

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014293.D
 Acq On : 20 Jun 2023 19:04
 Operator : KP/MD
 Sample : 03298-15
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jun 21 02:09:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

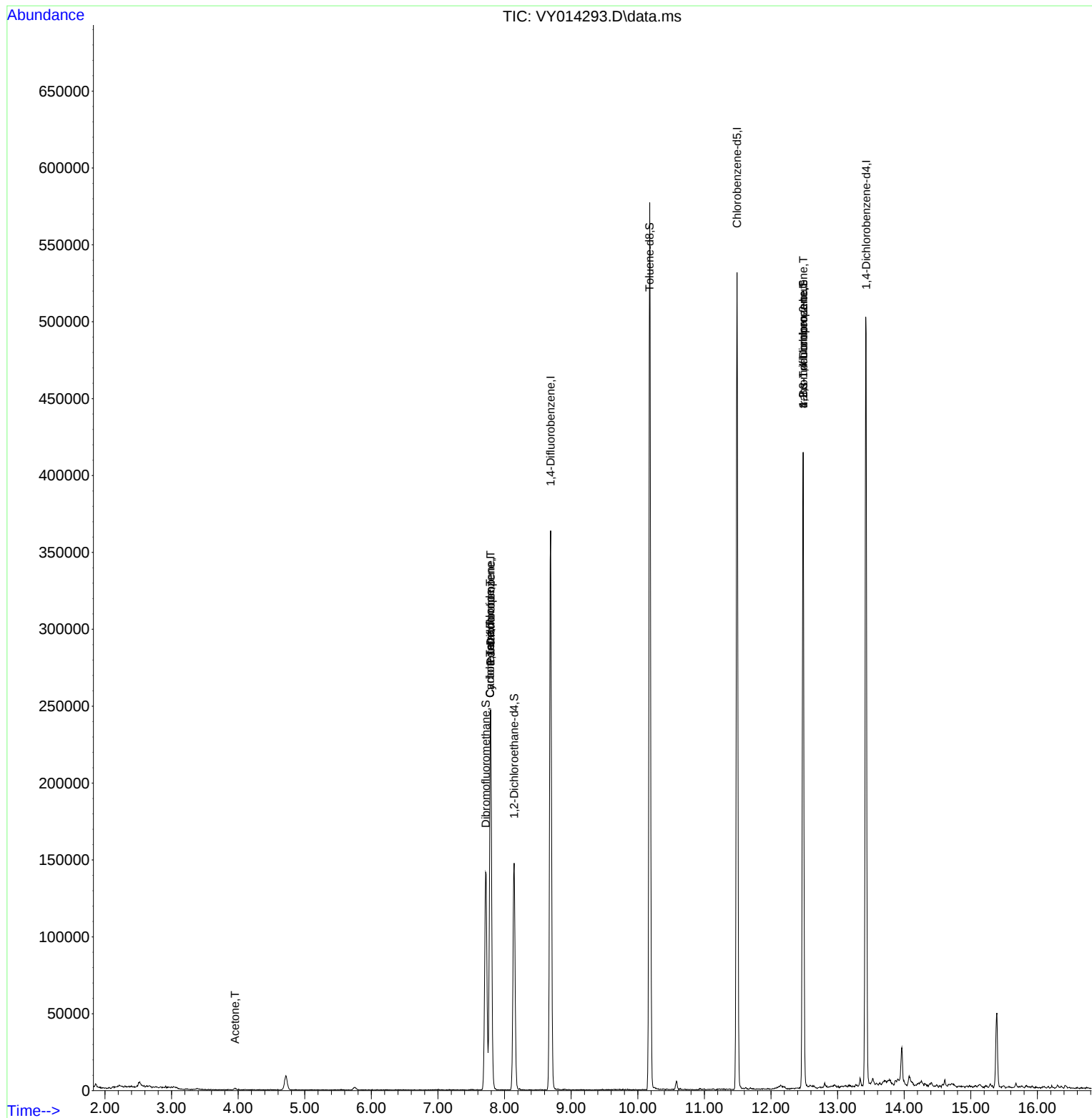
Internal Standards						
1) Pentafluorobenzene	7.789	168	187214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	280931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	121212	46.495	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.000%
35) Dibromofluoromethane	7.716	113	97165	45.562	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.120%
50) Toluene-d8	10.179	98	366772	46.003	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.000%
62) 4-Bromofluorobenzene	12.483	95	115776	40.879	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.760%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	77	Below Cal	#	89
16) Acetone	3.954	43	1680	2.138	ug/l	96
20) Methylene Chloride	4.710	84	6457	Below Cal		87
31) Cyclohexane	7.783	56	4154	1.189	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	14540	4.373	ug/l #	50
38) Carbon Tetrachloride	7.783	117	18881	4.921	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	63598	36.972	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	63598	79.920	ug/l #	11

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
Data File : VY014293.D
Acq On : 20 Jun 2023 19:04
Operator : KP/MD
Sample : 03298-15
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Quant Time: Jun 21 02:09:37 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 09 18:07:13 2023
Response via : Initial Calibration

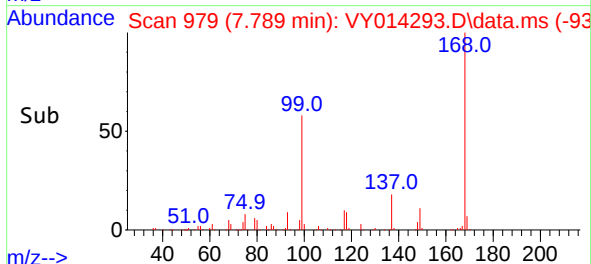
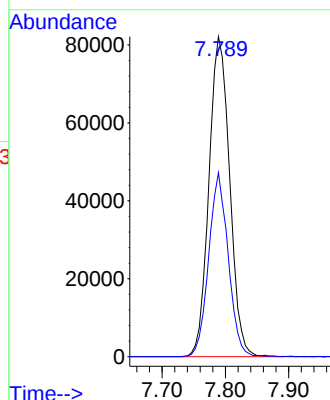
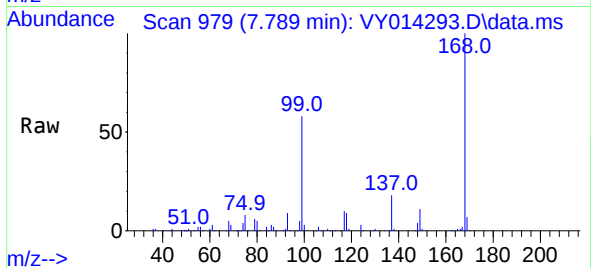




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

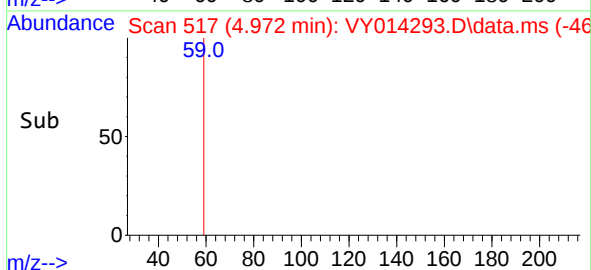
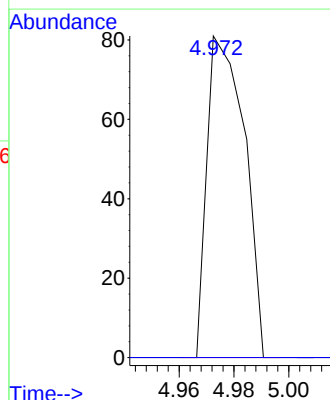
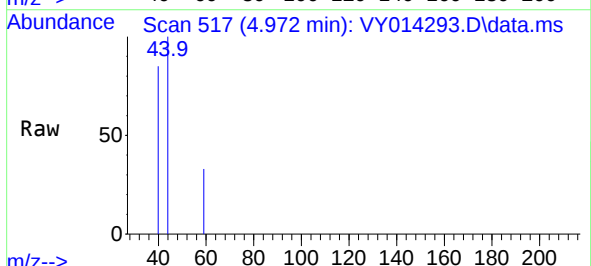
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

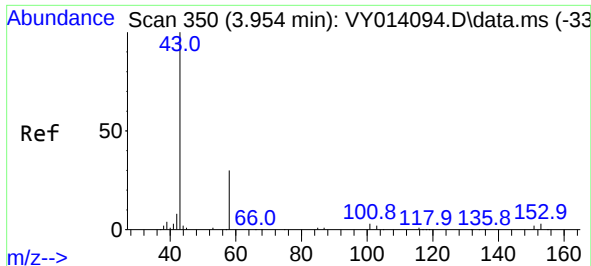
Tgt Ion:168 Resp: 187214
Ion Ratio Lower Upper
168 100
99 57.5 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.006 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 59 Resp: 77
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#

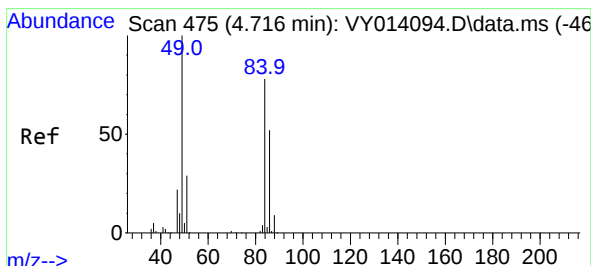
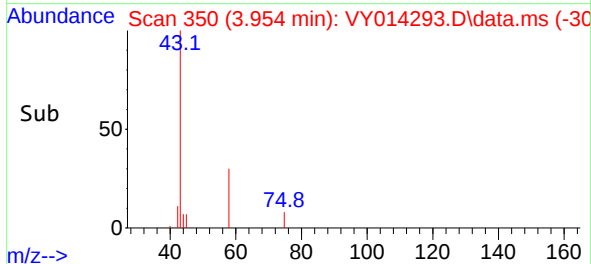
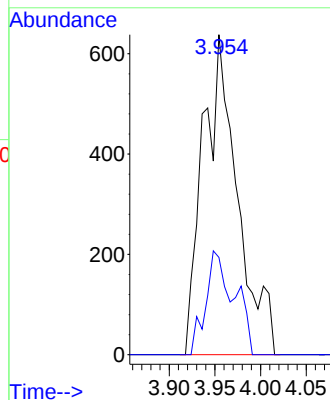
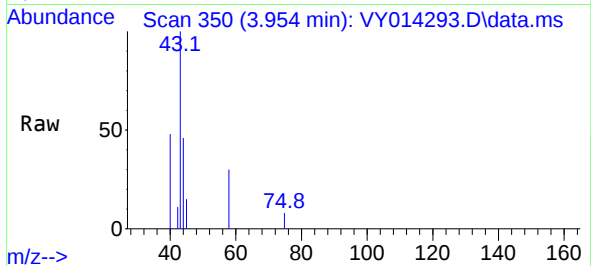




#16
Acetone
Concen: 2.138 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

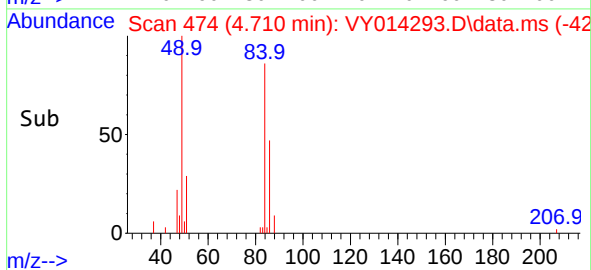
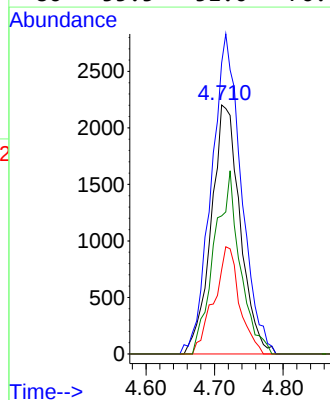
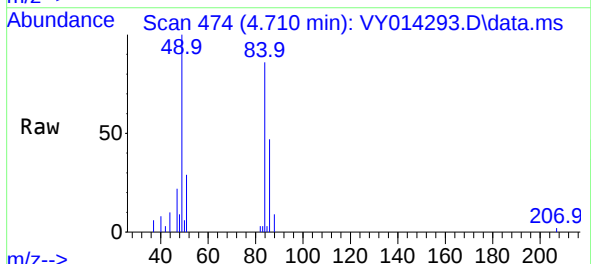
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

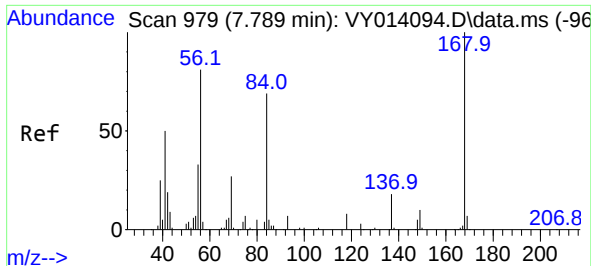
Tgt Ion: 43 Resp: 1680
Ion Ratio Lower Upper
43 100
58 30.4 22.7 34.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 84 Resp: 6457
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 33.8 33.2 49.8
86 55.5 51.0 76.6

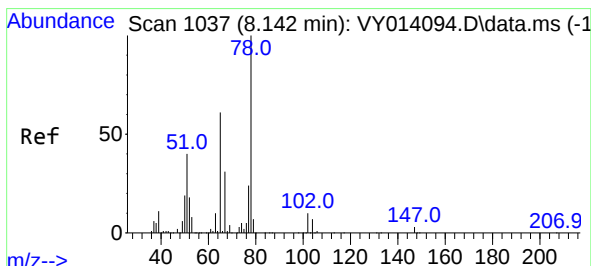
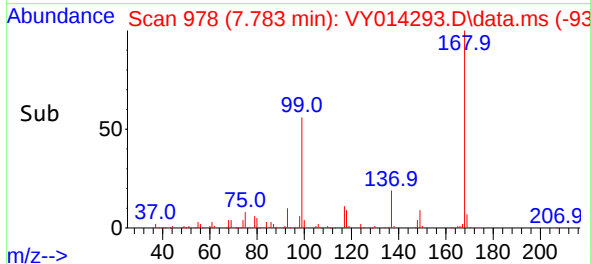
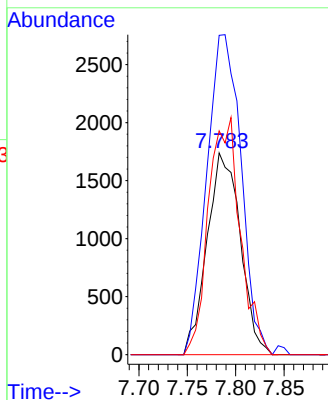
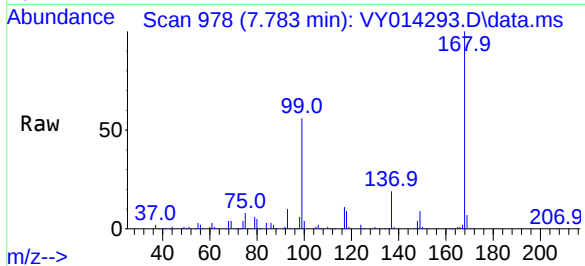




#31
Cyclohexane
Concen: 1.189 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

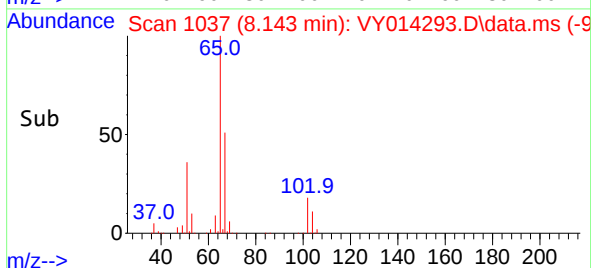
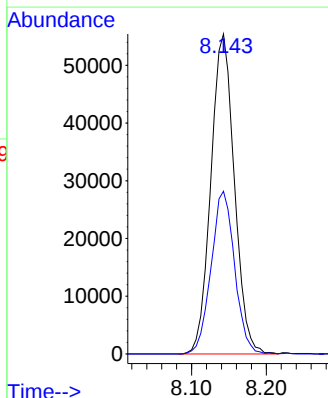
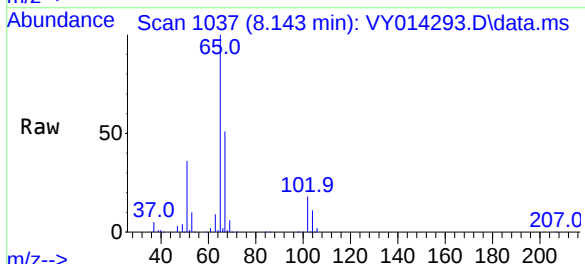
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

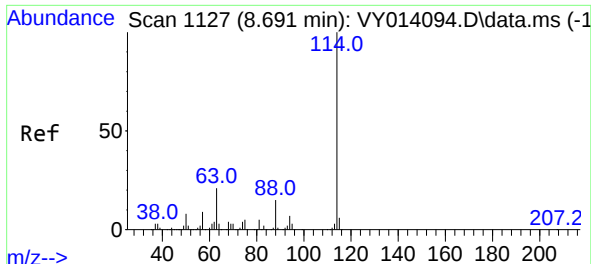
Tgt Ion: 56 Resp: 4154
Ion Ratio Lower Upper
56 100
69 158.3 27.8 41.6#
84 110.9 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 46.495 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 65 Resp: 121212
Ion Ratio Lower Upper
65 100
67 50.9 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: VY014293.D

Acq: 20 Jun 2023 19:04

Instrument :

MSVOA_Y

ClientSampleId :

TRIP-BLANK

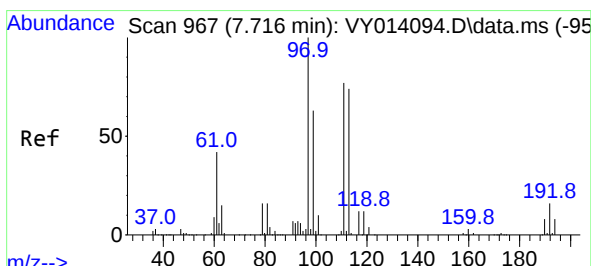
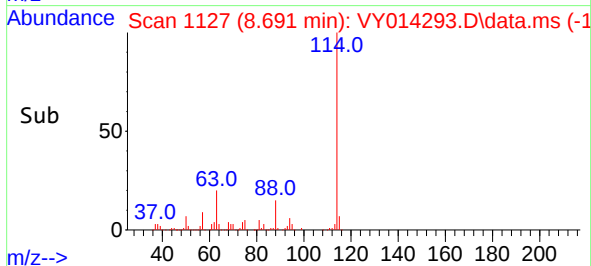
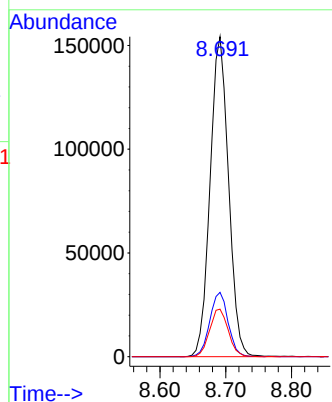
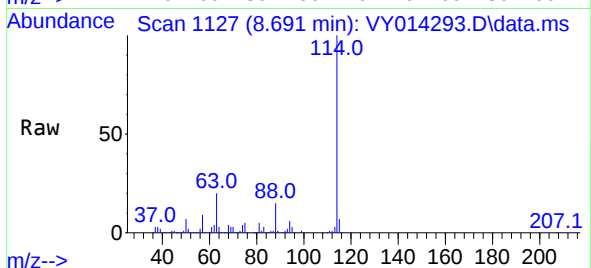
Tgt Ion:114 Resp: 300711

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 45.562 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014293.D

Acq: 20 Jun 2023 19:04

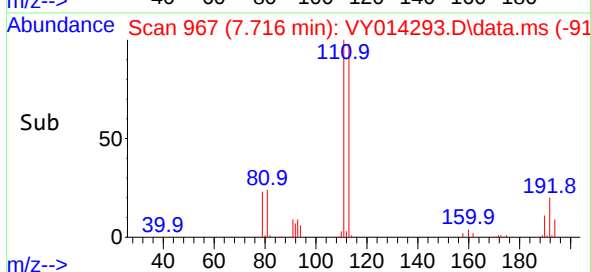
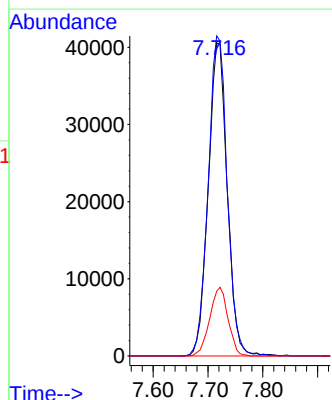
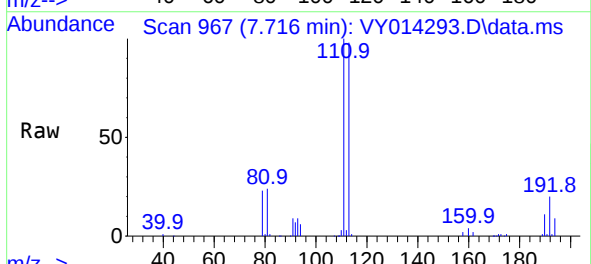
Tgt Ion:113 Resp: 97165

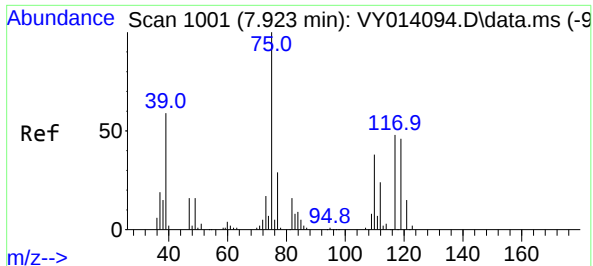
Ion Ratio Lower Upper

113 100

111 102.8 81.3 121.9

192 21.2 16.9 25.3

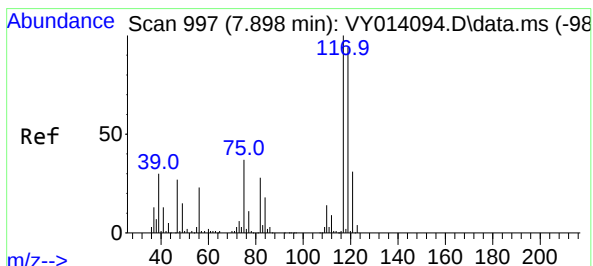
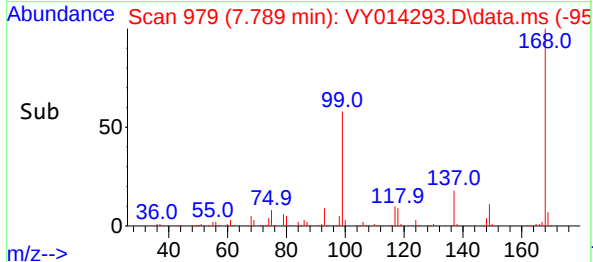
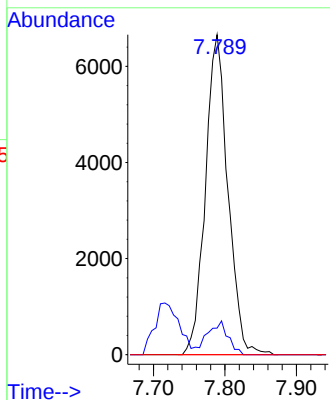
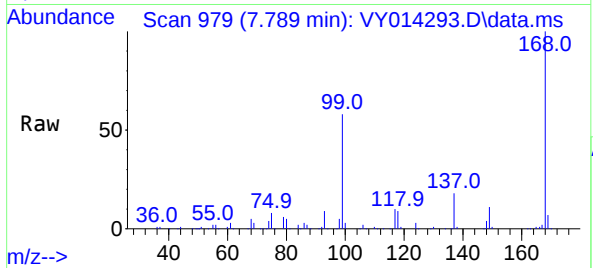




#36
1,1-Dichloropropene
Concen: 4.373 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

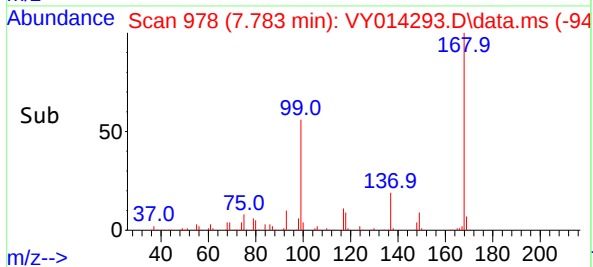
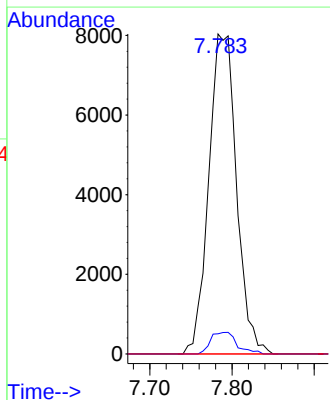
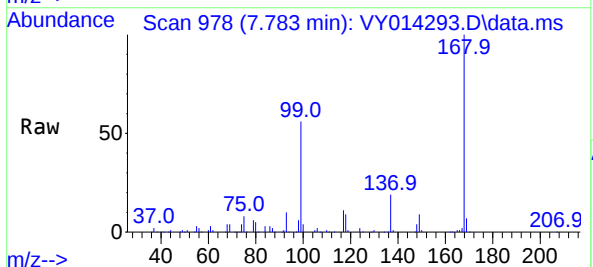
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

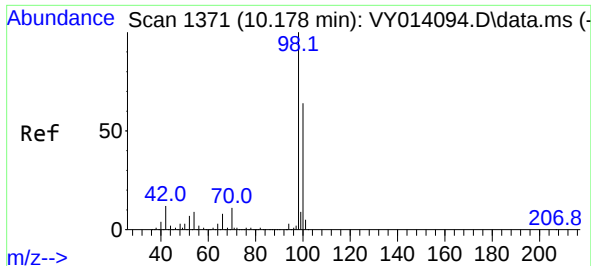
Tgt Ion: 75 Resp: 14540
Ion Ratio Lower Upper
75 100
110 9.1 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.921 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.115 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 117 Resp: 18881
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#

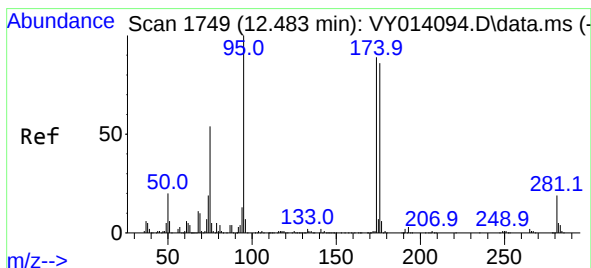
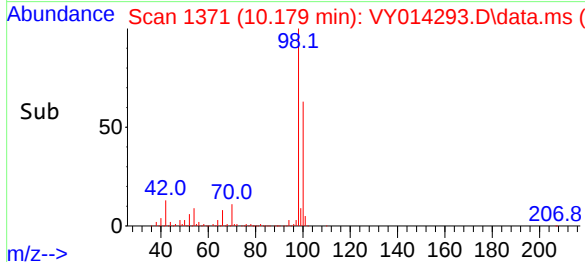
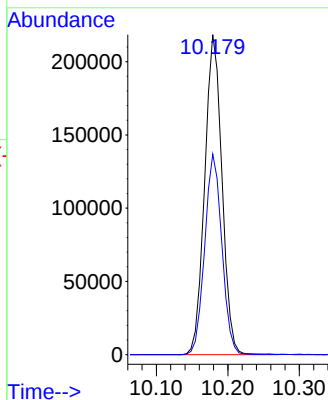
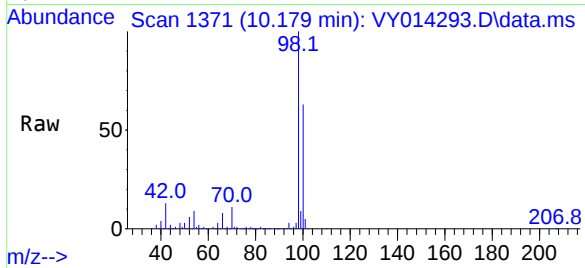




#50
Toluene-d8
Concen: 46.003 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

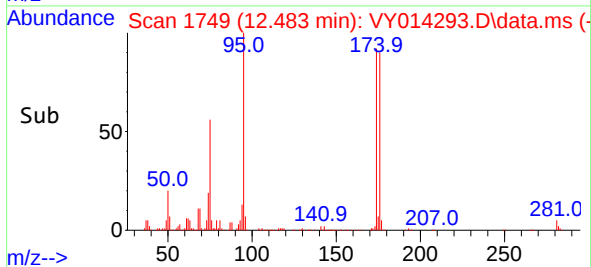
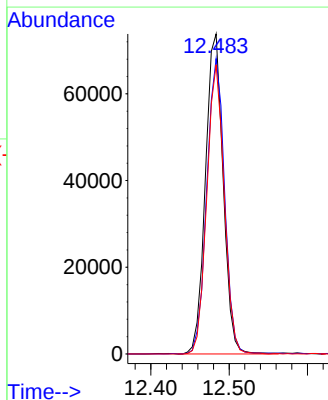
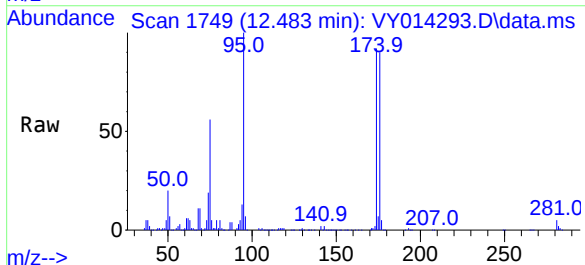
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

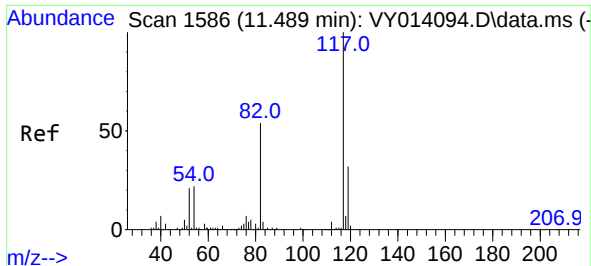
Tgt Ion: 98 Resp: 366772
Ion Ratio Lower Upper
98 100
100 62.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.879 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 95 Resp: 115776
Ion Ratio Lower Upper
95 100
174 92.9 0.0 178.2
176 88.7 0.0 173.8

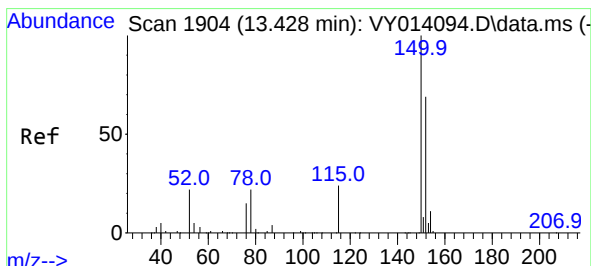
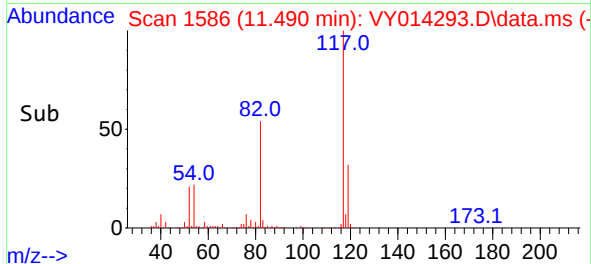
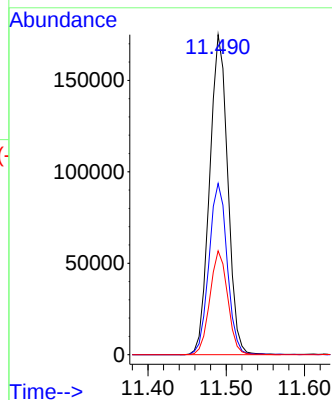
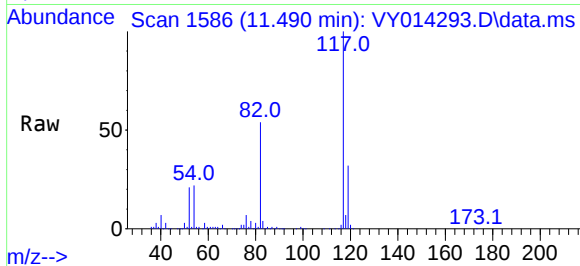




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

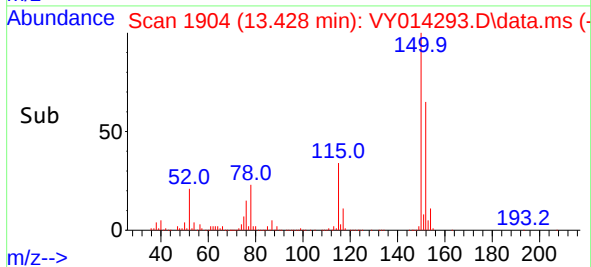
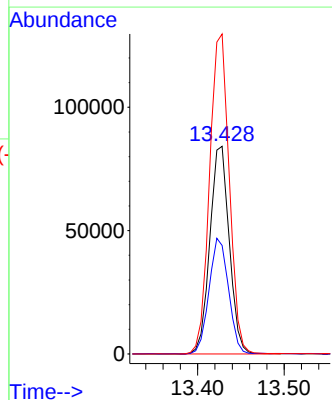
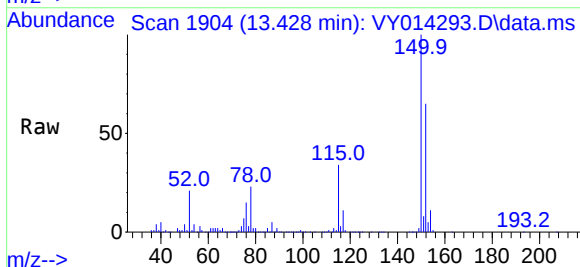
Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

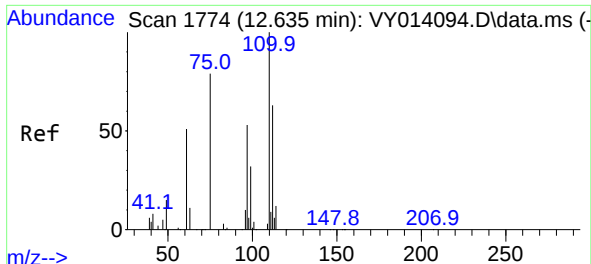
Tgt Ion:117 Resp: 280931
Ion Ratio Lower Upper
117 100
82 53.5 43.4 65.0
119 32.4 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion:152 Resp: 131111
Ion Ratio Lower Upper
152 100
115 56.2 28.8 86.5
150 156.1 0.0 348.8

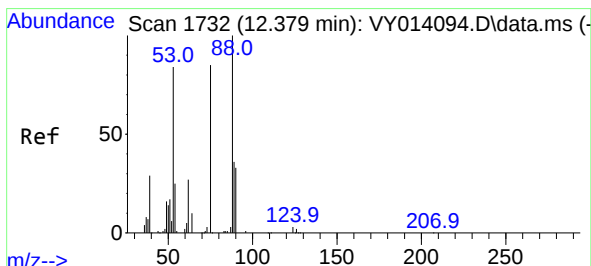
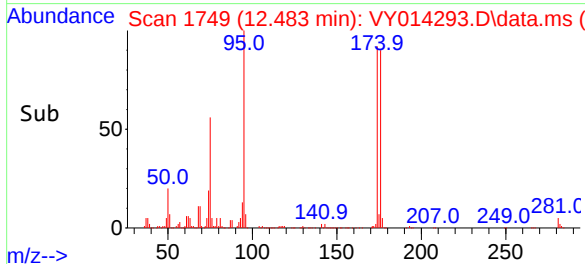
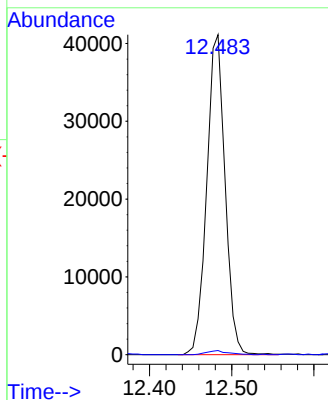
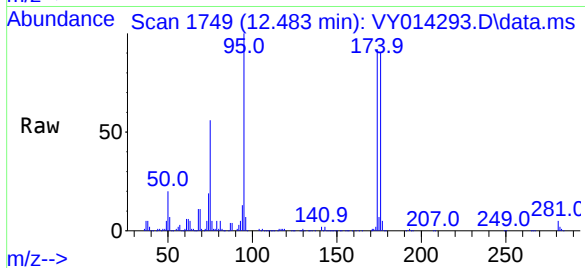




#76
1,2,3-Trichloropropane
Concen: 36.972 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
TRIP-BLANK

Tgt Ion: 75 Resp: 63598
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.920 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY014293.D
Acq: 20 Jun 2023 19:04

Tgt Ion: 75 Resp: 63598
Ion Ratio Lower Upper
75 100
53 0.3 77.8 116.8#
89 0.1 37.4 56.0#

