

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014462.D
 Acq On : 27 Jun 2023 16:45
 Operator : KP/MD
 Sample : 03392-04
 Misc : 6.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-1

Quant Time: Jun 28 02:26:54 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)

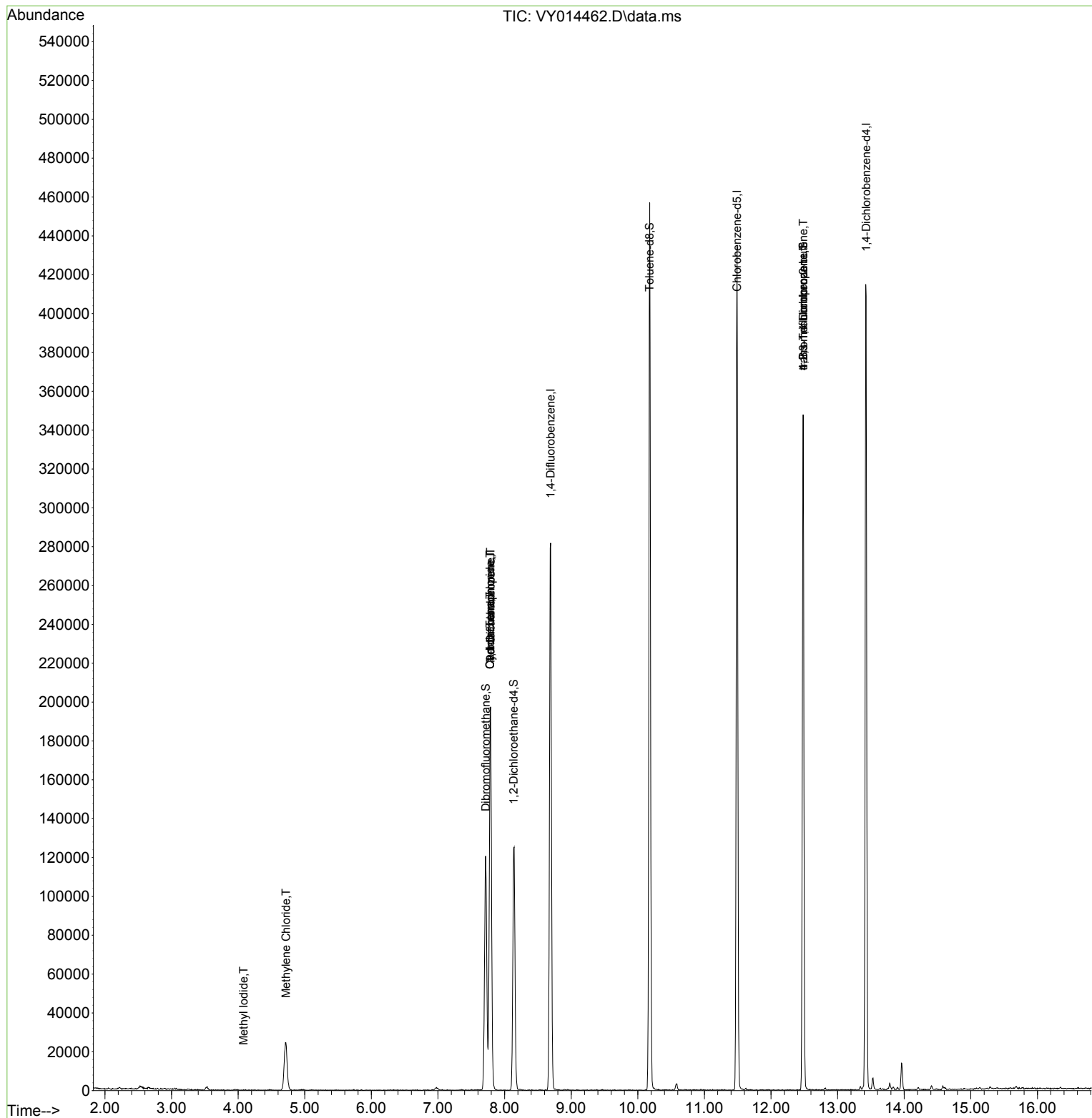
Internal Standards						
1) Pentafluorobenzene	7.789	168	158428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	243171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	235264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113765	57.836	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.680%			
35) Dibromofluoromethane	7.716	113	78629	52.337	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.680%			
50) Toluene-d8	10.179	98	293304	49.113	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.220%			
62) 4-Bromofluorobenzene	12.483	95	96182	45.112	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 90.220%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.082	142	49	2.898	ug/l #	38
11) Tert butyl alcohol	4.960	59	990	Below Cal	#	89
20) Methylene Chloride	4.716	84	19098	5.768	ug/l #	83
31) Cyclohexane	7.783	56	3189	1.313	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	10376	4.482	ug/l #	51
38) Carbon Tetrachloride	7.783	117	14876	5.106	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	52488	36.976	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	52488	84.183	ug/l #	11

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

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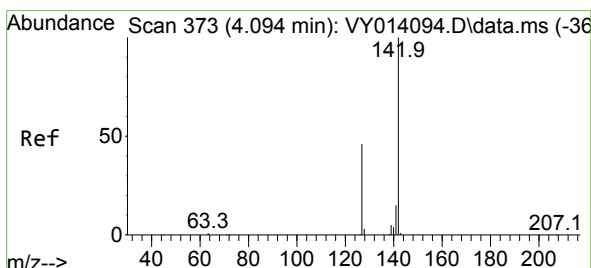
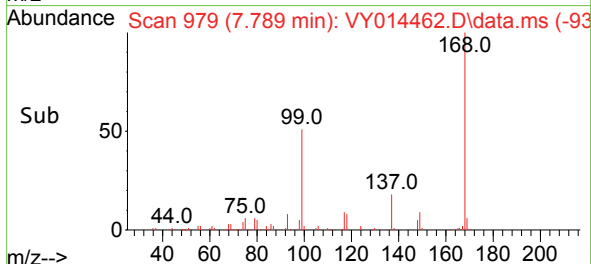
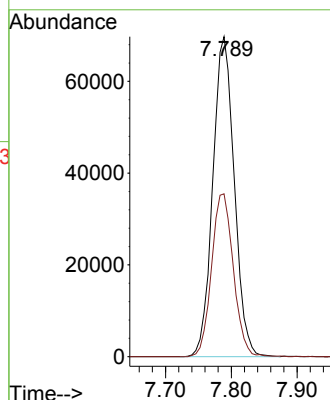
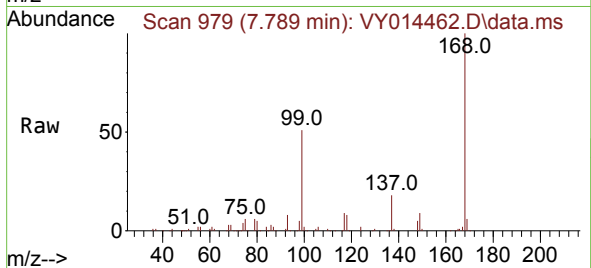




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

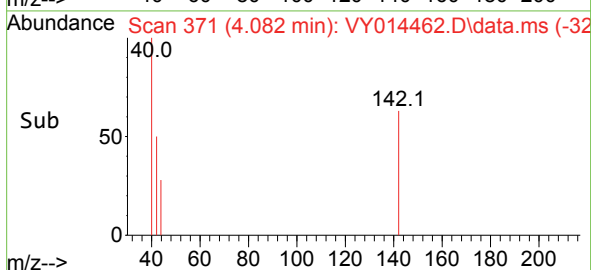
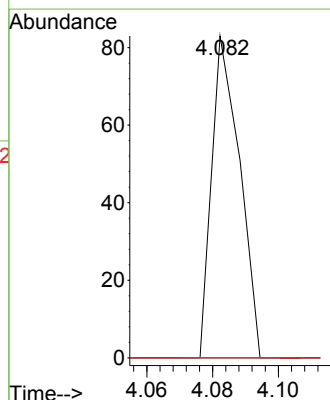
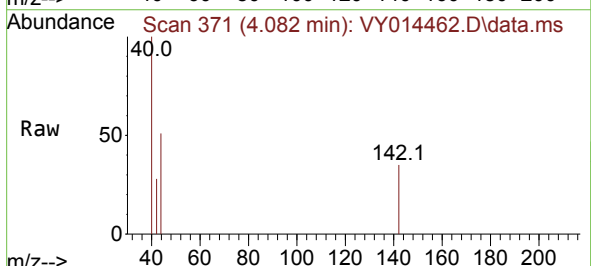
Instrument :
MSVOA_Y
ClientSampleId :
SRY-1

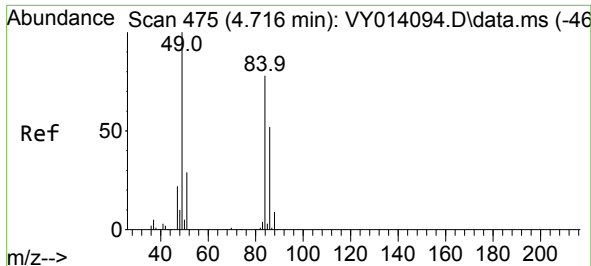
Tgt Ion:168 Resp: 158428
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#10
Methyl Iodide
Concen: 2.898 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.012 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion:142 Resp: 49
Ion Ratio Lower Upper
142 100
127 0.0 37.6 56.4#
141 0.0 11.8 17.8#

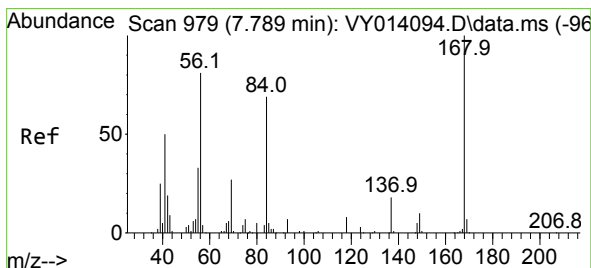
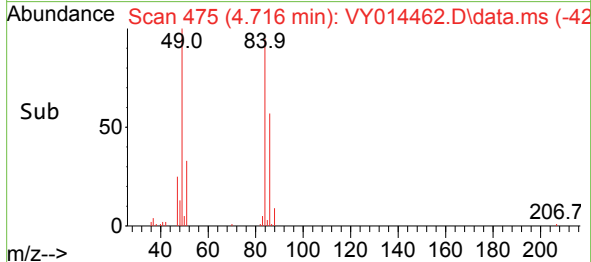
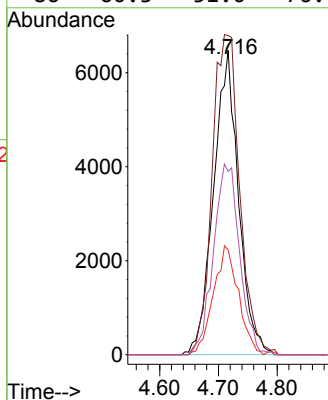
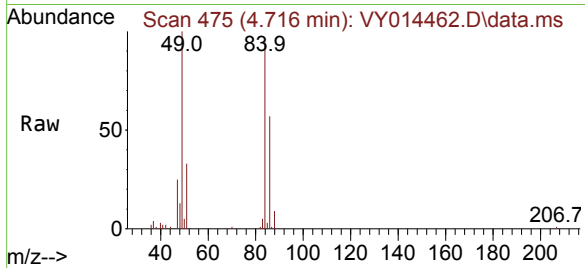




#20
Methylene Chloride
Concen: 5.768 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

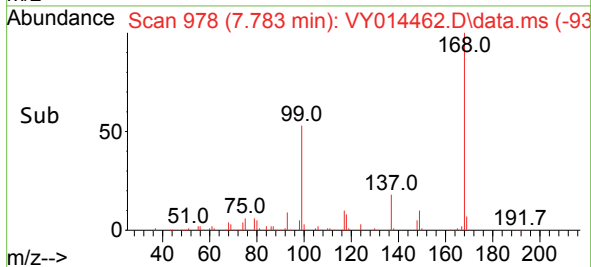
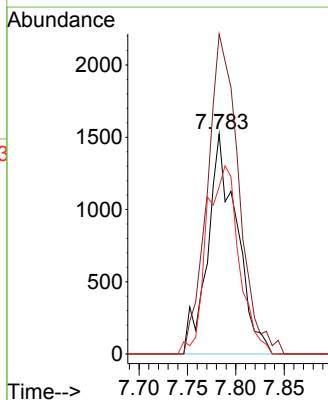
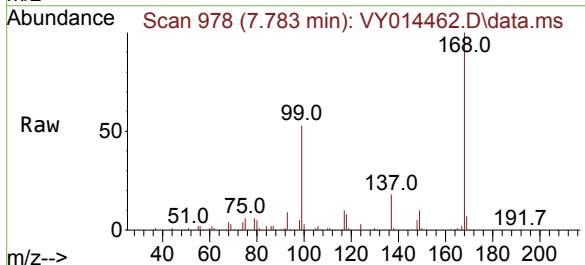
Instrument :
MSVOA_Y
ClientSampleId :
SRY-1

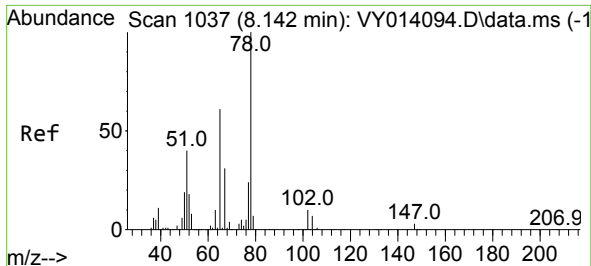
Tgt Ion:	84	Resp:	19098
Ion	Ratio	Lower	Upper
84	100		
49	104.9	106.9	160.3#
51	34.4	33.2	49.8
86	60.3	51.0	76.6



#31
Cyclohexane
Concen: 1.313 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion:	56	Resp:	3189
Ion	Ratio	Lower	Upper
56	100		
69	145.4	27.8	41.6#
84	75.9	66.4	99.6

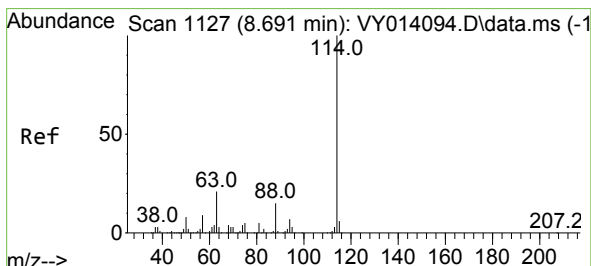
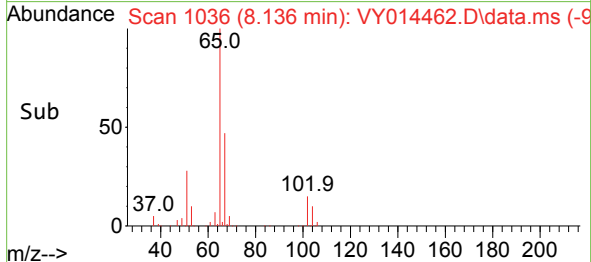
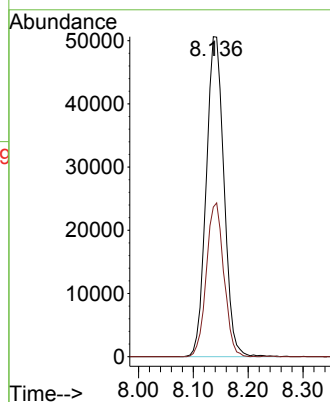
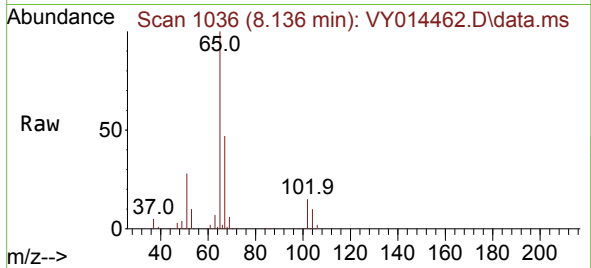




#33
 1,2-Dichloroethane-d4
 Concen: 57.836 ug/l
 RT: 8.136 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VY014462.D
 Acq: 27 Jun 2023 16:45

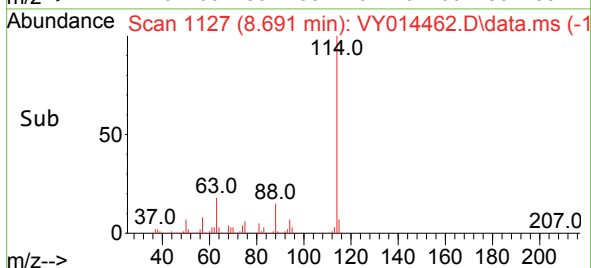
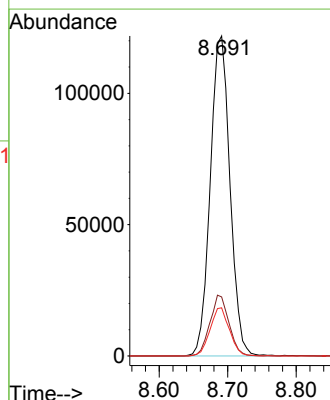
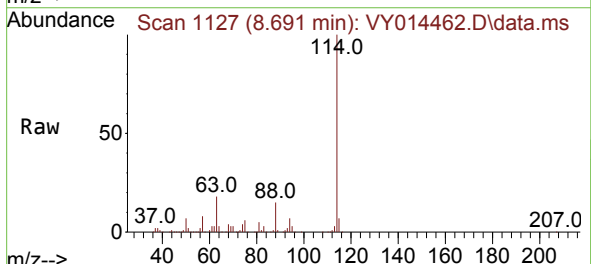
Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-1

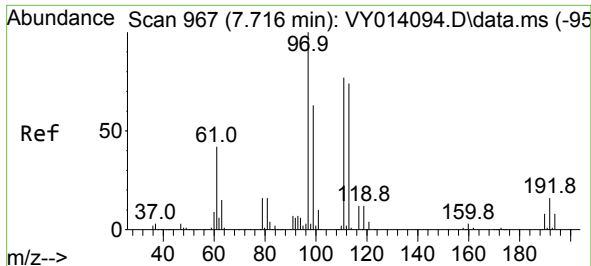
Tgt Ion: 65 Resp: 113765
 Ion Ratio Lower Upper
 65 100
 67 47.2 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY014462.D
 Acq: 27 Jun 2023 16:45

Tgt Ion:114 Resp: 243171
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 42.4
 88 15.0 0.0 30.6

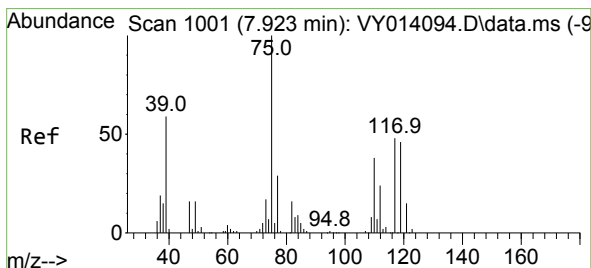
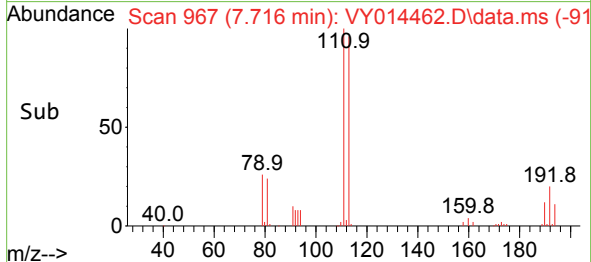
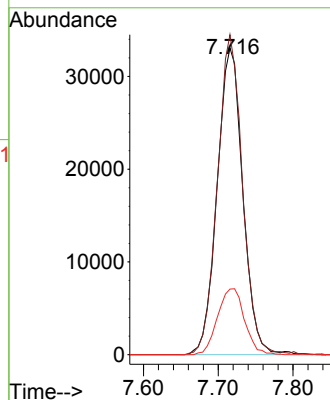
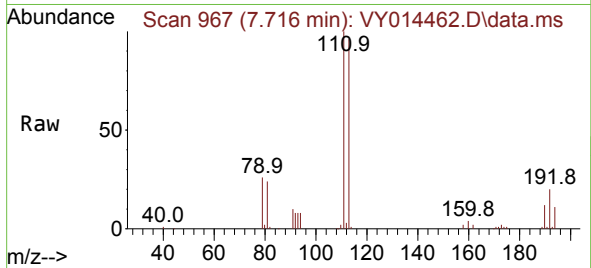




#35
Dibromofluoromethane
Concen: 52.337 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

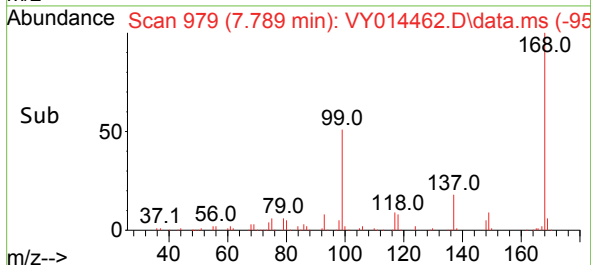
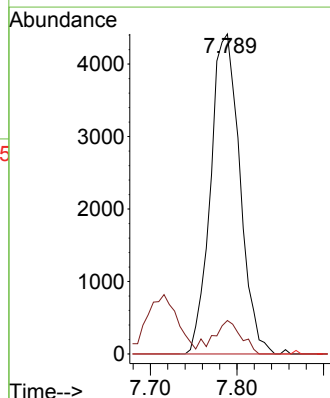
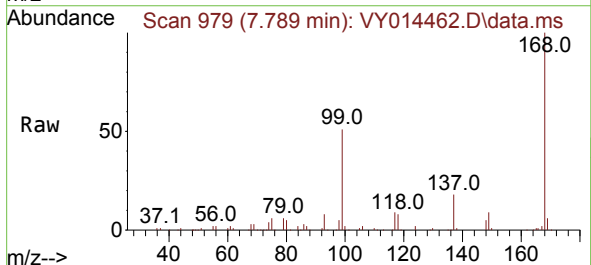
Instrument :
MSVOA_Y
ClientSampleId :
SRY-1

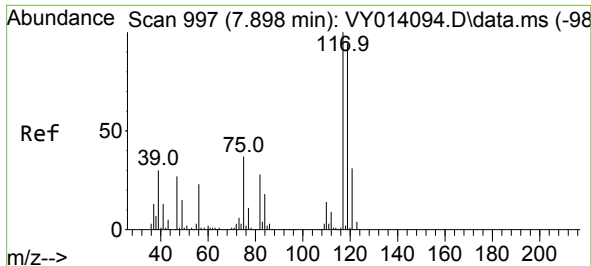
Tgt Ion:113 Resp: 78629
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 22.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.482 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.134 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion: 75 Resp: 10376
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#

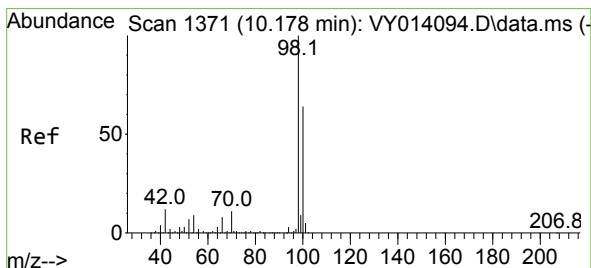
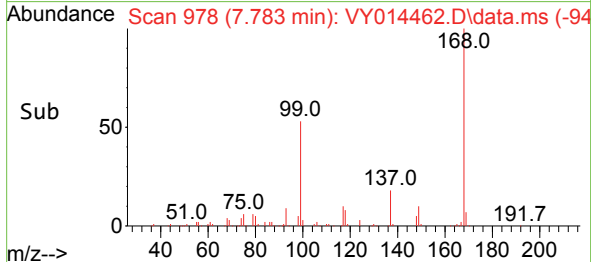
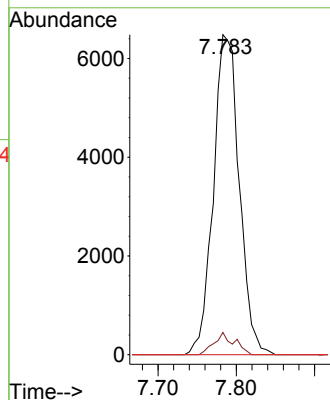
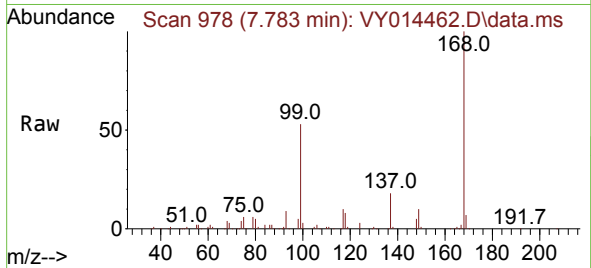




#38
Carbon Tetrachloride
Concen: 5.106 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.115 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

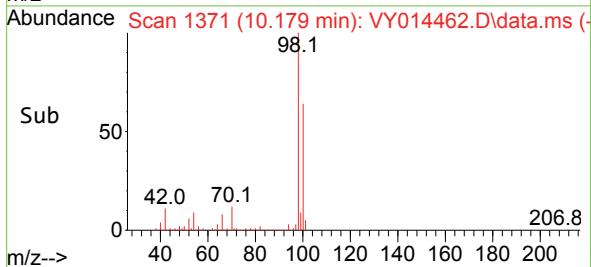
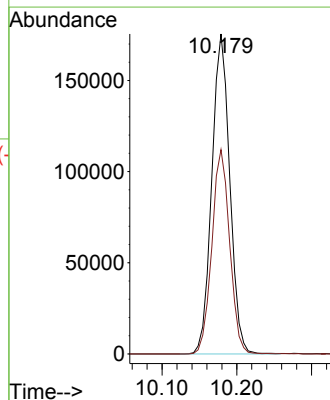
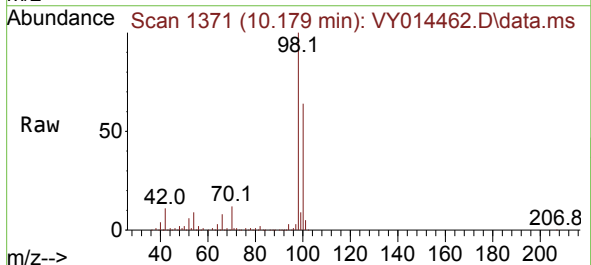
Instrument :
MSVOA_Y
ClientSampleId :
SRY-1

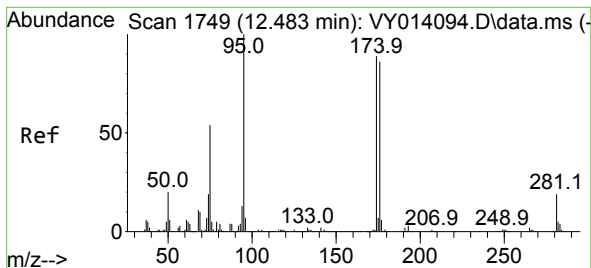
Tgt Ion:117 Resp: 14876
Ion Ratio Lower Upper
117 100
119 6.9 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 49.113 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion: 98 Resp: 293304
Ion Ratio Lower Upper
98 100
100 63.3 50.1 75.1

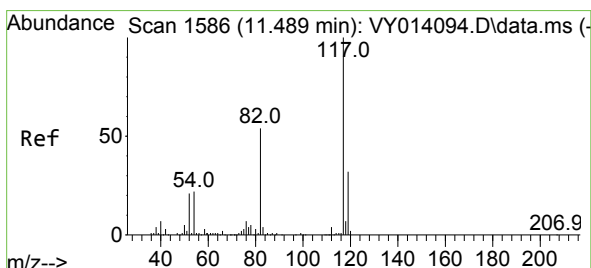
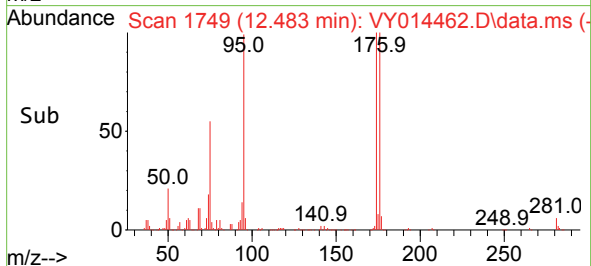
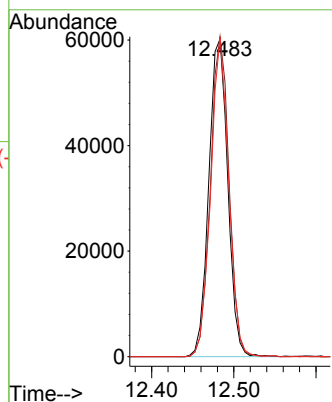
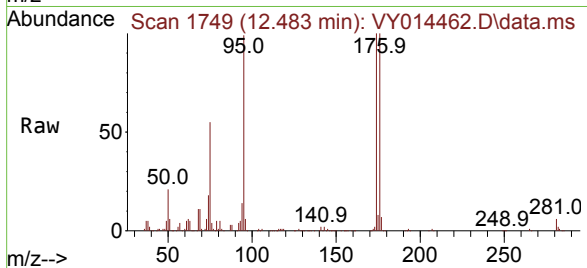




#62
4-Bromofluorobenzene
Concen: 45.112 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

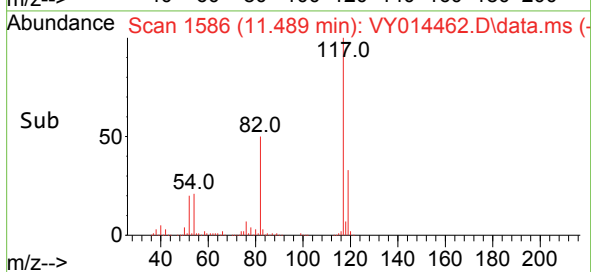
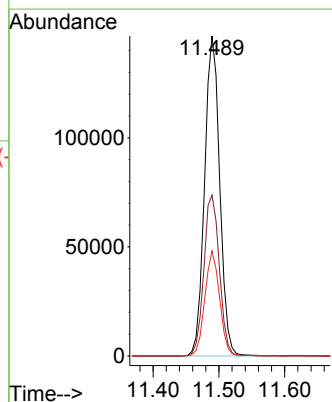
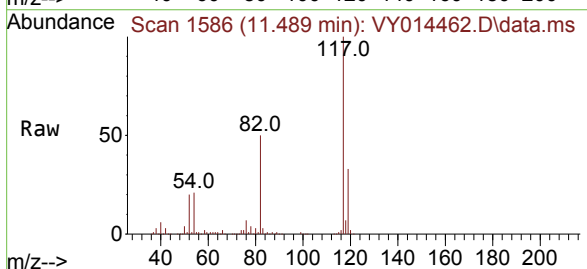
Instrument :
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SRY-1

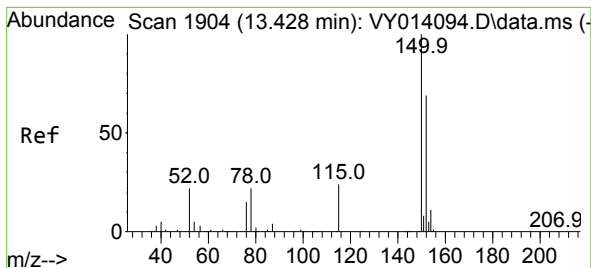
Tgt Ion:	95	Resp:	96182
Ion Ratio	Lower	Upper	
95	100		
174	99.5	0.0	178.2
176	95.5	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY014462.D
Acq: 27 Jun 2023 16:45

Tgt Ion:	117	Resp:	235264
Ion Ratio	Lower	Upper	
117	100		
82	50.3	43.4	65.0
119	32.8	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: VY014462.D

Acq: 27 Jun 2023 16:45

Instrument :

MSVOA_Y

ClientSampleId :

SRY-1

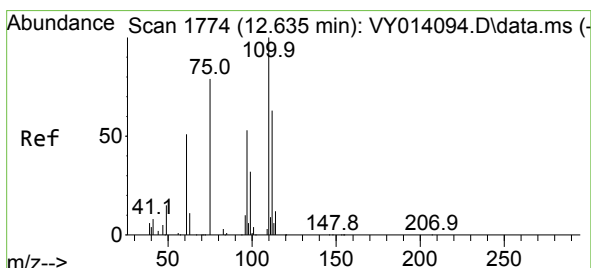
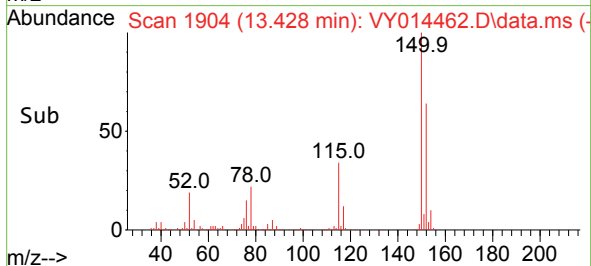
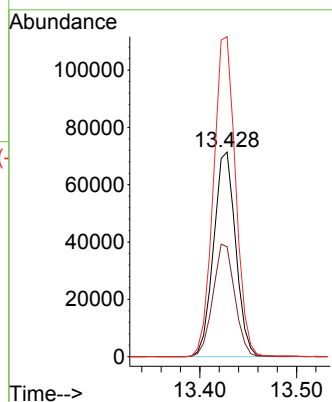
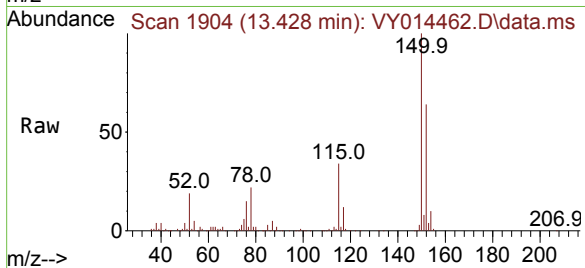
Tgt Ion:152 Resp: 113160

Ion Ratio Lower Upper

152 100

115 54.5 28.8 86.5

150 157.2 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.976 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY014462.D

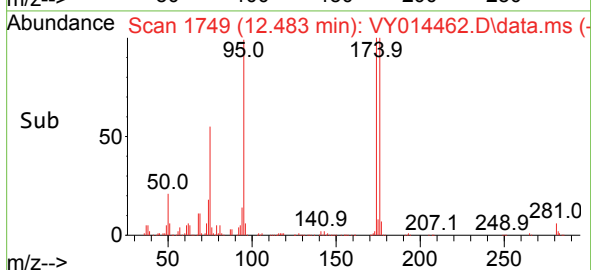
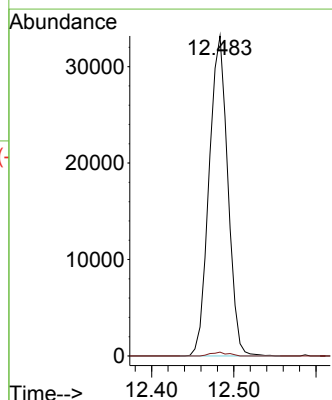
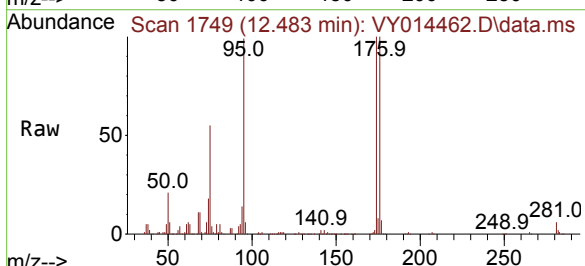
Acq: 27 Jun 2023 16:45

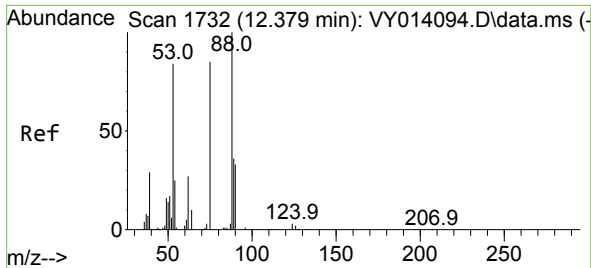
Tgt Ion: 75 Resp: 52488

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.183 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY014462.D
 Acq: 27 Jun 2023 16:45

Instrument :
 MSVOA_Y
 ClientSampleId :
 SRY-1

Tgt Ion: 75 Resp: 52488
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.8 116.8#
 89 0.0 37.4 56.0#

