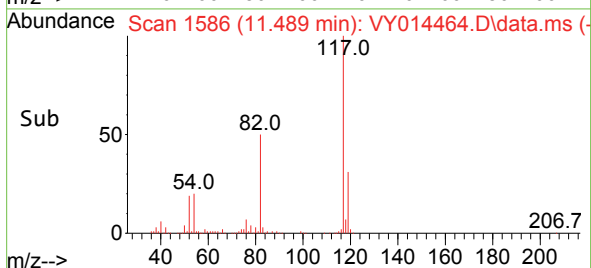
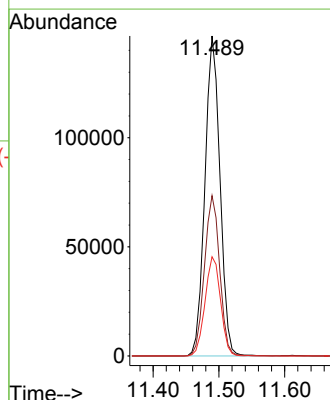
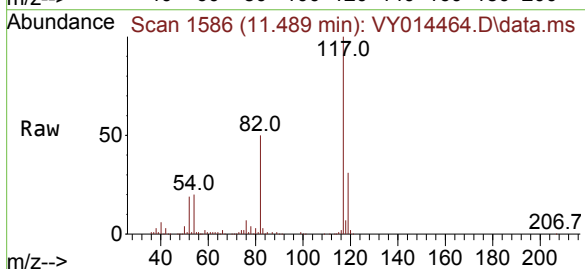
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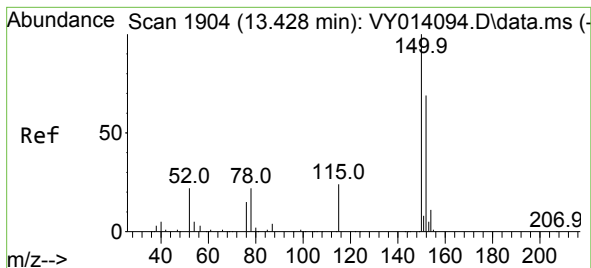
Tgt Ion: 95 Resp: 91335
Ion Ratio Lower Upper
95 100
174 100.3 0.0 178.2
176 98.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014464.D
Acq: 27 Jun 2023 17:32

Tgt Ion: 117 Resp: 233773
Ion Ratio Lower Upper
117 100
82 50.1 43.4 65.0
119 31.0 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: VY014464.D

Acq: 27 Jun 2023 17:32

Instrument :

MSVOA_Y

ClientSampleId :

SB-64

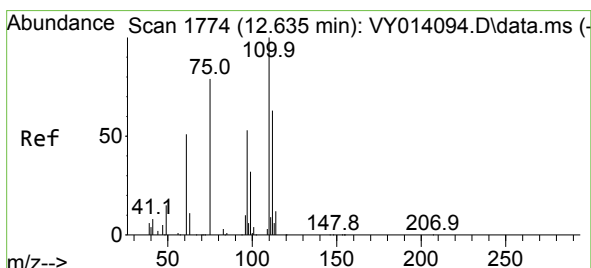
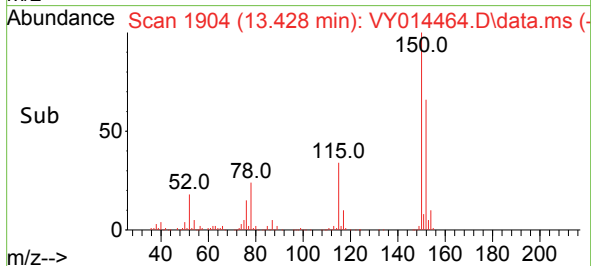
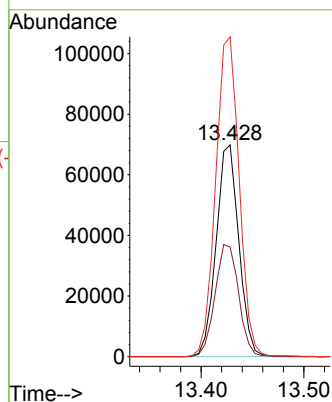
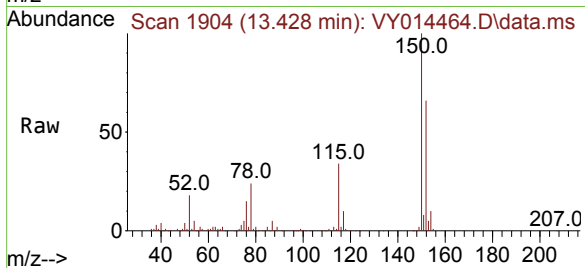
Tgt Ion:152 Resp: 106810

Ion Ratio Lower Upper

152 100

115 55.1 28.8 86.5

150 156.8 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 37.638 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014464.D

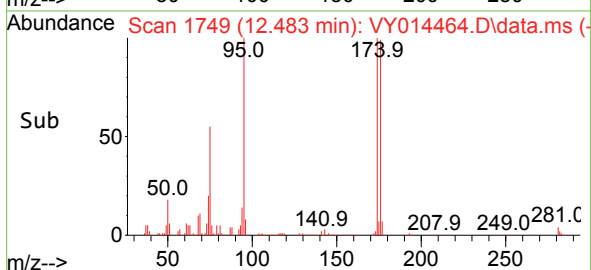
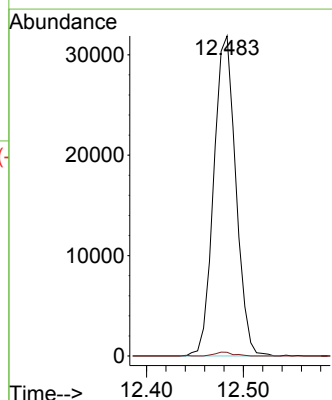
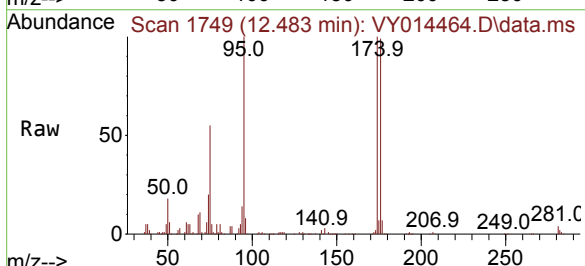
Acq: 27 Jun 2023 17:32

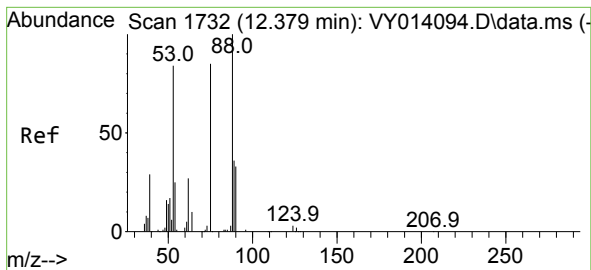
Tgt Ion: 75 Resp: 50429

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.689 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014464.D
 Acq: 27 Jun 2023 17:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-64

Tgt Ion: 75 Resp: 50429
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

