

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011123.D
 Acq On : 26 Oct 2022 17:51
 Operator : KP/MD
 Sample : N5281-12
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-11

Quant Time: Oct 27 04:40:30 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)

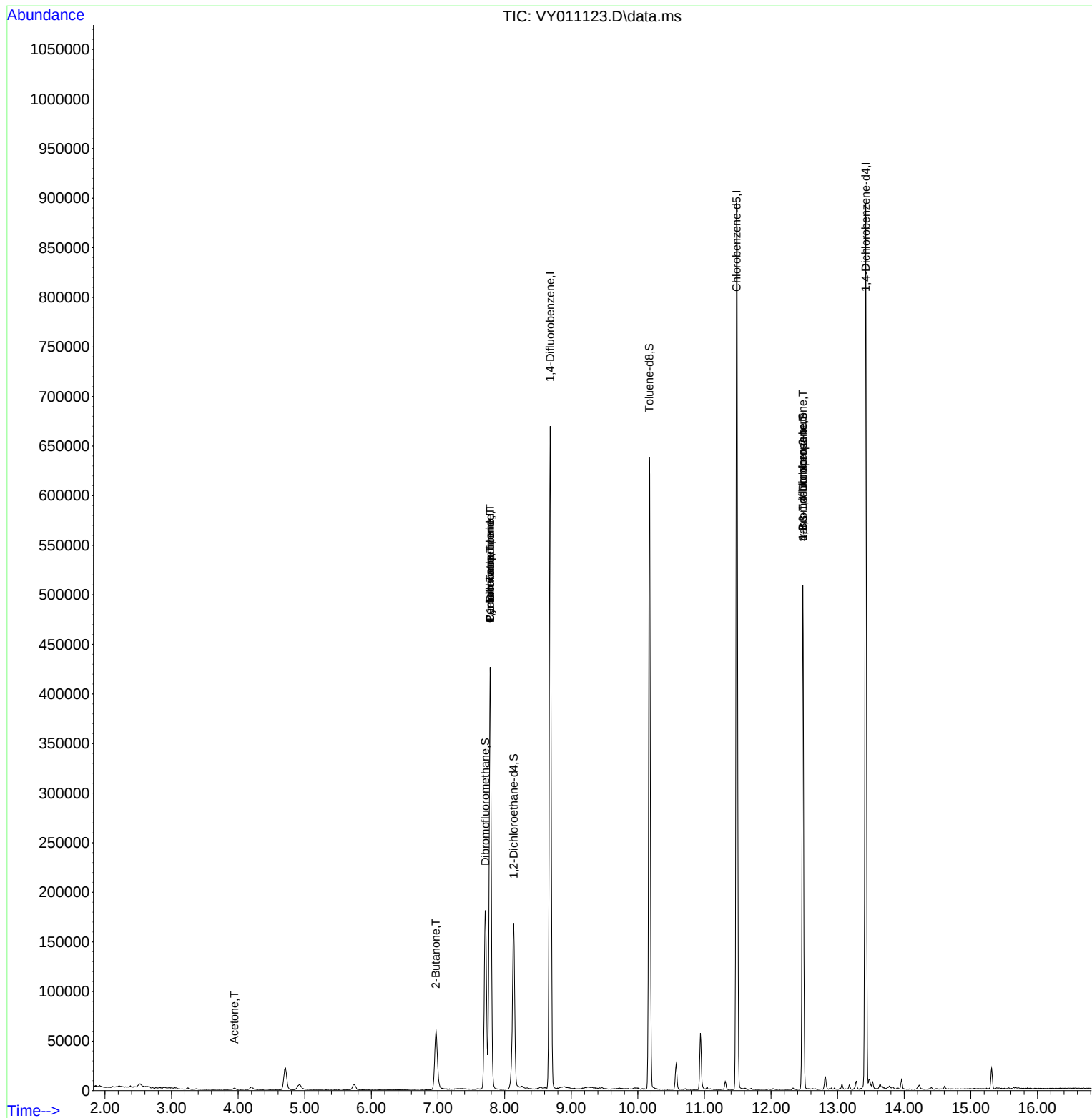
Internal Standards						
1) Pentafluorobenzene	7.783	168	322680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	570637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	506238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	230060	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121402	40.844	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.680%		
35) Dibromofluoromethane	7.710	113	130956	40.772	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.540%		
50) Toluene-d8	10.173	98	424635	35.639	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	71.280%		
62) 4-Bromofluorobenzene	12.477	95	153478	35.471	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	70.940%		
Target Compounds						
11) Tert butyl alcohol	4.911	59	6106	Below Cal	#	77
16) Acetone	3.942	43	2474	2.866	ug/l #	82
18) Methyl Acetate	4.667	43	19	Below Cal	#	56
20) Methylene Chloride	4.710	84	17498	Below Cal	#	82
25) 2-Butanone	6.966	43	4113	3.142	ug/l	96
31) Cyclohexane	7.783	56	6051	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	25134	4.731	ug/l #	50
38) Carbon Tetrachloride	7.783	117	32497	5.926	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	76884	29.436	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	76884	63.308	ug/l #	7

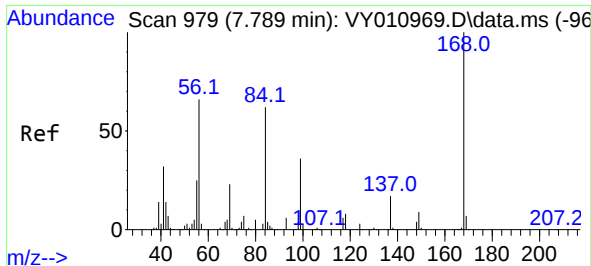
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 18 01:42:42 2022
Response via : Initial Calibration

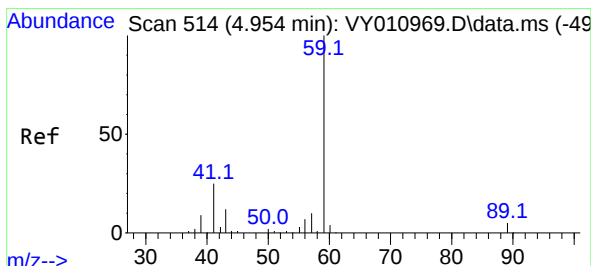
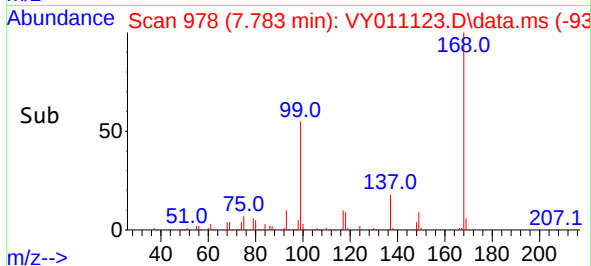
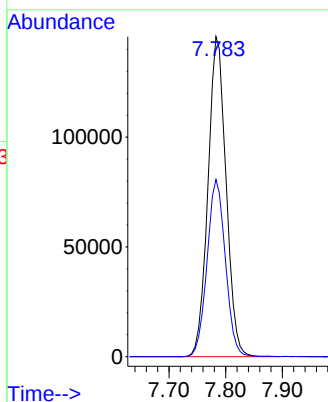
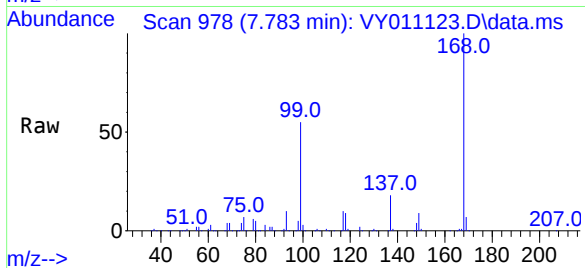




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

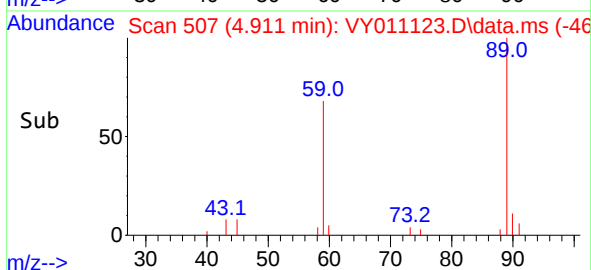
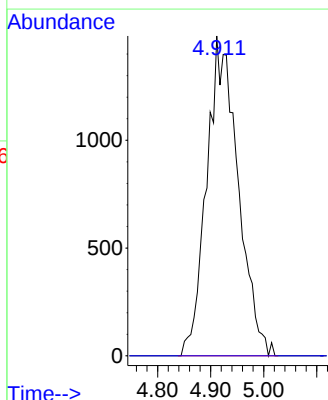
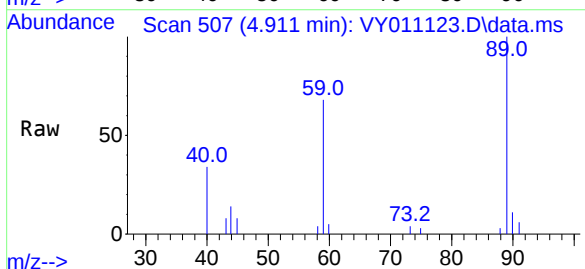
Instrument :
MSVOA_Y
ClientSampleId :
SB-11

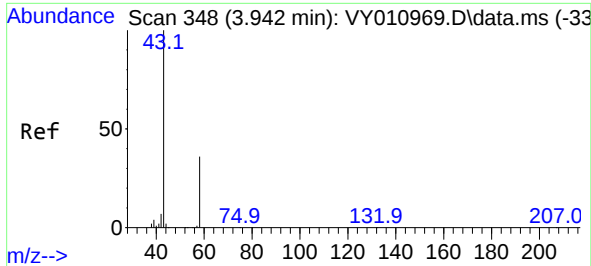
Tgt Ion:168 Resp: 322680
Ion Ratio Lower Upper
168 100
99 55.3 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.911 min Scan# 507
Delta R.T. -0.043 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 59 Resp: 6106
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.866 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY011123.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

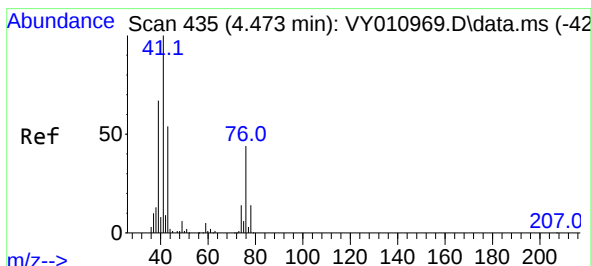
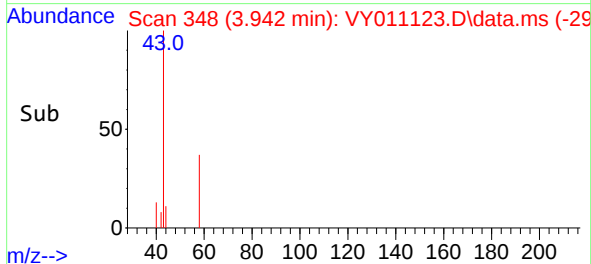
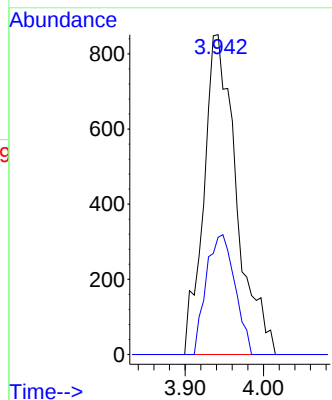
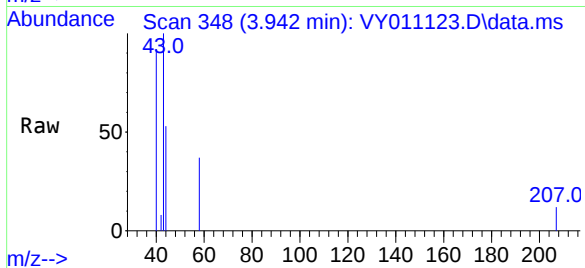
SB-11

Tgt Ion: 43 Resp: 2474

Ion Ratio Lower Upper

43 100

58 36.7 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.667 min Scan# 467

Delta R.T. 0.194 min

Lab File: VY011123.D

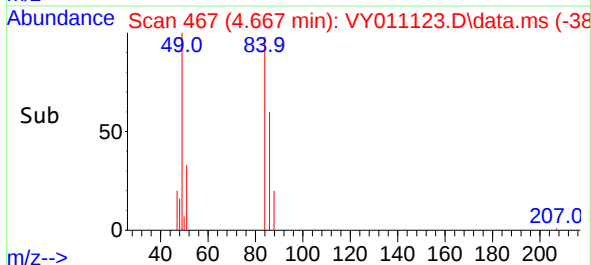
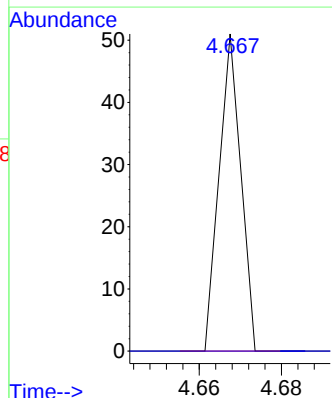
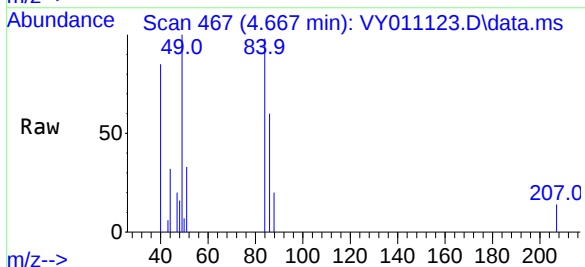
Acq: 26 Oct 2022 17:51

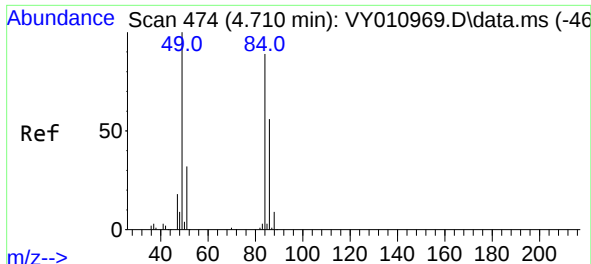
Tgt Ion: 43 Resp: 19

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#

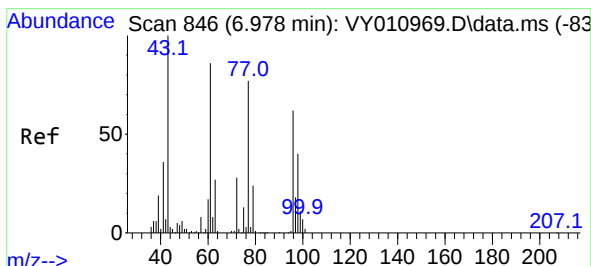
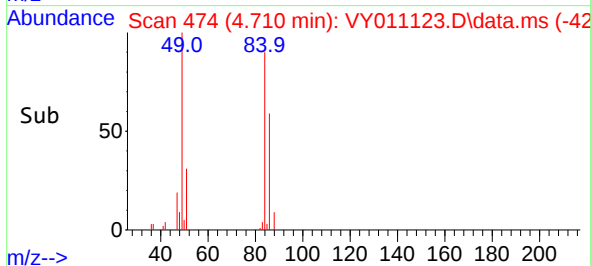
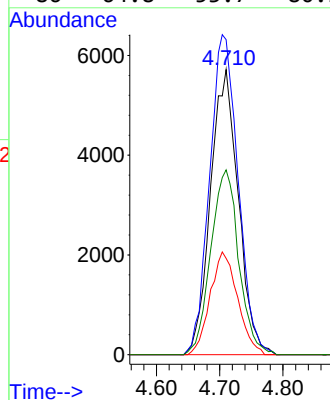
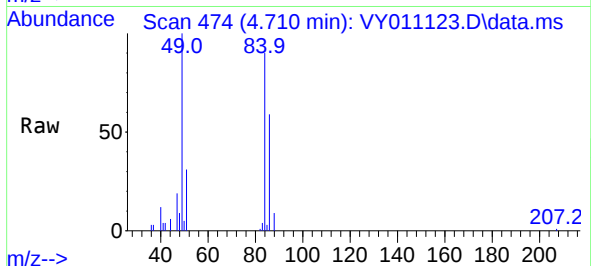




#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

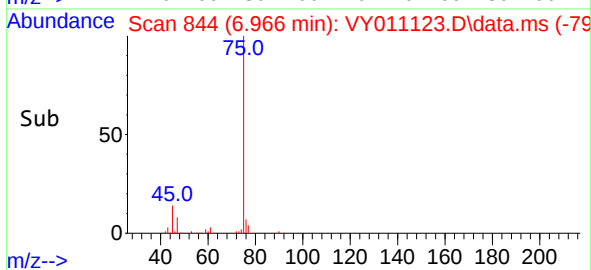
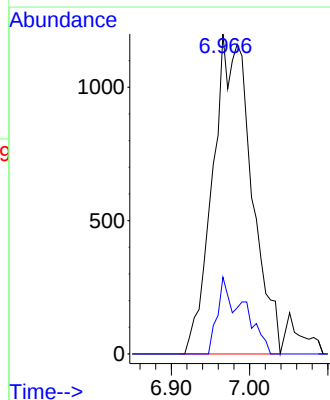
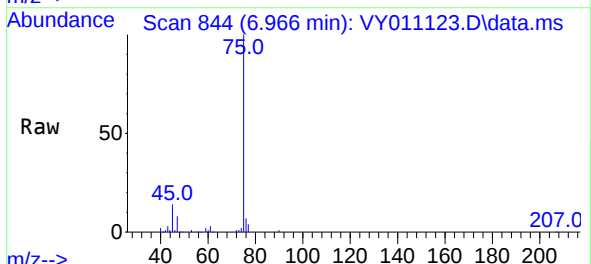
Instrument :
MSVOA_Y
ClientSampleId :
SB-11

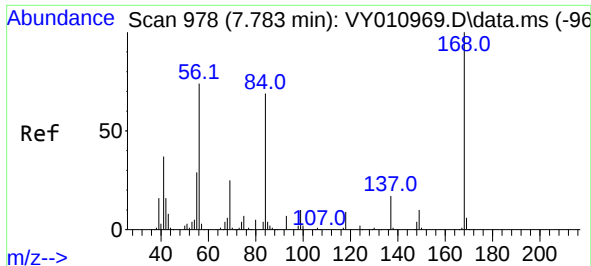
Tgt Ion: 84 Resp: 17498
Ion Ratio Lower Upper
84 100
49 110.5 114.4 171.6#
51 33.8 35.3 52.9#
86 64.8 53.7 80.5



#25
2-Butanone
Concen: 3.142 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.012 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 43 Resp: 4113
Ion Ratio Lower Upper
43 100
72 24.0 17.7 26.5

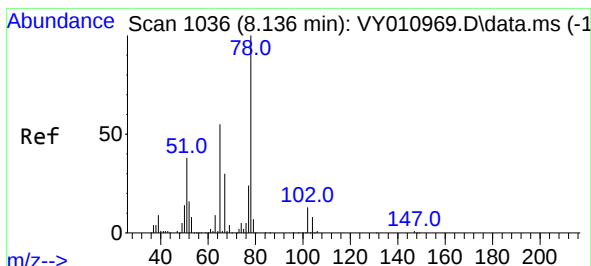
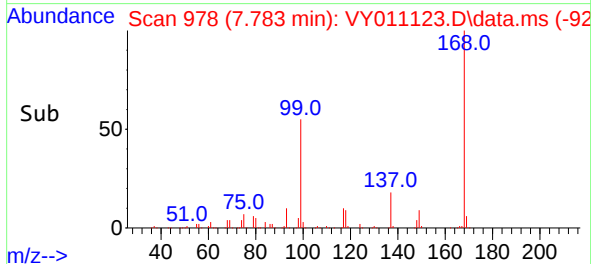
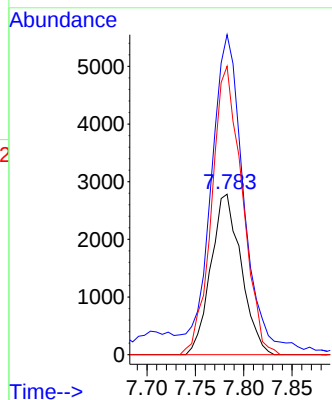
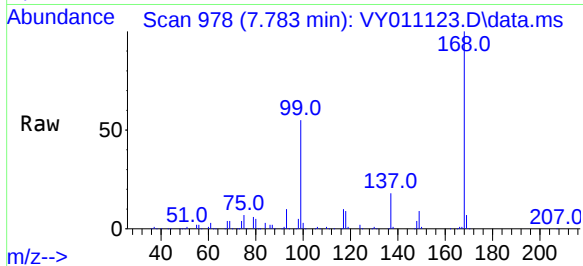




#31
Cyclohexane
Concen: 1.064 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

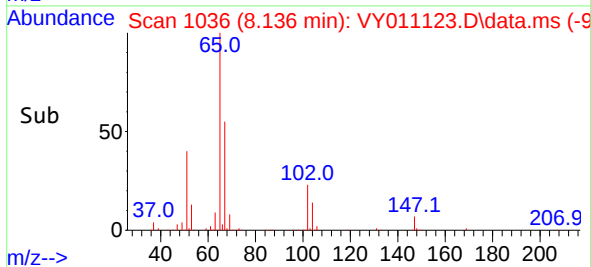
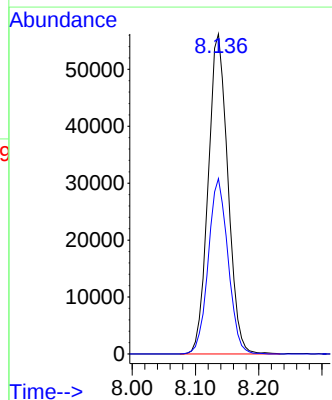
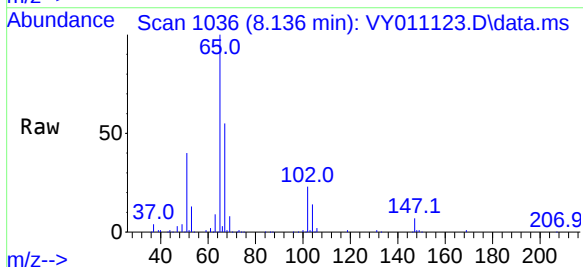
Instrument :
MSVOA_Y
ClientSampleId :
SB-11

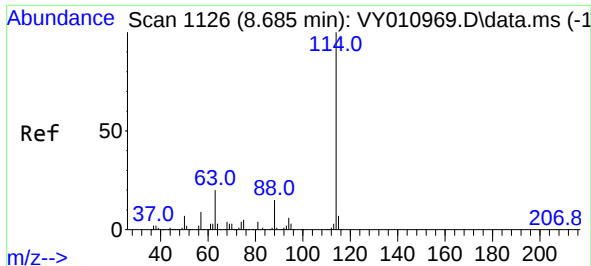
Tgt Ion: 56 Resp: 6051
Ion Ratio Lower Upper
56 100
69 191.6 26.7 40.1#
84 179.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 40.844 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 65 Resp: 121402
Ion Ratio Lower Upper
65 100
67 54.9 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: VY011123.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-11

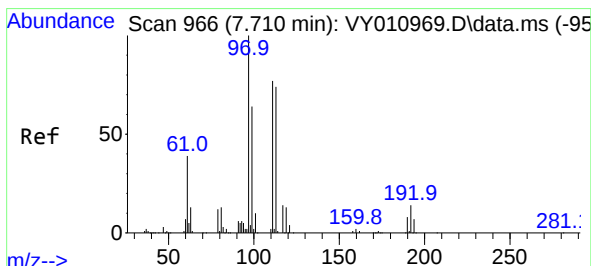
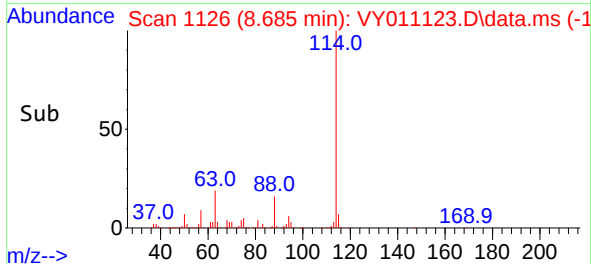
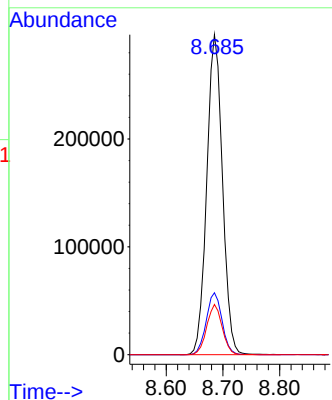
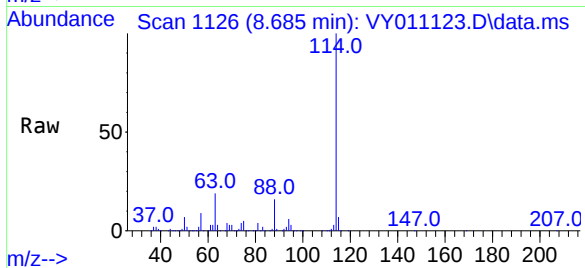
Tgt Ion:114 Resp: 570637

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.772 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011123.D

Acq: 26 Oct 2022 17:51

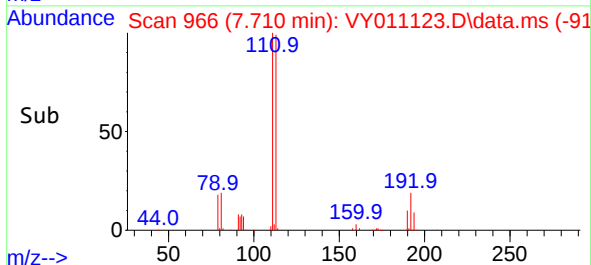
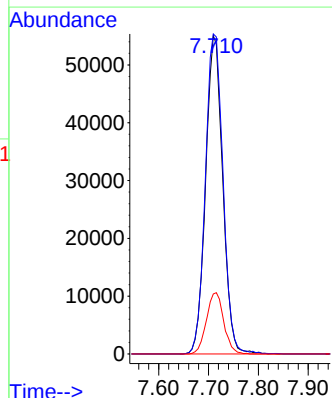
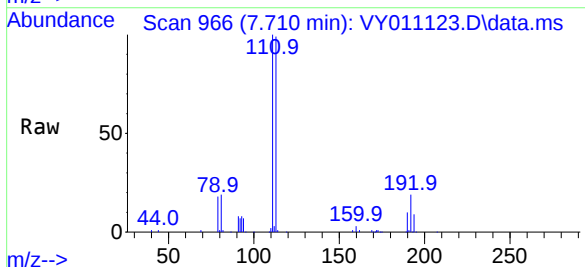
Tgt Ion:113 Resp: 130956

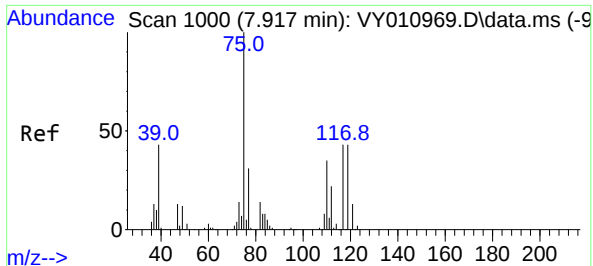
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 19.5 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.731 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY011123.D

Acq: 26 Oct 2022 17:51

Instrument :

MSVOA_Y

ClientSampleId :

SB-11

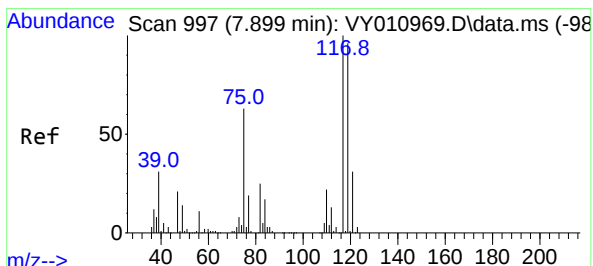
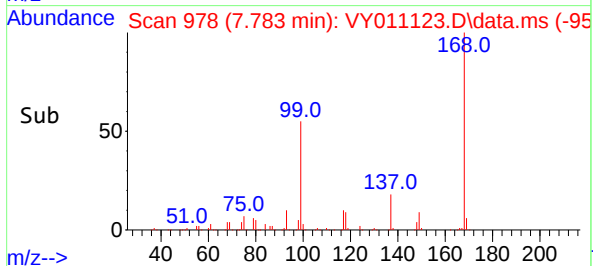
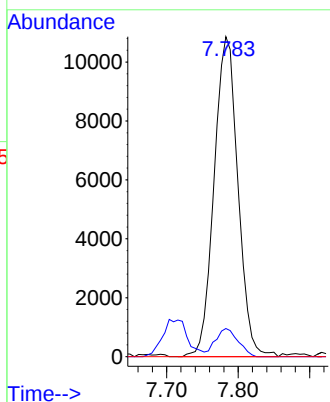
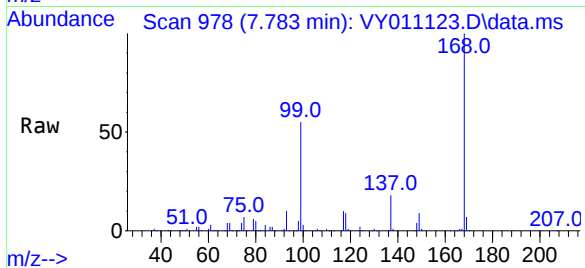
Tgt Ion: 75 Resp: 25134

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.926 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011123.D

Acq: 26 Oct 2022 17:51

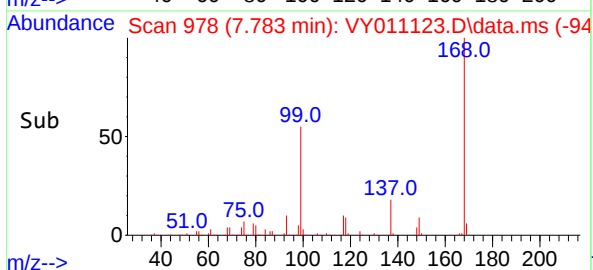
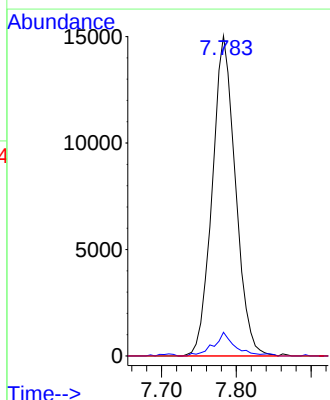
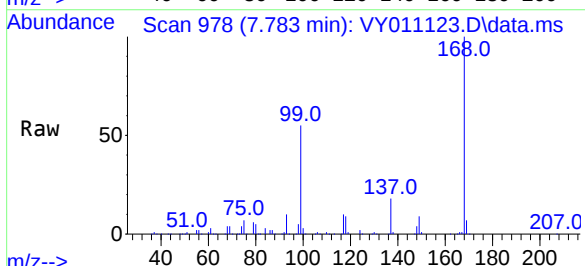
Tgt Ion: 117 Resp: 32497

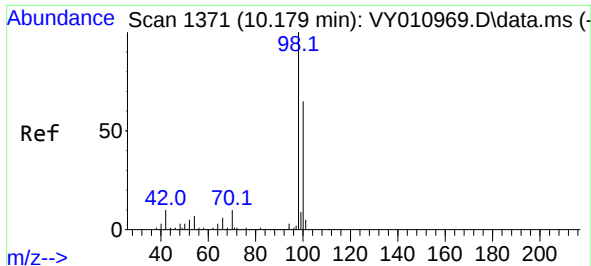
Ion Ratio Lower Upper

117 100

119 7.4 77.9 116.9#

121 0.0 24.8 37.2#

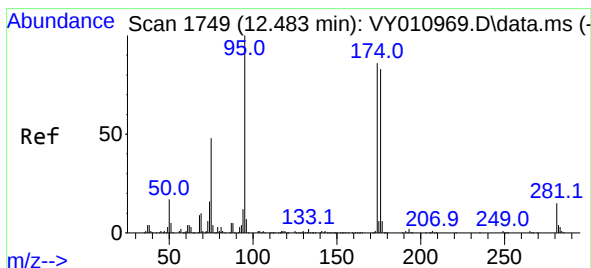
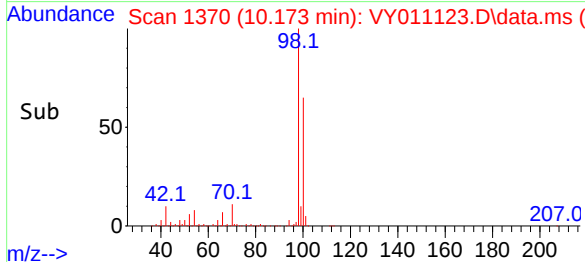
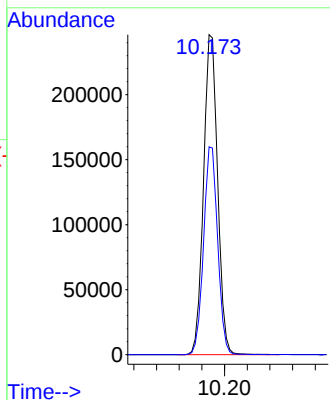
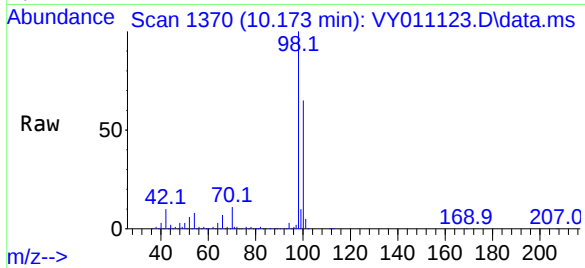




#50
Toluene-d8
Concen: 35.639 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

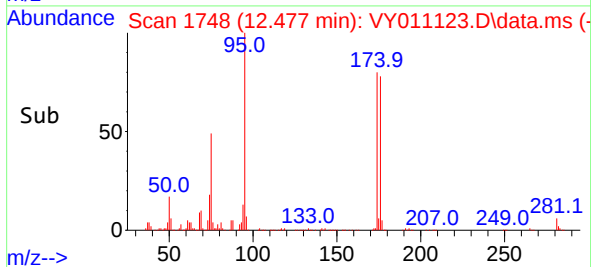
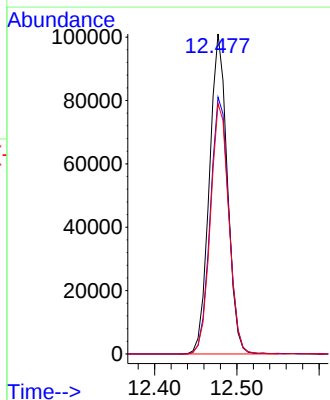
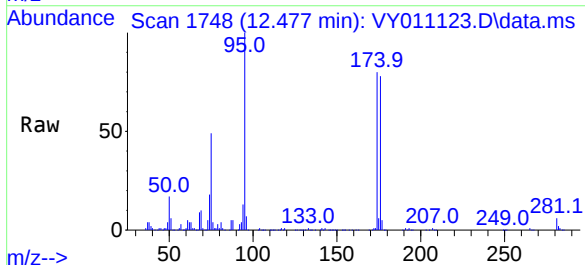
Instrument :
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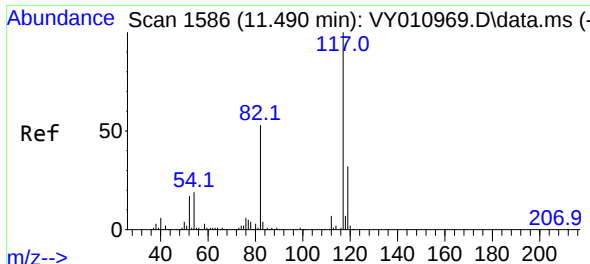
Tgt Ion: 98 Resp: 424635
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 35.471 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 95 Resp: 153478
Ion Ratio Lower Upper
95 100
174 82.5 0.0 177.0
176 79.7 0.0 175.8

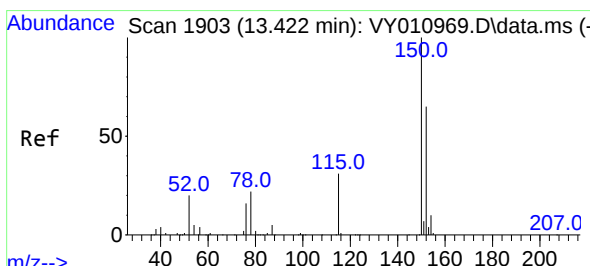
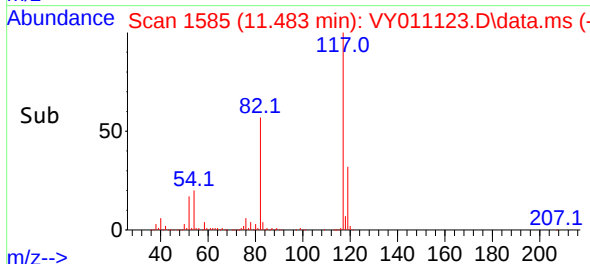
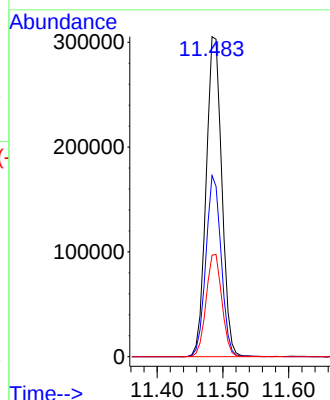
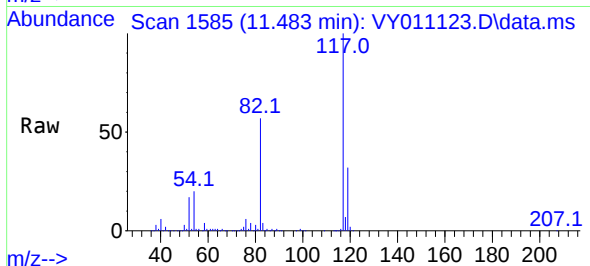




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

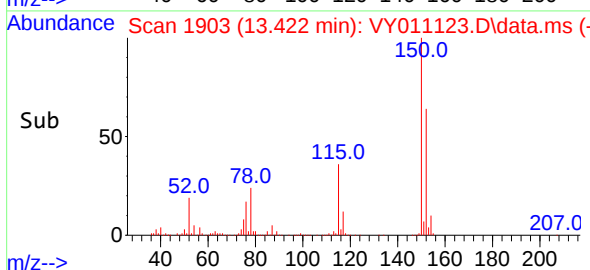
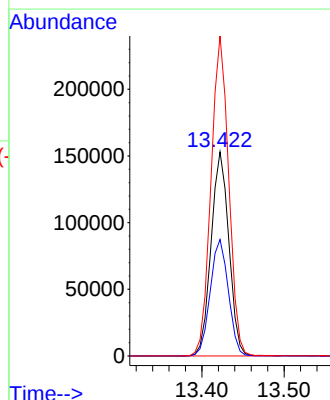
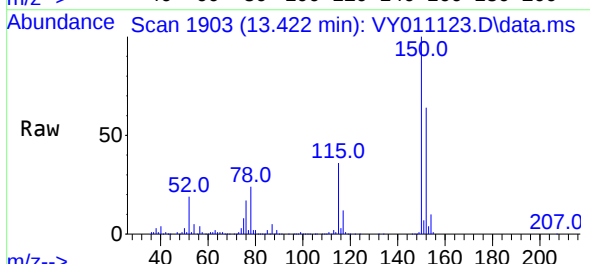
Instrument :
MSVOA_Y
ClientSampleId :
SB-11

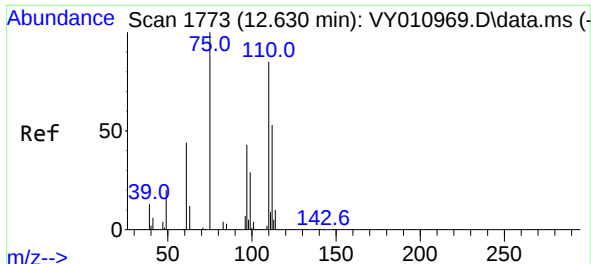
Tgt Ion:117 Resp: 506238
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Tgt Ion:152 Resp: 230060
Ion Ratio Lower Upper
152 100
115 58.2 28.2 84.7
150 156.0 0.0 347.6

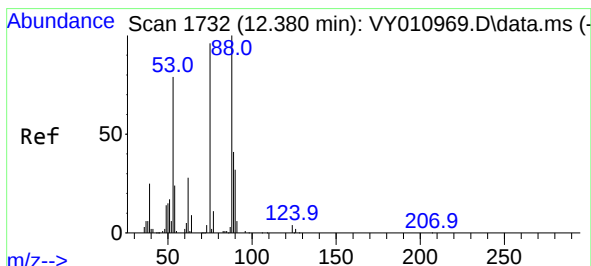
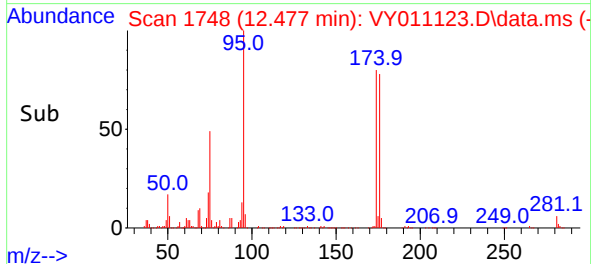
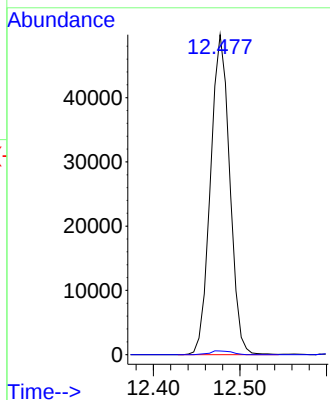
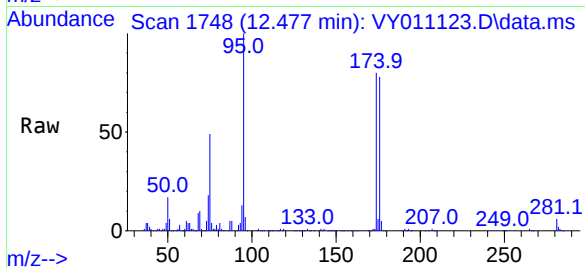




#76
1,2,3-Trichloropropane
Concen: 29.436 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-11

Tgt Ion: 75 Resp: 76884
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.308 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011123.D
Acq: 26 Oct 2022 17:51

Tgt Ion: 75 Resp: 76884
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

