

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102622\
 Data File : VY011119.D
 Acq On : 26 Oct 2022 16:20
 Operator : KP/MD
 Sample : N5281-08
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8

Quant Time: Oct 27 04:39:49 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)

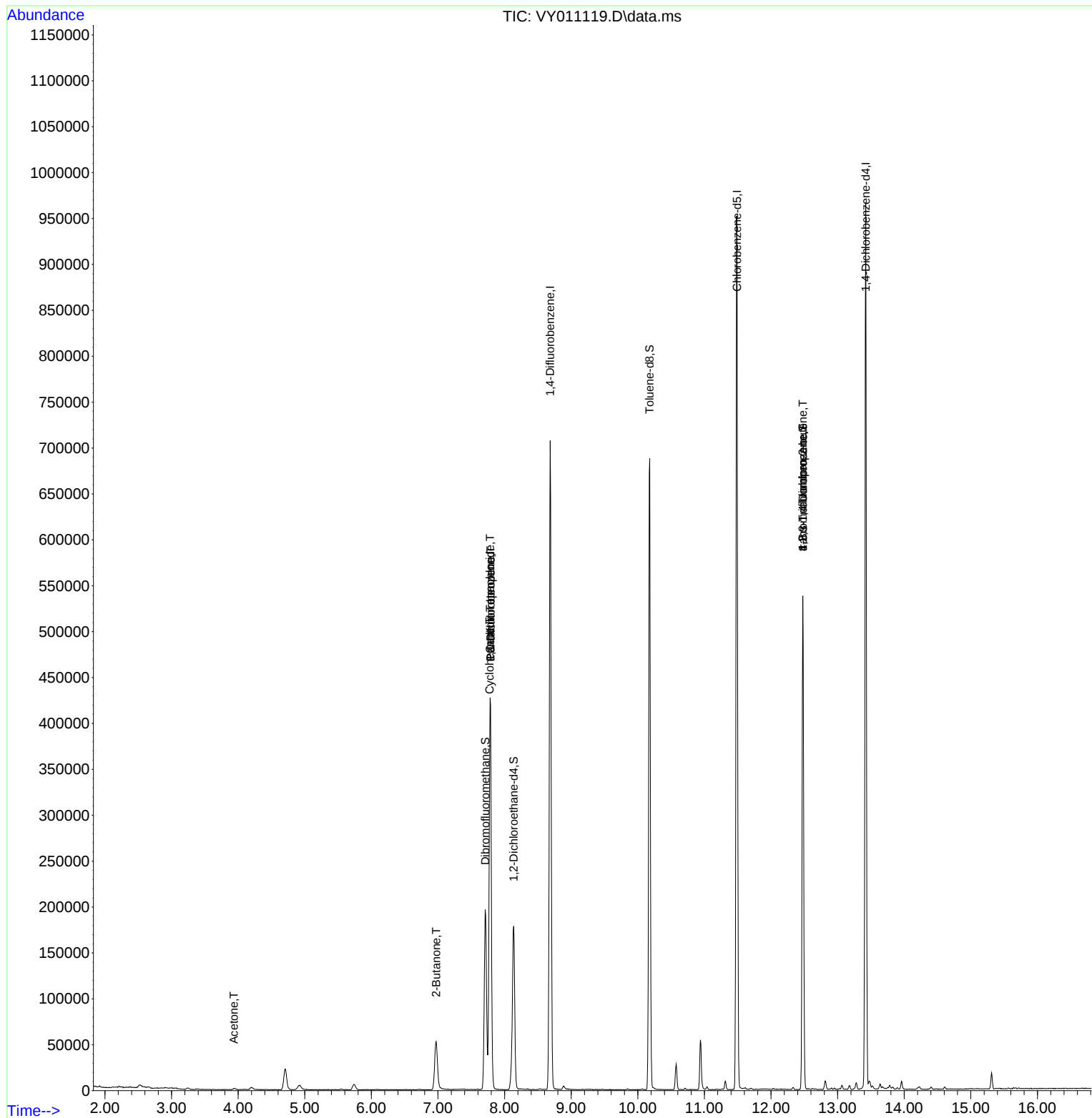
Internal Standards						
1) Pentafluorobenzene	7.789	168	337661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	600828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	536075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	243225	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	130971	42.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.220%
35) Dibromofluoromethane	7.710	113	142150	42.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.200%
50) Toluene-d8	10.179	98	459899	36.659	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	73.320%
62) 4-Bromofluorobenzene	12.477	95	166391	36.620	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	73.240%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	5511	Below Cal	#	80
16) Acetone	3.936	43	2448	2.710	ug/l #	77
18) Methyl Acetate	4.454	43	41	Below Cal	#	56
20) Methylene Chloride	4.710	84	18058	Below Cal	#	78
25) 2-Butanone	6.972	43	3448	2.517	ug/l	96
31) Cyclohexane	7.777	56	6250	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	26515	4.741	ug/l #	51
38) Carbon Tetrachloride	7.783	117	33800	5.854	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	83013	30.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	83013	64.655	ug/l #	7

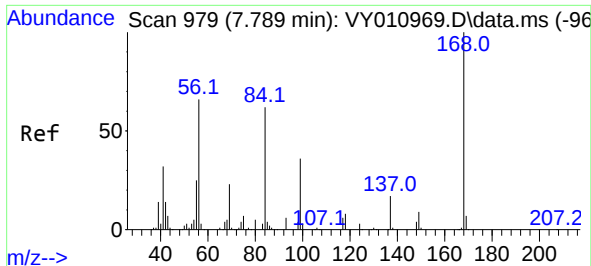
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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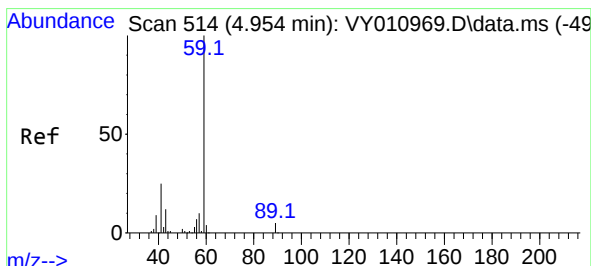
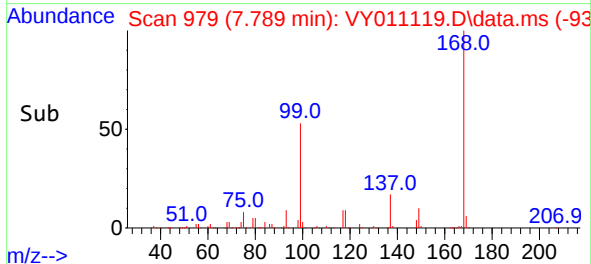
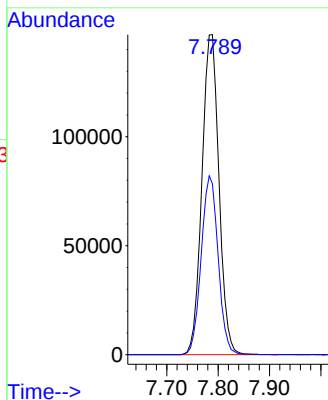
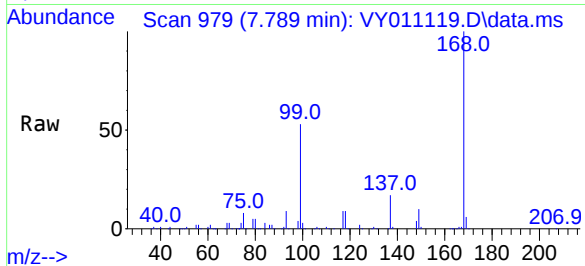




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

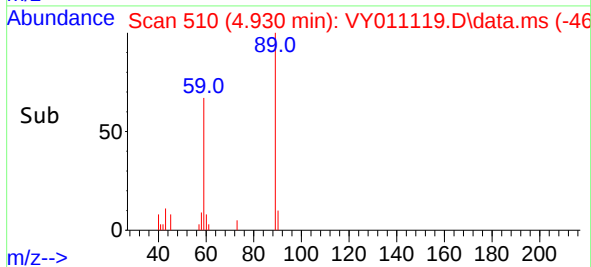
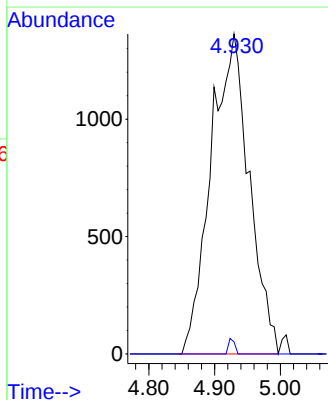
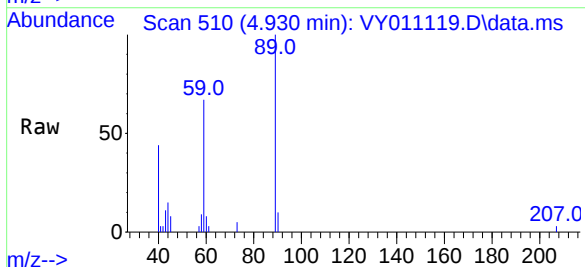
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

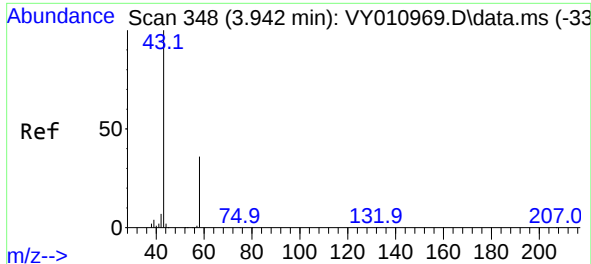
Tgt Ion:168 Resp: 337661
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.930 min Scan# 510
Delta R.T. -0.024 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion: 59 Resp: 5511
Ion Ratio Lower Upper
59 100
57 0.8 6.4 9.6#





#16

Acetone

Concen: 2.710 ug/l

RT: 3.936 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

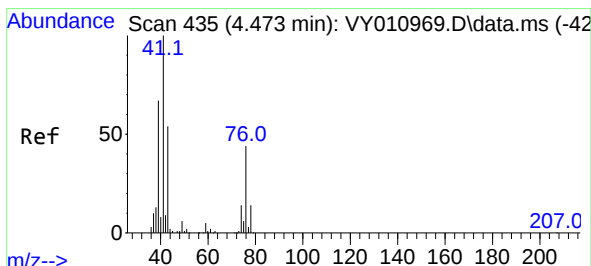
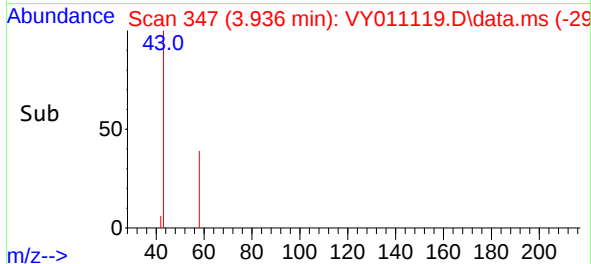
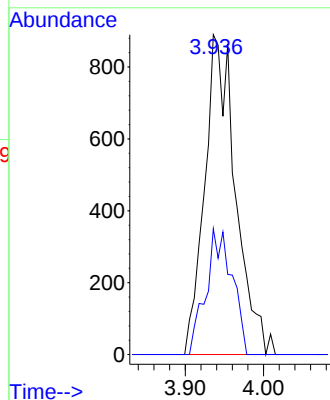
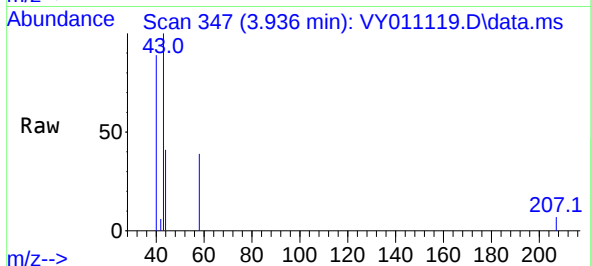
SB-8

Tgt Ion: 43 Resp: 2448

Ion Ratio Lower Upper

43 100

58 39.3 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.454 min Scan# 432

Delta R.T. -0.019 min

Lab File: VY011119.D

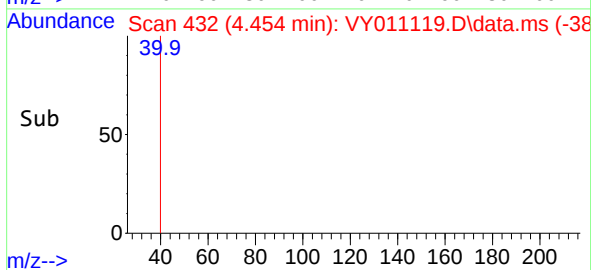
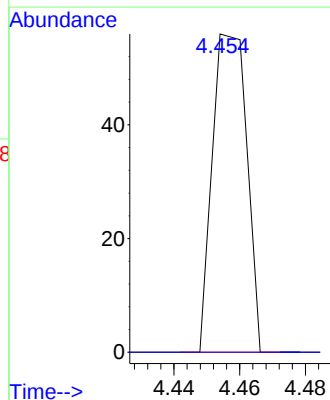
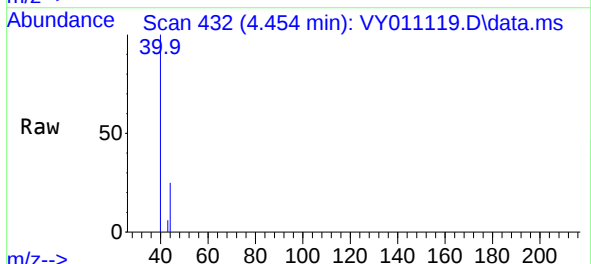
Acq: 26 Oct 2022 16:20

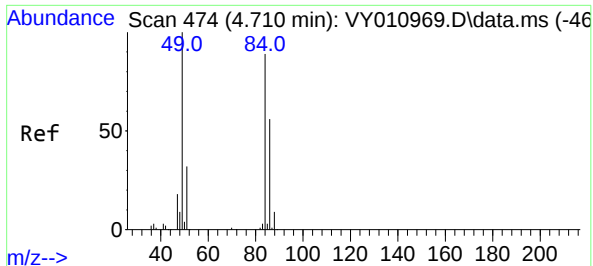
Tgt Ion: 43 Resp: 41

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



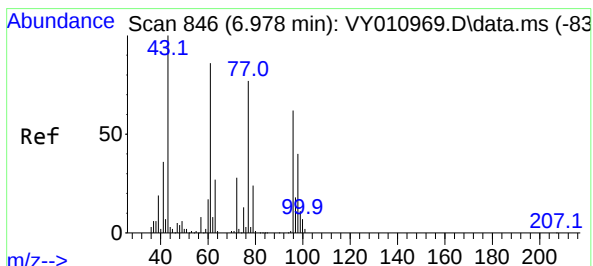
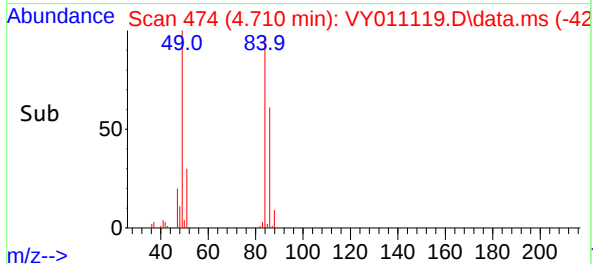
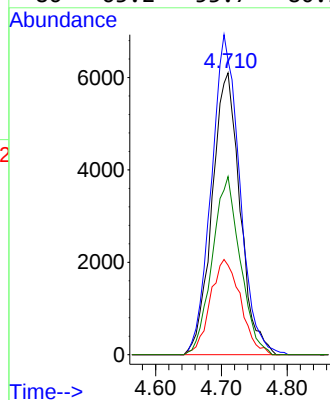
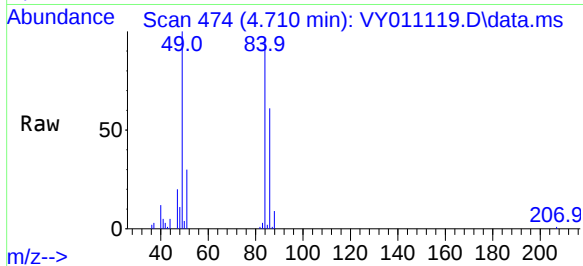


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-8

Tgt Ion: 84 Resp: 18058

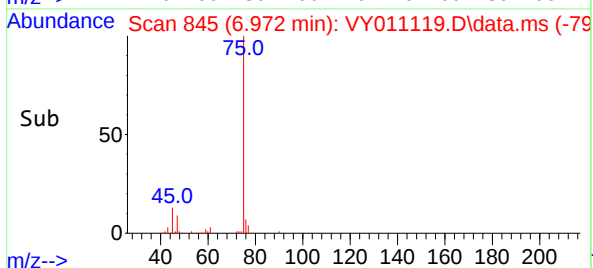
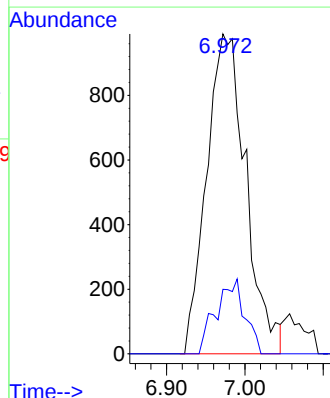
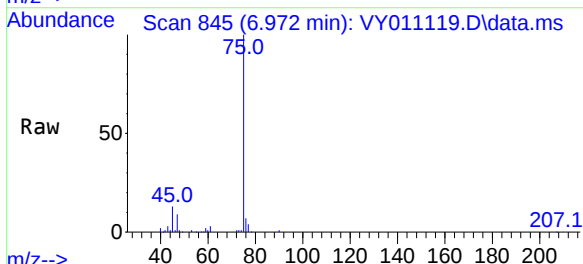
Ion	Ratio	Lower	Upper
84	100		
49	104.4	114.4	171.6#
51	31.7	35.3	52.9#
86	63.2	53.7	80.5

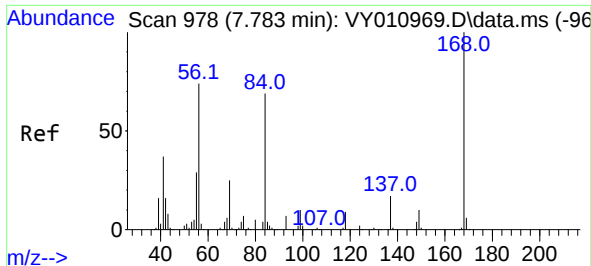


#25
2-Butanone
Concen: 2.517 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion: 43 Resp: 3448

Ion	Ratio	Lower	Upper
43	100		
72	20.2	17.7	26.5

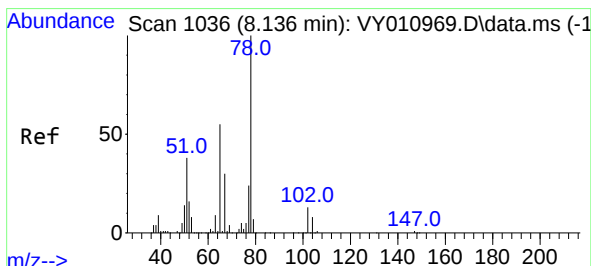
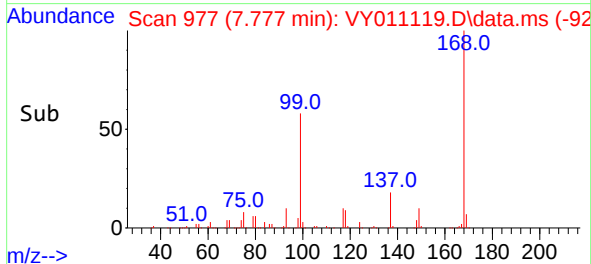
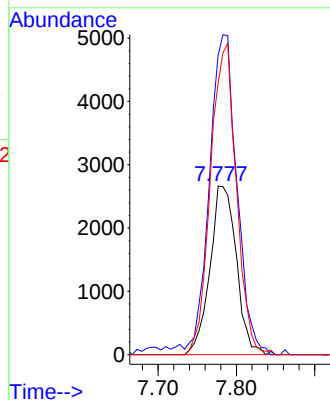
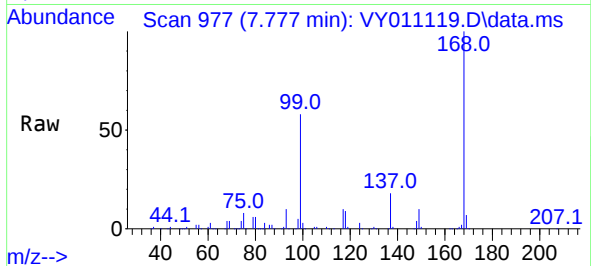




#31
Cyclohexane
Concen: 1.050 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

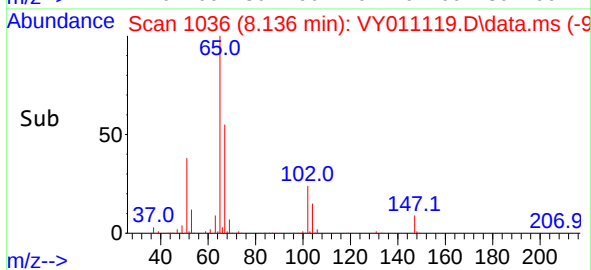
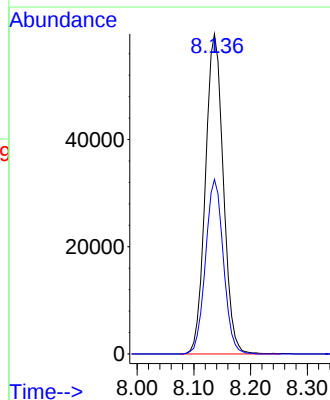
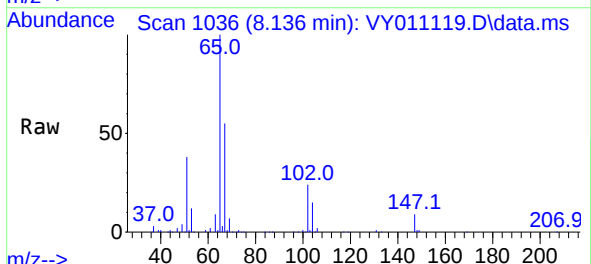
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

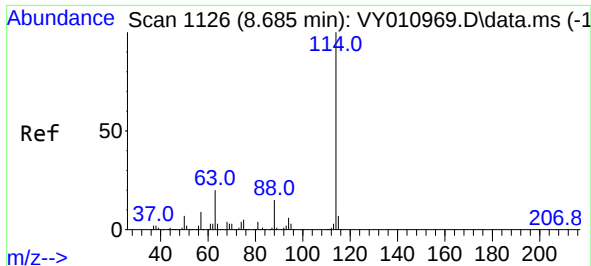
Tgt Ion: 56 Resp: 6250
Ion Ratio Lower Upper
56 100
69 177.7 26.7 40.1#
84 161.0 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 42.108 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion: 65 Resp: 130971
Ion Ratio Lower Upper
65 100
67 54.4 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: VY011119.D

Acq: 26 Oct 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

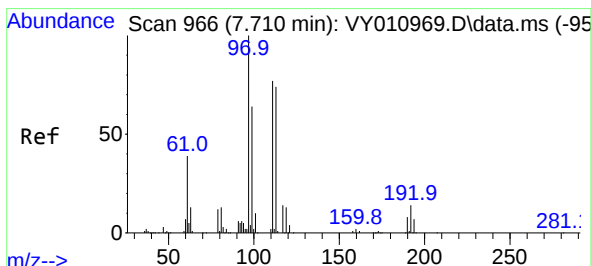
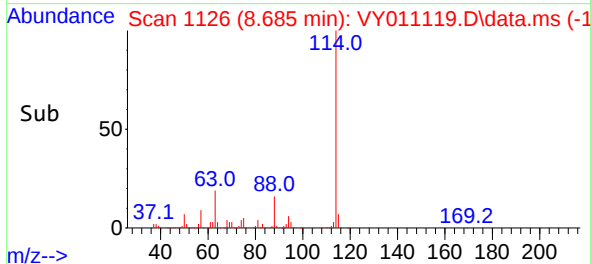
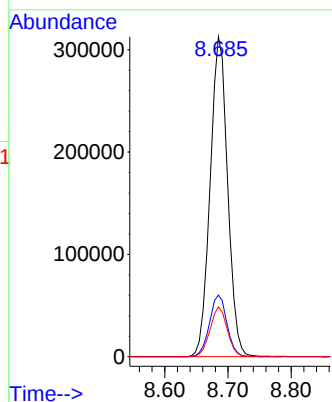
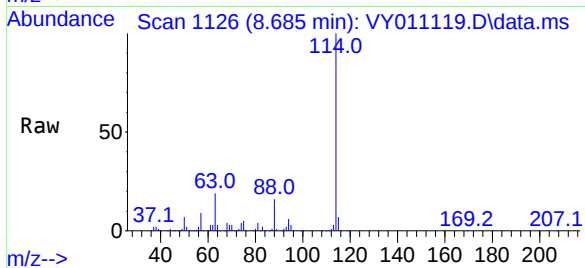
Tgt Ion:114 Resp: 600828

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 42.103 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

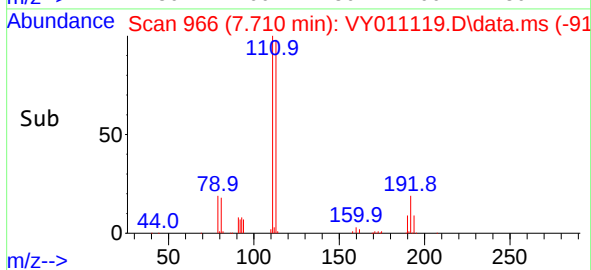
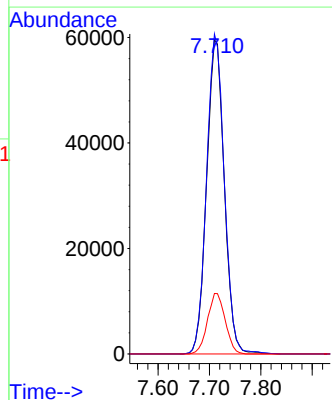
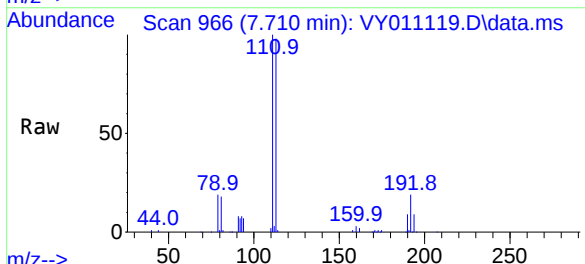
Tgt Ion:113 Resp: 142150

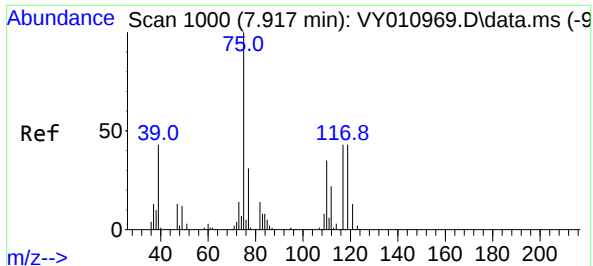
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.741 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

Instrument :

MSVOA_Y

ClientSampleId :

SB-8

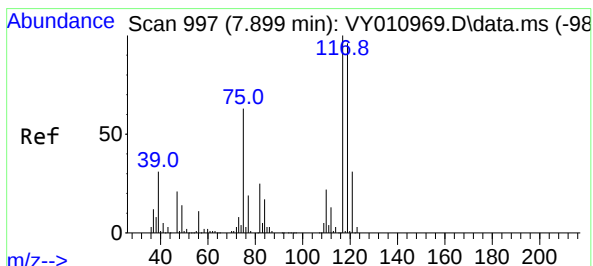
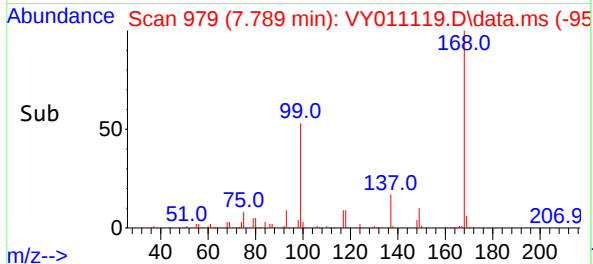
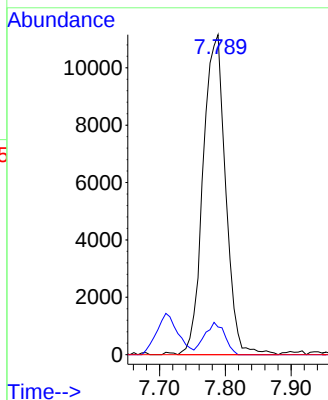
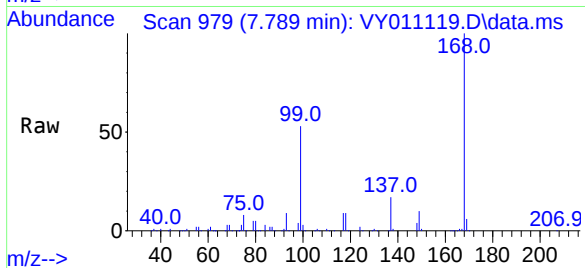
Tgt Ion: 75 Resp: 26515

Ion Ratio Lower Upper

75 100

110 9.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.854 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY011119.D

Acq: 26 Oct 2022 16:20

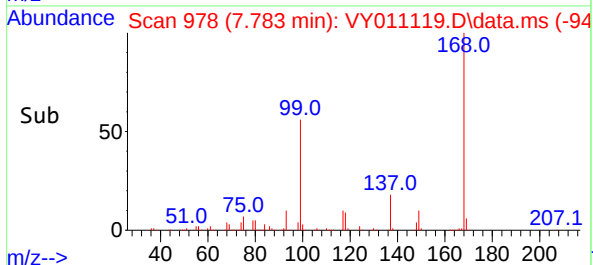
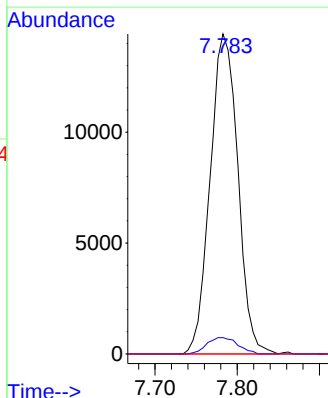
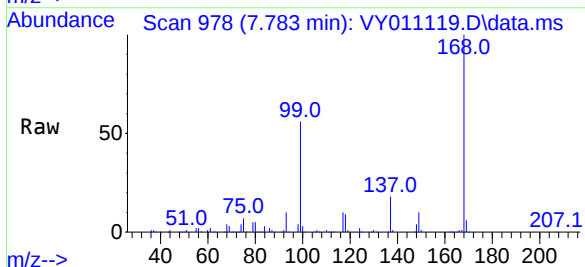
Tgt Ion: 117 Resp: 33800

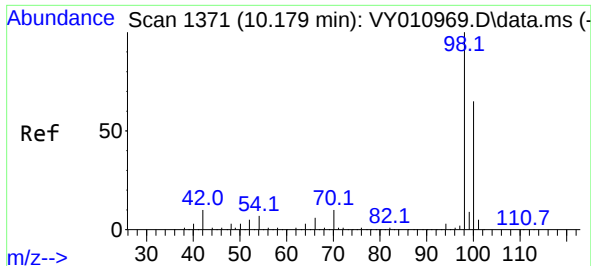
Ion Ratio Lower Upper

117 100

119 5.1 77.9 116.9#

121 0.0 24.8 37.2#

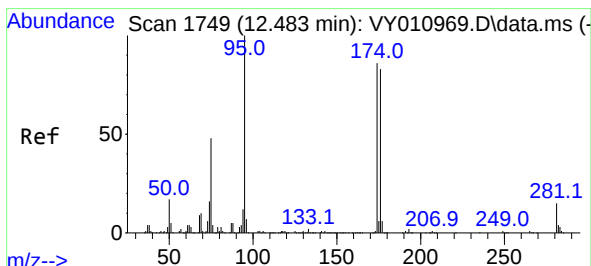
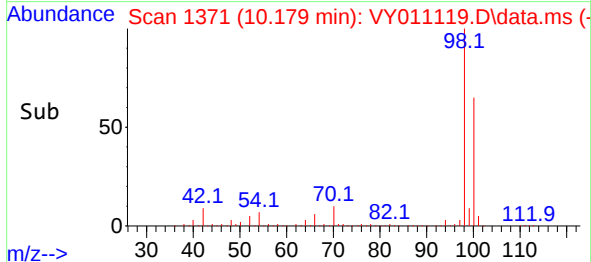
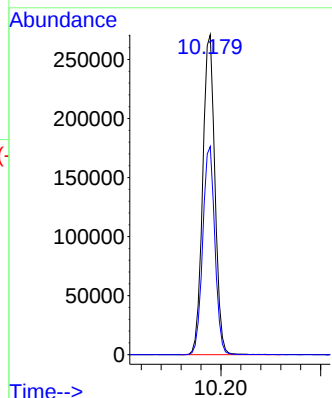
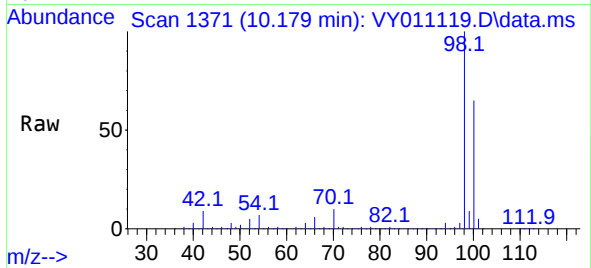




#50
Toluene-d8
Concen: 36.659 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

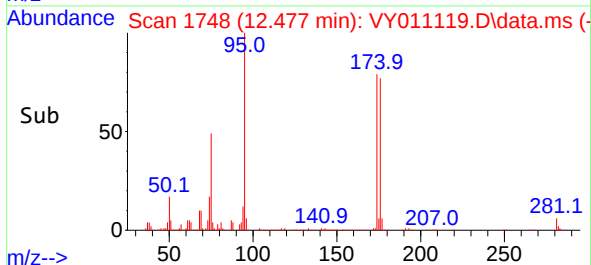
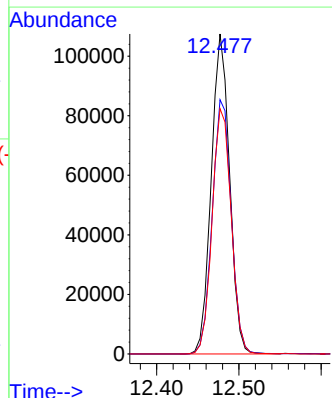
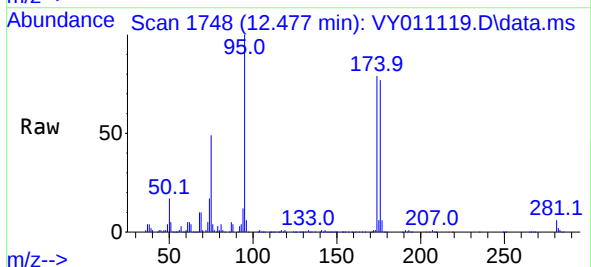
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

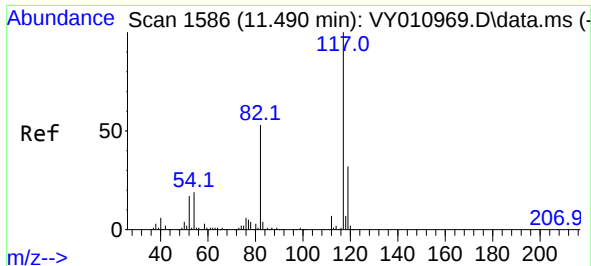
Tgt Ion: 98 Resp: 459899
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.620 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion: 95 Resp: 166391
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 79.9 0.0 175.8

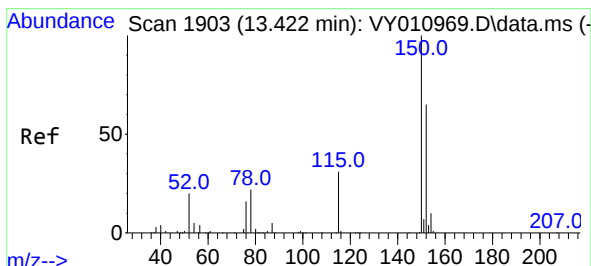
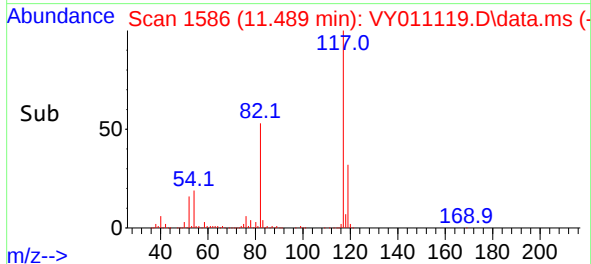
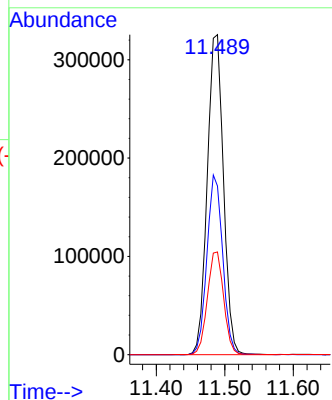
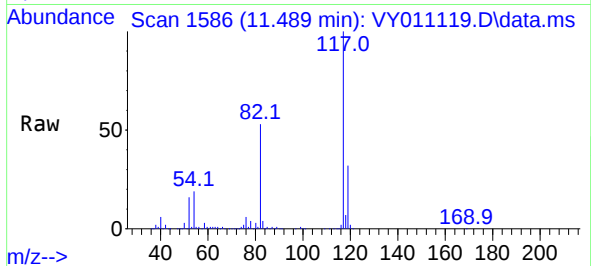




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

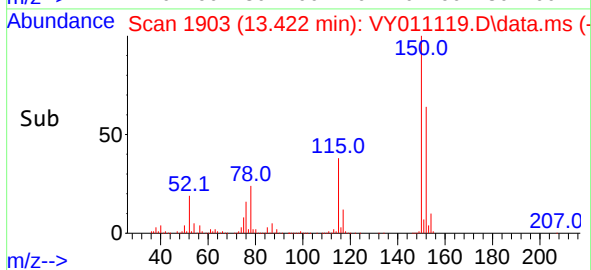
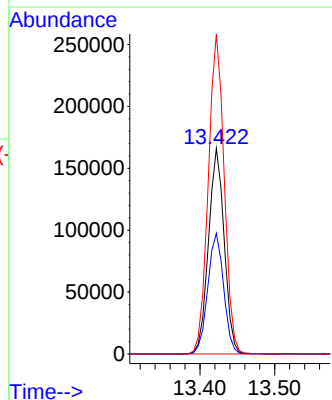
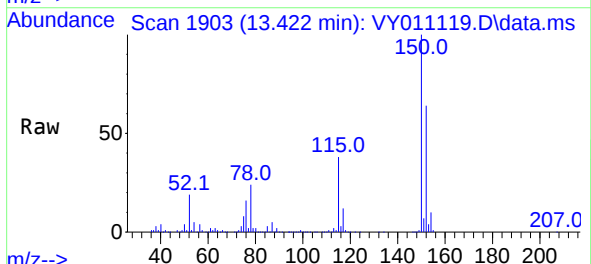
Instrument :
MSVOA_Y
ClientSampleId :
SB-8

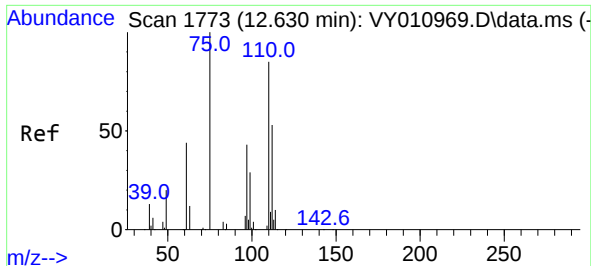
Tgt Ion:117 Resp: 536075
Ion Ratio Lower Upper
117 100
82 52.7 43.0 64.4
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion:152 Resp: 243225
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 157.4 0.0 347.6

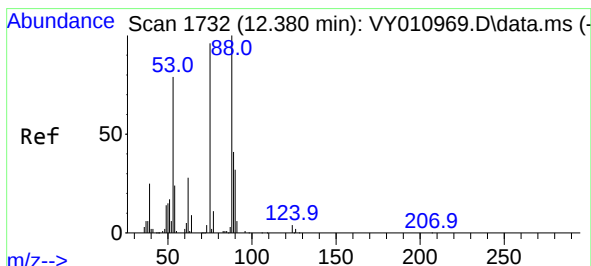
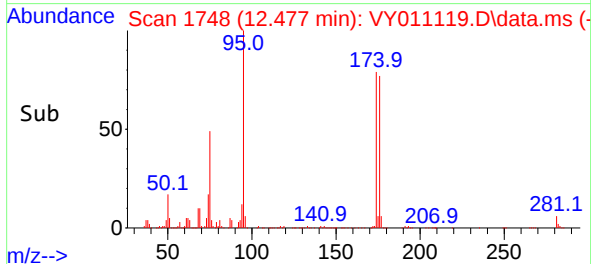
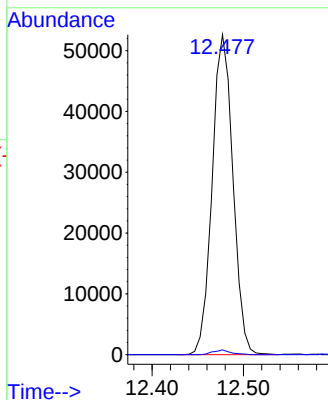
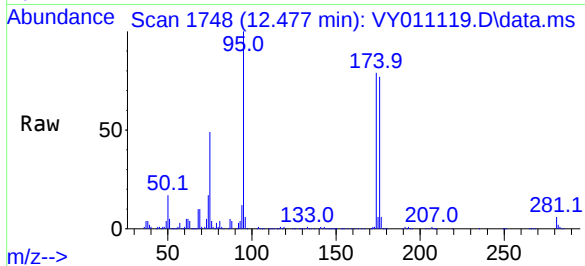




#76
1,2,3-Trichloropropane
Concen: 30.062 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Instrument :
MSVOA_Y
ClientSampleId :
SB-8

Tgt Ion: 75 Resp: 83013
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.655 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY011119.D
Acq: 26 Oct 2022 16:20

Tgt Ion: 75 Resp: 83013
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#

