

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011118.D
 Acq On : 26 Oct 2022 15:57
 Operator : KP/MD
 Sample : N5281-07
 Misc : 5.21g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-7

Quant Time: Oct 27 04:39:39 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)

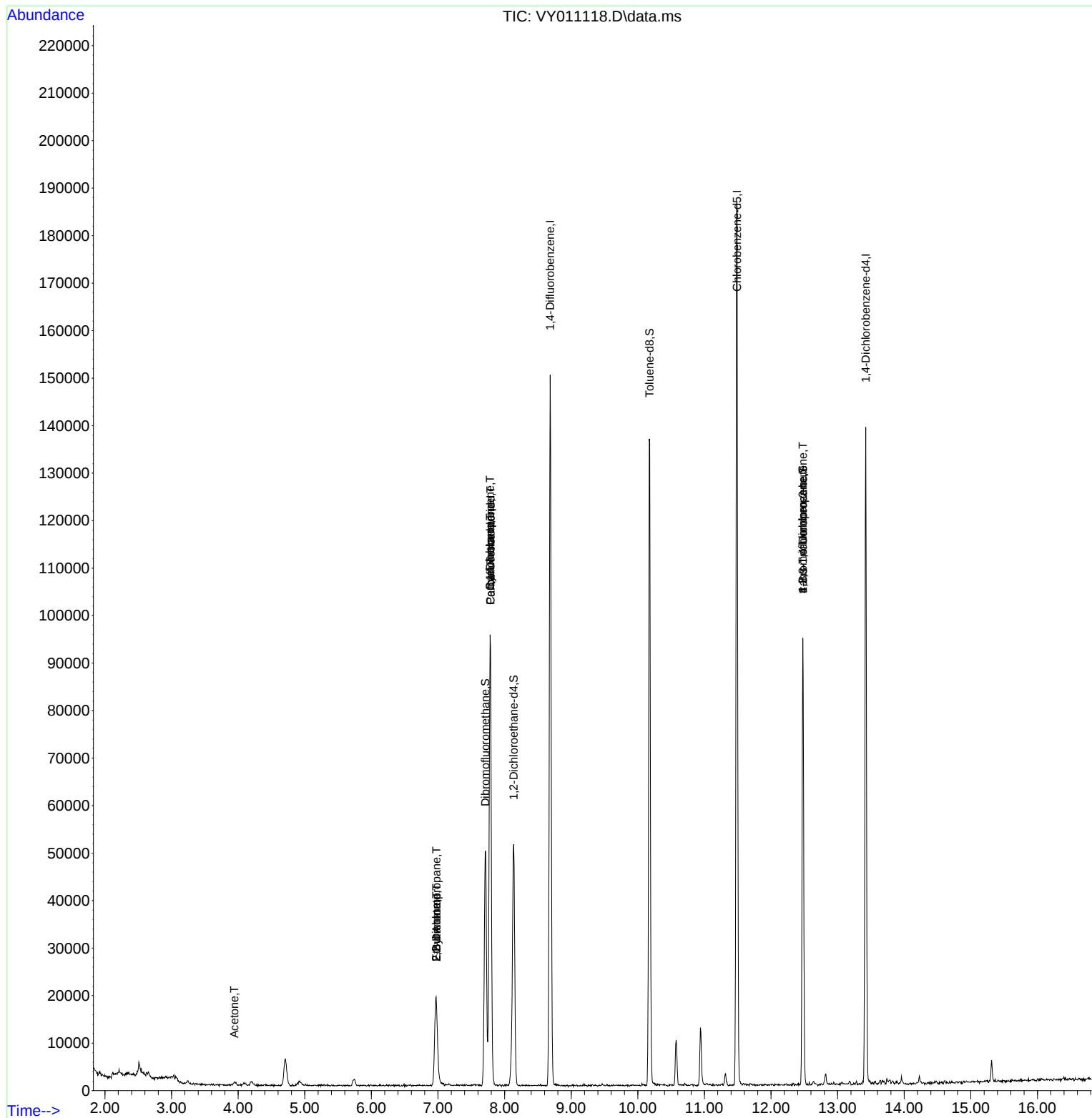
Internal Standards						
1) Pentafluorobenzene	7.789	168	74343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	127932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	108815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37470	54.716	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.440%			
35) Dibromofluoromethane	7.709	113	35577	49.884	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.760%			
50) Toluene-d8	10.179	98	93710	35.081	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 70.160%			
62) 4-Bromofluorobenzene	12.477	95	29124	29.521	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 59.040%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	1154	Below Cal	#	77
16) Acetone	3.942	43	1133	5.697	ug/l #	67
18) Methyl Acetate	4.734	43	22	Below Cal	#	56
20) Methylene Chloride	4.710	84	4350	Below Cal	#	79
25) 2-Butanone	6.978	43	1386	4.596	ug/l #	90
26) 2,2-Dichloropropane	6.978	77	1514	1.179	ug/l #	55
31) Cyclohexane	7.783	56	1472	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	5911	4.963	ug/l #	49
37) Ethyl Acetate	6.978	43	1386	2.102	ug/l #	1
38) Carbon Tetrachloride	7.789	117	7530	6.125	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	14320	34.066	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	14320	73.266	ug/l #	7

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

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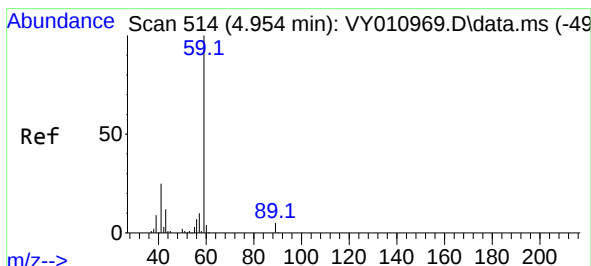
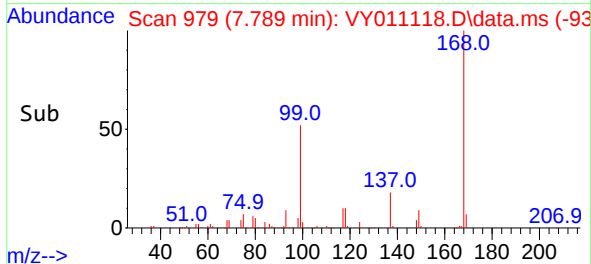
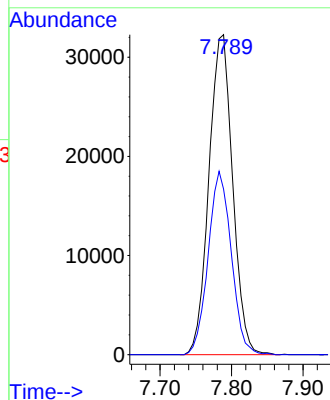
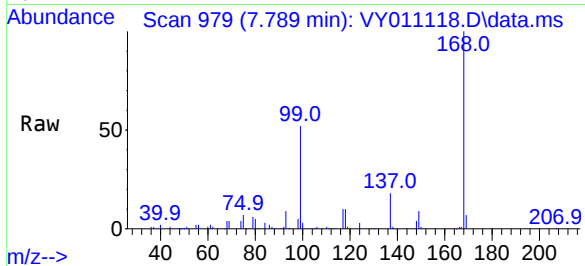




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

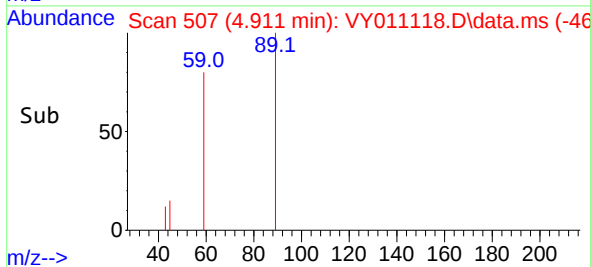
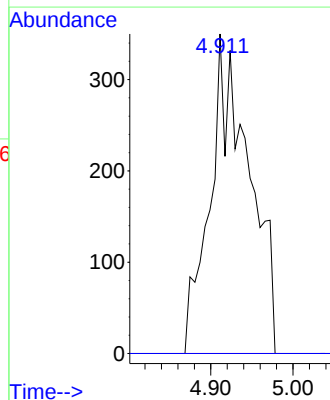
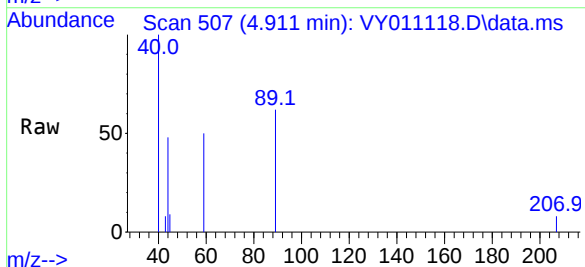
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

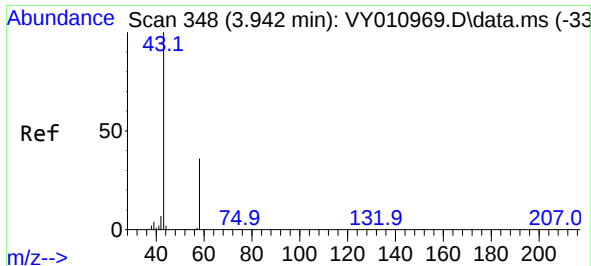
Tgt Ion:168 Resp: 74343
Ion Ratio Lower Upper
168 100
99 51.7 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 59 Resp: 1154
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

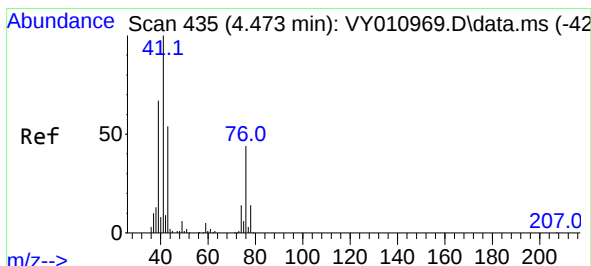
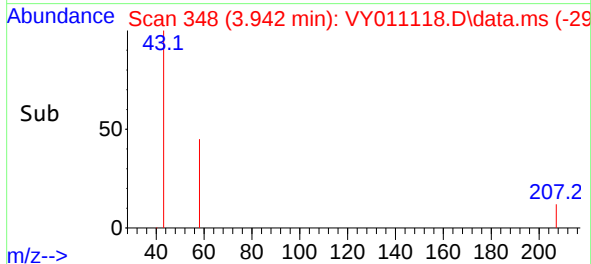
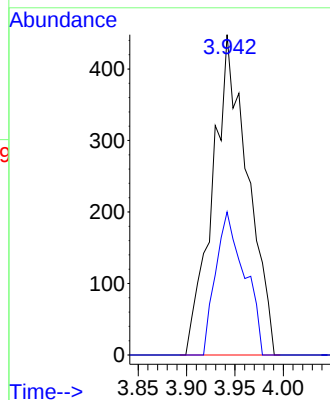
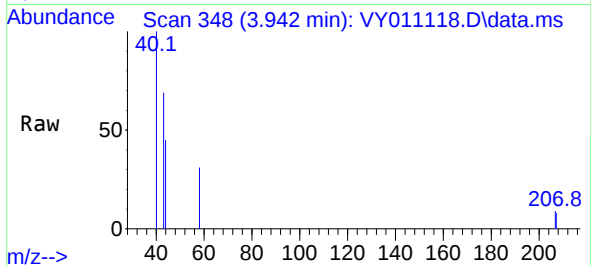




#16
Acetone
Concen: 5.697 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

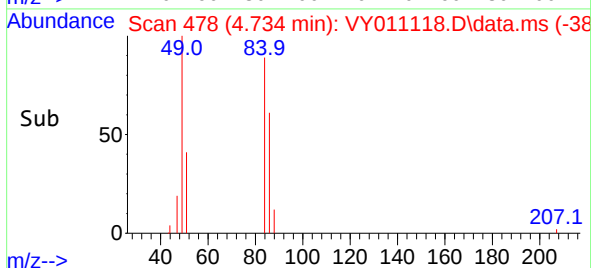
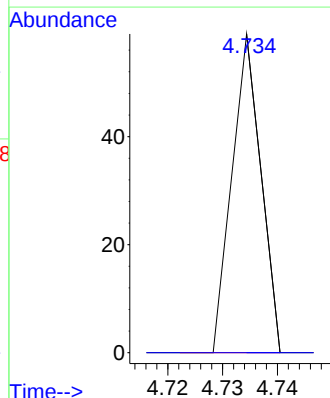
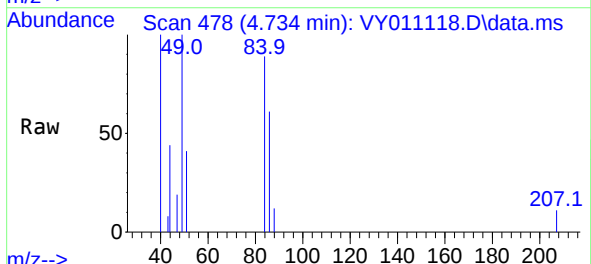
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

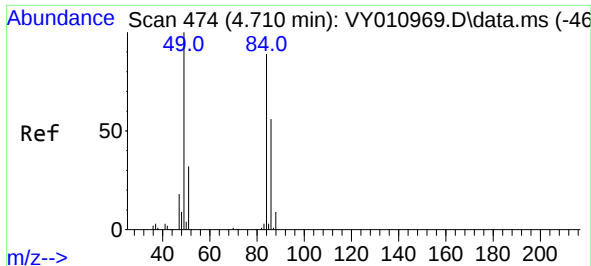
Tgt Ion: 43 Resp: 1133
Ion Ratio Lower Upper
43 100
58 44.6 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.734 min Scan# 478
Delta R.T. 0.261 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



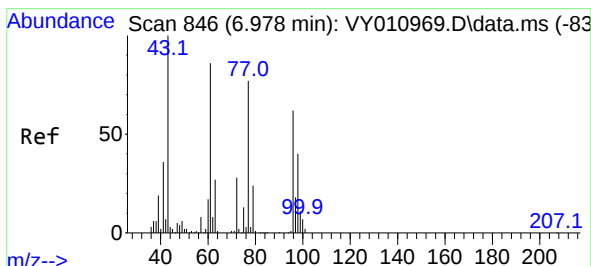
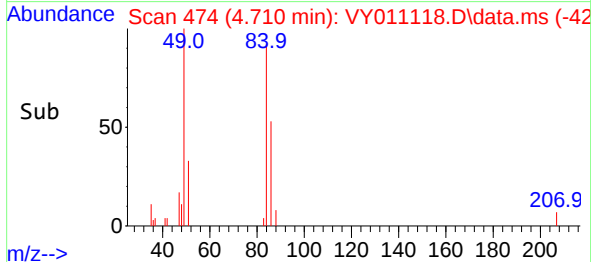
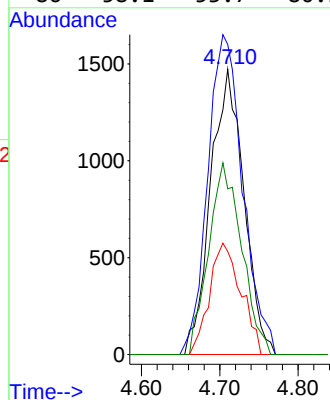
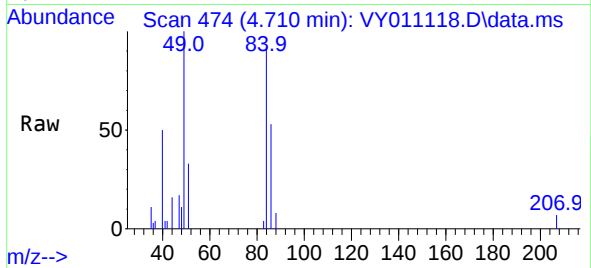


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion: 84 Resp: 4350

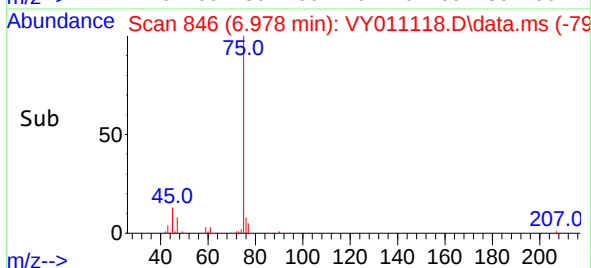
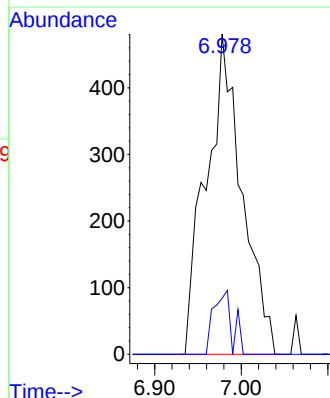
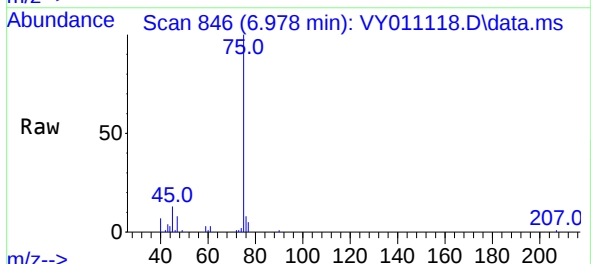
Ion	Ratio	Lower	Upper
84	100		
49	108.7	114.4	171.6#
51	36.1	35.3	52.9
86	58.1	53.7	80.5

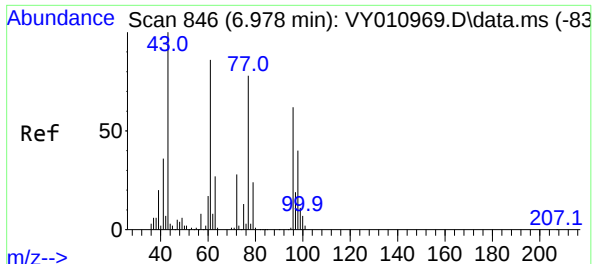


#25
2-Butanone
Concen: 4.596 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 43 Resp: 1386

Ion	Ratio	Lower	Upper
43	100		
72	17.5	17.7	26.5#

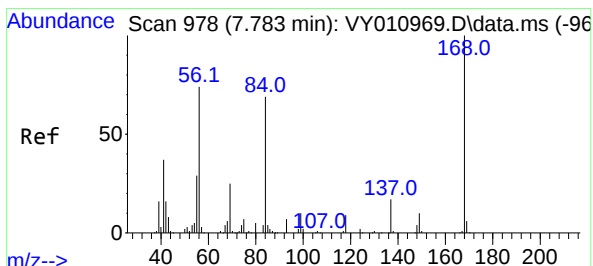
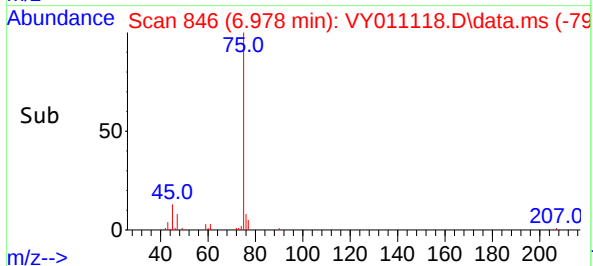
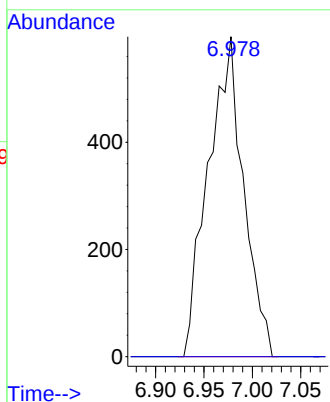
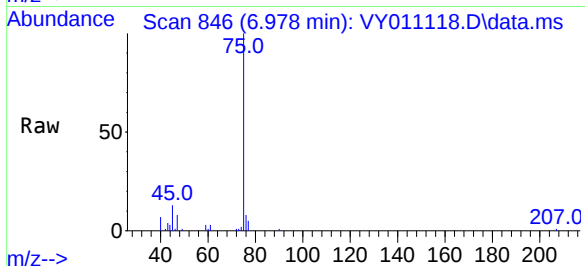




#26
2,2-Dichloropropane
Concen: 1.179 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

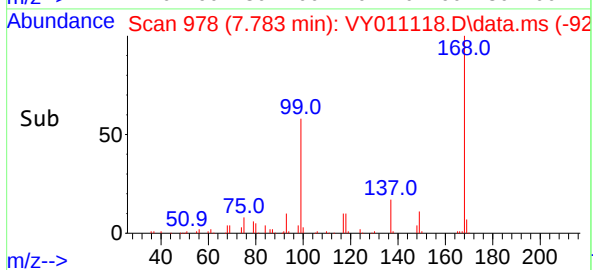
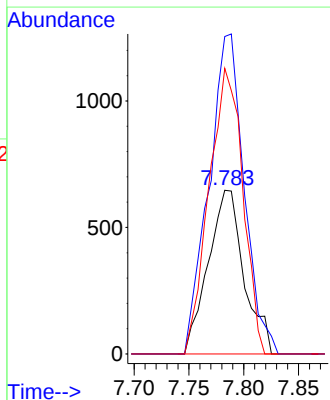
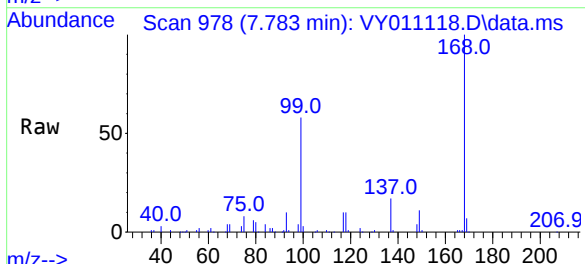
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

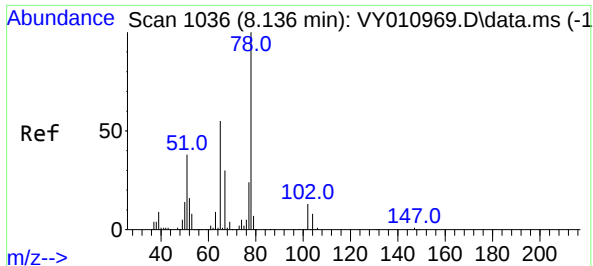
Tgt Ion: 77 Resp: 1514
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 56 Resp: 1472
Ion Ratio Lower Upper
56 100
69 194.0 26.7 40.1#
84 174.5 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.716 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

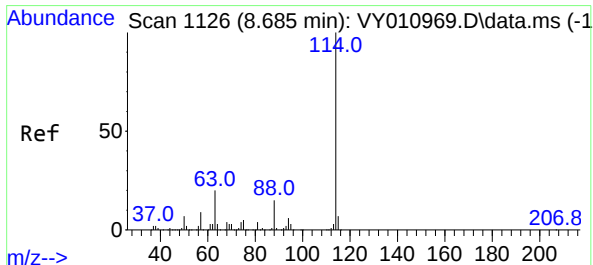
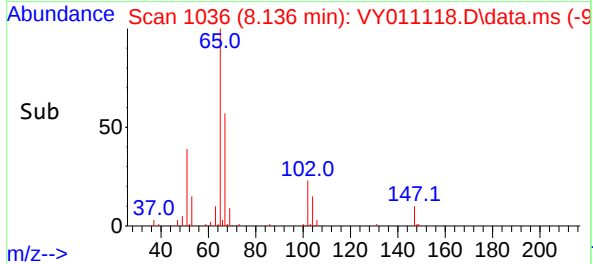
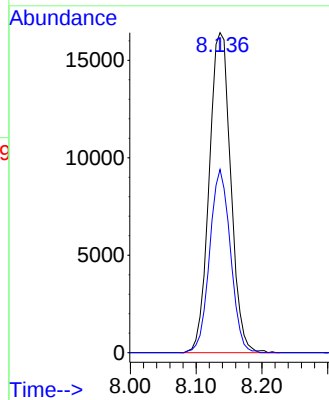
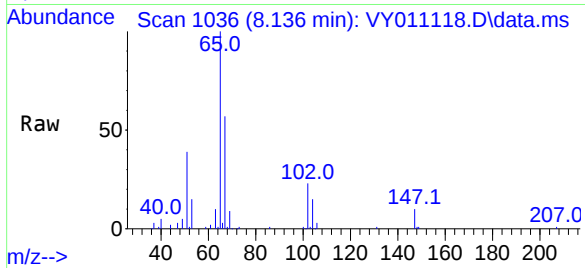
SB-7

Tgt Ion: 65 Resp: 37470

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. -0.000 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

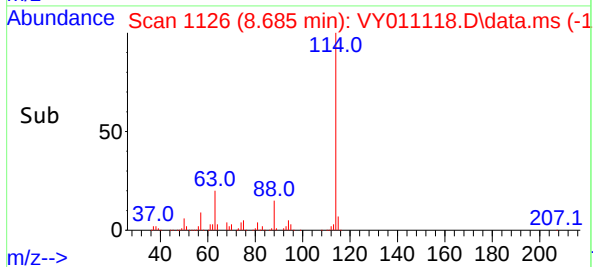
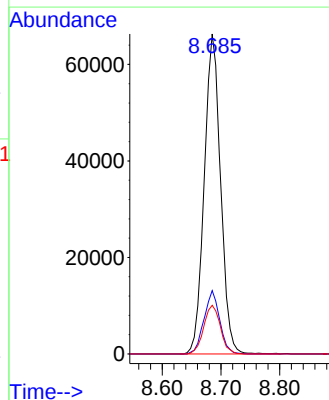
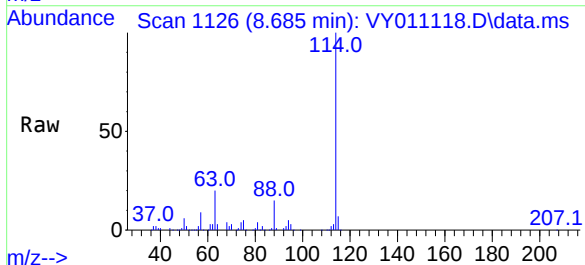
Tgt Ion: 114 Resp: 127932

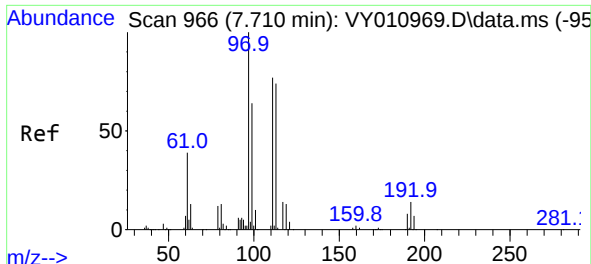
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8

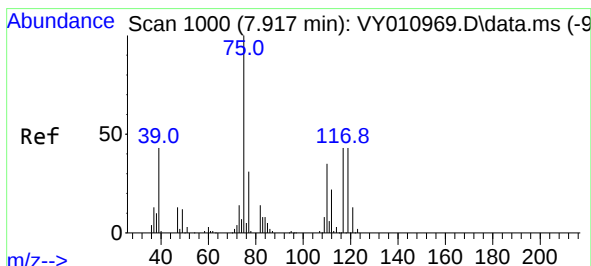
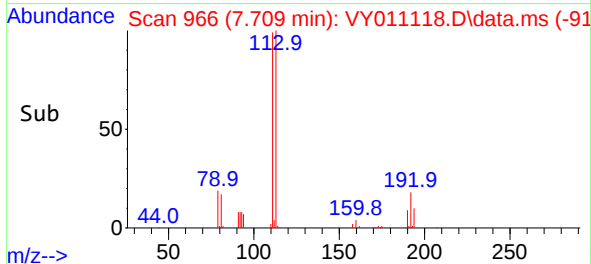
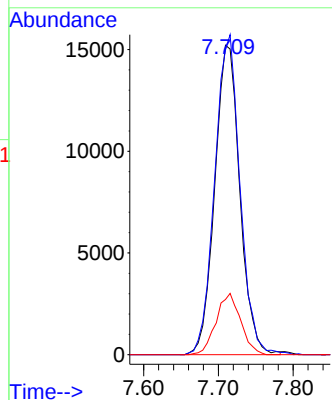
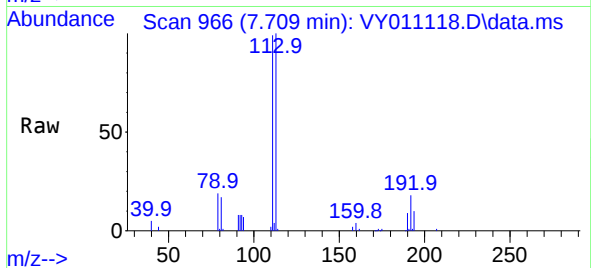




#35
Dibromofluoromethane
Concen: 49.884 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

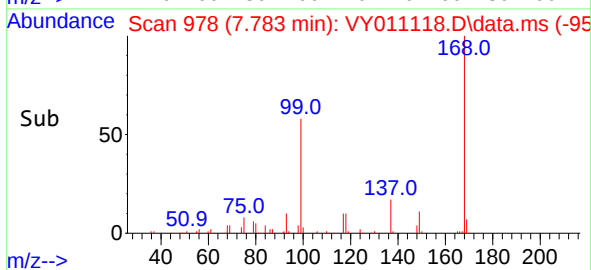
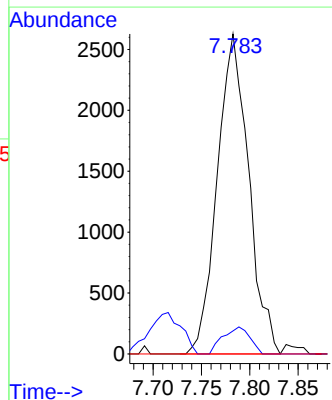
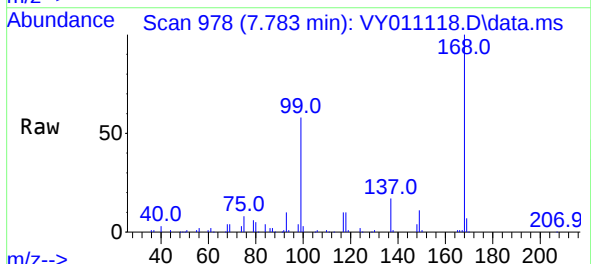
Instrument :
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SB-7

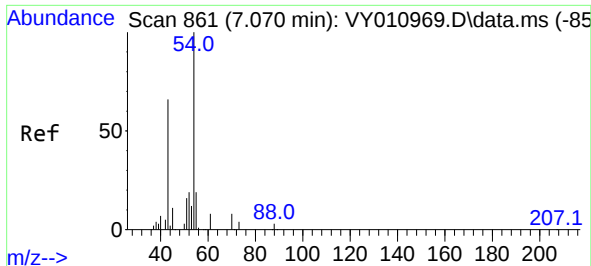
Tgt Ion:113 Resp: 35577
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 75 Resp: 5911
Ion Ratio Lower Upper
75 100
110 7.2 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.102 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.092 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

Instrument :

MSVOA_Y

ClientSampleId :

SB-7

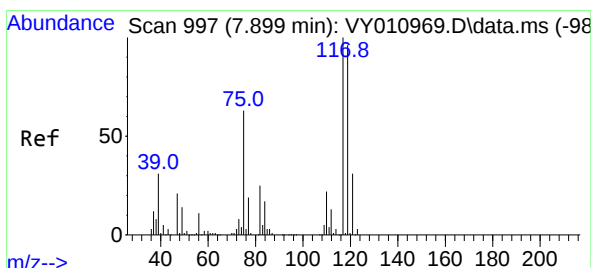
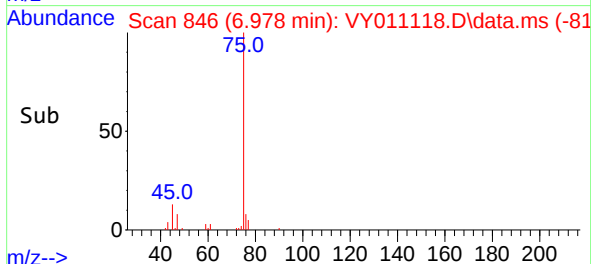
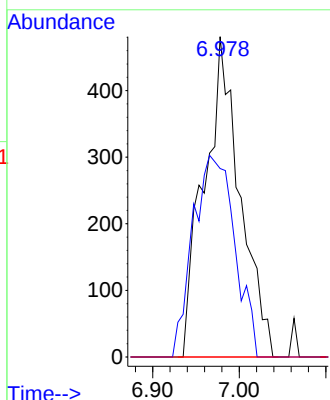
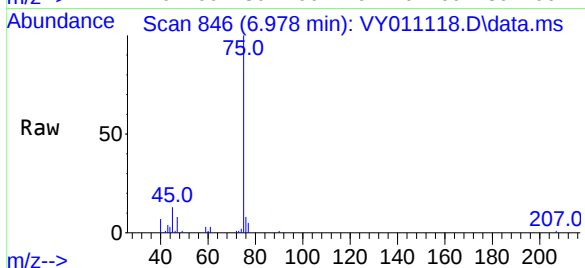
Tgt Ion: 43 Resp: 1386

Ion Ratio Lower Upper

43 100

61 73.1 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 6.125 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY011118.D

Acq: 26 Oct 2022 15:57

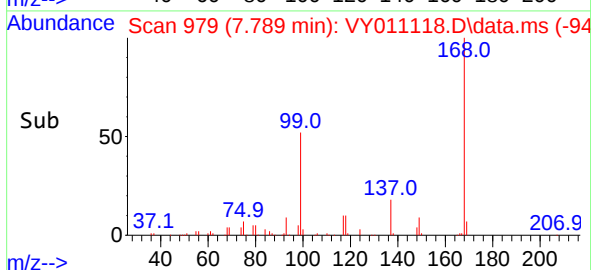
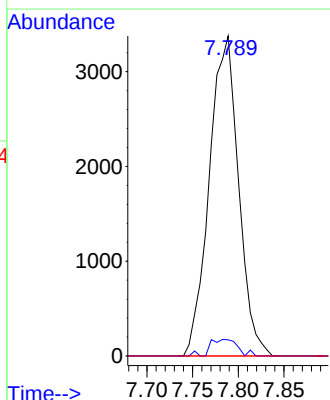
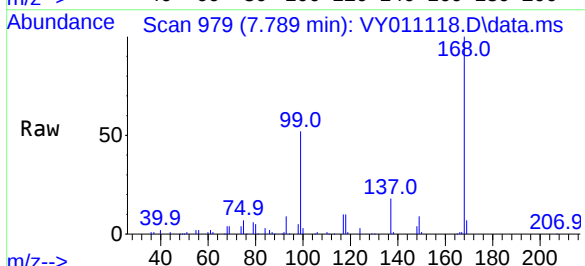
Tgt Ion: 117 Resp: 7530

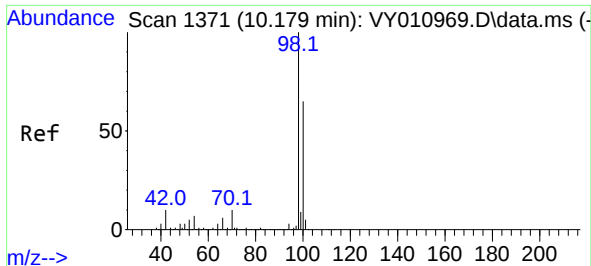
Ion Ratio Lower Upper

117 100

119 5.1 77.9 116.9#

121 0.0 24.8 37.2#

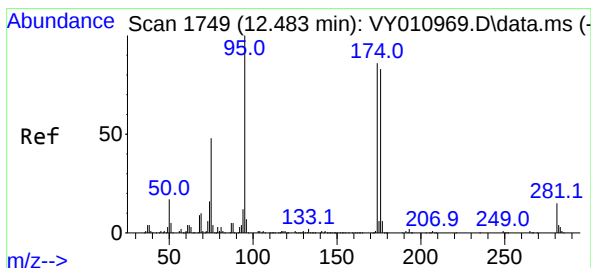
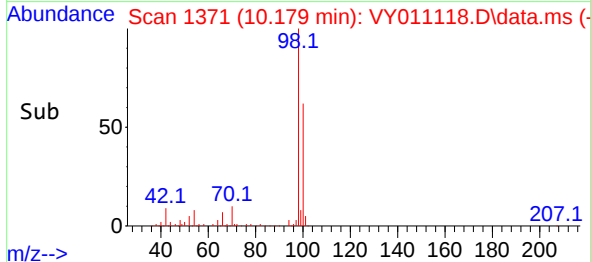
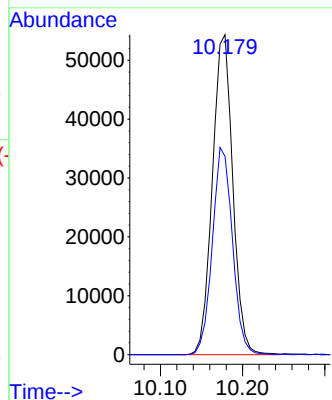
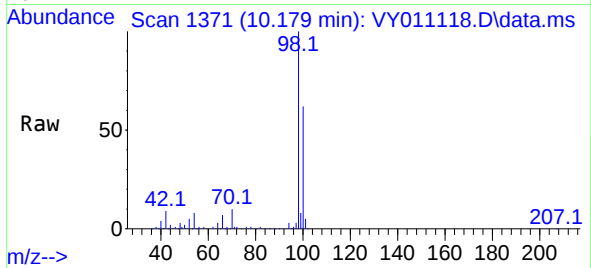




#50
Toluene-d8
Concen: 35.081 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

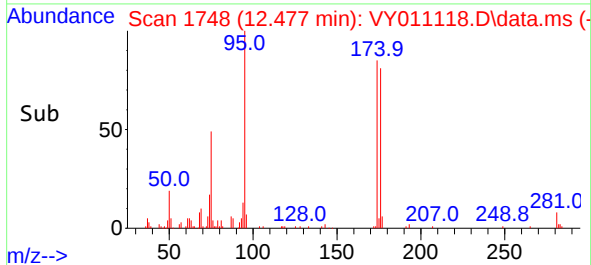
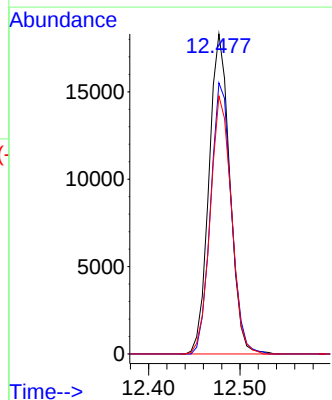
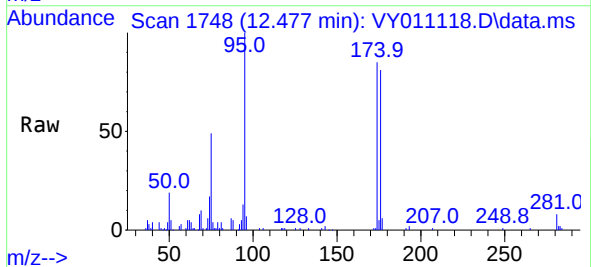
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

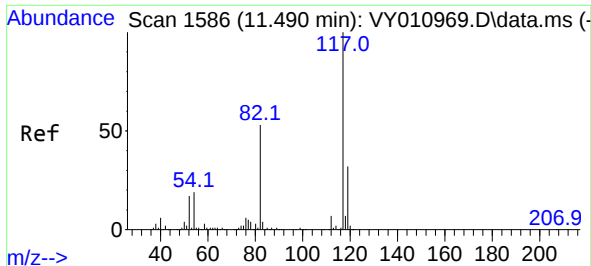
Tgt Ion: 98 Resp: 93710
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.521 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 95 Resp: 29124
Ion Ratio Lower Upper
95 100
174 84.1 0.0 177.0
176 81.4 0.0 175.8

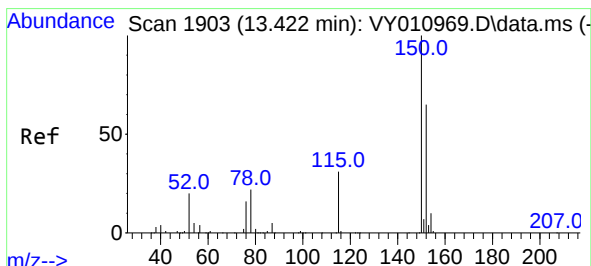
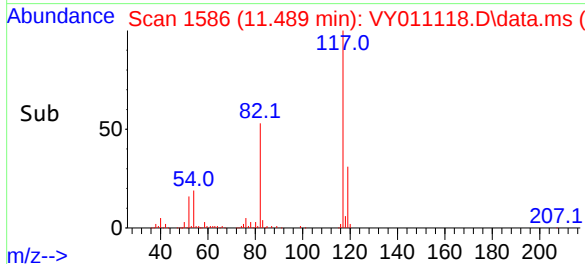
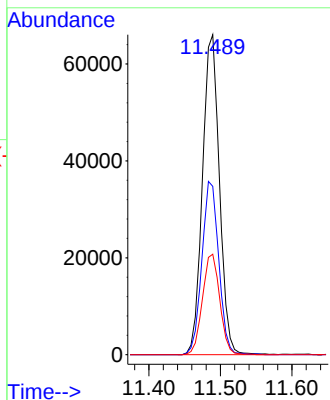
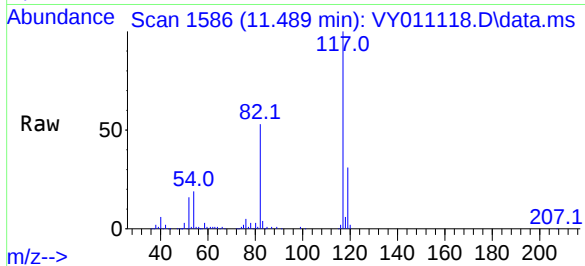




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

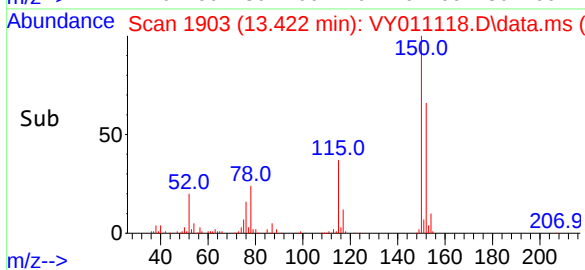
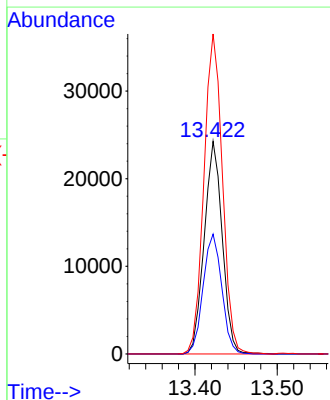
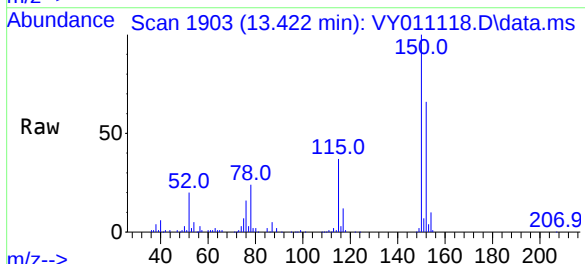
Instrument :
MSVOA_Y
ClientSampleId :
SB-7

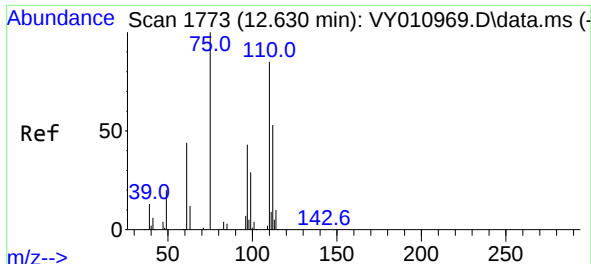
Tgt Ion:117 Resp: 108815
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion:152 Resp: 37026
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 154.4 0.0 347.6

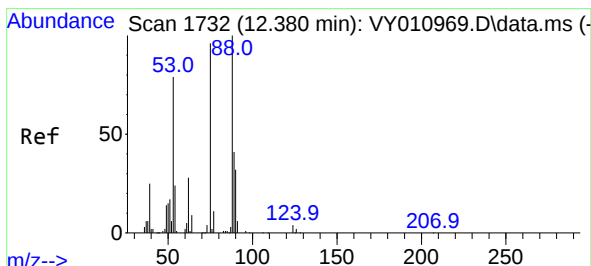
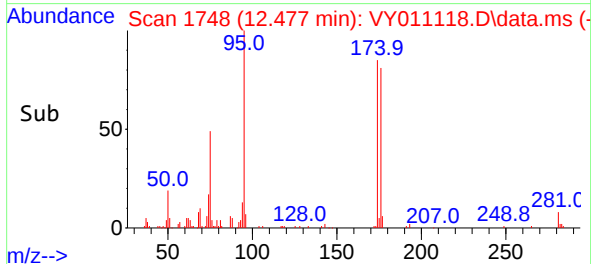
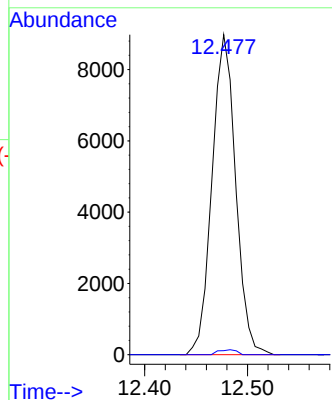
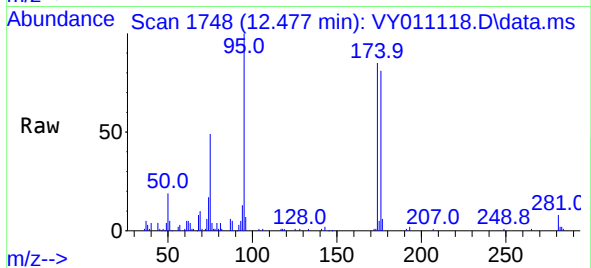




#76
1,2,3-Trichloropropane
Concen: 34.066 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Instrument :
MSVOA_Y
ClientSampleId :
SB-7

Tgt Ion: 75 Resp: 14320
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 73.266 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011118.D
Acq: 26 Oct 2022 15:57

Tgt Ion: 75 Resp: 14320
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

