

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010932.D
 Acq On : 12 Oct 2022 11:31
 Operator : KP/MD
 Sample : VY1012SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1012SBL01

Quant Time: Oct 13 05:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

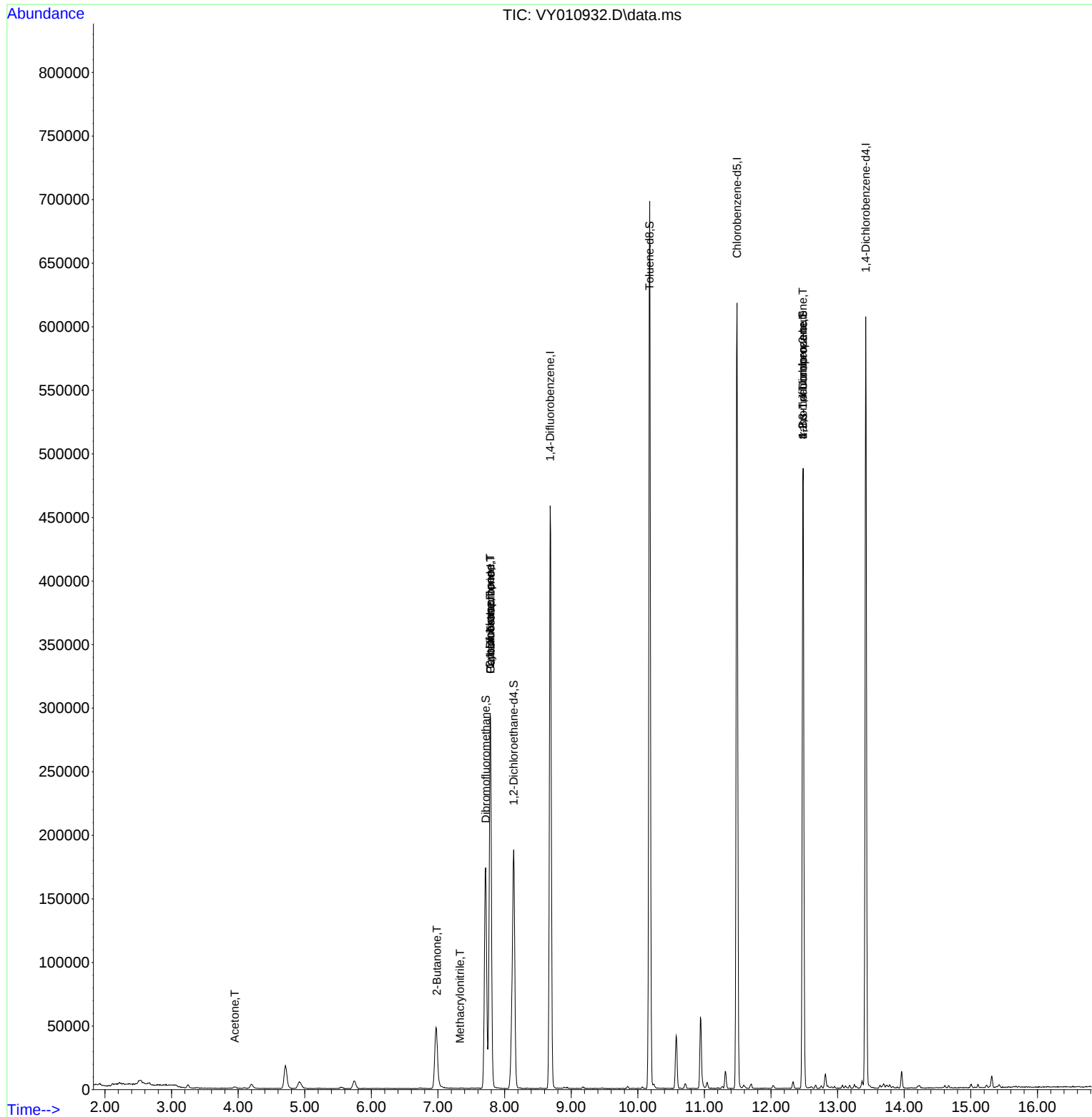
Internal Standards						
1) Pentafluorobenzene	7.789	168	230815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	391637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	345158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	153345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	127614	54.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.100%	
35) Dibromofluoromethane	7.716	113	127299	48.967	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.940%	
50) Toluene-d8	10.179	98	459030	51.630	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.477	95	146504	41.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.917	59	5840	Below Cal	#	77
16) Acetone	3.948	43	2301	3.872	ug/l #	77
20) Methylene Chloride	4.710	84	13253	Below Cal		88
25) 2-Butanone	6.984	43	3141	3.677	ug/l	98
31) Cyclohexane	7.783	56	4969	1.187	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	17690	4.714	ug/l #	51
38) Carbon Tetrachloride	7.789	117	22731	5.815	ug/l #	15
41) Methacrylonitrile	7.332	41	56	2.631	ug/l #	36
76) 1,2,3-Trichloropropane	12.477	75	74909	48.238	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74909	100.765	ug/l #	7

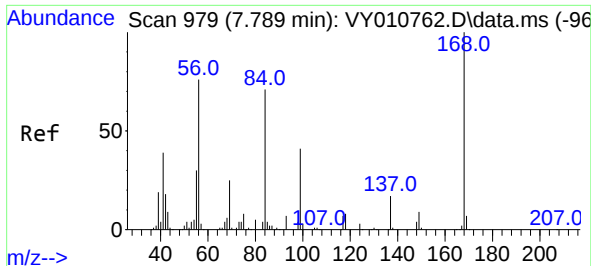
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
Data File : VY010932.D
Acq On : 12 Oct 2022 11:31
Operator : KP/MD
Sample : VY1012SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

Quant Time: Oct 13 05:33:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 04 07:26:22 2022
Response via : Initial Calibration

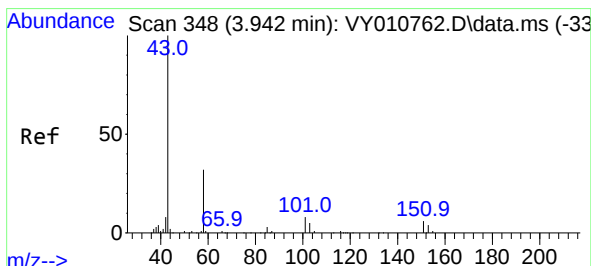
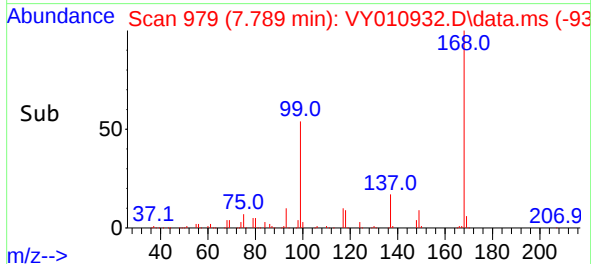
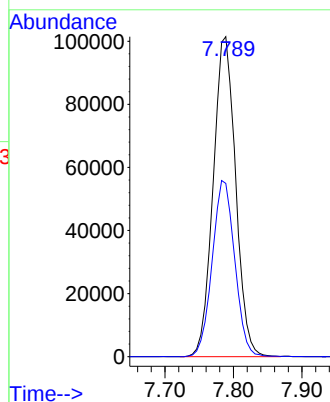
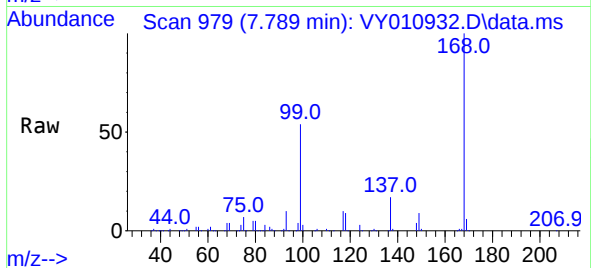




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

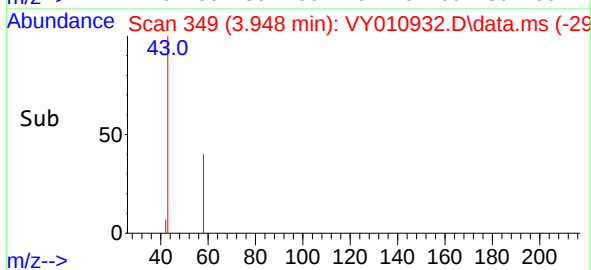
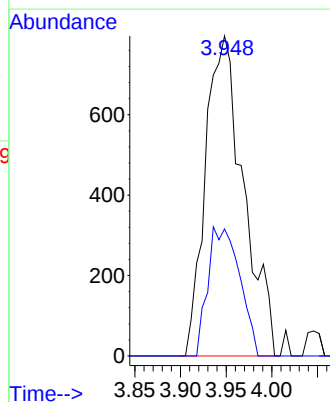
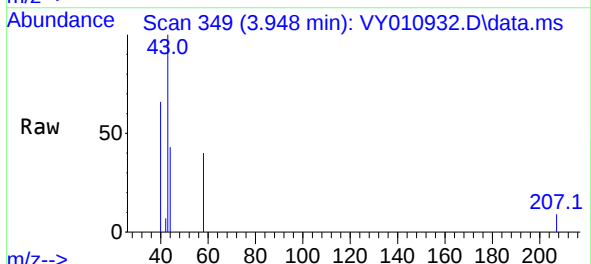
Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

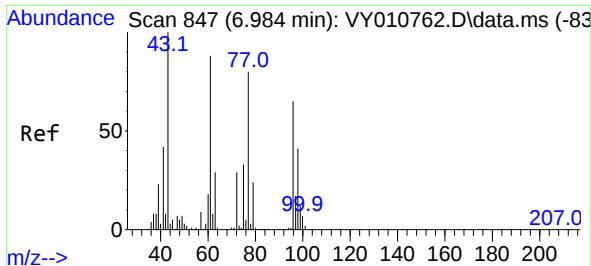
Tgt Ion:168 Resp: 230815
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 3.872 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 43 Resp: 2301
Ion Ratio Lower Upper
43 100
58 39.7 22.0 33.0#

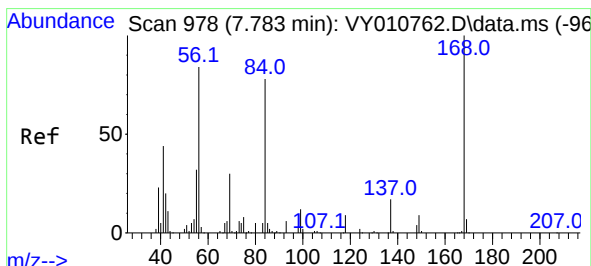
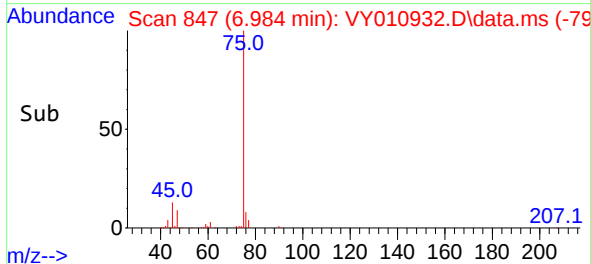
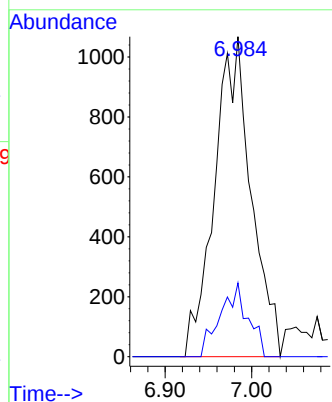
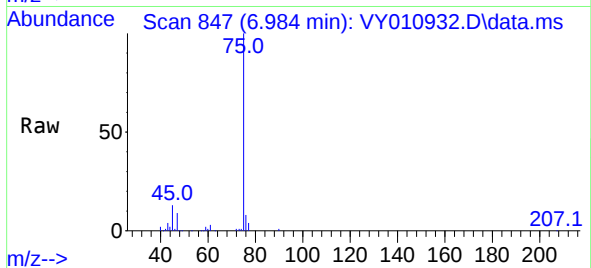




#25
2-Butanone
Concen: 3.677 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

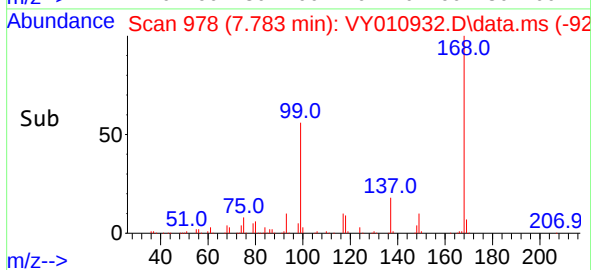
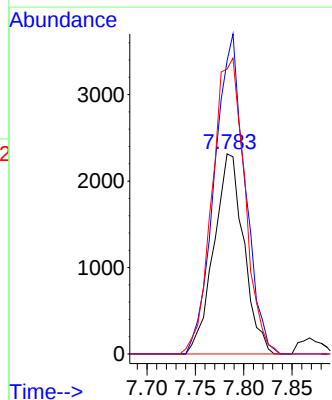
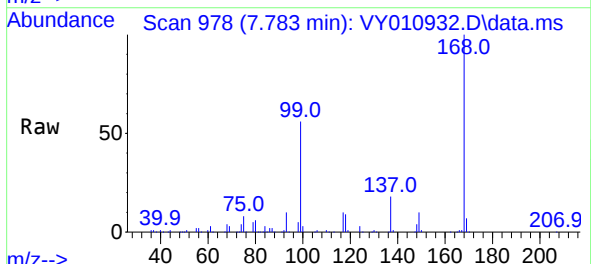
Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

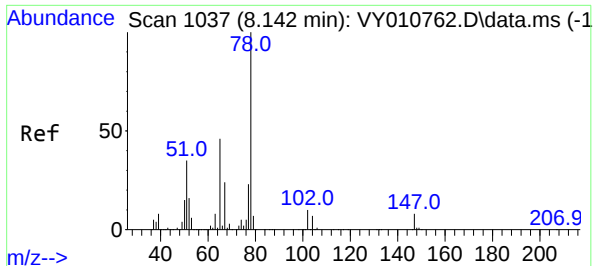
Tgt Ion: 43 Resp: 3141
Ion Ratio Lower Upper
43 100
72 23.0 17.7 26.5



#31
Cyclohexane
Concen: 1.187 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 56 Resp: 4969
Ion Ratio Lower Upper
56 100
69 146.4 26.7 40.1#
84 147.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.545 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY010932.D

Acq: 12 Oct 2022 11:31

Instrument :

MSVOA_Y

ClientSampleId :

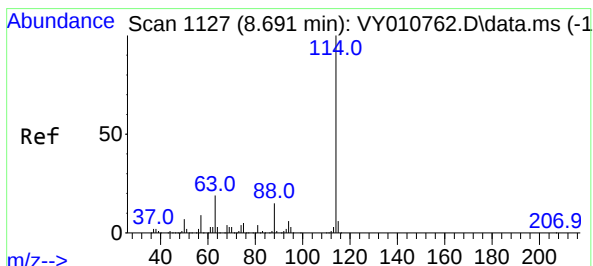
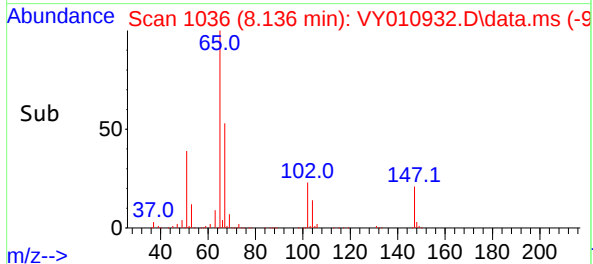
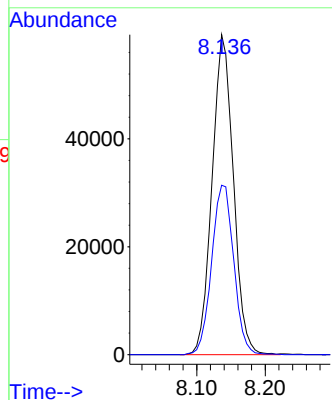
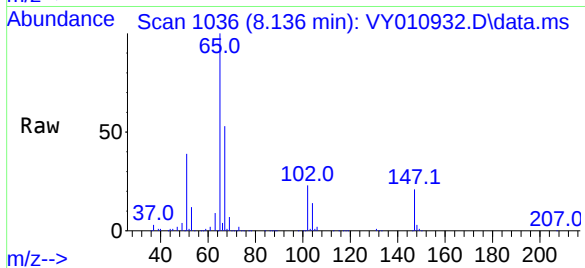
VY1012SBL01

Tgt Ion: 65 Resp: 127614

Ion Ratio Lower Upper

65 100

67 55.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY010932.D

Acq: 12 Oct 2022 11:31

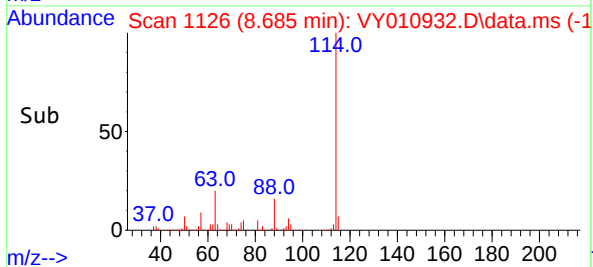
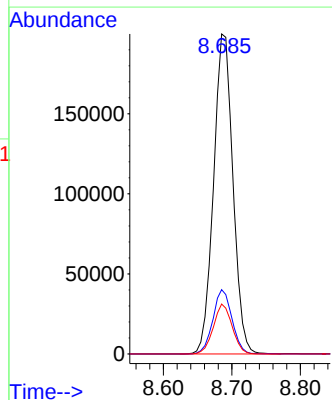
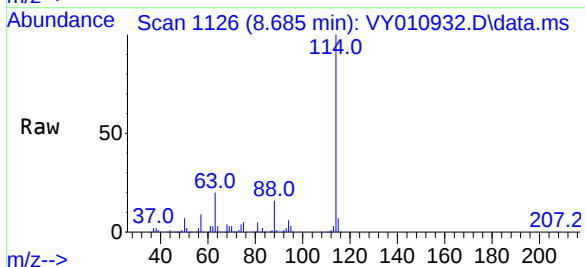
Tgt Ion:114 Resp: 391637

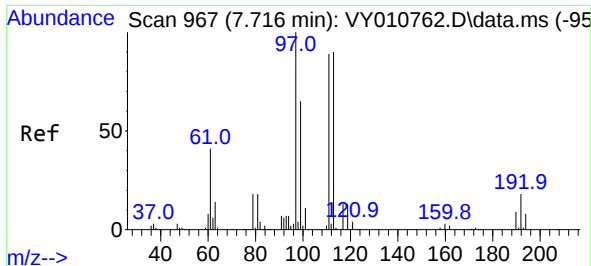
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.6 0.0 31.8

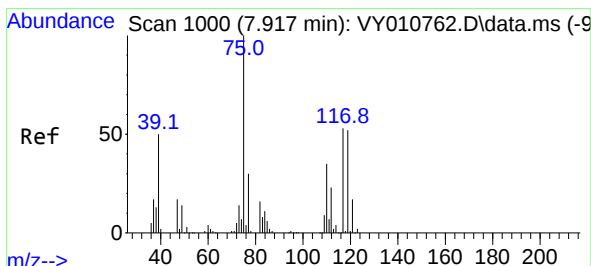
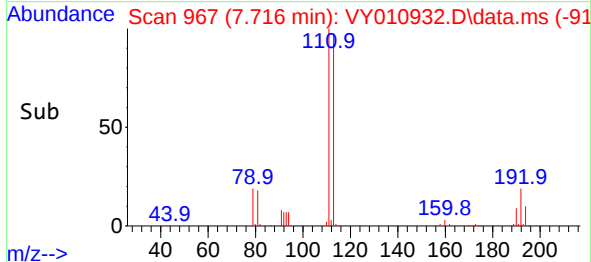
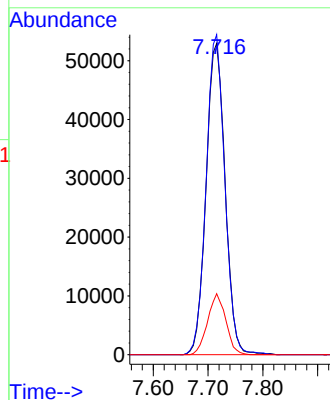
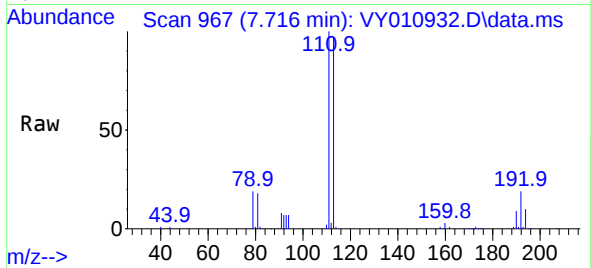




#35
Dibromofluoromethane
Concen: 48.967 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

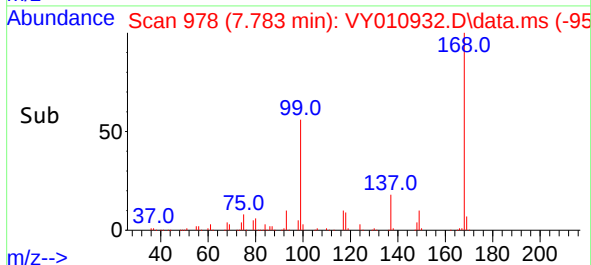
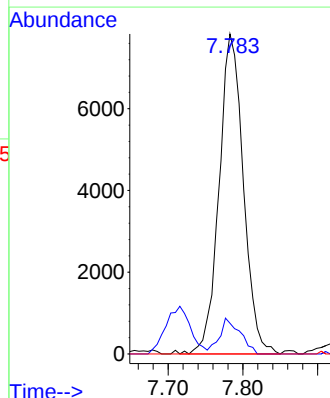
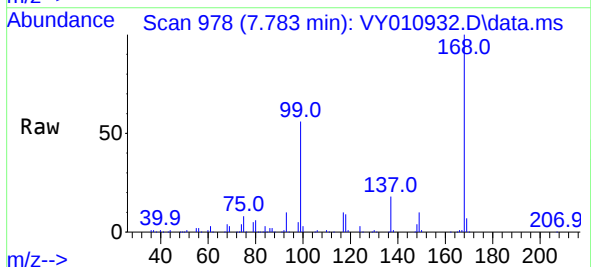
Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

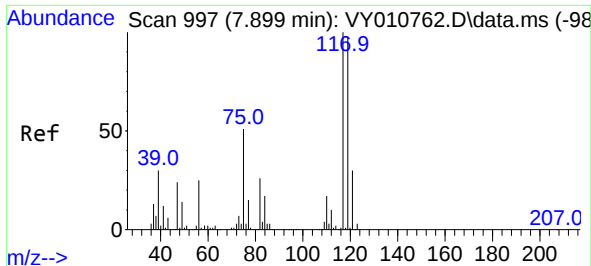
Tgt Ion:113 Resp: 127299
Ion Ratio Lower Upper
113 100
111 100.9 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.714 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

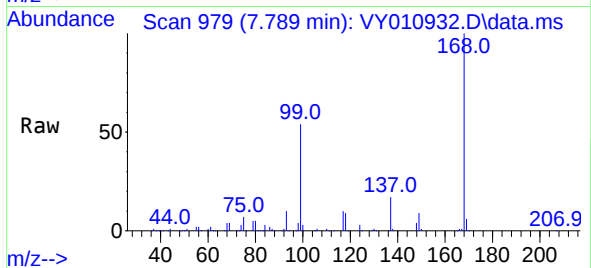
Tgt Ion: 75 Resp: 17690
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#



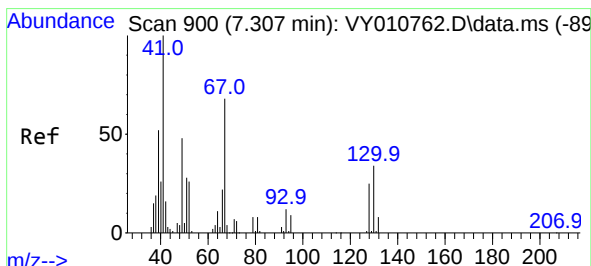
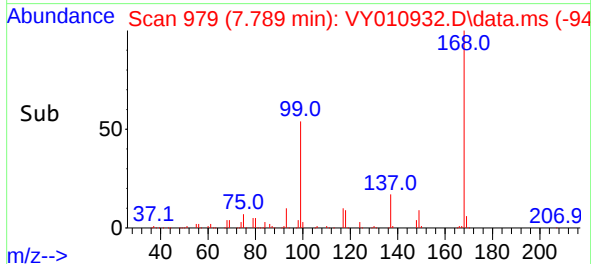
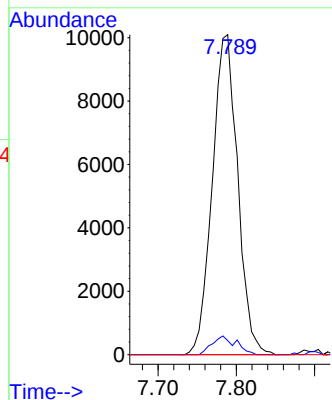


#38
Carbon Tetrachloride
Concen: 5.815 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

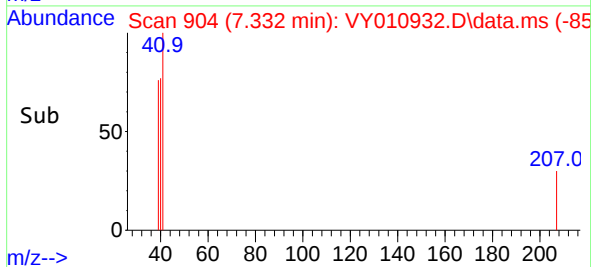
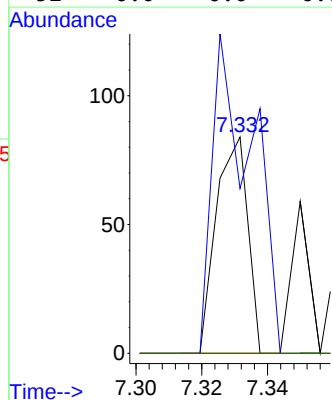
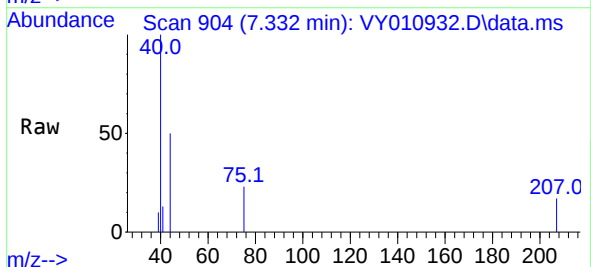


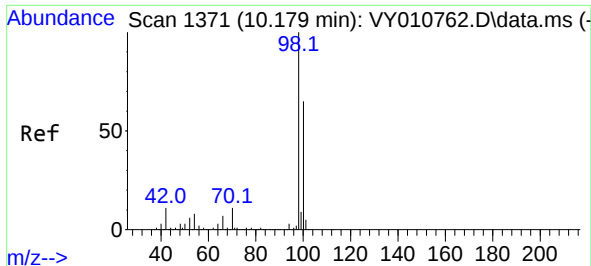
Tgt Ion: 117 Resp: 22731
Ion Ratio Lower Upper
117 100
119 4.4 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 2.631 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.025 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 41 Resp: 56
Ion Ratio Lower Upper
41 100
39 185.7 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

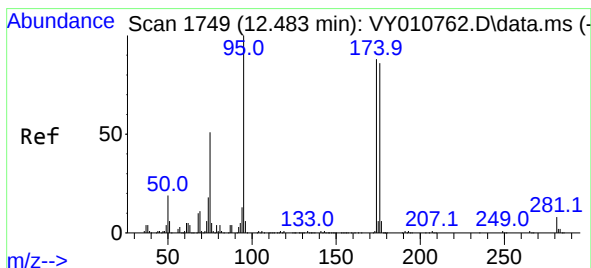
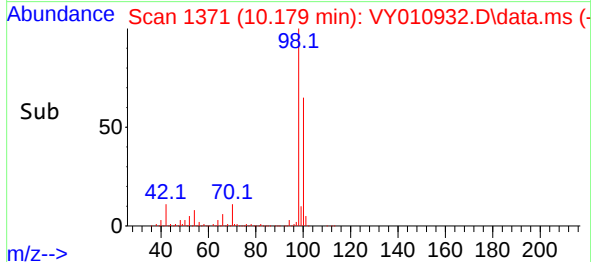
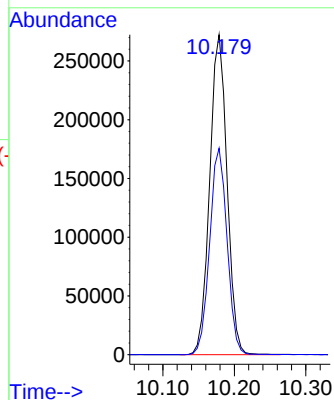
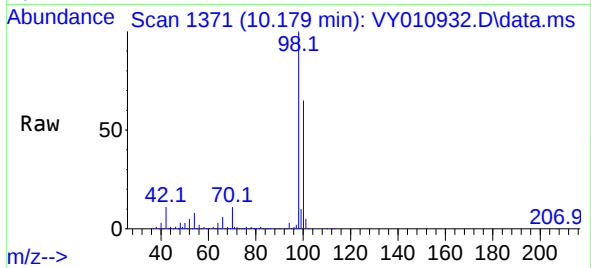




#50
Toluene-d8
Concen: 51.630 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

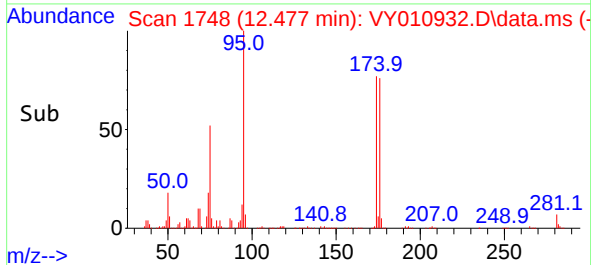
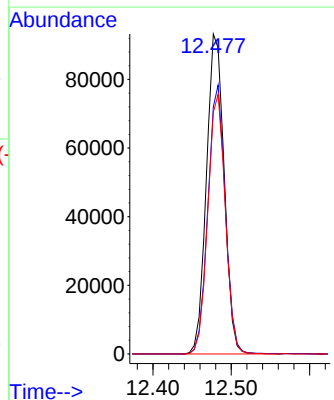
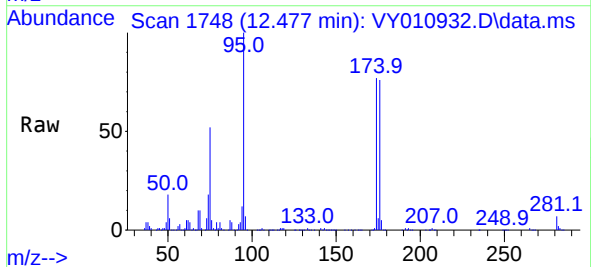
Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

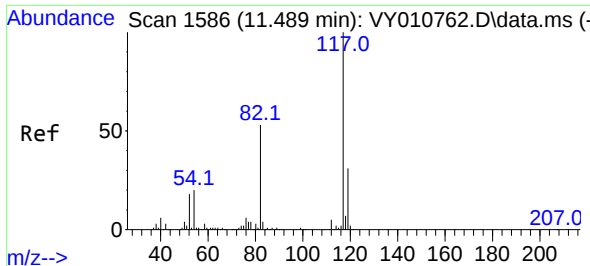
Tgt Ion: 98 Resp: 459030
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.557 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 95 Resp: 146504
Ion Ratio Lower Upper
95 100
174 82.3 0.0 177.0
176 79.6 0.0 175.8

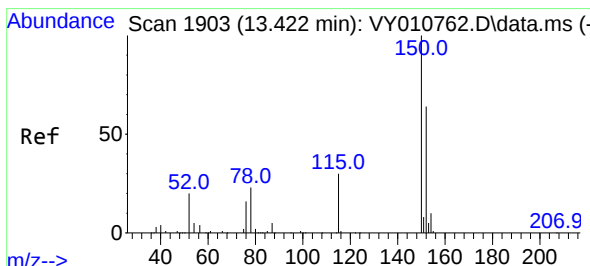
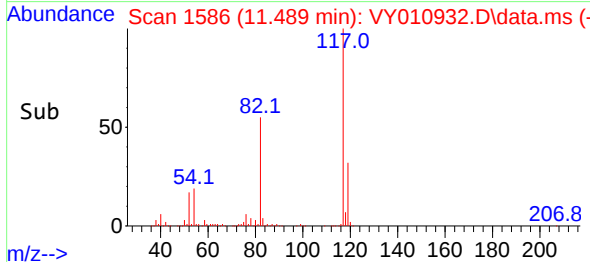
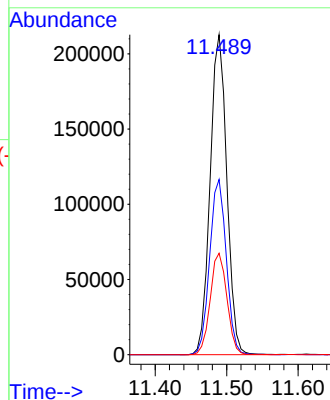
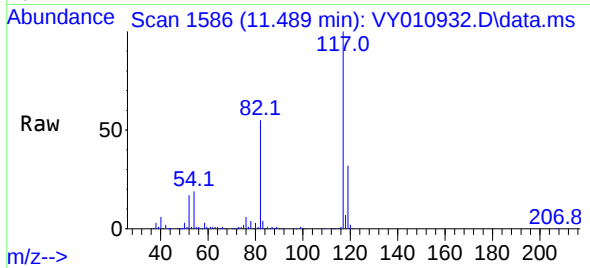




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

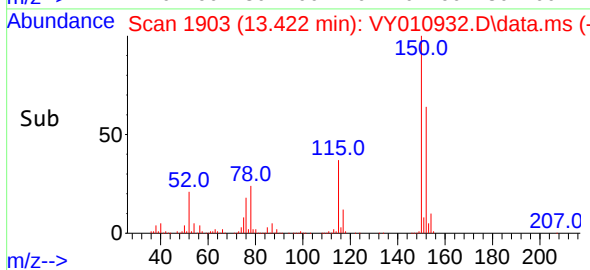
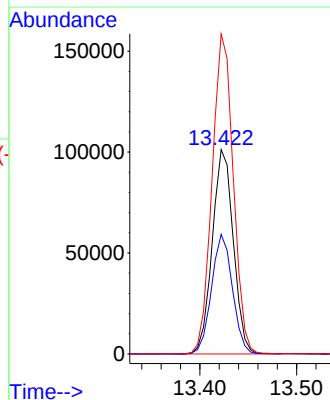
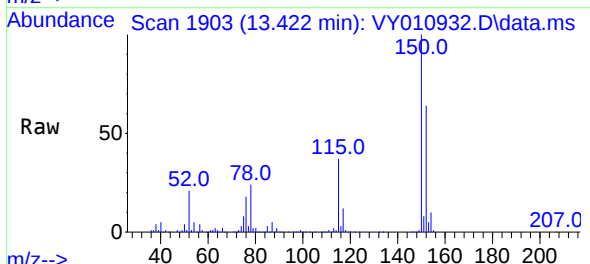
Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

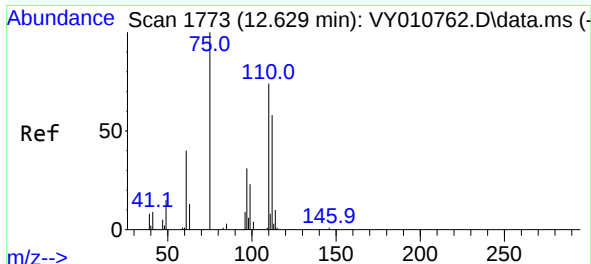
Tgt Ion:117 Resp: 345158
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion:152 Resp: 153345
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 157.0 0.0 347.6

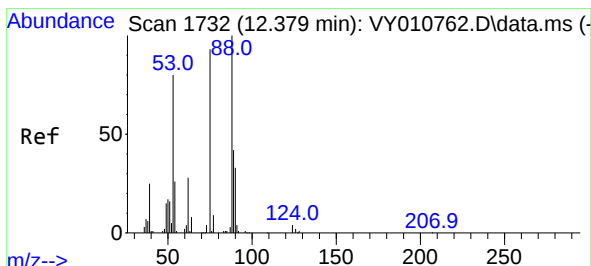
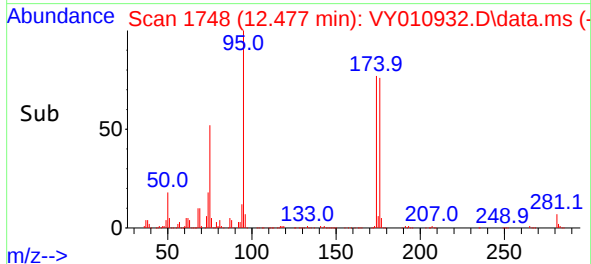
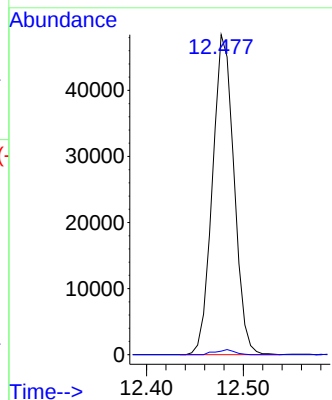
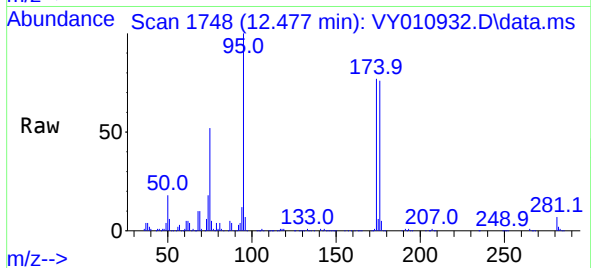




#76
1,2,3-Trichloropropane
Concen: 48.238 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.152 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Instrument :
MSVOA_Y
ClientSampleId :
VY1012SBL01

Tgt Ion: 75 Resp: 74909
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.765 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY010932.D
Acq: 12 Oct 2022 11:31

Tgt Ion: 75 Resp: 74909
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.3 37.0 55.4#

