

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092322\
 Data File : VY010651.D
 Acq On : 23 Sep 2022 16:10
 Operator : KP/MD
 Sample : N4724-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30-6.5-7.0

Quant Time: Sep 24 01:22:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

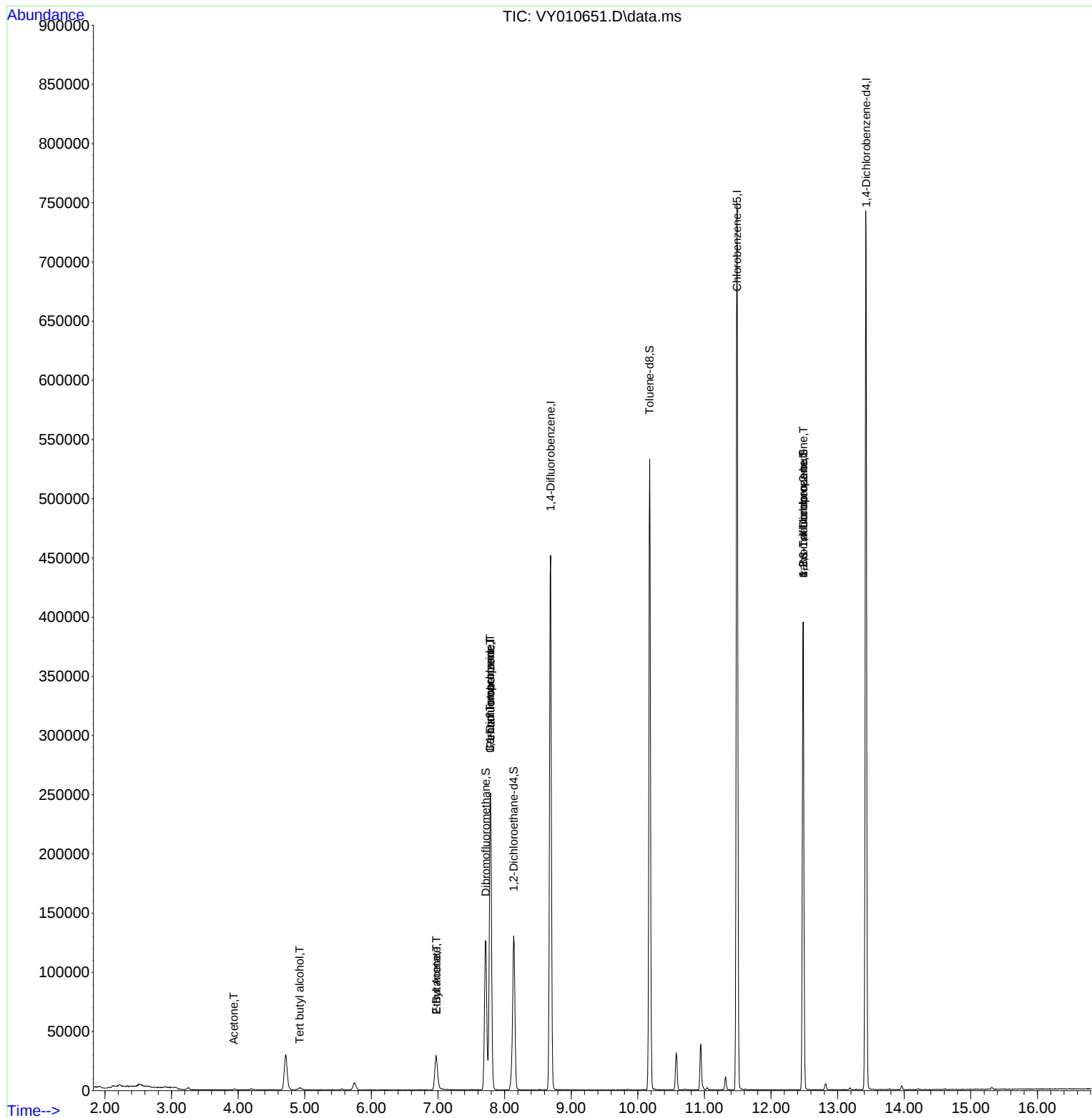
Internal Standards						
1) Pentafluorobenzene	7.789	168	200474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	388336	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	405427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	189845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95960	50.045	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.080%	
35) Dibromofluoromethane	7.716	113	89918	36.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 72.560%	
50) Toluene-d8	10.179	98	348595	38.804	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 77.600%	
62) 4-Bromofluorobenzene	12.483	95	114075	32.619	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 65.240%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	585	Below Cal		73
3) Chloromethane	2.113	50	396	Below Cal		91
4) Vinyl Chloride	2.345	62	22	Below Cal	#	43
5) Bromomethane	2.662	94	169	Below Cal	#	38
11) Tert butyl alcohol	4.924	59	2448	3.248	ug/l #	77
16) Acetone	3.936	43	1469	3.757	ug/l #	88
18) Methyl Acetate	4.485	43	671	Below Cal	#	56
20) Methylene Chloride	4.710	84	22361	Below Cal	#	83
25) 2-Butanone	6.978	43	1601	2.618	ug/l #	54
31) Cyclohexane	7.783	56	4193	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	15369	5.566	ug/l #	50
37) Ethyl Acetate	6.978	43	1601	1.004	ug/l #	1
38) Carbon Tetrachloride	7.783	117	19312	6.082	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	60483	33.380	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60483	74.219	ug/l #	7

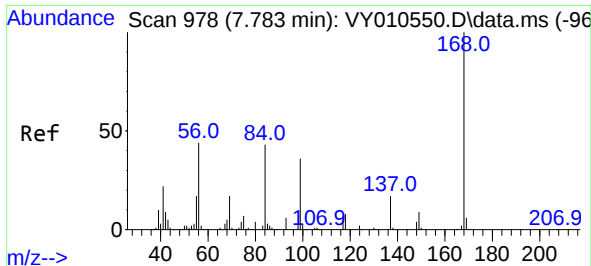
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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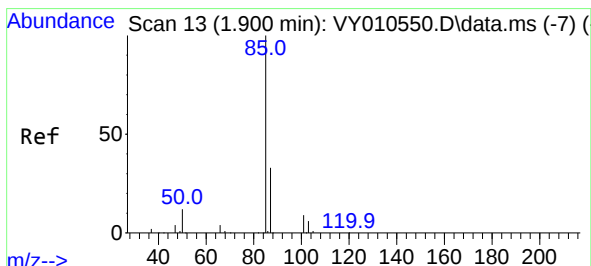
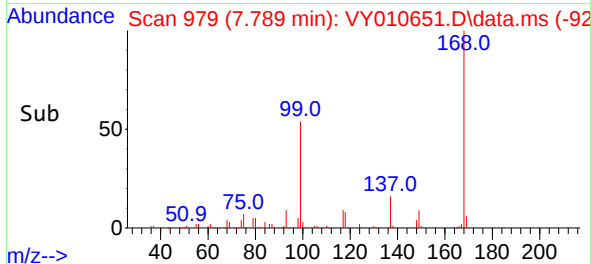
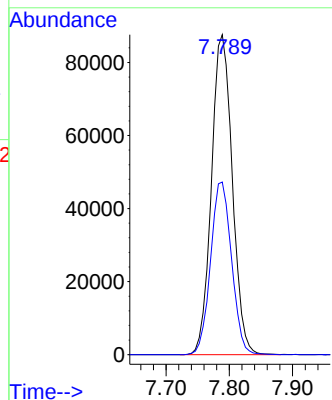
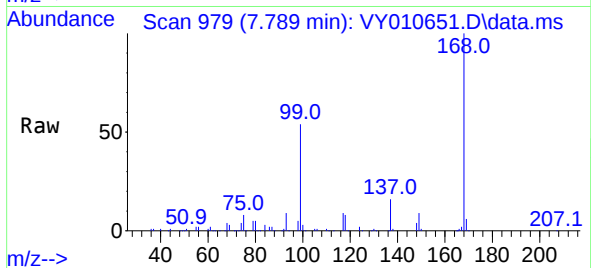




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

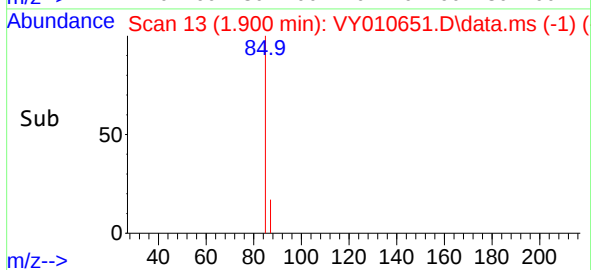
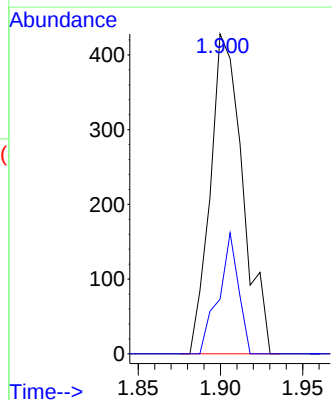
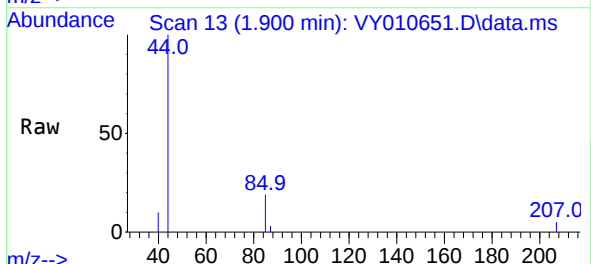
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

Tgt Ion:168 Resp: 200474
Ion Ratio Lower Upper
168 100
99 54.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 85 Resp: 585
Ion Ratio Lower Upper
85 100
87 17.1 16.1 48.2

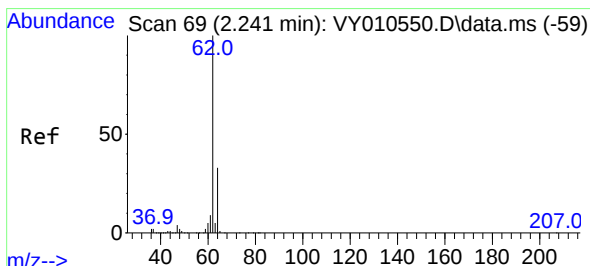
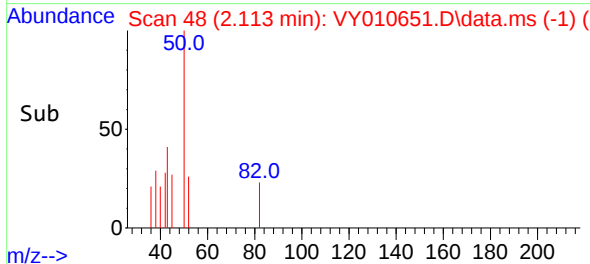
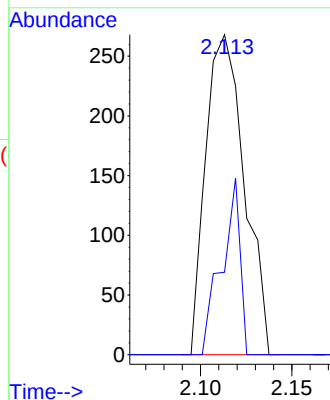
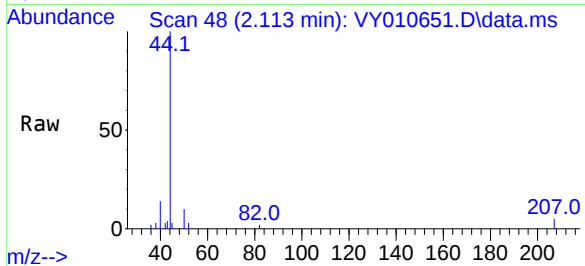




#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

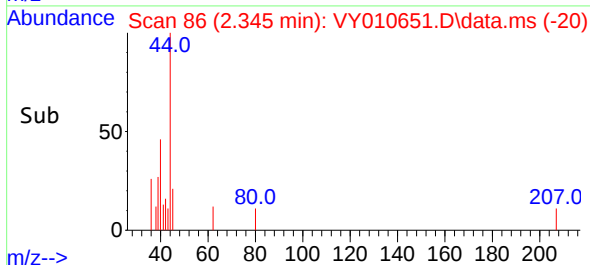
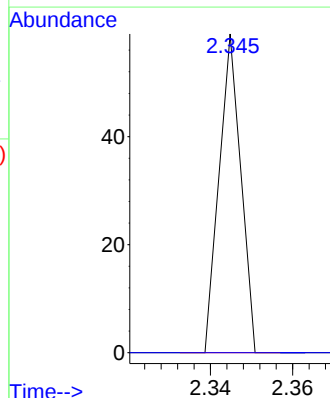
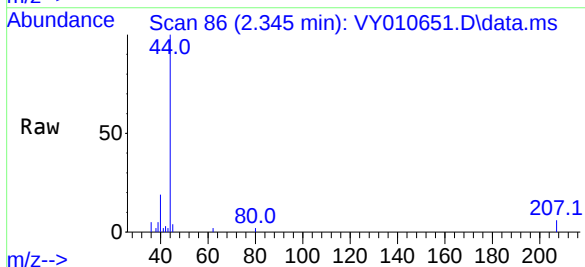
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

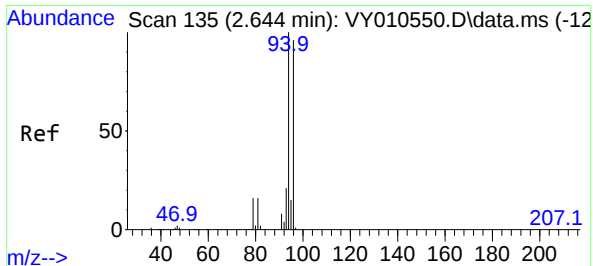
Tgt Ion: 50 Resp: 396
Ion Ratio Lower Upper
50 100
52 25.7 24.6 37.0



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.345 min Scan# 86
Delta R.T. 0.104 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 62 Resp: 22
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

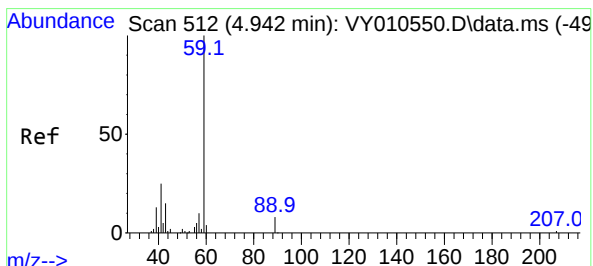
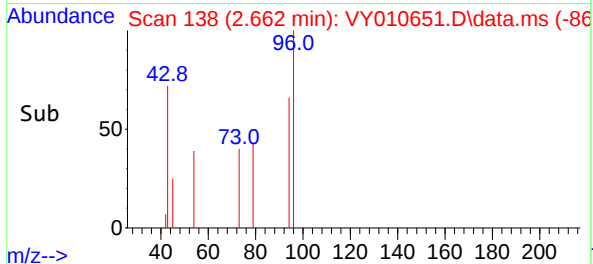
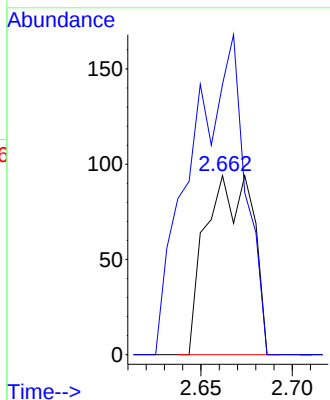
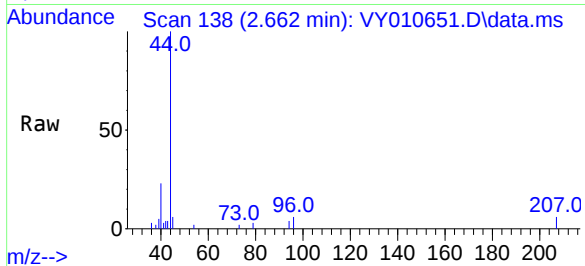




#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

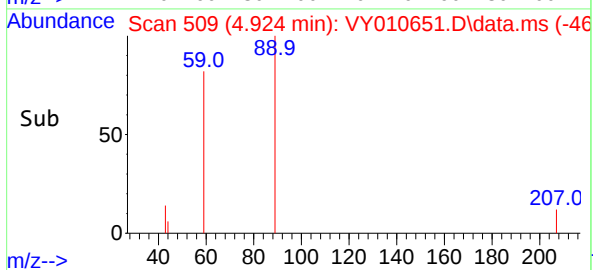
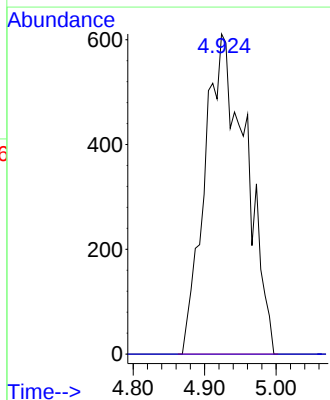
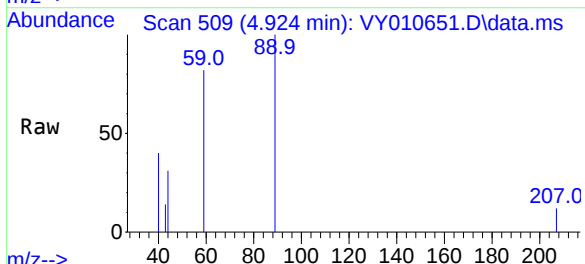
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

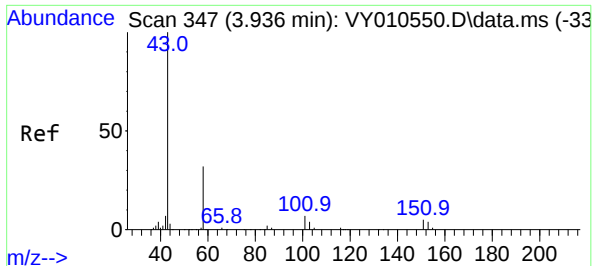
Tgt Ion: 94 Resp: 169
Ion Ratio Lower Upper
94 100
96 151.1 73.5 110.3#



#11
Tert butyl alcohol
Concen: 3.248 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.018 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 59 Resp: 2448
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

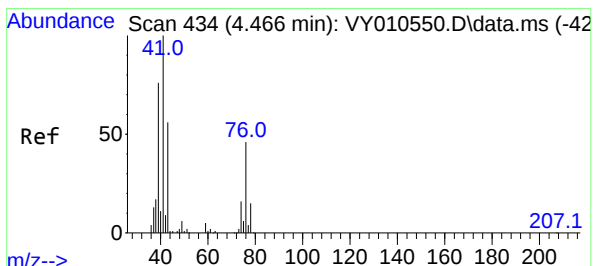
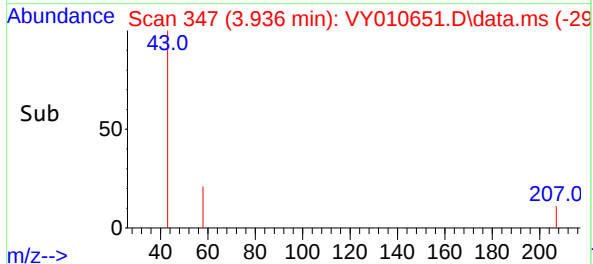
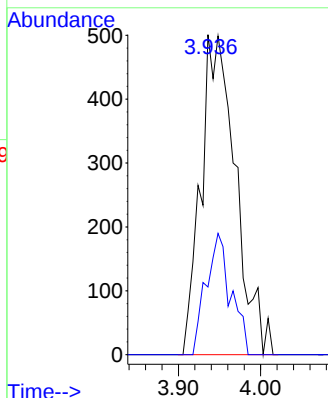
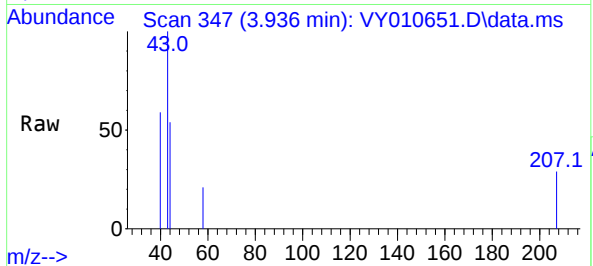




#16
Acetone
Concen: 3.757 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

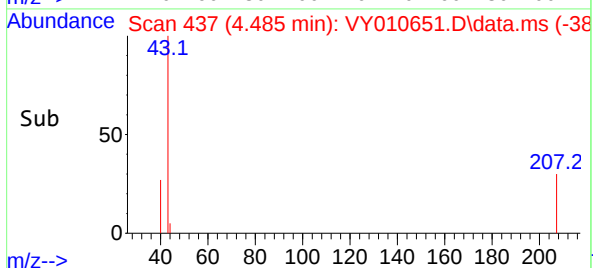
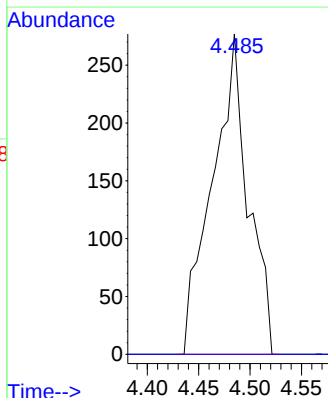
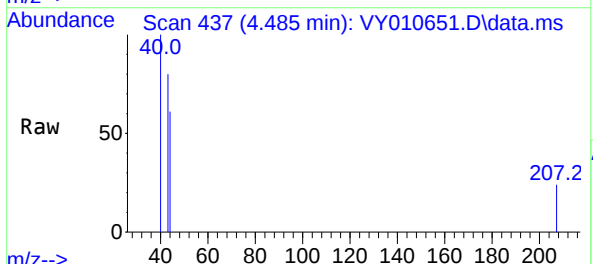
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

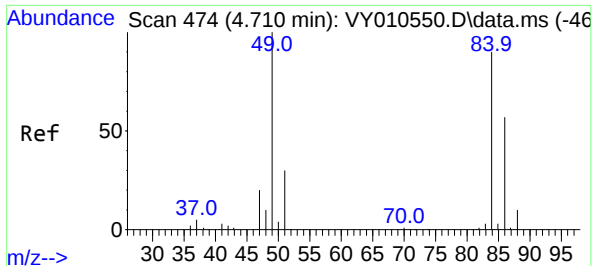
Tgt Ion: 43 Resp: 1469
Ion Ratio Lower Upper
43 100
58 21.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.019 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

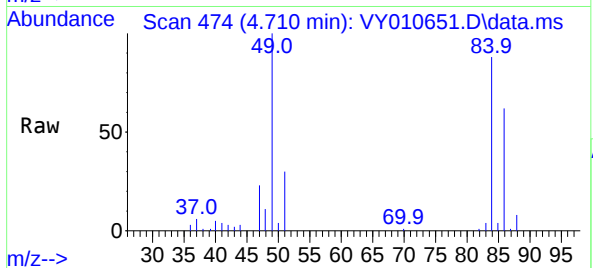
Tgt Ion: 43 Resp: 671
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





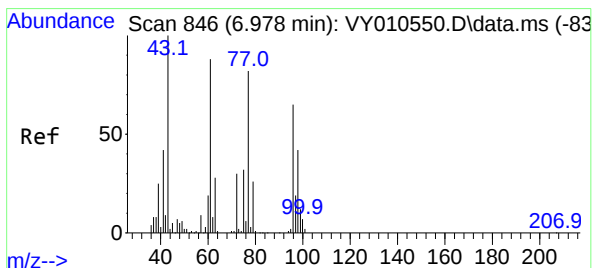
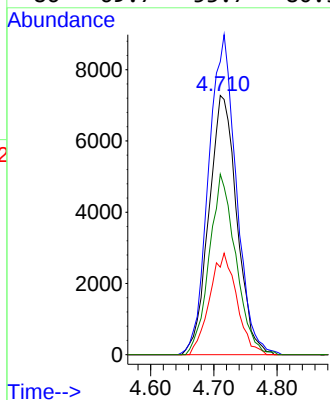
#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0



Tgt Ion: 84 Resp: 22361

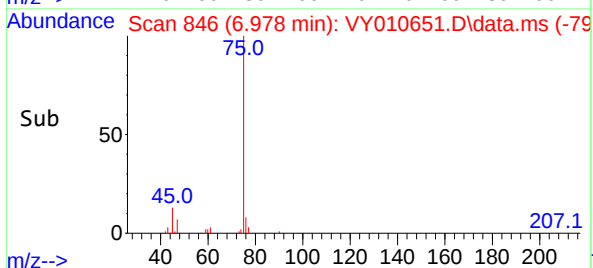
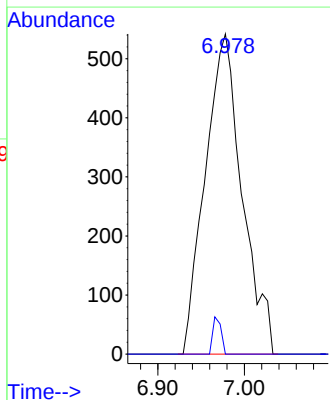
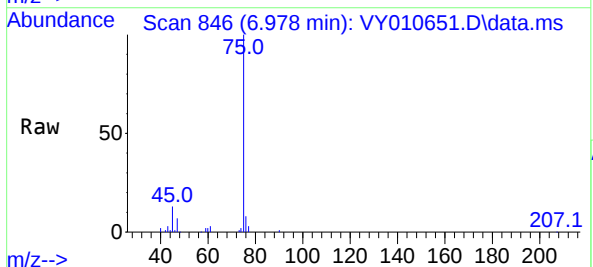
Ion	Ratio	Lower	Upper
84	100		
49	113.0	114.4	171.6#
51	33.8	35.3	52.9#
86	69.7	53.7	80.5

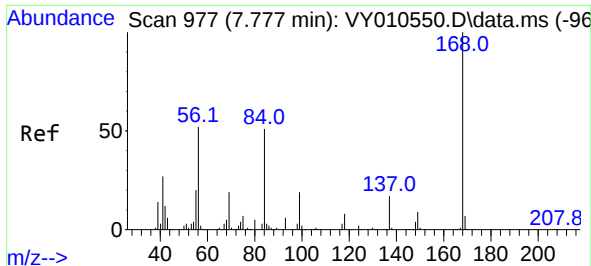


#25
2-Butanone
Concen: 2.618 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 43 Resp: 1601

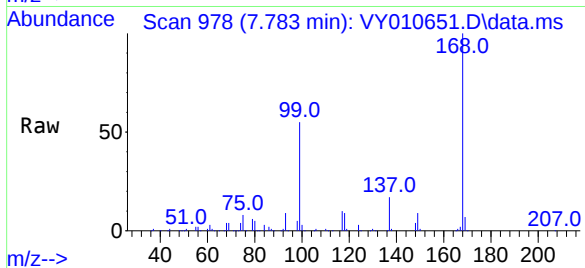
Ion	Ratio	Lower	Upper
43	100		
72	0.0	17.7	26.5#



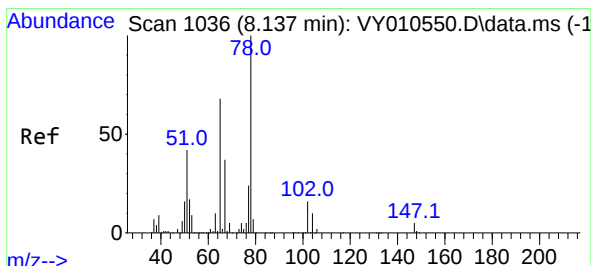
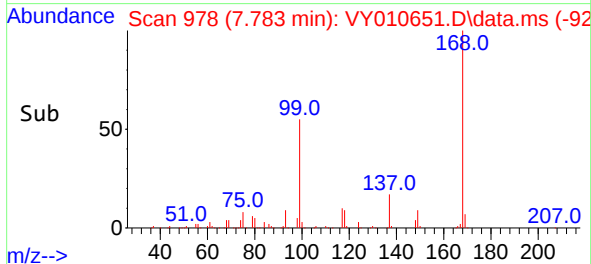
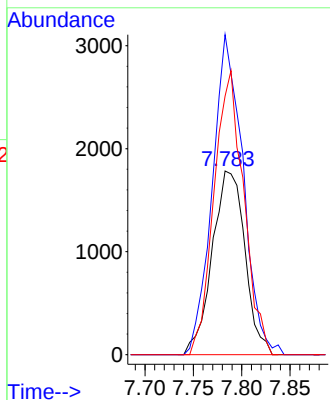


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

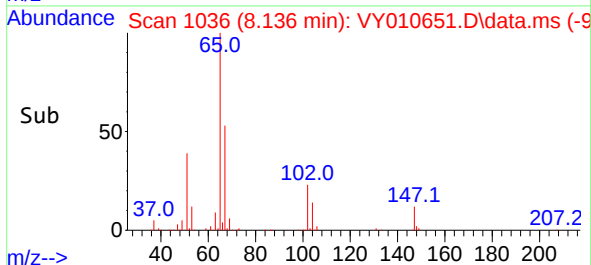
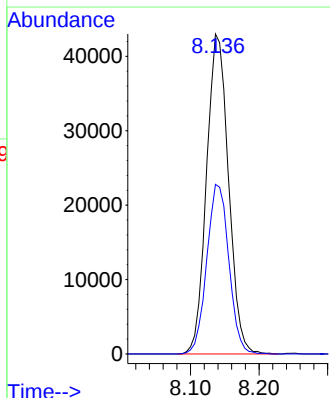
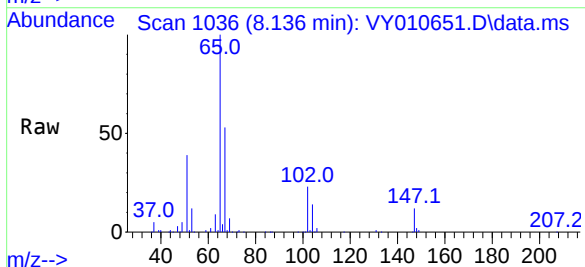


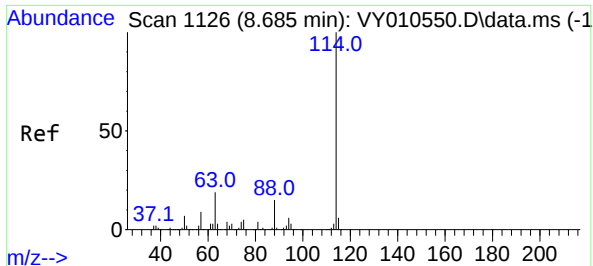
Tgt Ion: 56 Resp: 4193
Ion Ratio Lower Upper
56 100
69 174.2 26.7 40.1#
84 140.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.045 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 65 Resp: 95960
Ion Ratio Lower Upper
65 100
67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010651.D

Acq: 23 Sep 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-30-6.5-7.0

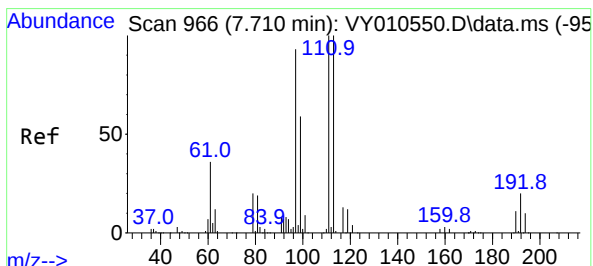
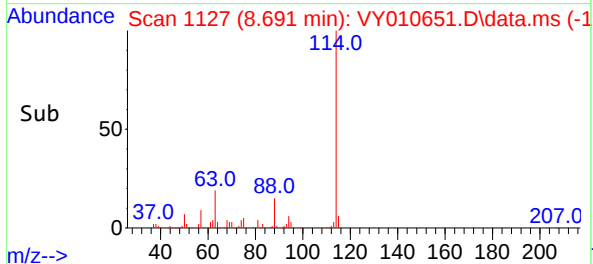
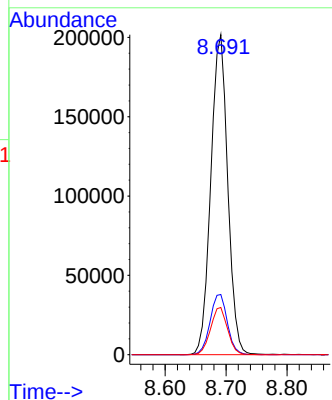
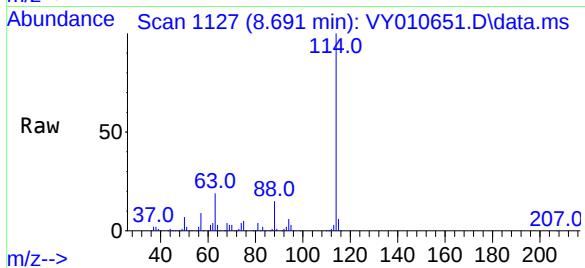
Tgt Ion:114 Resp: 388336

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 36.281 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010651.D

Acq: 23 Sep 2022 16:10

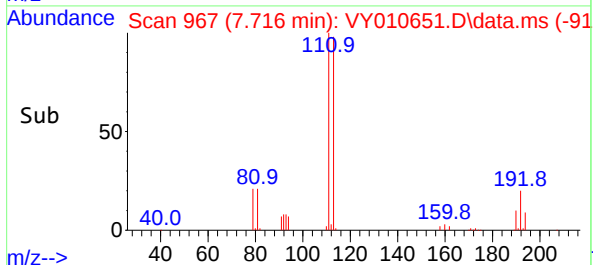
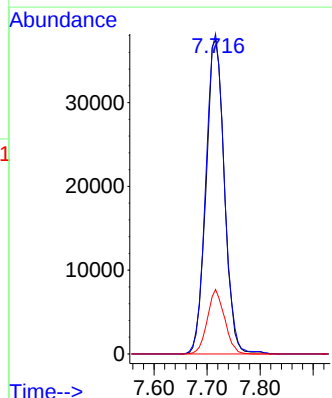
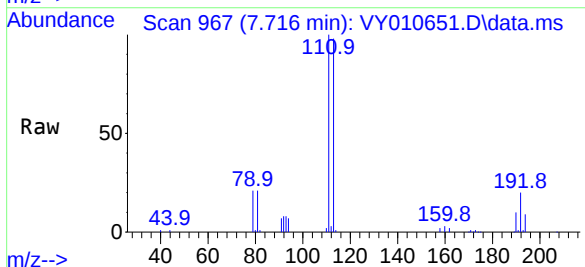
Tgt Ion:113 Resp: 89918

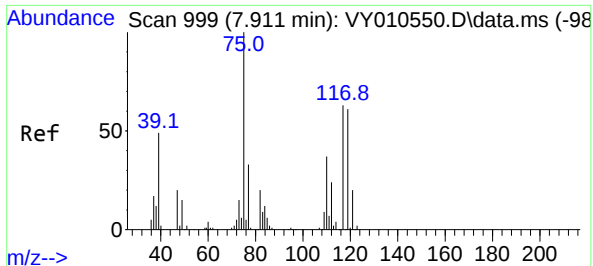
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.566 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010651.D

Acq: 23 Sep 2022 16:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-30-6.5-7.0

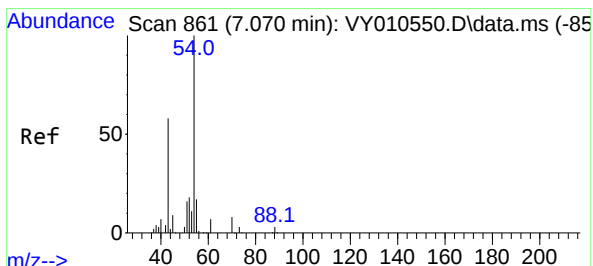
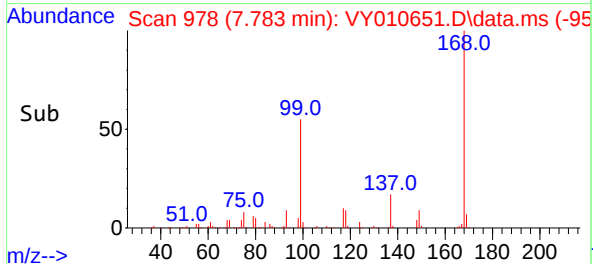
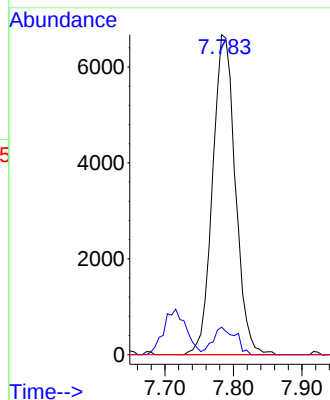
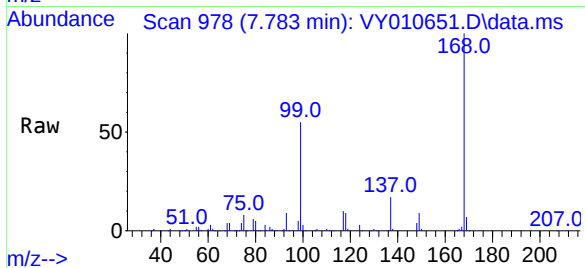
Tgt Ion: 75 Resp: 15369

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.004 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.092 min

Lab File: VY010651.D

Acq: 23 Sep 2022 16:10

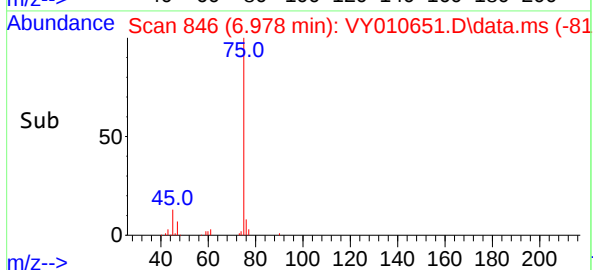
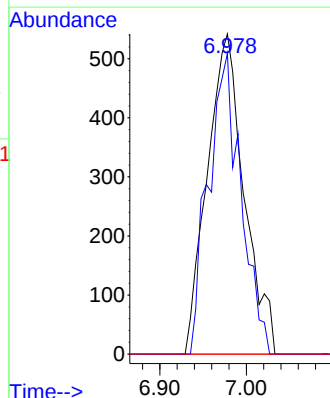
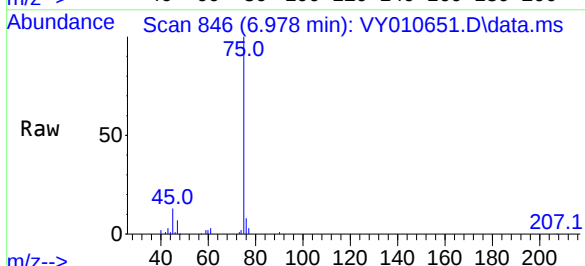
Tgt Ion: 43 Resp: 1601

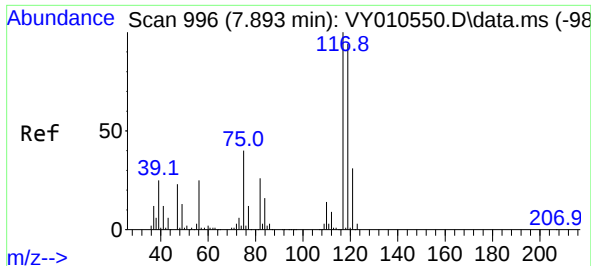
Ion Ratio Lower Upper

43 100

61 82.8 9.7 14.5#

70 0.0 7.1 10.7#

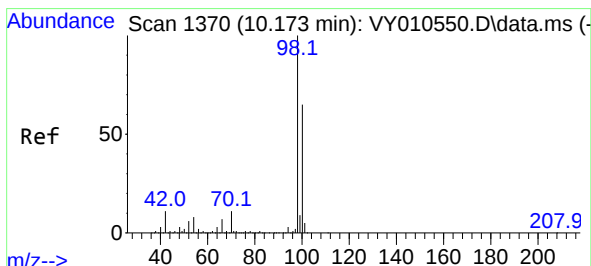
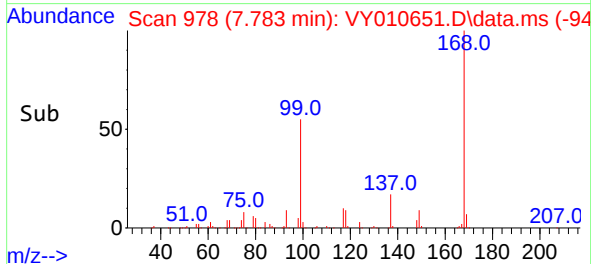
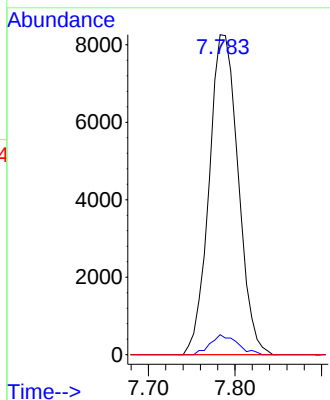
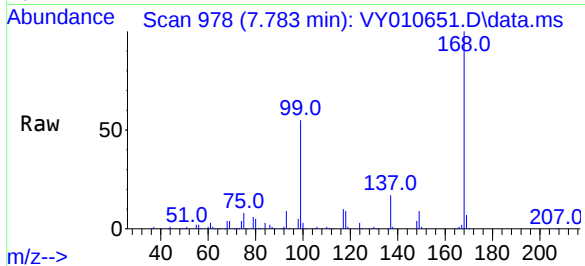




#38
Carbon Tetrachloride
Concen: 6.082 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

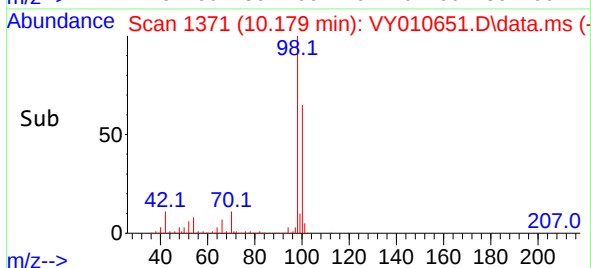
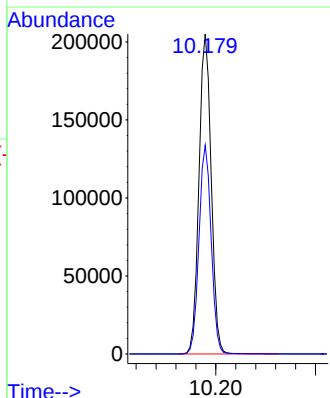
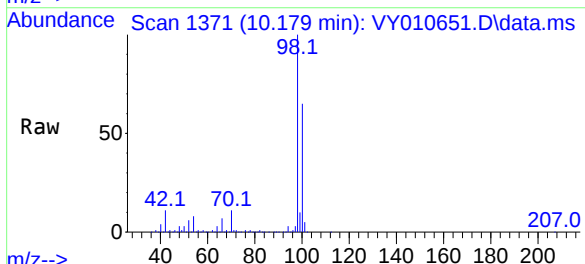
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

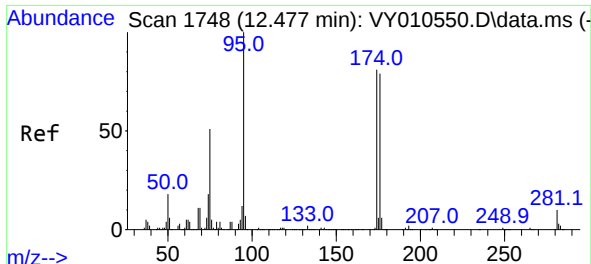
Tgt Ion:117 Resp: 19312
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 38.804 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 98 Resp: 348595
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

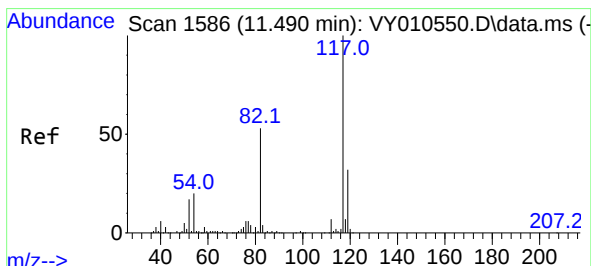
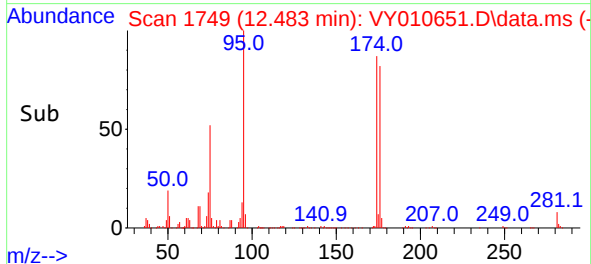
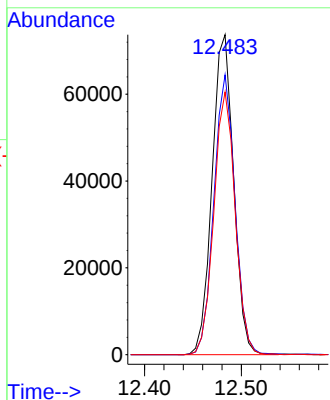
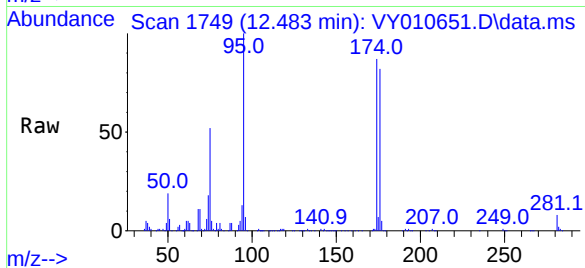




#62
4-Bromofluorobenzene
Concen: 32.619 ug/l
RT: 12.483 min Scan# 114075
Delta R.T. 0.006 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

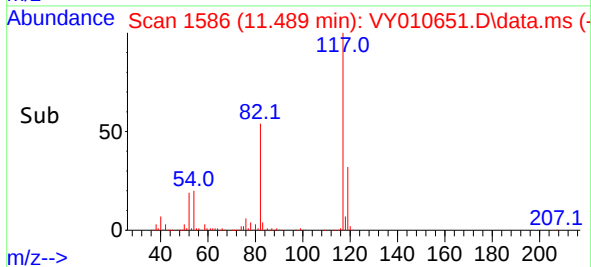
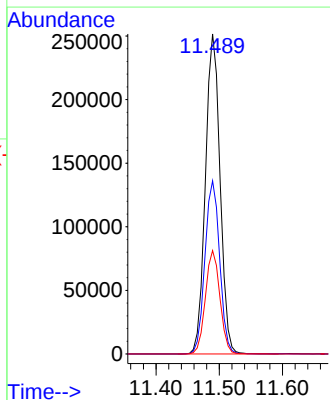
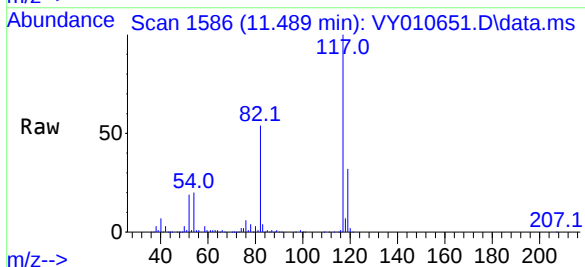
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

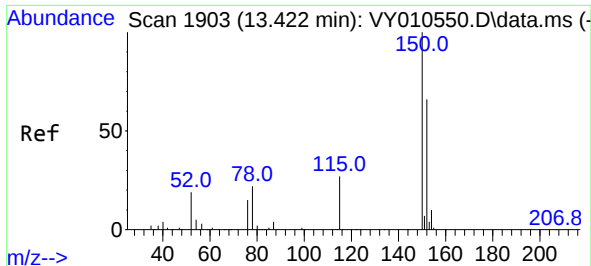
Tgt Ion: 95 Resp: 114075
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 81.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

Tgt Ion: 117 Resp: 405427
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.3 25.4 38.0

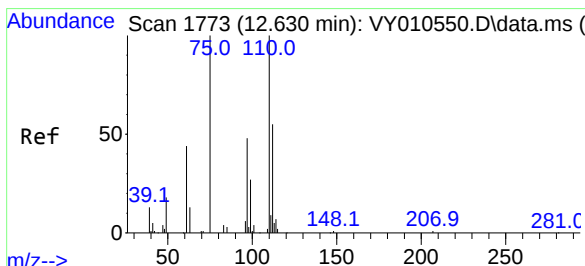
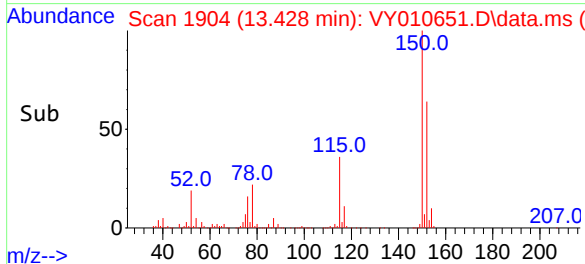
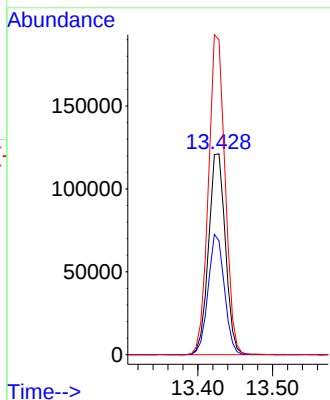
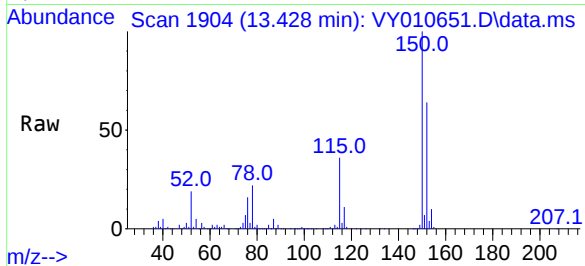




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

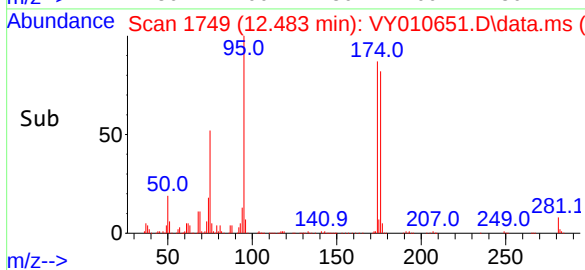
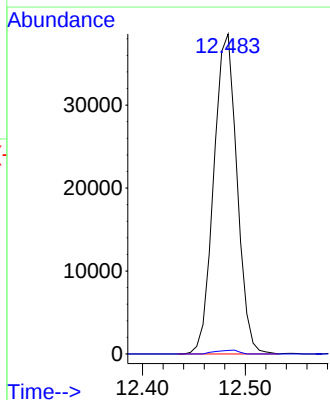
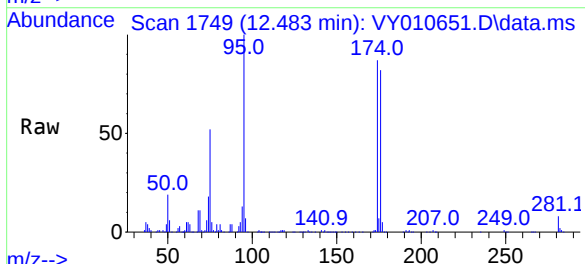
Instrument :
MSVOA_Y
ClientSampleId :
SB-30-6.5-7.0

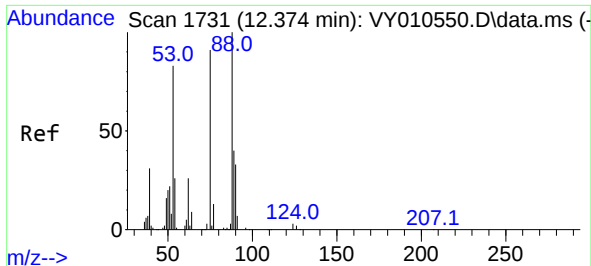
Tgt Ion:152 Resp: 189845
Ion Ratio Lower Upper
152 100
115 57.9 28.2 84.7
150 157.4 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 33.380 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY010651.D
Acq: 23 Sep 2022 16:10

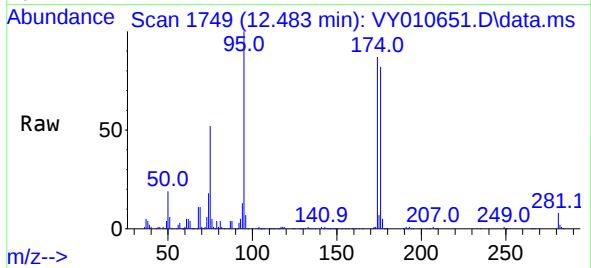
Tgt Ion: 75 Resp: 60483
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.219 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY010651.D
 Acq: 23 Sep 2022 16:10

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-30-6.5-7.0



Tgt Ion: 75 Resp: 60483
 Ion Ratio Lower Upper
 75 100
 53 0.1 85.3 127.9#
 89 0.0 37.0 55.4#

