

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102022\
 Data File : VY011014.D
 Acq On : 20 Oct 2022 10:59
 Operator : KP/MD
 Sample : VY1020SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1020SBL01

Quant Time: Oct 20 22:21:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101722S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 18 01:42:42 2022
 Response via : Initial Calibration

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

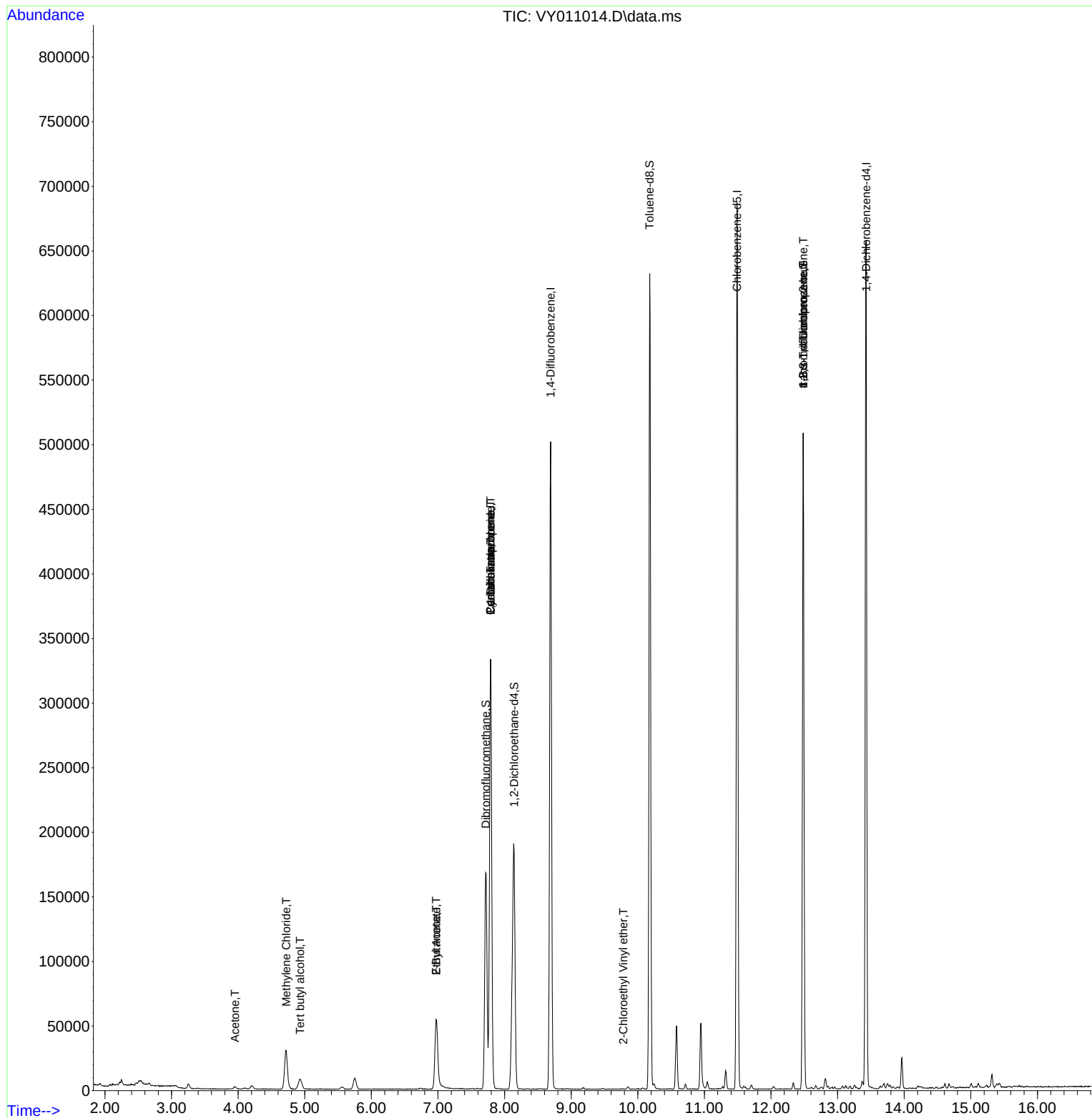
Internal Standards						
1) Pentafluorobenzene	7.789	168	265670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	435623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	383102	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	173996	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	121076	49.475	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.960%
35) Dibromofluoromethane	7.716	113	124067	51.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.179	98	423201	46.527	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.060%
62) 4-Bromofluorobenzene	12.483	95	147225	45.412	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	8337	9.377	ug/l #	77
16) Acetone	3.954	43	3177	4.470	ug/l #	78
18) Methyl Acetate	4.466	43	62	Below Cal	#	56
20) Methylene Chloride	4.722	84	23606	1.493	ug/l #	83
25) 2-Butanone	6.972	43	3710	3.442	ug/l #	90
31) Cyclohexane	7.789	56	5317	1.135	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	20754	5.118	ug/l #	50
37) Ethyl Acetate	6.972	43	3710	1.652	ug/l #	1
38) Carbon Tetrachloride	7.789	117	25742	6.149	ug/l #	16
58) 2-Chloroethyl Vinyl ether	9.782	63	101	17.019	ug/l #	48
76) 1,2,3-Trichloropropane	12.483	75	74287	37.606	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	74287	80.880	ug/l #	7

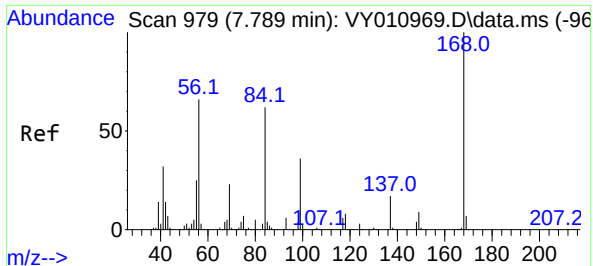
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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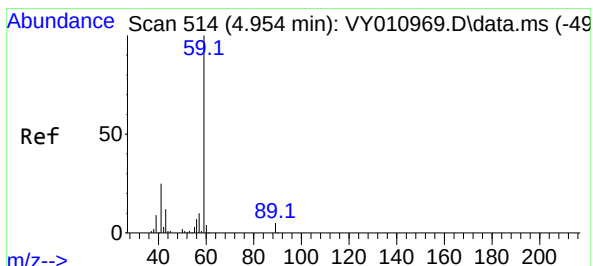
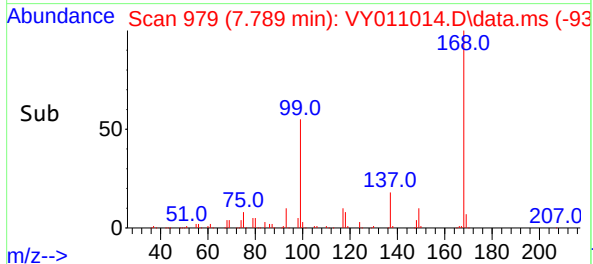
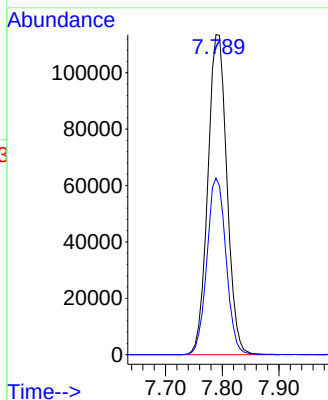
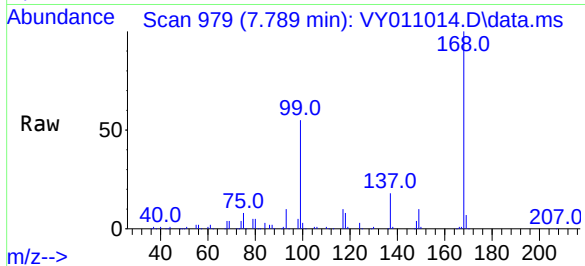




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

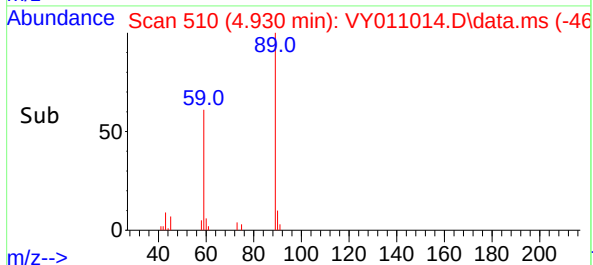
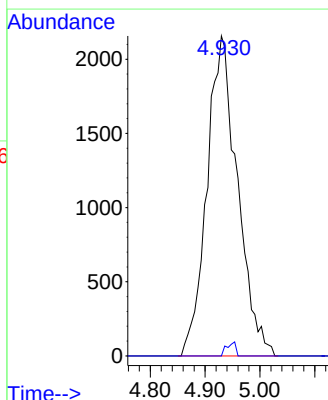
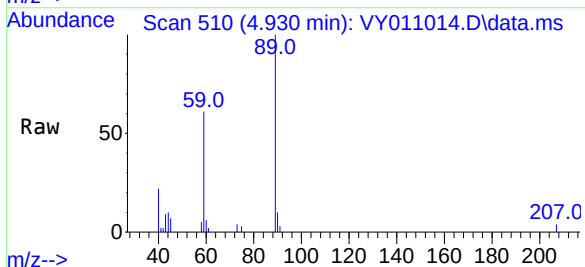
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

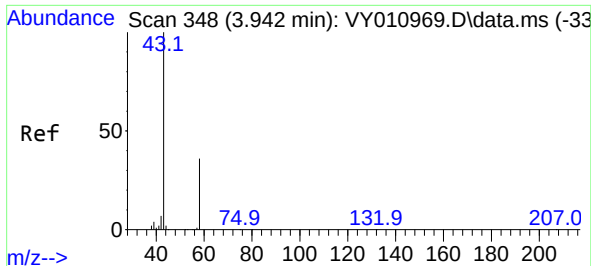
Tgt Ion:168 Resp: 265670
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#11
Tert butyl alcohol
Concen: 9.377 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 59 Resp: 8337
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

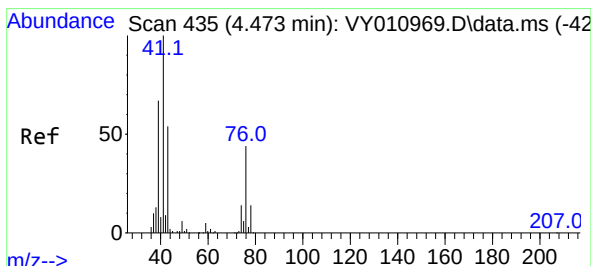
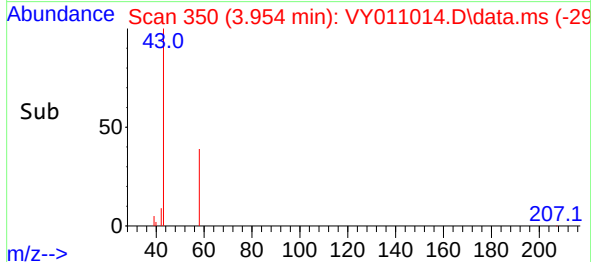
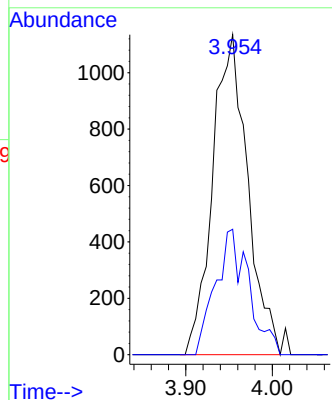
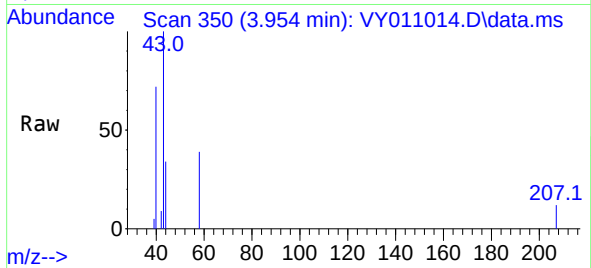




#16
Acetone
Concen: 4.470 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

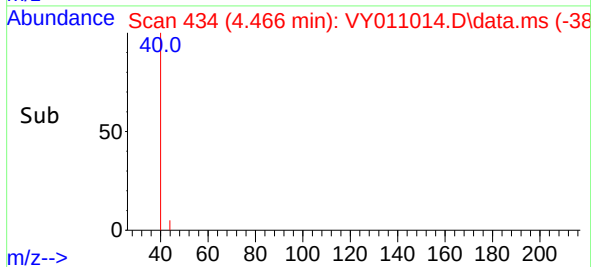
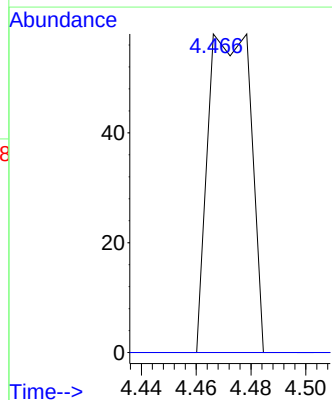
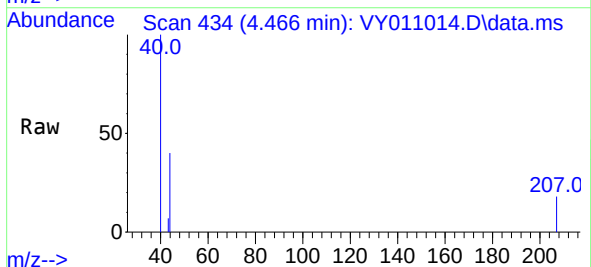
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

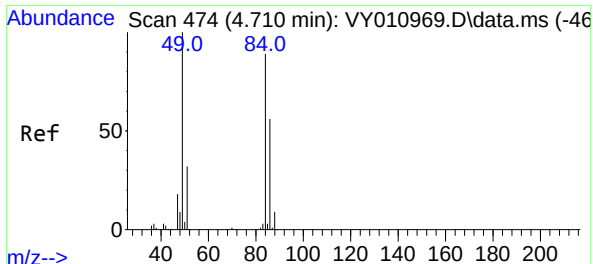
Tgt Ion: 43 Resp: 3177
Ion Ratio Lower Upper
43 100
58 39.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



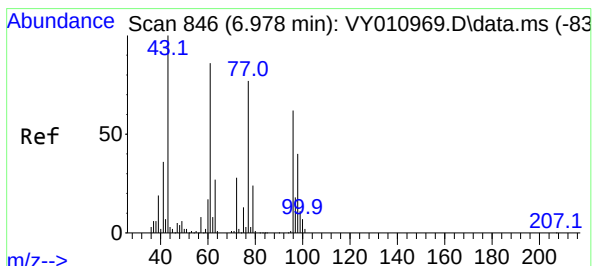
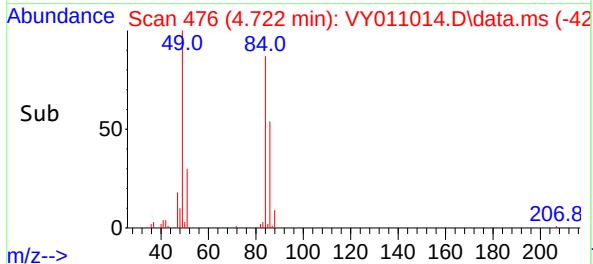
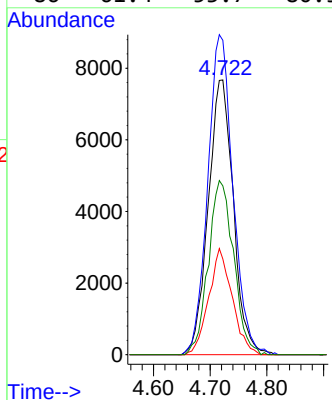
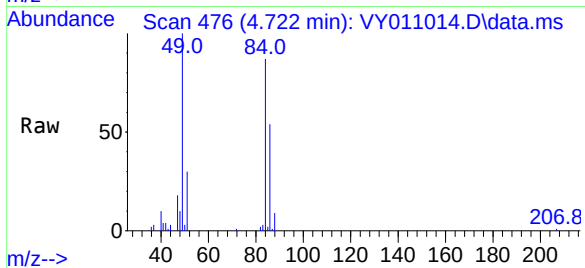


#20
Methylene Chloride
Concen: 1.493 ug/l
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

Tgt Ion: 84 Resp: 23606

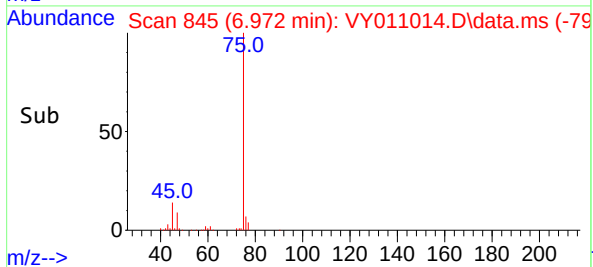
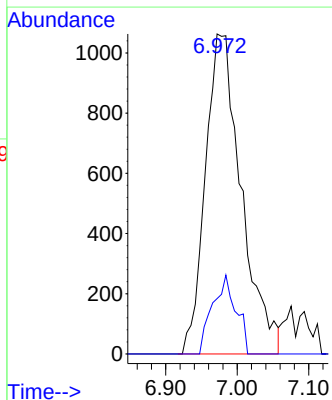
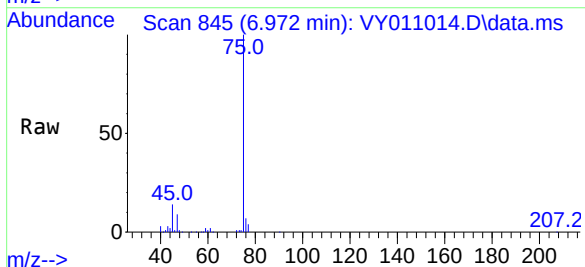
Ion	Ratio	Lower	Upper
84	100		
49	114.4	114.4	171.6
51	34.8	35.3	52.9#
86	61.4	53.7	80.5

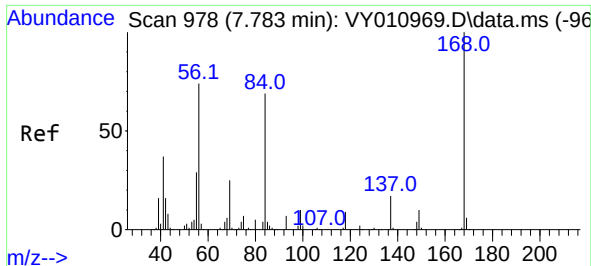


#25
2-Butanone
Concen: 3.442 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 43 Resp: 3710

Ion	Ratio	Lower	Upper
43	100		
72	17.3	17.7	26.5#

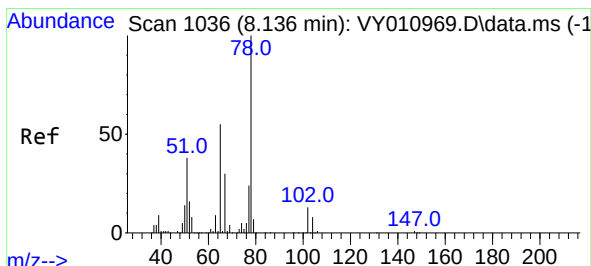
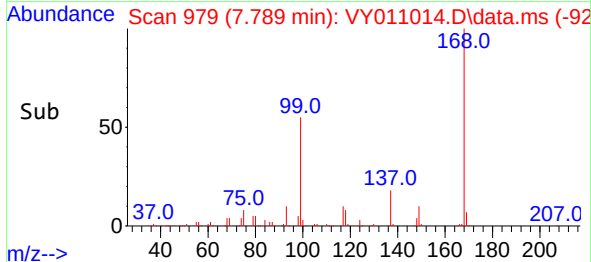
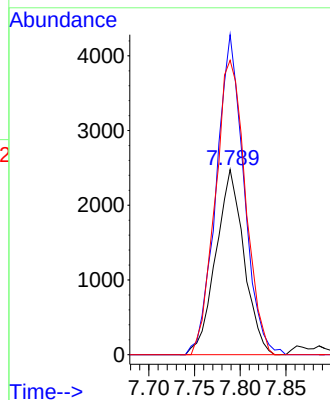
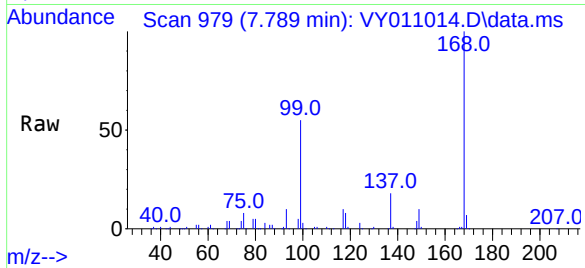




#31
Cyclohexane
Concen: 1.135 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

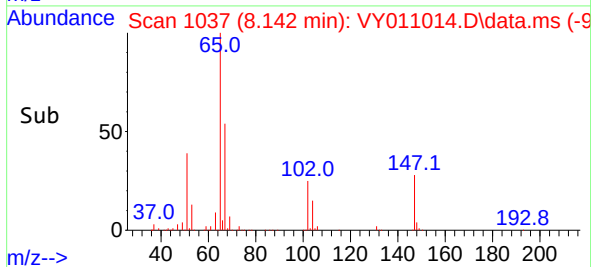
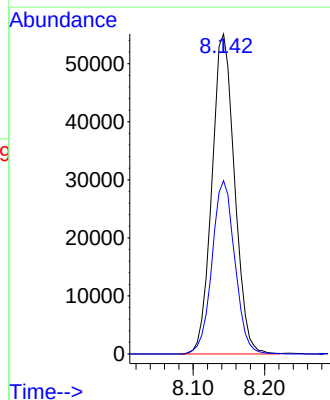
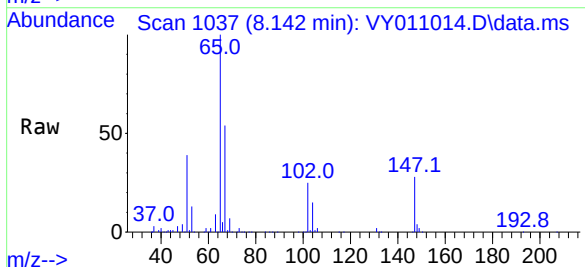
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

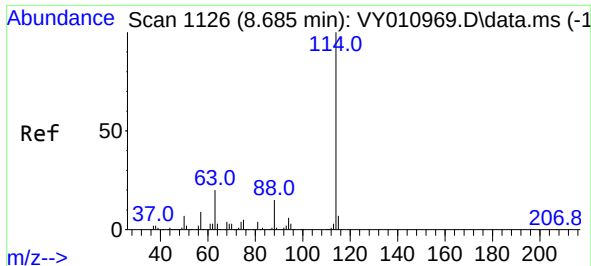
Tgt Ion: 56 Resp: 5317
Ion Ratio Lower Upper
56 100
69 172.8 26.7 40.1#
84 159.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 49.475 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 65 Resp: 121076
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY011014.D

Acq: 20 Oct 2022 10:59

Instrument :

MSVOA_Y

ClientSampleId :

VY1020SBL01

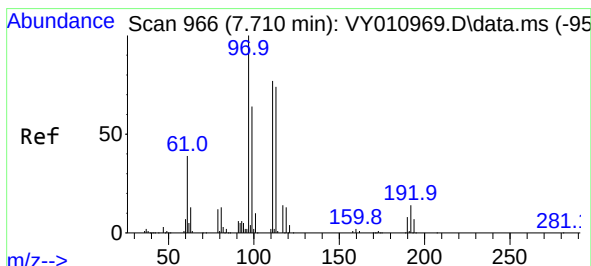
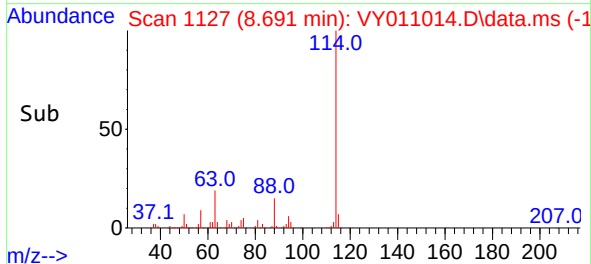
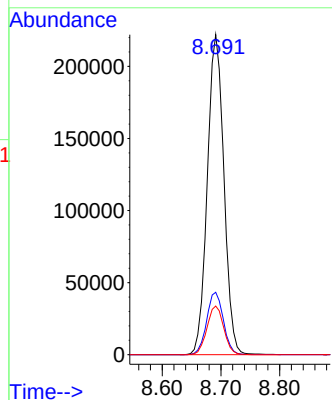
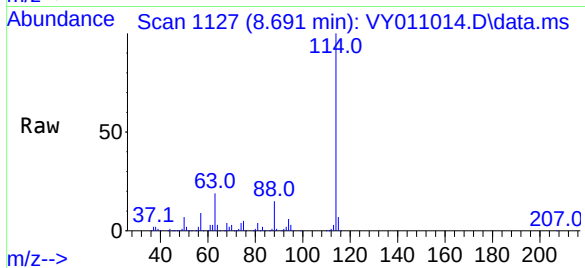
Tgt Ion:114 Resp: 435623

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.142 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011014.D

Acq: 20 Oct 2022 10:59

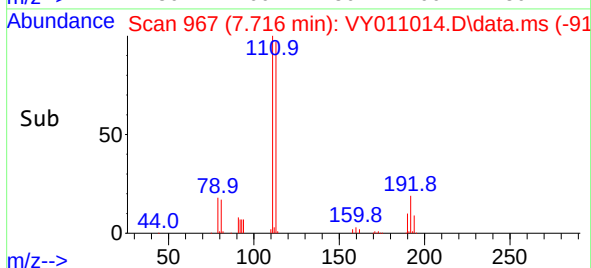
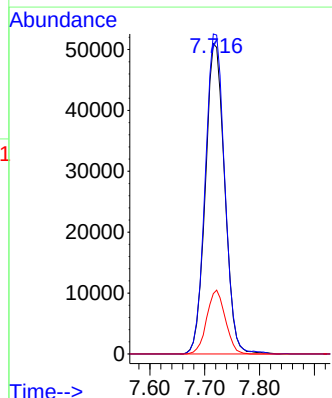
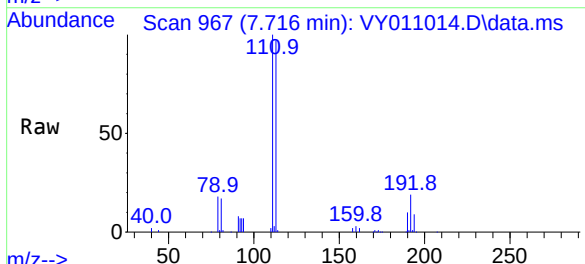
Tgt Ion:113 Resp: 124067

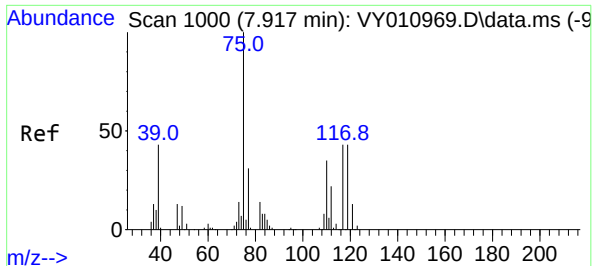
Ion Ratio Lower Upper

113 100

111 103.9 82.6 124.0

192 19.9 17.6 26.4

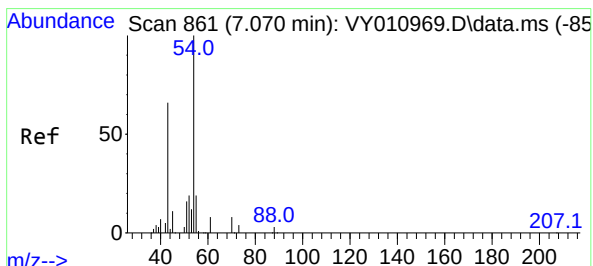
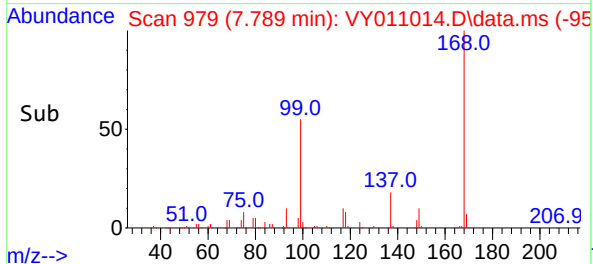
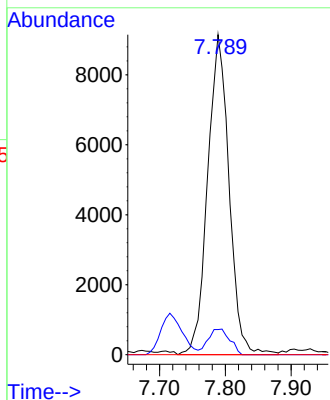
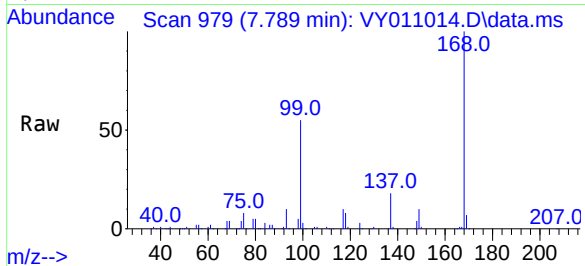




#36
1,1-Dichloropropene
Concen: 5.118 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

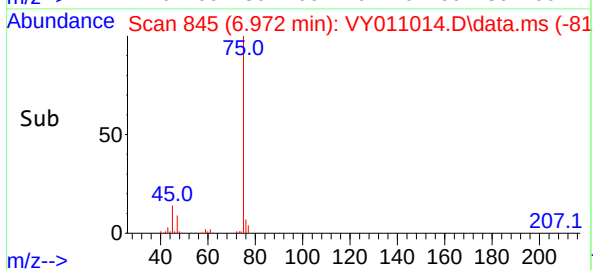
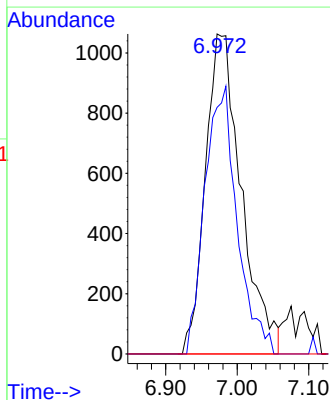
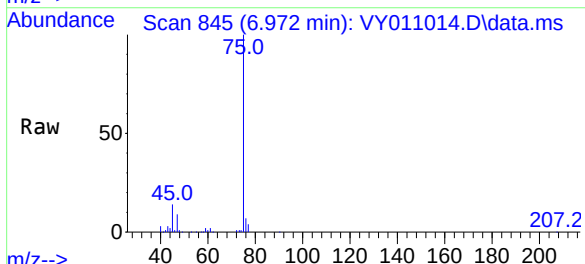
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

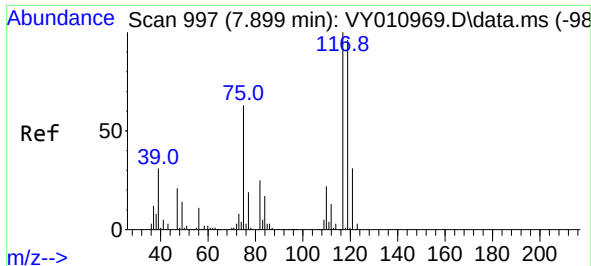
Tgt Ion: 75 Resp: 20754
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 1.652 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.098 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 43 Resp: 3710
Ion Ratio Lower Upper
43 100
61 75.1 9.7 14.5#
70 0.0 7.1 10.7#

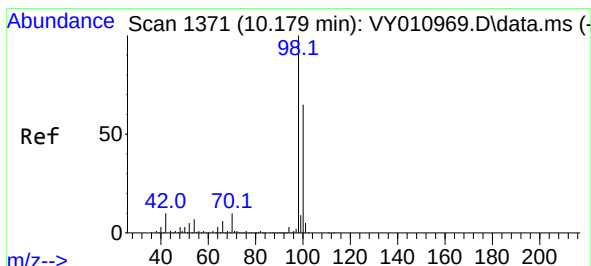
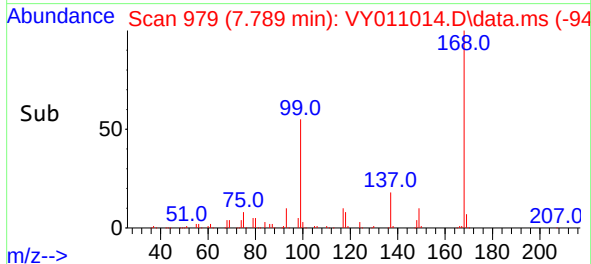
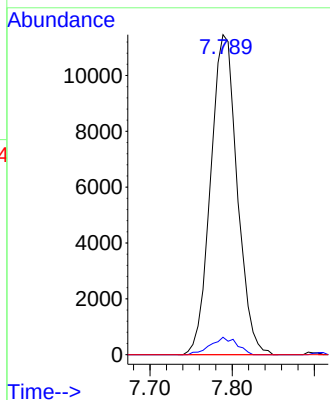
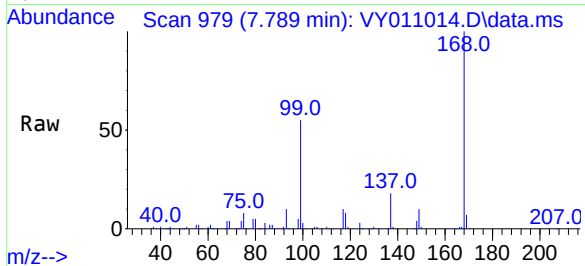




#38
Carbon Tetrachloride
Concen: 6.149 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

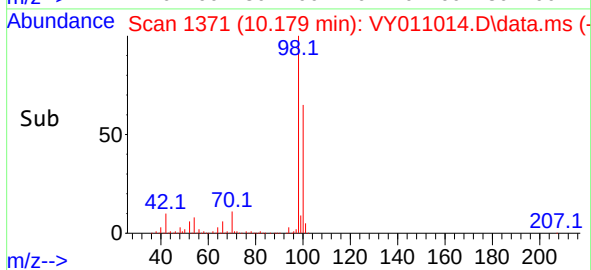
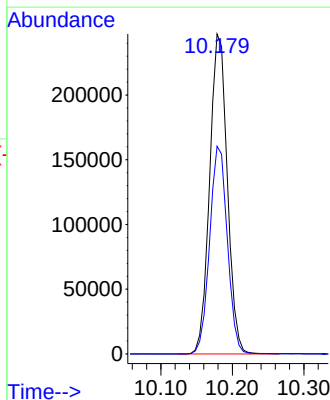
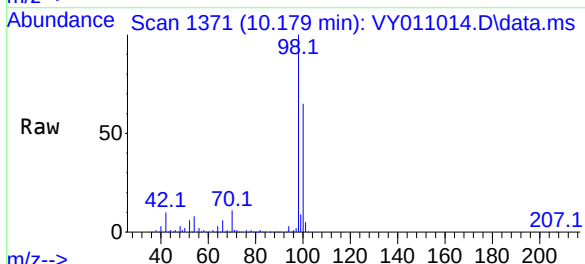
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

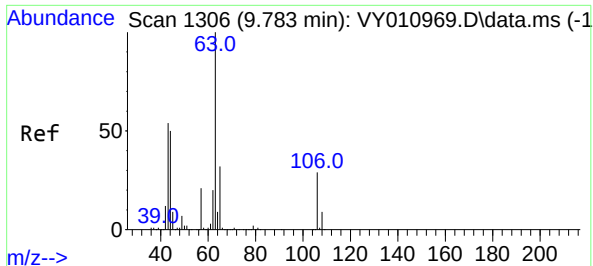
Tgt Ion:117 Resp: 25742
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 46.527 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 98 Resp: 423201
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

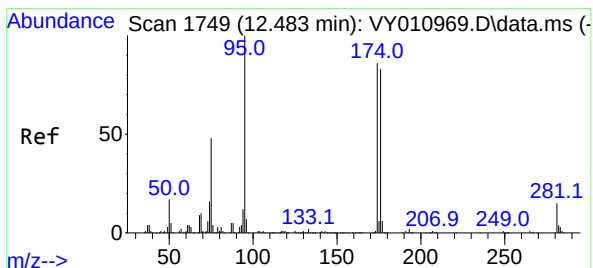
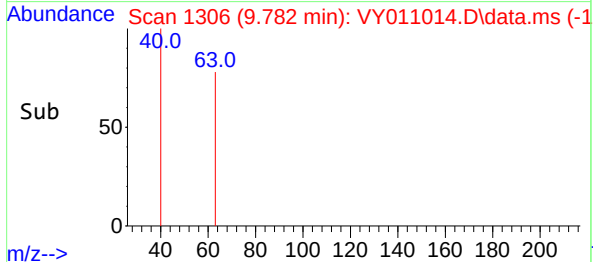
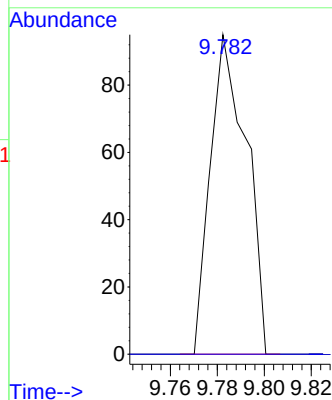
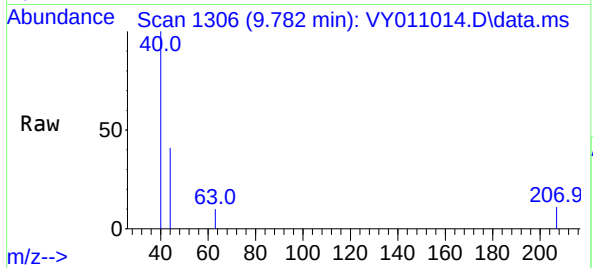




#58
2-Chloroethyl Vinyl ether
Concen: 17.019 ug/l
RT: 9.782 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

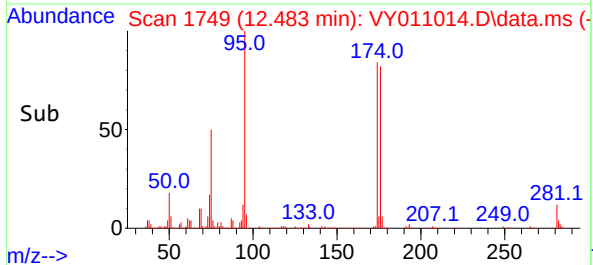
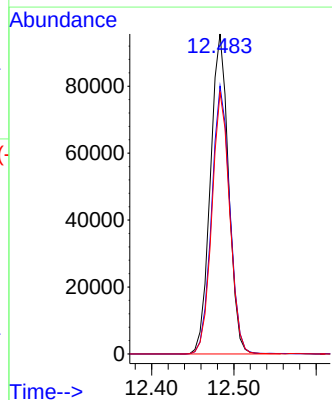
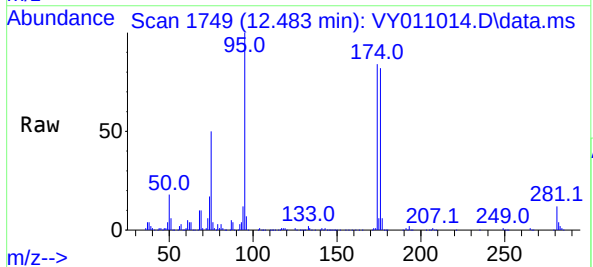
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

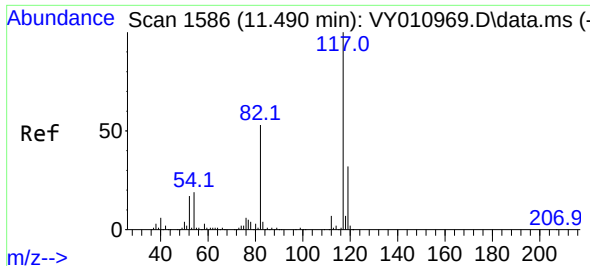
Tgt Ion: 63 Resp: 101
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 45.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 95 Resp: 147225
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.1 0.0 175.8

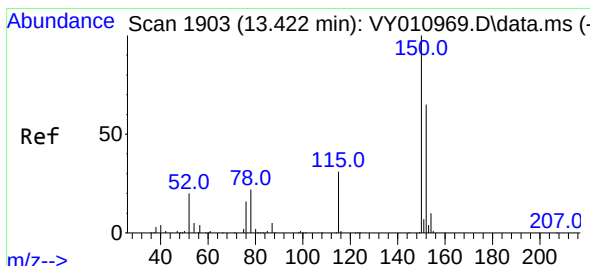
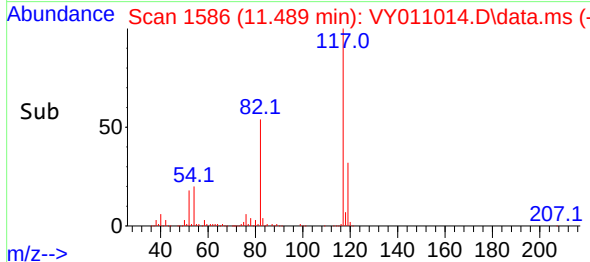
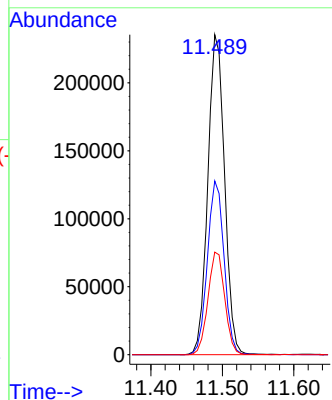
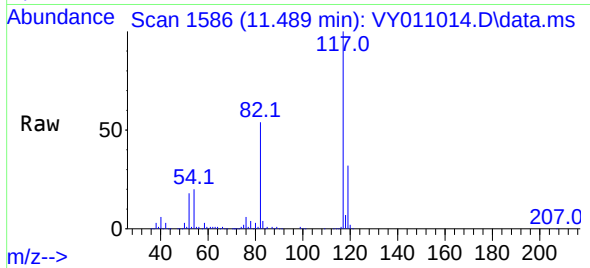




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

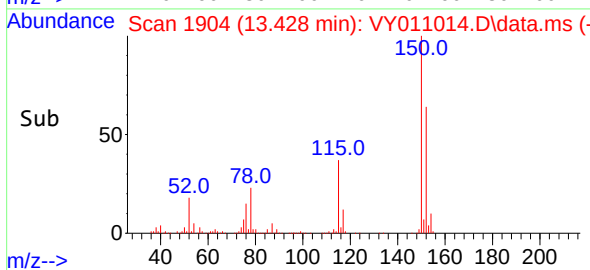
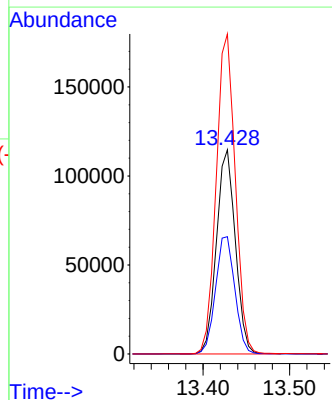
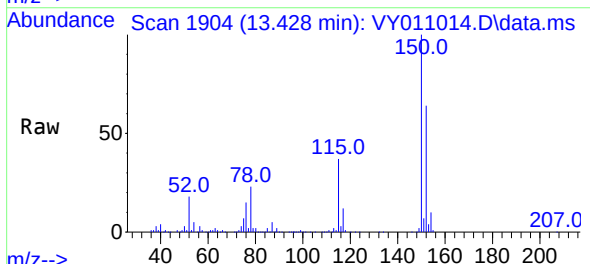
Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

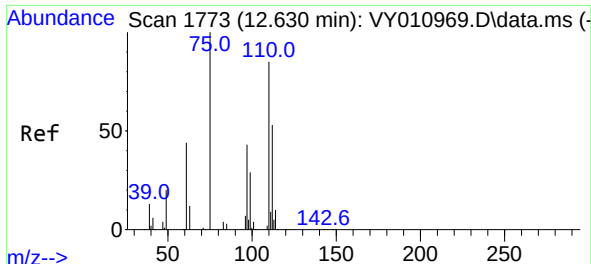
Tgt Ion:117 Resp: 383102
Ion Ratio Lower Upper
117 100
82 54.3 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion:152 Resp: 173996
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 157.9 0.0 347.6

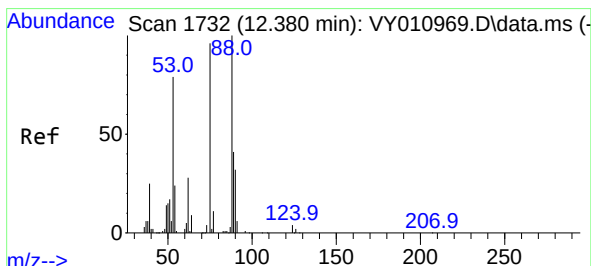
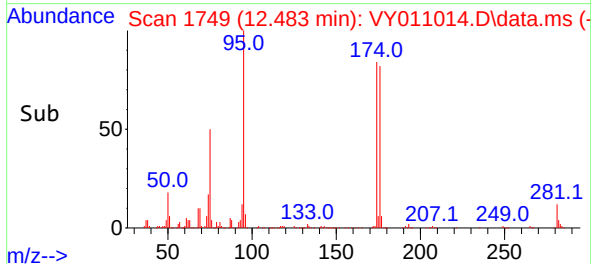
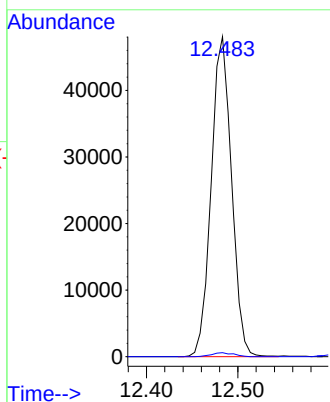
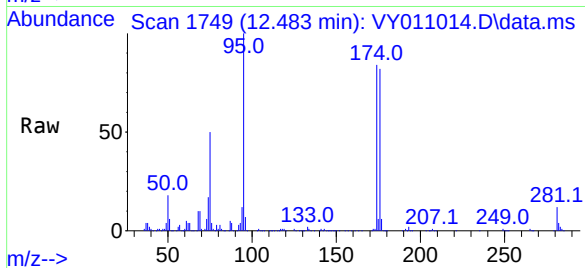




#76
1,2,3-Trichloropropane
Concen: 37.606 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Instrument :
MSVOA_Y
ClientSampleId :
VY1020SBL01

Tgt Ion: 75 Resp: 74287
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.880 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY011014.D
Acq: 20 Oct 2022 10:59

Tgt Ion: 75 Resp: 74287
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.3 37.0 55.4#

