

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062023\
 Data File : VY014294.D
 Acq On : 20 Jun 2023 19:27
 Operator : KP/MD
 Sample : 03308-03
 Misc : 5.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-LEFT

Quant Time: Jun 21 02:09:45 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)

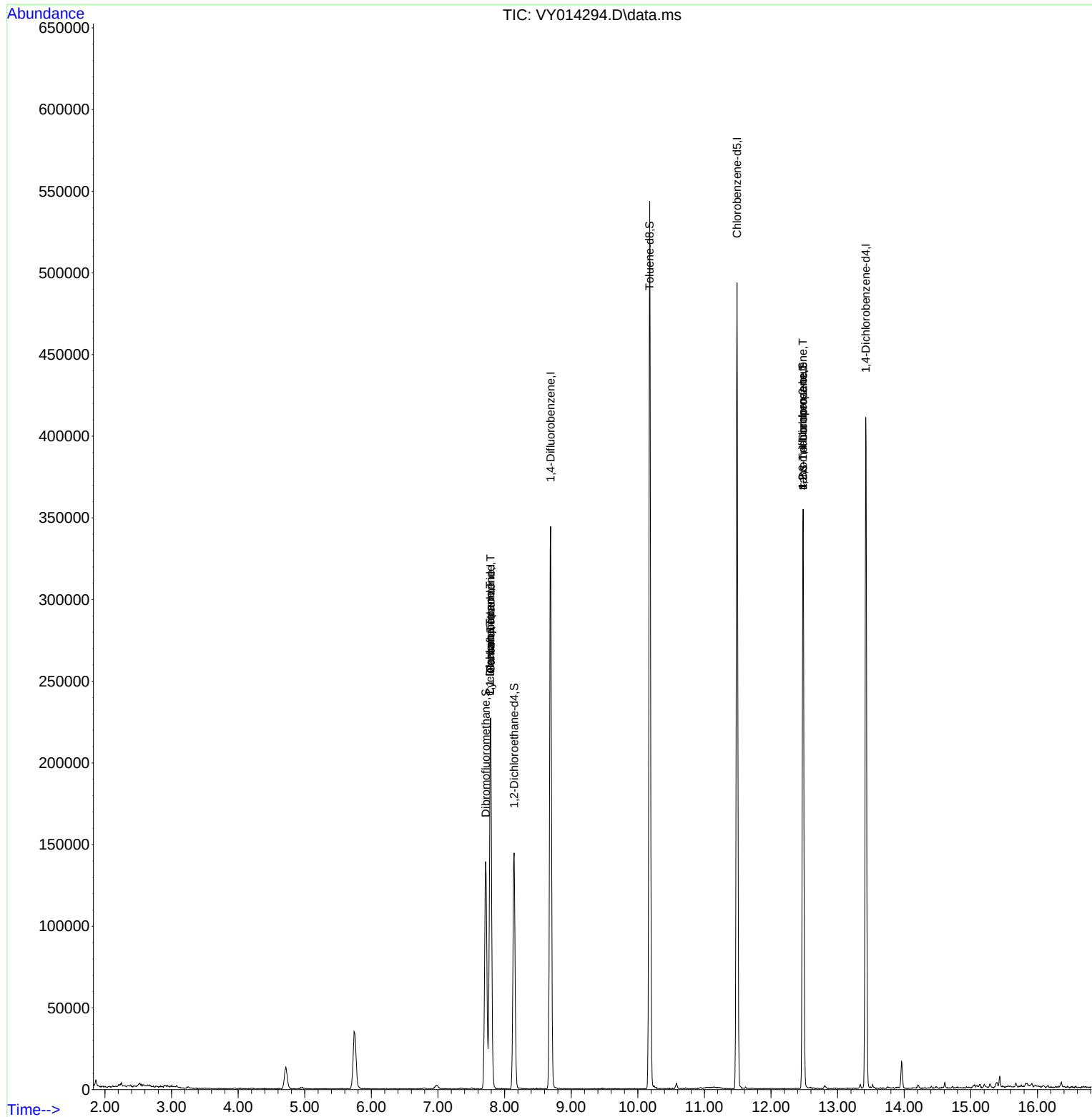
Internal Standards						
1) Pentafluorobenzene	7.789	168	176084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	283699	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	259464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	107846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121227	49.440	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.880%
35) Dibromofluoromethane	7.716	113	94412	46.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.179	98	339652	45.156	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.320%
62) 4-Bromofluorobenzene	12.477	95	100091	37.460	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.920%
Target Compounds						
11) Tert butyl alcohol	4.954	59	1132	Below Cal	#	85
31) Cyclohexane	7.783	56	3824	1.164	ug/l #	28
36) 1,1-Dichloropropene	7.783	75	13211	4.212	ug/l #	51
38) Carbon Tetrachloride	7.789	117	17695	4.889	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	54501	38.519	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	54501	83.263	ug/l #	11

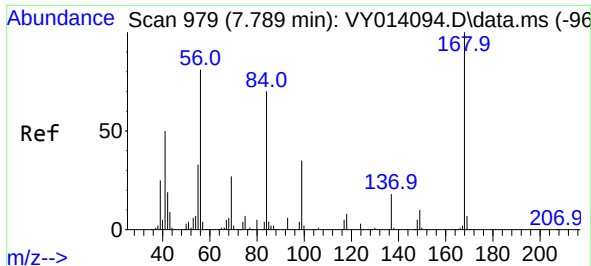
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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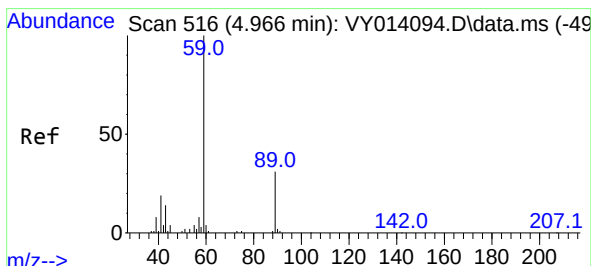
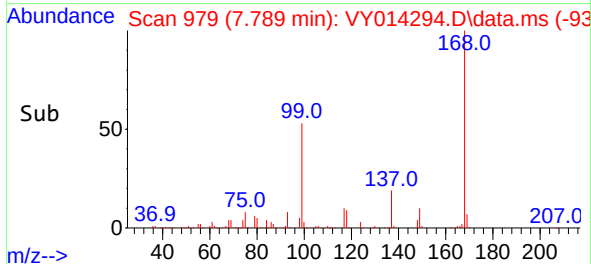
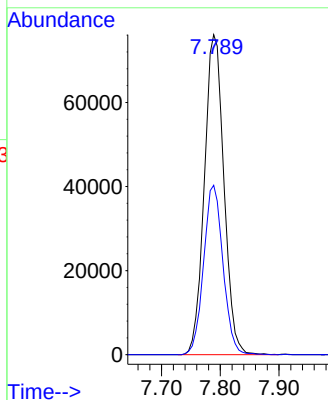
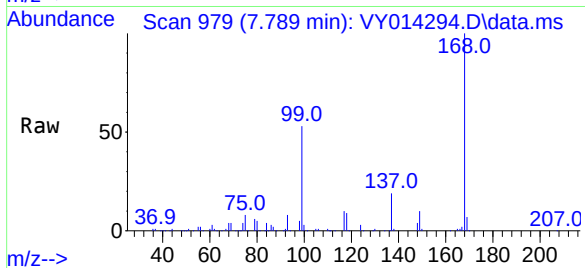




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

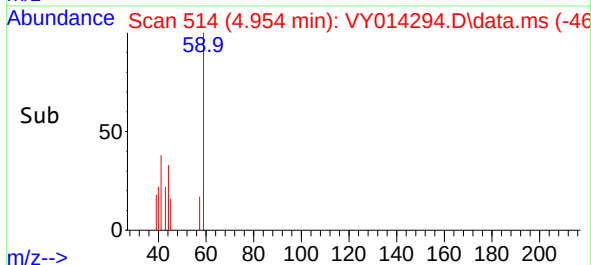
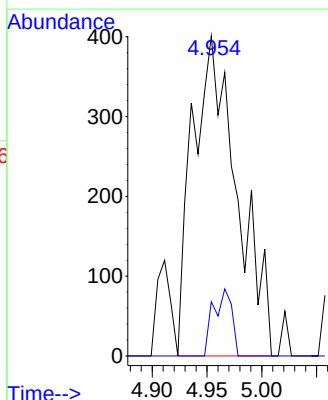
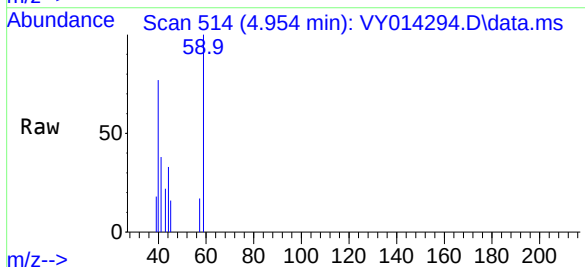
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

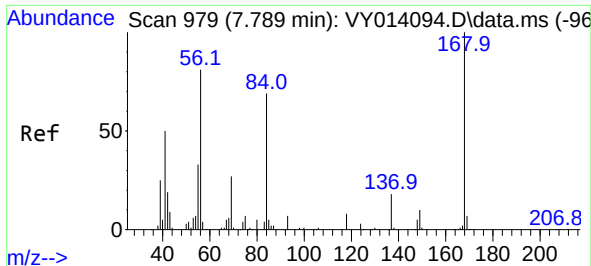
Tgt Ion:168 Resp: 176084
Ion Ratio Lower Upper
168 100
99 52.9 43.4 65.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion: 59 Resp: 1132
Ion Ratio Lower Upper
59 100
57 8.7 3.0 4.4#

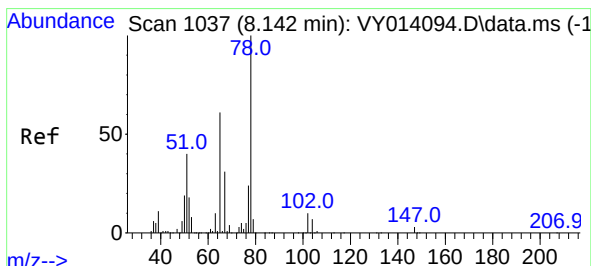
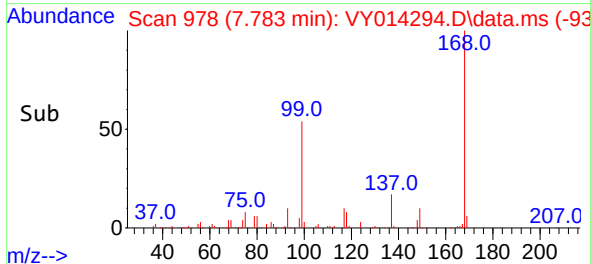
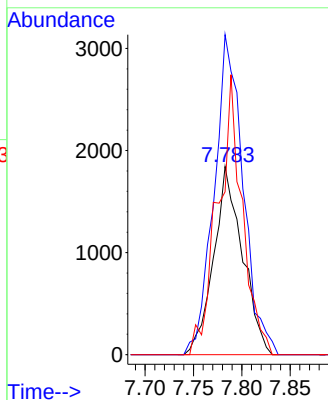
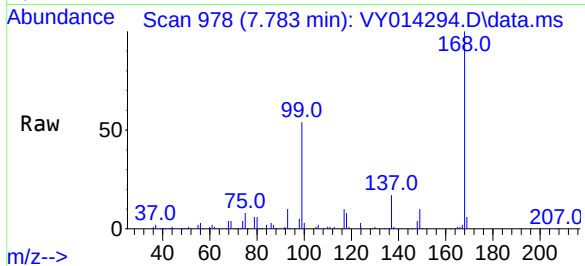




#31
Cyclohexane
Concen: 1.164 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

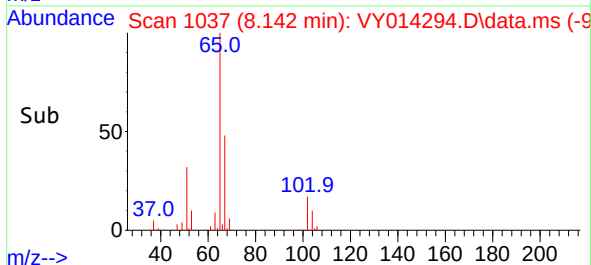
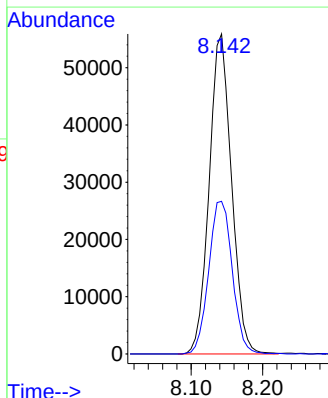
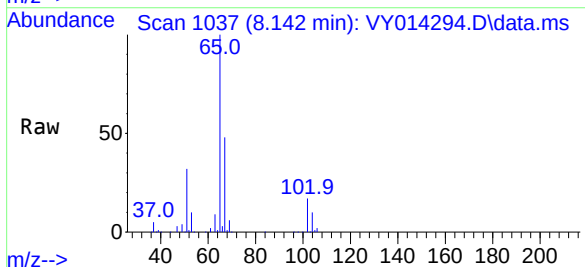
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

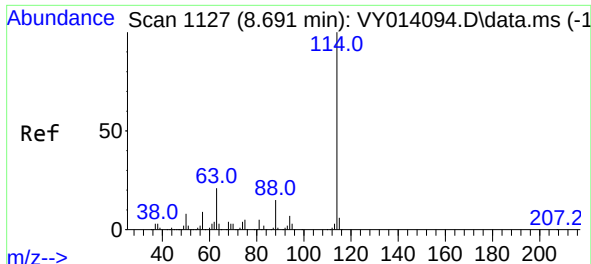
Tgt Ion: 56 Resp: 3824
Ion Ratio Lower Upper
56 100
69 170.0 27.8 41.6#
84 86.6 66.4 99.6



#33
1,2-Dichloroethane-d4
Concen: 49.440 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion: 65 Resp: 121227
Ion Ratio Lower Upper
65 100
67 50.4 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: VY014294.D

Acq: 20 Jun 2023 19:27

Instrument :

MSVOA_Y

ClientSampleId :

SP-LEFT

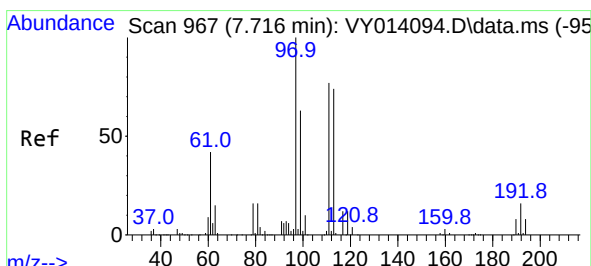
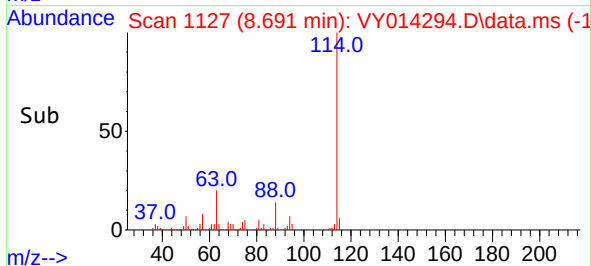
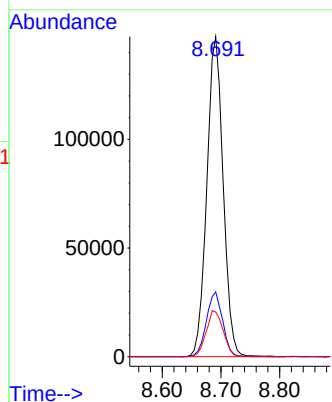
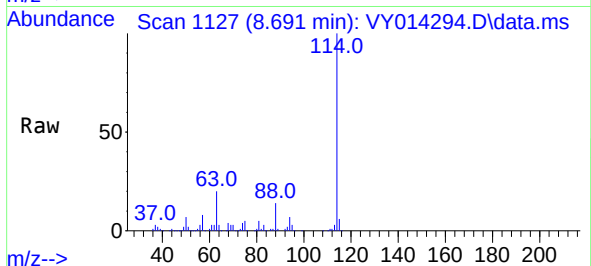
Tgt Ion:114 Resp: 283699

Ion Ratio Lower Upper

114 100

63 20.2 0.0 42.4

88 14.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 46.926 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014294.D

Acq: 20 Jun 2023 19:27

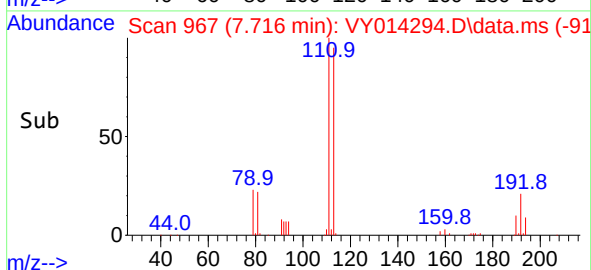
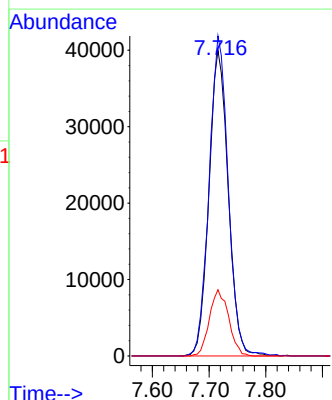
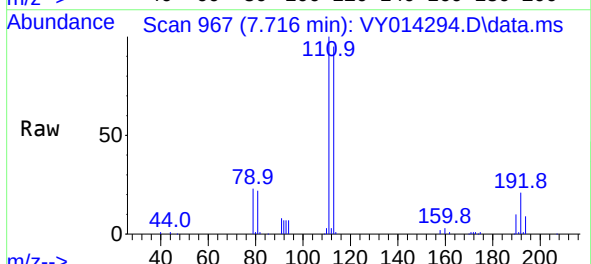
Tgt Ion:113 Resp: 94412

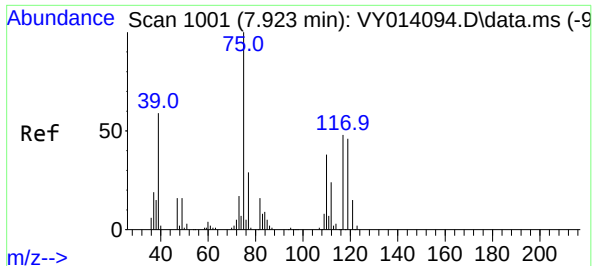
Ion Ratio Lower Upper

113 100

111 103.8 81.3 121.9

192 21.6 16.9 25.3

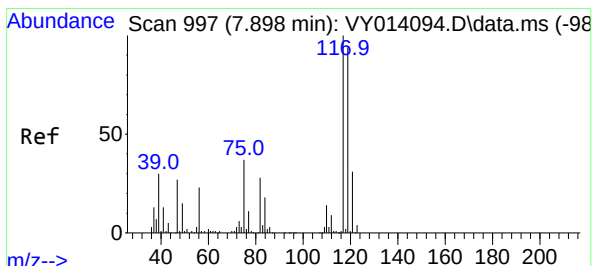
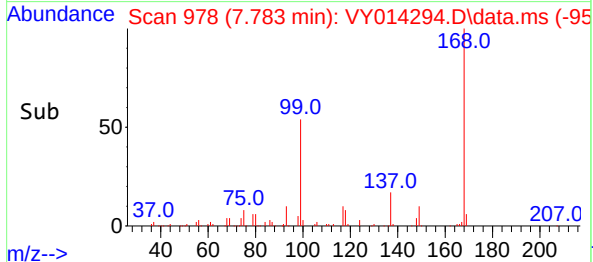
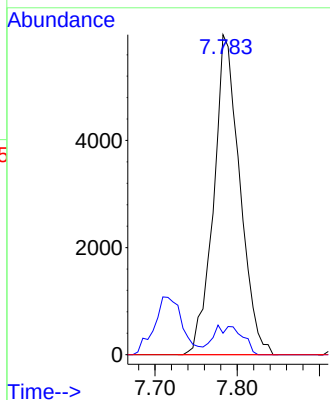
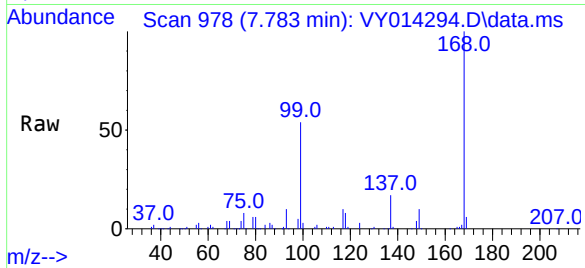




#36
1,1-Dichloropropene
Concen: 4.212 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.140 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

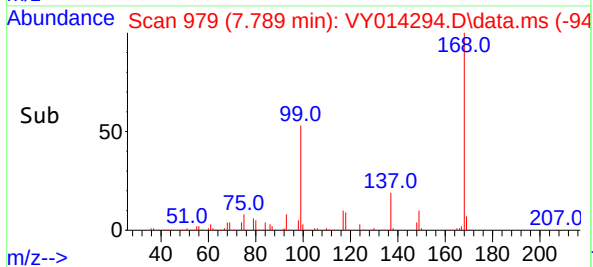
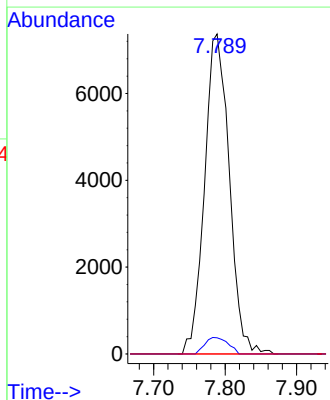
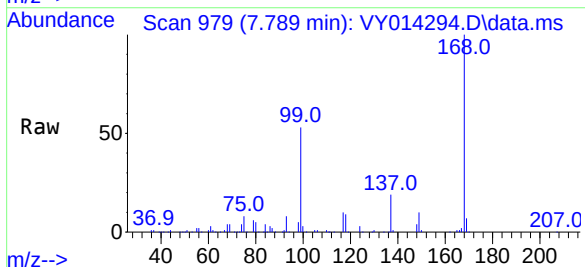
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

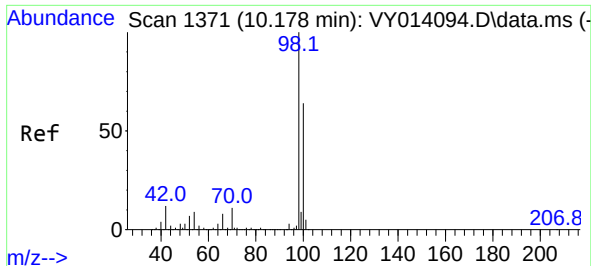
Tgt Ion: 75 Resp: 13211
Ion Ratio Lower Upper
75 100
110 10.0 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.889 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.109 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion: 117 Resp: 17695
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#

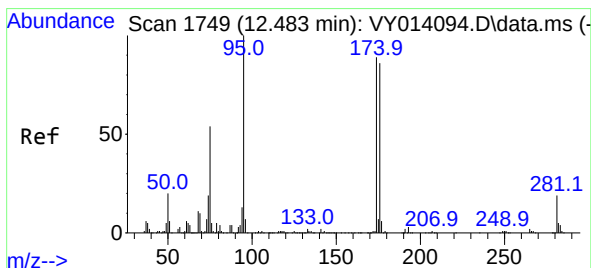
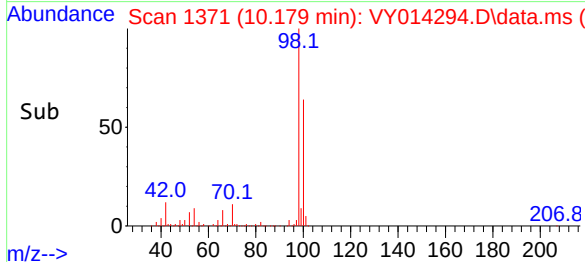
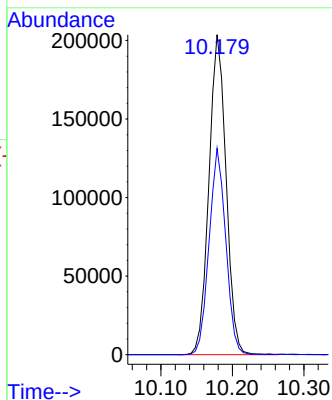
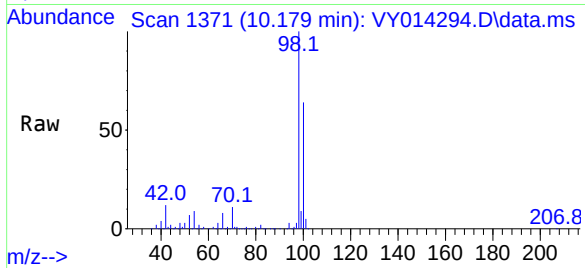




#50
Toluene-d8
Concen: 45.156 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

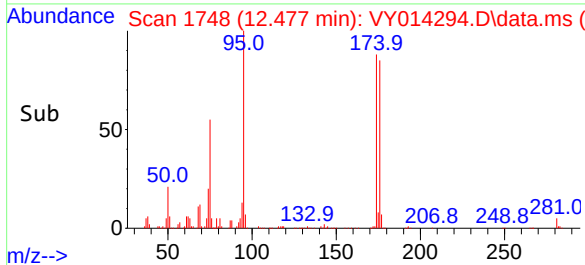
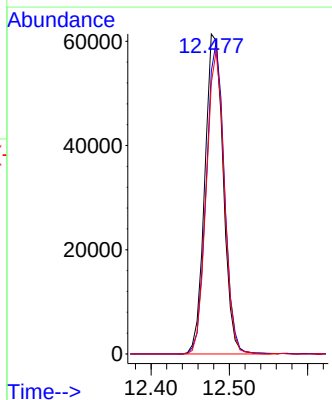
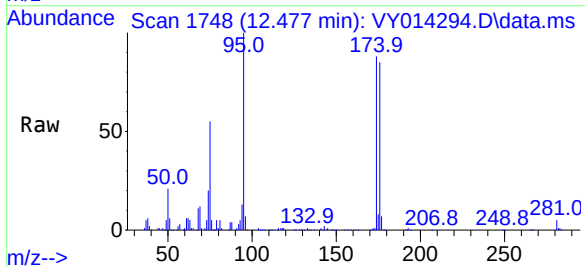
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

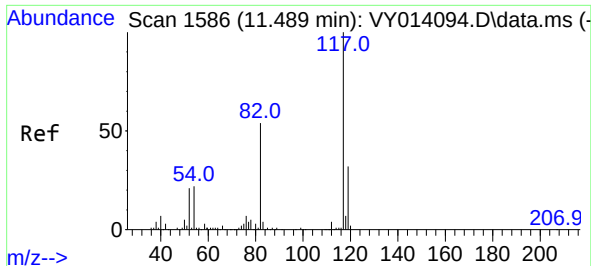
Tgt Ion: 98 Resp: 339652
Ion Ratio Lower Upper
98 100
100 62.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 37.460 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion: 95 Resp: 100091
Ion Ratio Lower Upper
95 100
174 95.7 0.0 178.2
176 92.1 0.0 173.8

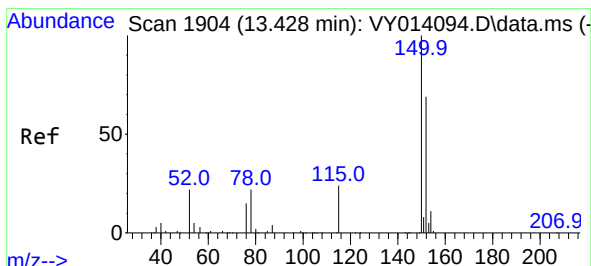
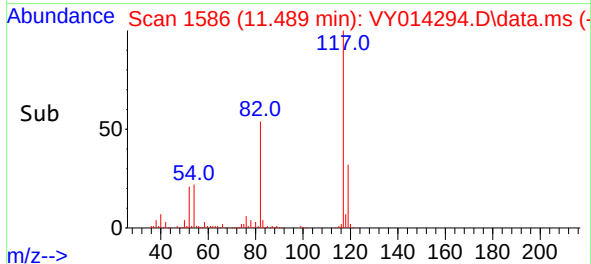
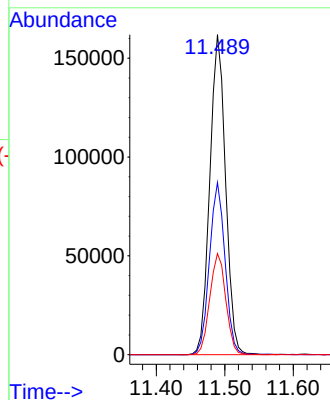
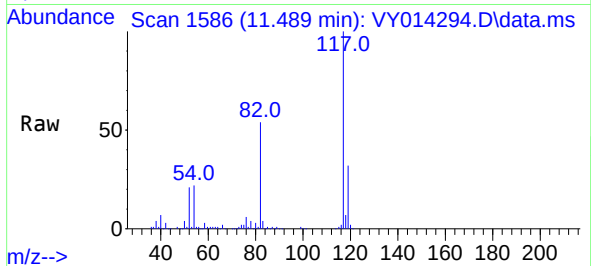




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

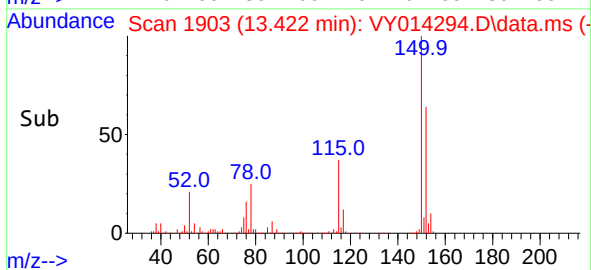
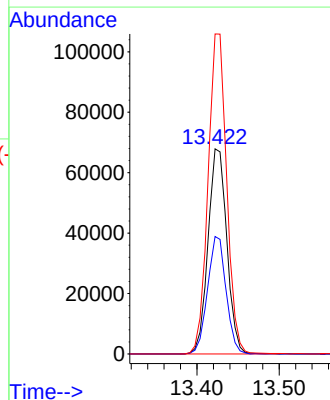
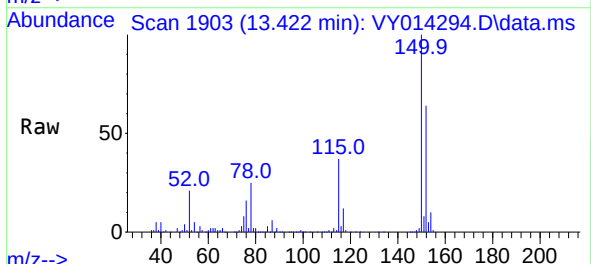
Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

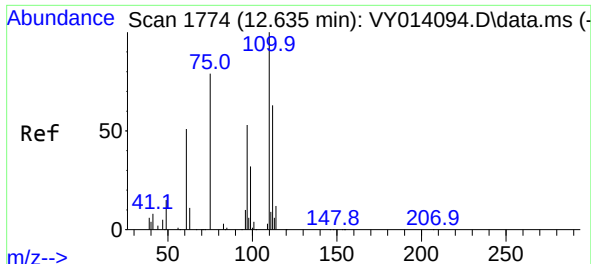
Tgt Ion:117 Resp: 259464
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.6 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion:152 Resp: 107846
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 154.7 0.0 348.8

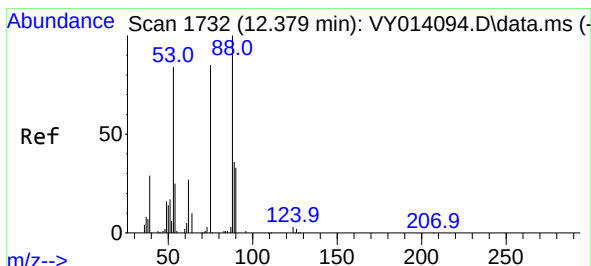
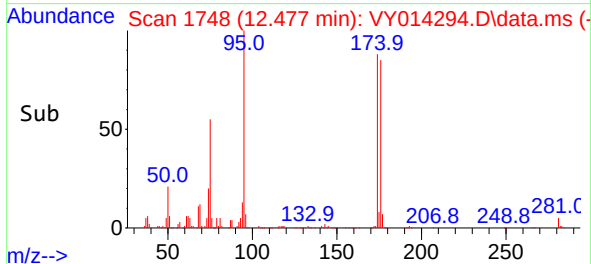
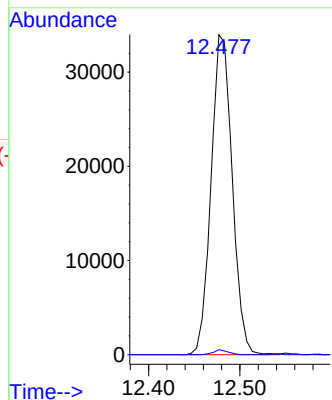
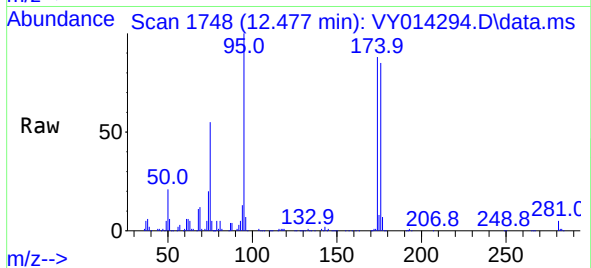




#76
1,2,3-Trichloropropane
Concen: 38.519 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Instrument :
MSVOA_Y
ClientSampleId :
SP-LEFT

Tgt Ion: 75 Resp: 54501
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.263 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY014294.D
Acq: 20 Jun 2023 19:27

Tgt Ion: 75 Resp: 54501
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

