

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032922\
 Data File : VY008091.D
 Acq On : 29 Mar 2022 16:49
 Operator : SY/MD
 Sample : N2155-06
 Misc : 5.40g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Mar 30 04:00:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

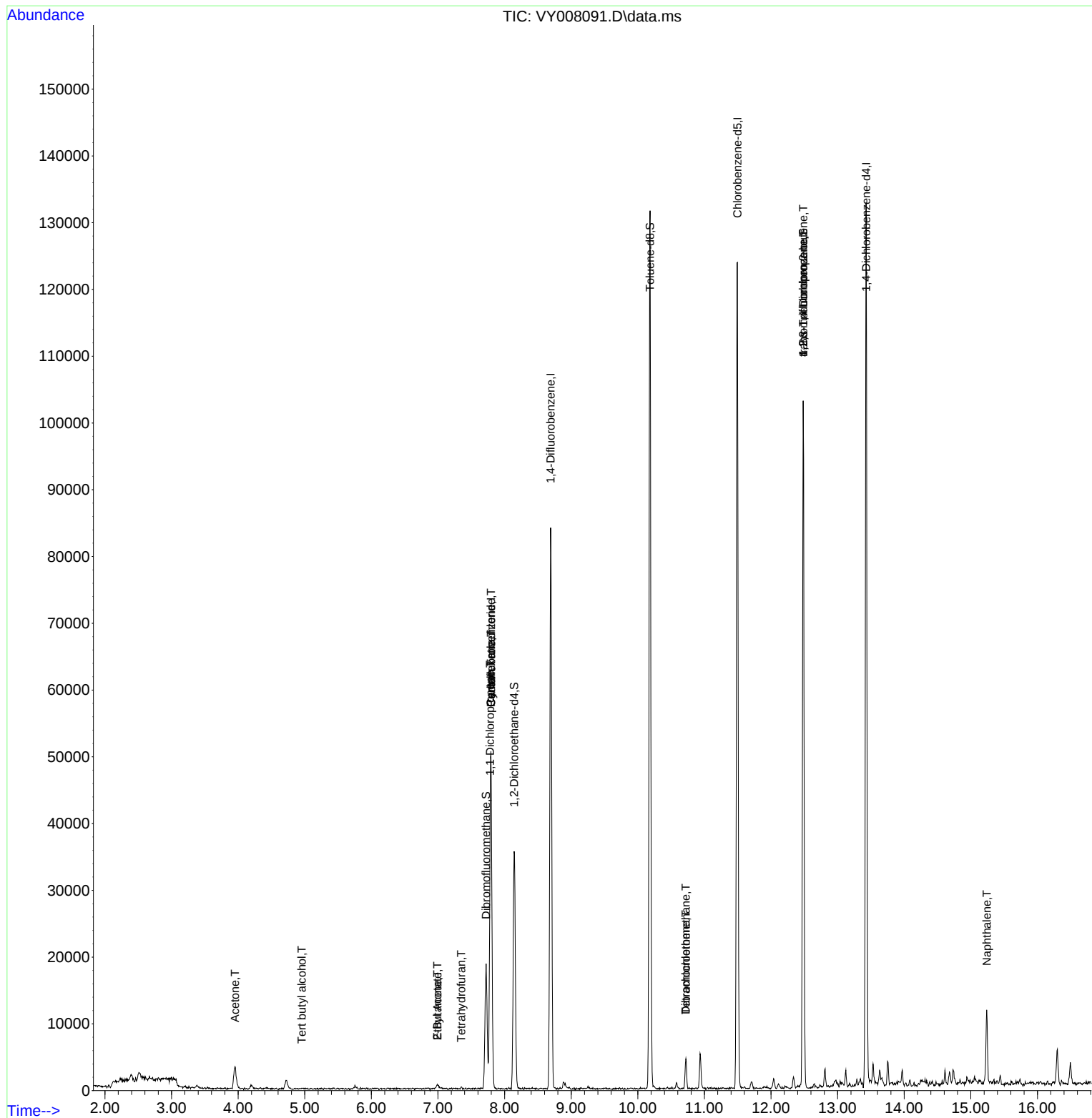
Internal Standards						
1) Pentafluorobenzene	7.795	168	38618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	74457	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	73168	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33377	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	27908	72.029	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.060%	
35) Dibromofluoromethane	7.722	113	13076	28.011	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 56.020%	
50) Toluene-d8	10.185	98	90515	51.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.920%	
62) 4-Bromofluorobenzene	12.483	95	33404	53.834	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	68	1.692	ug/l #	77
16) Acetone	3.954	43	6134	69.263	ug/l	90
18) Methyl Acetate	4.478	43	20	Below Cal	#	56
20) Methylene Chloride	4.722	84	913	Below Cal	#	87
25) 2-Butanone	6.990	43	868	6.441	ug/l #	64
29) Tetrahydrofuran	7.350	42	154	1.758	ug/l #	52
31) Cyclohexane	7.795	56	773	1.067	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	3109	4.240	ug/l #	49
37) Ethyl Acetate	6.990	43	868	2.534	ug/l #	72
38) Carbon Tetrachloride	7.795	117	4164	5.211	ug/l #	11
60) Dibromochloromethane	10.721	129	954	1.748	ug/l #	11
64) Tetrachloroethene	10.721	164	949	1.689	ug/l #	92
76) 1,2,3-Trichloropropane	12.483	75	17514	43.046	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	17514	96.042	ug/l #	7
95) Naphthalene	15.239	128	9172	6.280	ug/l	99

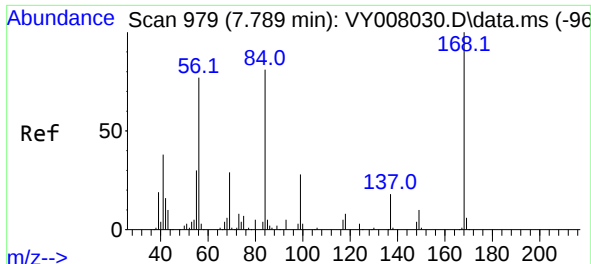
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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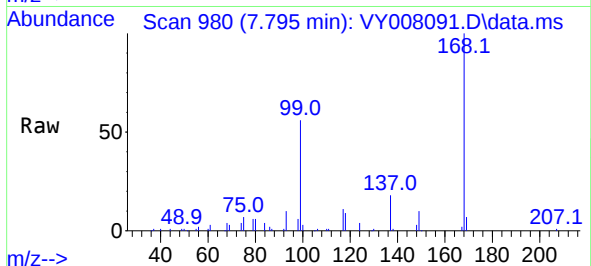
Quant Time: Mar 30 04:00:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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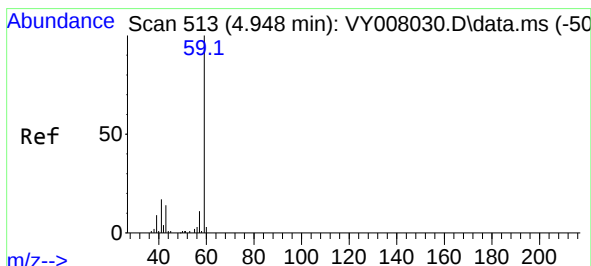
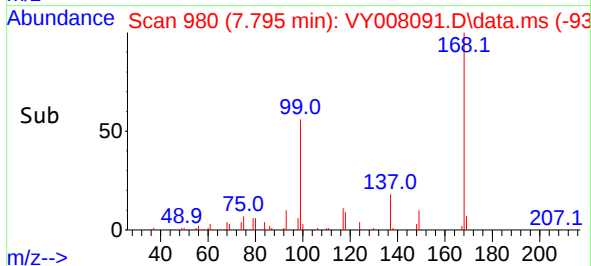
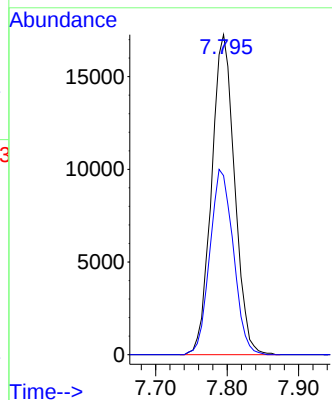


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

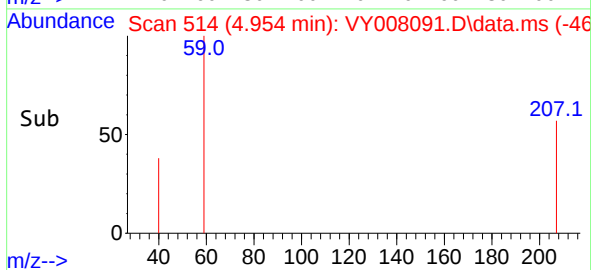
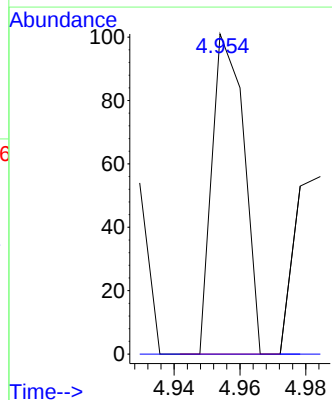
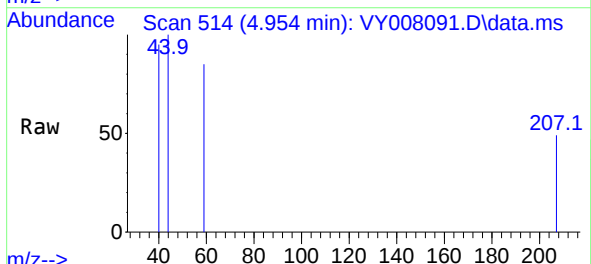


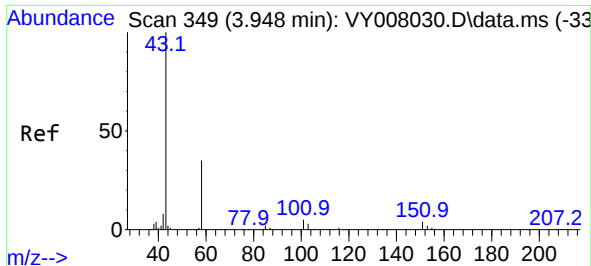
Tgt Ion:168 Resp: 38618
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.692 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

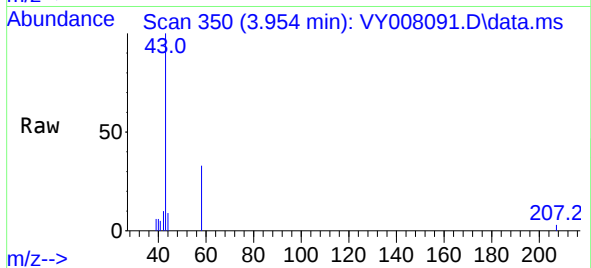
Tgt Ion: 59 Resp: 68
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



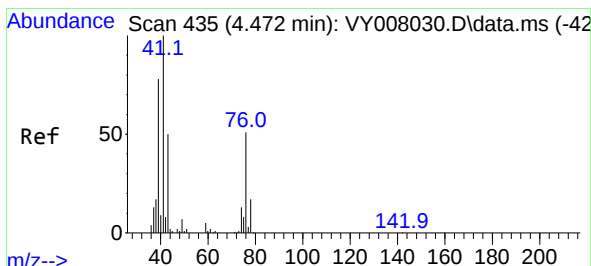
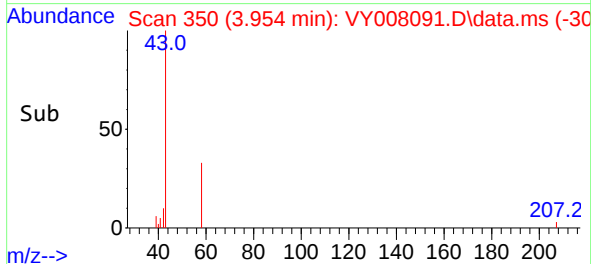
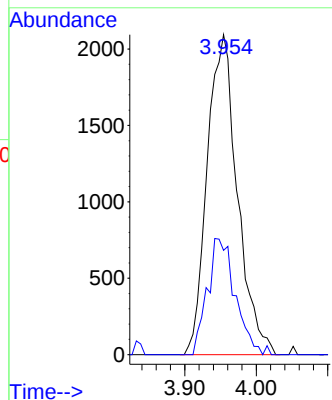


#16
Acetone
Concen: 69.263 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

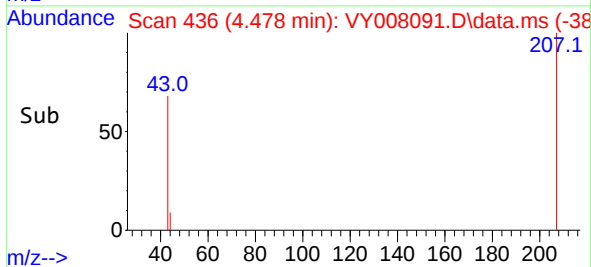
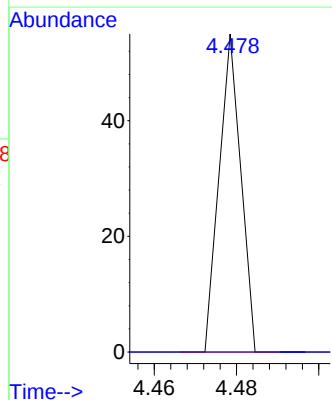
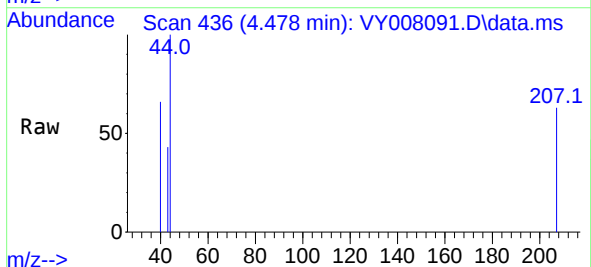


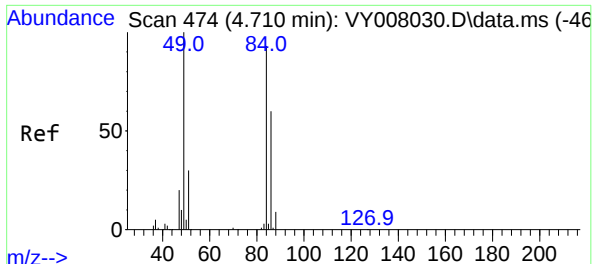
Tgt Ion: 43 Resp: 6134
Ion Ratio Lower Upper
43 100
58 32.6 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.478 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

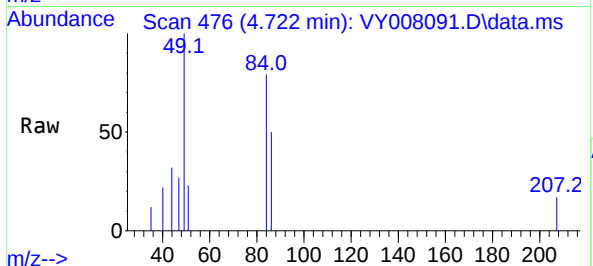
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



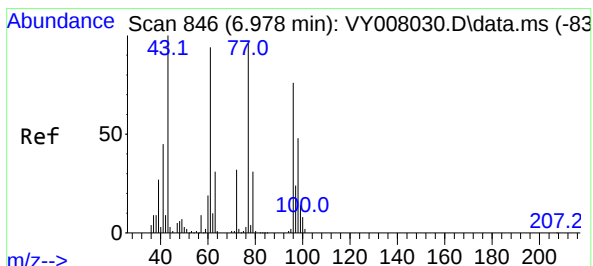
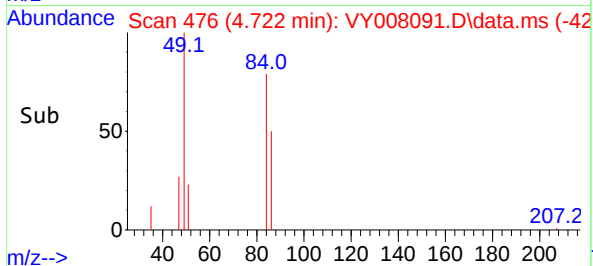
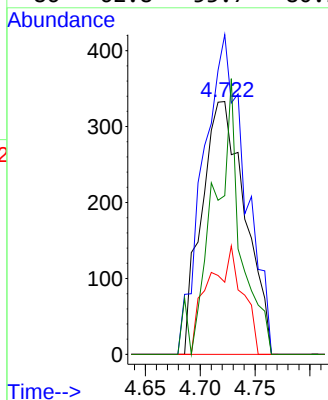


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

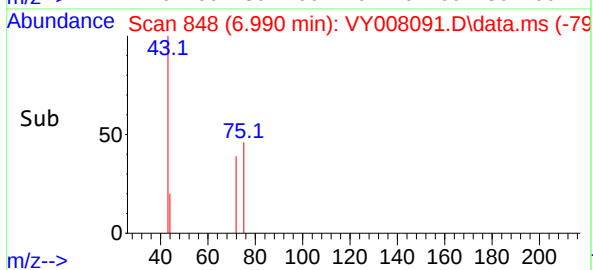
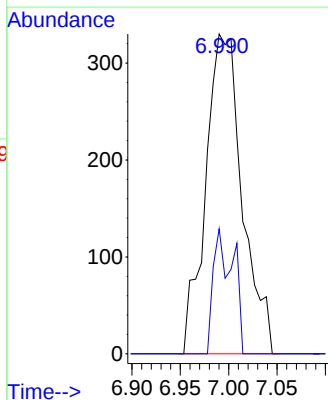
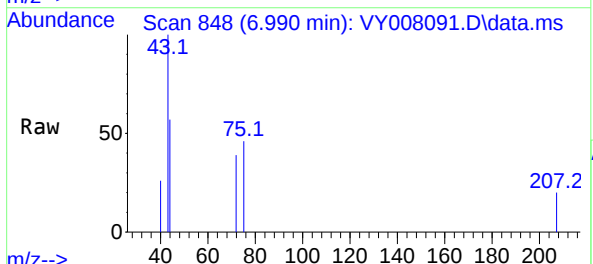


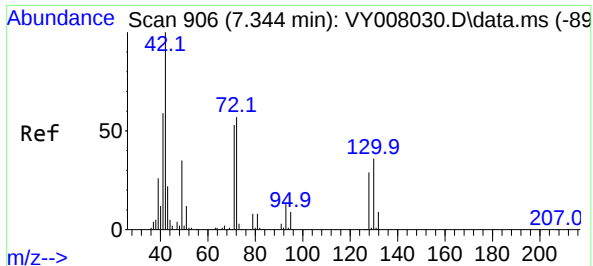
Tgt Ion: 84 Resp: 913
Ion Ratio Lower Upper
84 100
49 126.4 114.4 171.6
51 28.5 35.3 52.9#
86 62.8 53.7 80.5



#25
2-Butanone
Concen: 6.441 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
72 39.1 17.7 26.5#





#29

Tetrahydrofuran

Concen: 1.758 ug/l

RT: 7.350 min Scan# 90

Delta R.T. 0.006 min

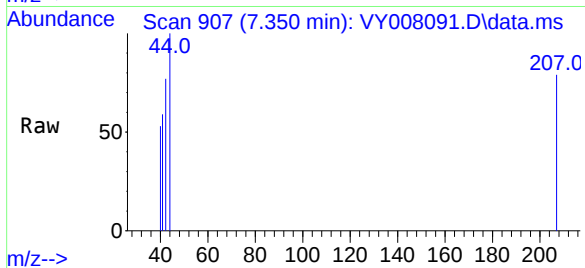
Lab File: VY008091.D

Acq: 29 Mar 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :



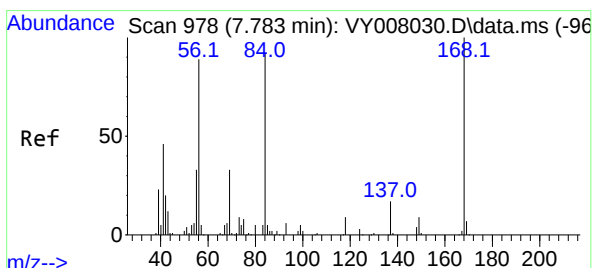
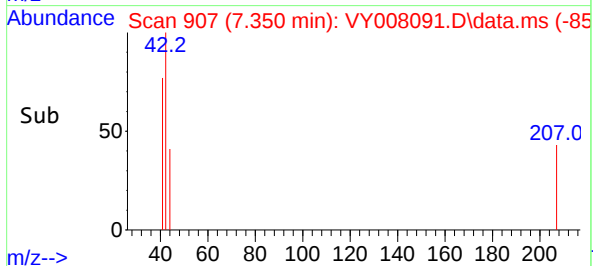
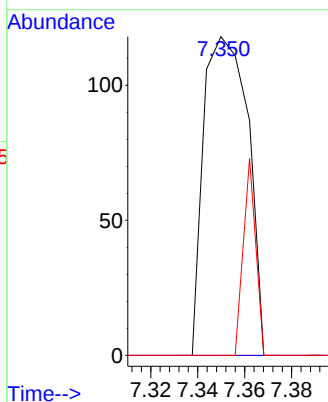
Tgt Ion: 42 Resp: 154

Ion Ratio Lower Upper

42 100

72 0.0 30.3 45.5#

71 17.5 29.0 43.4#



#31

Cyclohexane

Concen: 1.067 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.012 min

Lab File: VY008091.D

Acq: 29 Mar 2022 16:49

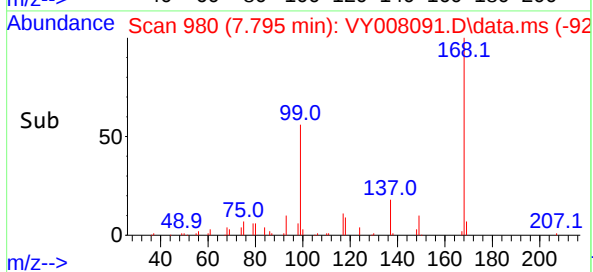
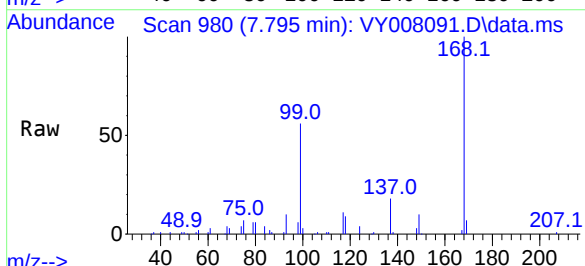
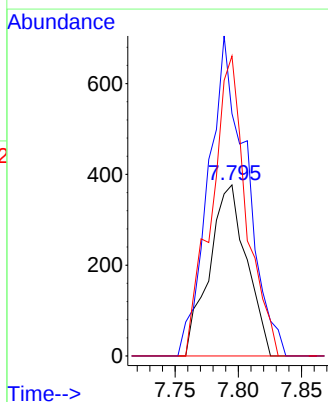
Tgt Ion: 56 Resp: 773

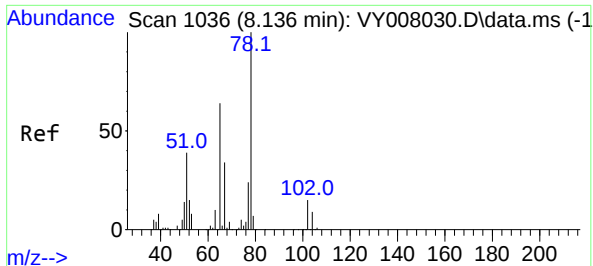
Ion Ratio Lower Upper

56 100

69 141.6 26.7 40.1#

84 175.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 72.029 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY008091.D

Acq: 29 Mar 2022 16:49

Instrument :

MSVOA_Y

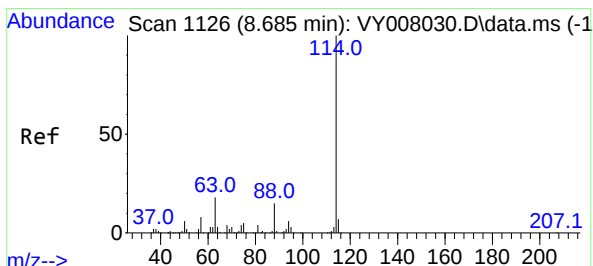
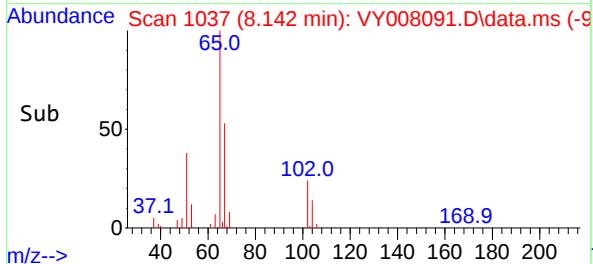
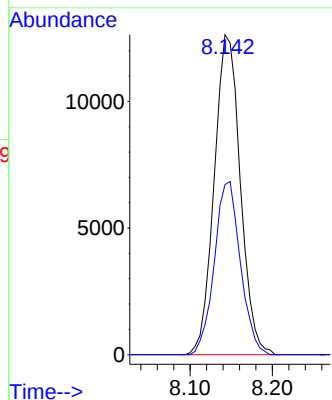
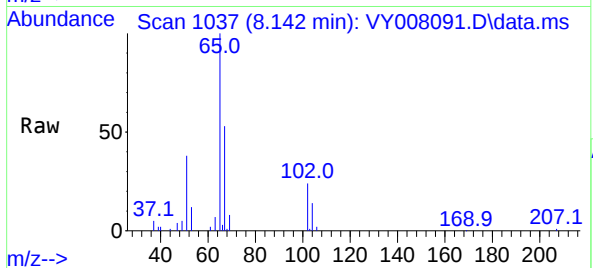
ClientSampleId :

Tgt Ion: 65 Resp: 27908

Ion Ratio Lower Upper

65 100

67 53.9 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: VY008091.D

Acq: 29 Mar 2022 16:49

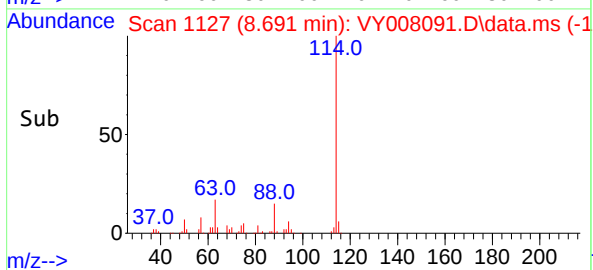
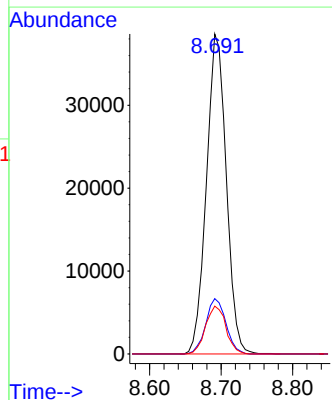
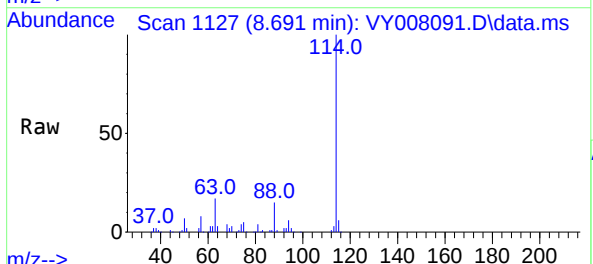
Tgt Ion: 114 Resp: 74457

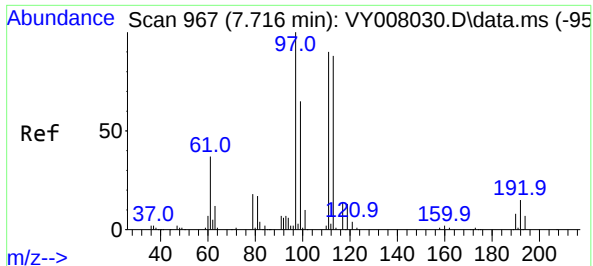
Ion Ratio Lower Upper

114 100

63 17.3 0.0 43.2

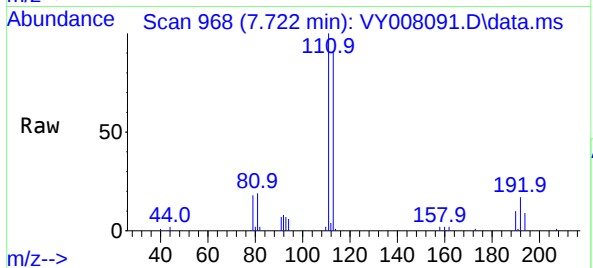
88 14.9 0.0 31.8



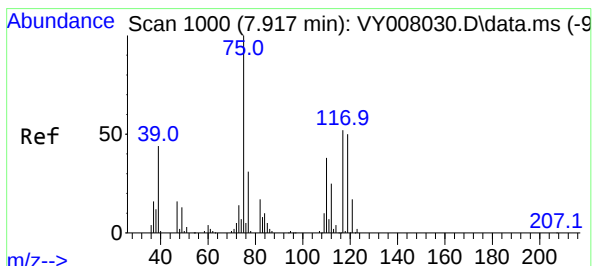
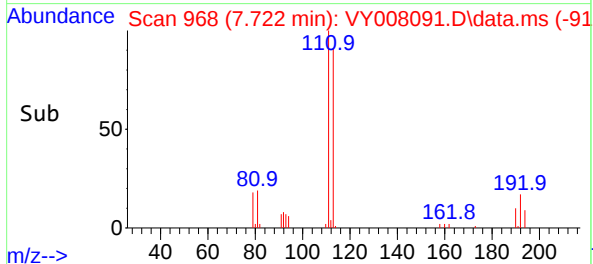
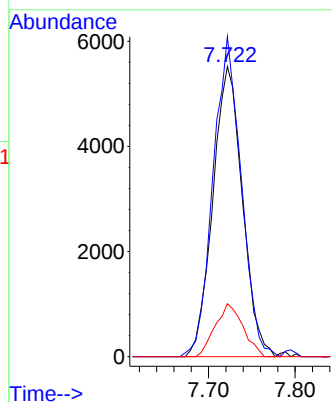


#35
Dibromofluoromethane
Concen: 28.011 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

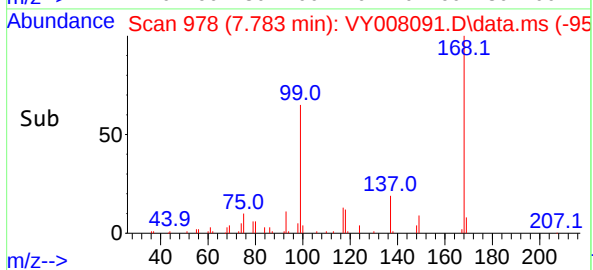
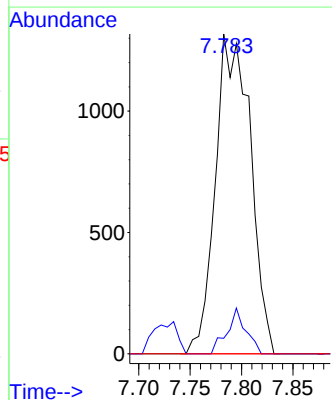
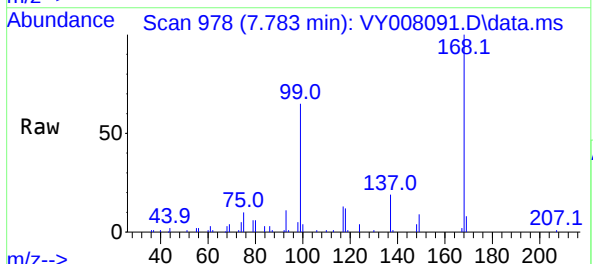


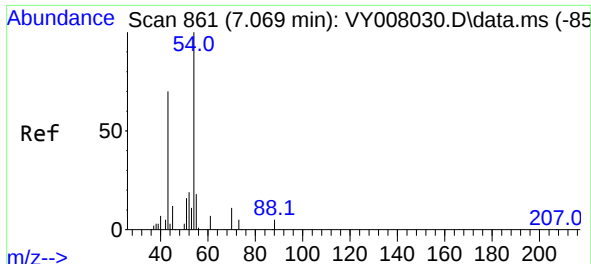
Tgt Ion:113 Resp: 13076
Ion Ratio Lower Upper
113 100
111 105.0 82.6 124.0
192 17.2 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 4.240 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

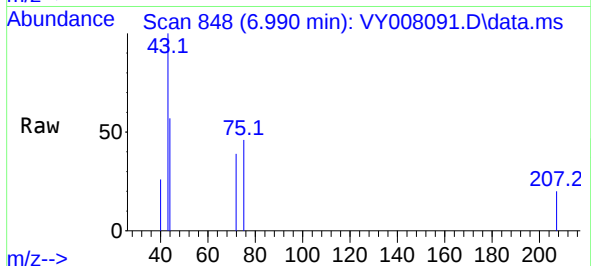
Tgt Ion: 75 Resp: 3109
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.4 36.6#



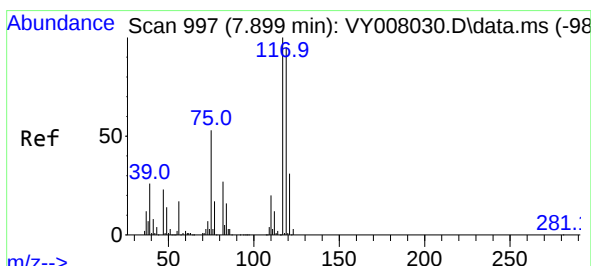
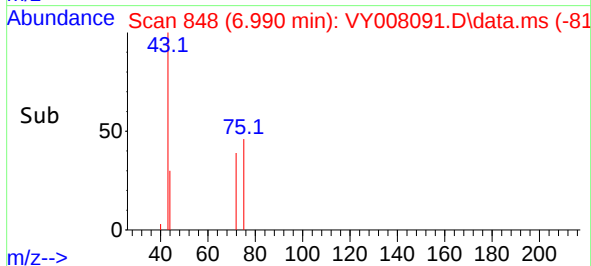
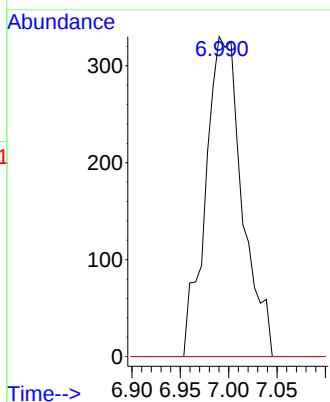


#37
Ethyl Acetate
Concen: 2.534 ug/l
RT: 6.990 min Scan# 84
Delta R.T. -0.079 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

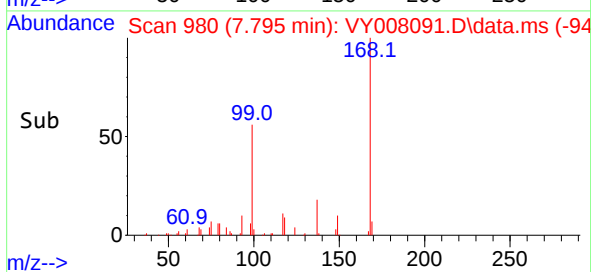
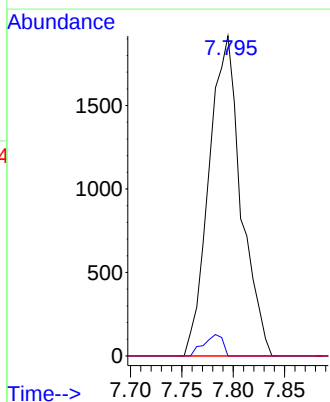
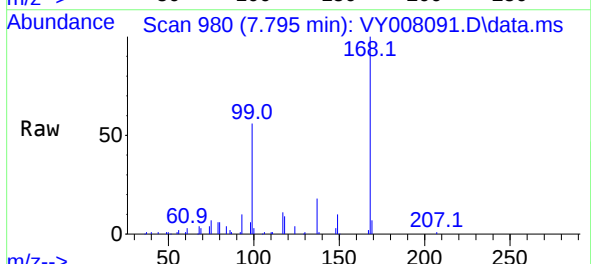


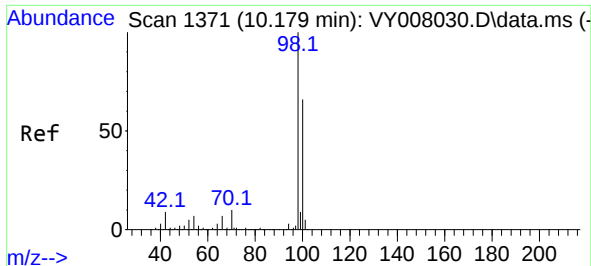
Tgt Ion: 43 Resp: 868
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion: 117 Resp: 4164
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

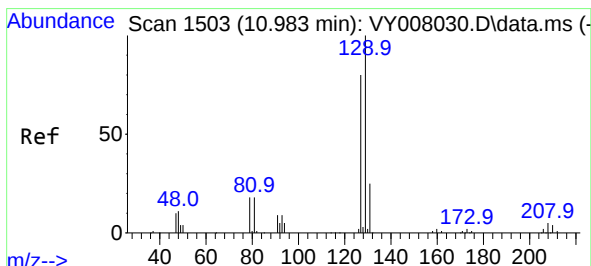
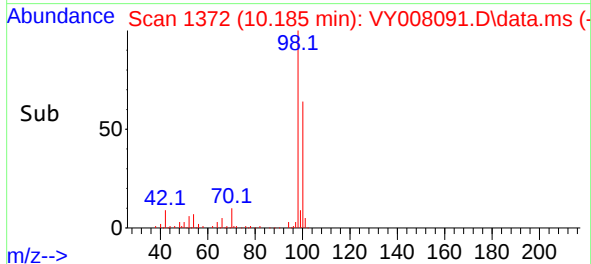
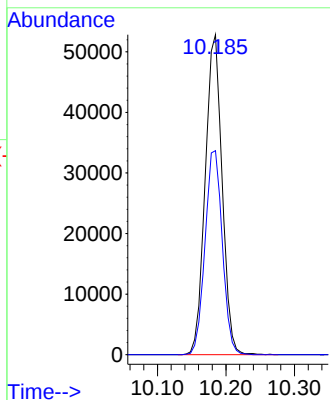
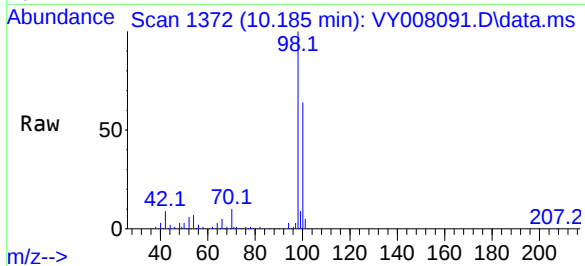




#50
Toluene-d8
Concen: 51.465 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

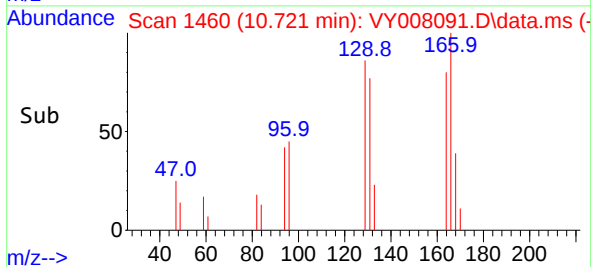
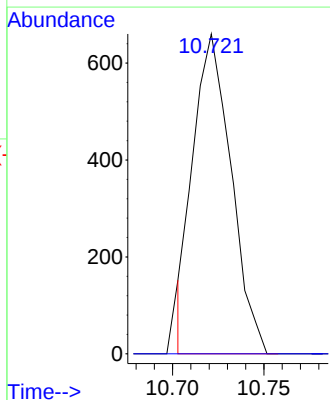
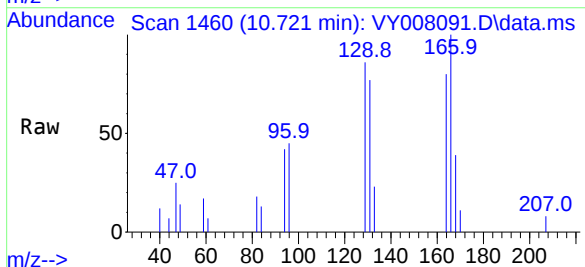
Instrument :
MSVOA_Y
ClientSampleId :

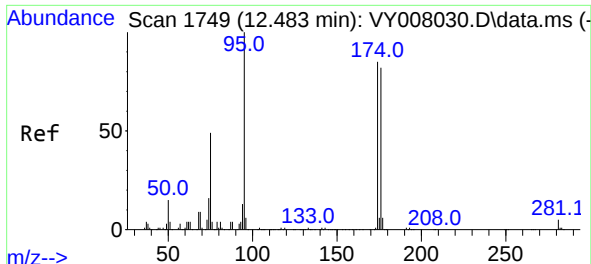
Tgt Ion: 98 Resp: 90515
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#60
Dibromochloromethane
Concen: 1.748 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.262 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion: 129 Resp: 954
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#

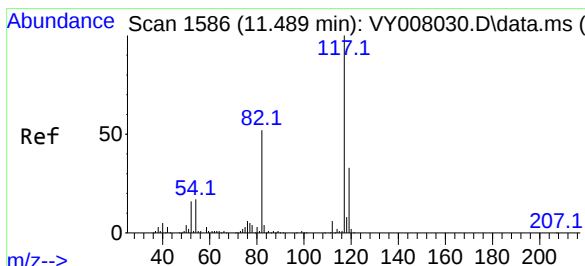
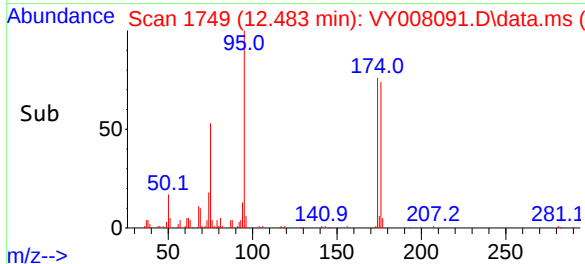
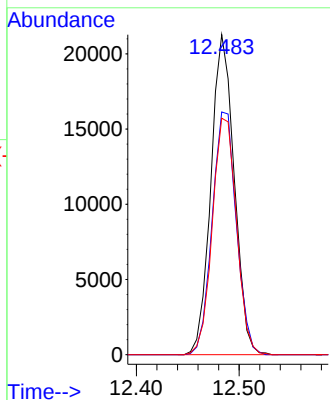
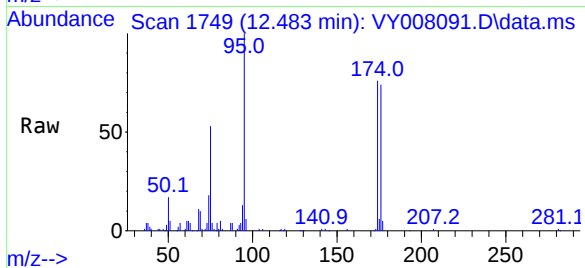




#62
4-Bromofluorobenzene
Concen: 53.834 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

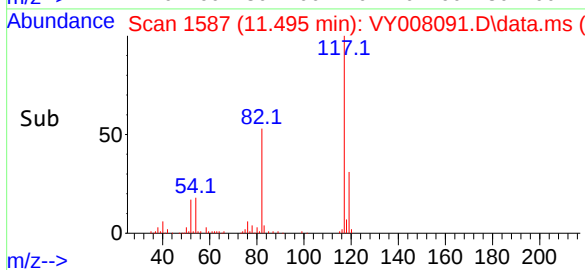
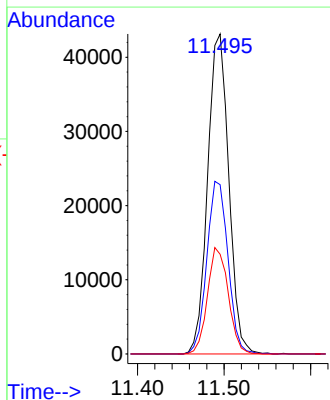
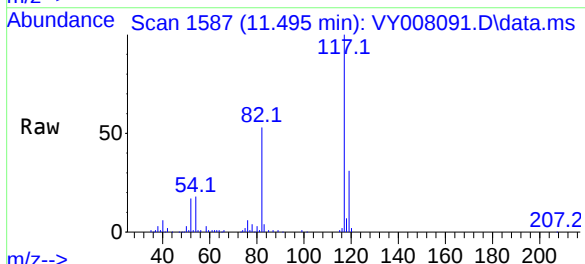
Instrument :
MSVOA_Y
ClientSampleId :

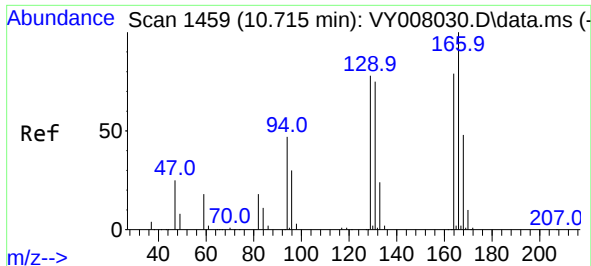
Tgt Ion: 95 Resp: 33404
Ion Ratio Lower Upper
95 100
174 78.7 0.0 177.0
176 76.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

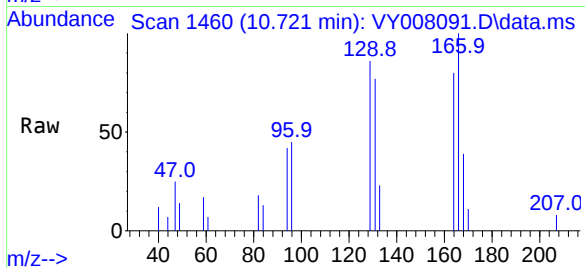
Tgt Ion: 117 Resp: 73168
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.2 25.4 38.0



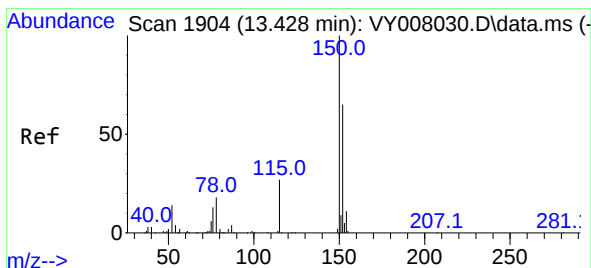
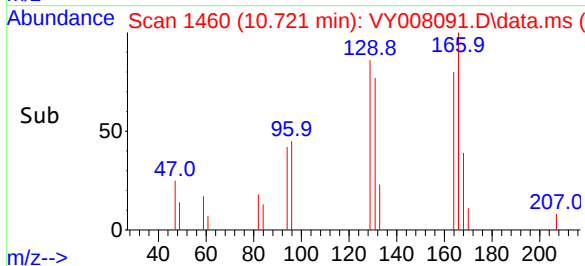
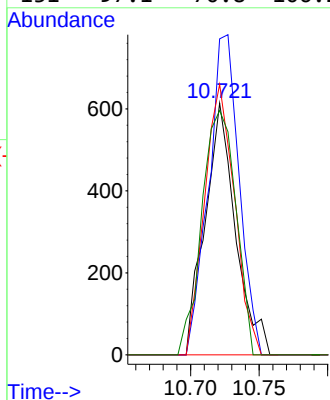


#64
Tetrachloroethene
Concen: 1.689 ug/l
RT: 10.721 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :

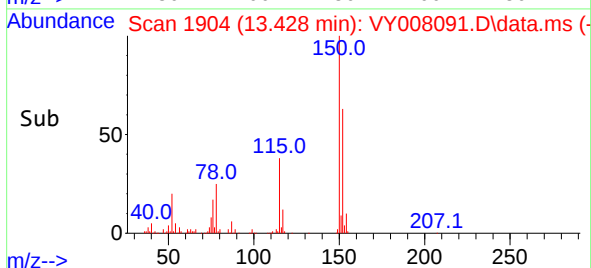
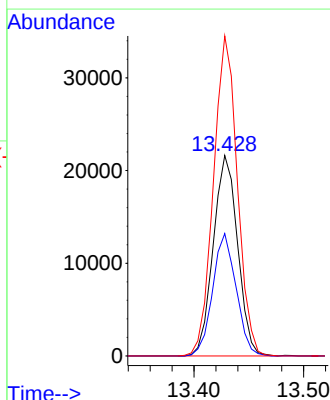
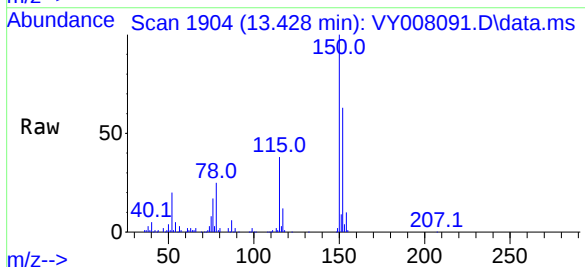


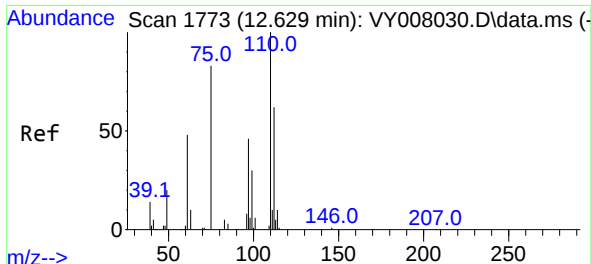
Tgt Ion:164 Resp: 949
Ion Ratio Lower Upper
164 100
166 125.6 100.4 150.6
129 107.5 71.4 107.0#
131 97.1 70.8 106.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Tgt Ion:152 Resp: 33377
Ion Ratio Lower Upper
152 100
115 58.9 28.2 84.7
150 156.6 0.0 347.6

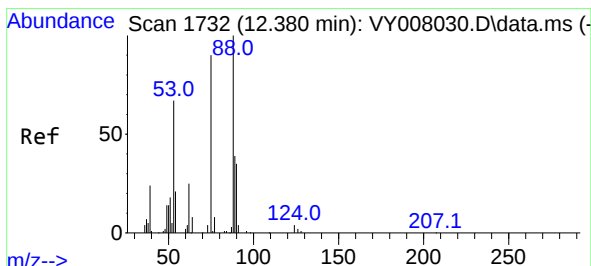
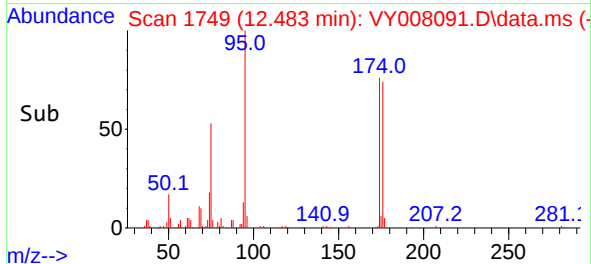
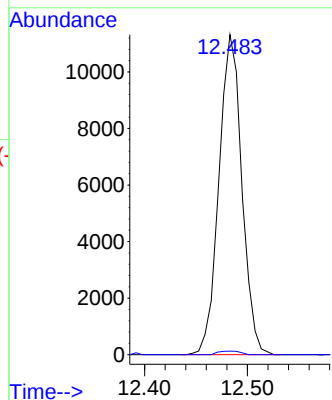
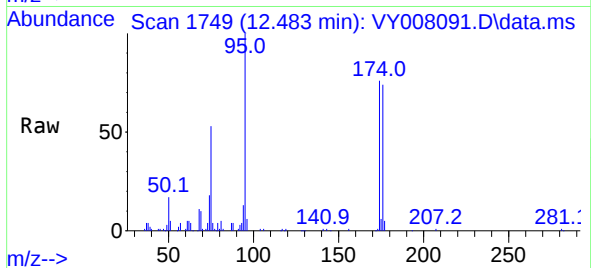




#76
1,2,3-Trichloropropane
Concen: 43.046 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

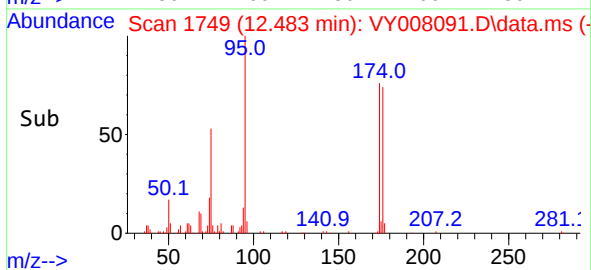
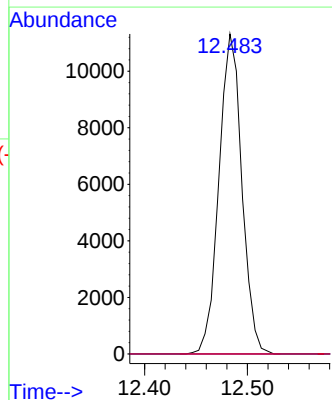
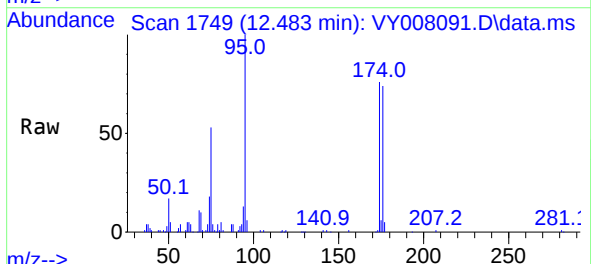
Instrument :
MSVOA_Y
ClientSampleId :

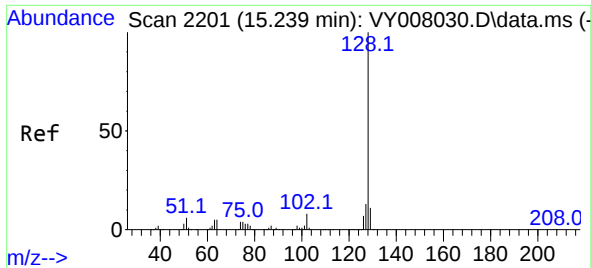
Tgt Ion: 75 Resp: 17514
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.042 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

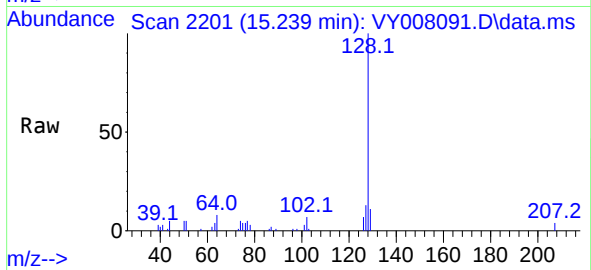
Tgt Ion: 75 Resp: 17514
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#95
Naphthalene
Concen: 6.280 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008091.D
Acq: 29 Mar 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 9172
Ion Ratio Lower Upper
128 100
127 13.0 11.0 16.4
129 10.8 8.4 12.6

