

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092022\
 Data File : VY010577.D
 Acq On : 20 Sep 2022 15:47
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 01:21:01 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)

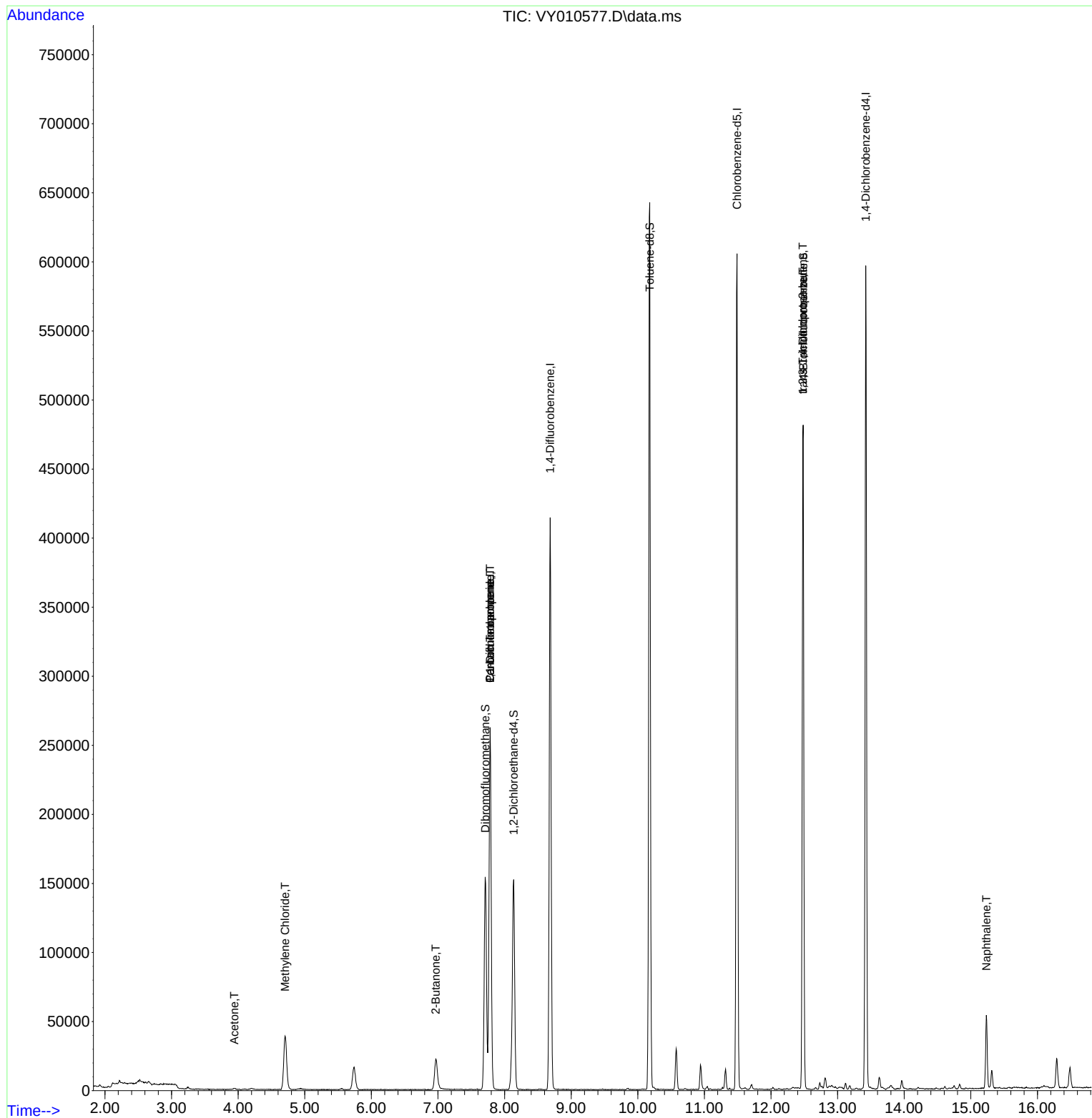
Internal Standards						
1) Pentafluorobenzene	7.783	168	205167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	355904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	152487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	113709	57.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.880%
35) Dibromofluoromethane	7.710	113	110031	48.442	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.880%
50) Toluene-d8	10.179	98	422589	50.320	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.640%
62) 4-Bromofluorobenzene	12.483	95	145356	46.466	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.940%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	160	Below Cal	#	43
3) Chloromethane	2.107	50	708	Below Cal	#	89
4) Vinyl Chloride	2.253	62	62	Below Cal	#	43
5) Bromomethane	2.656	94	447	Below Cal	#	74
11) Tert butyl alcohol	4.942	59	1251	Below Cal	#	77
16) Acetone	3.942	43	1357	3.391 ug/l	#	77
17) Carbon Disulfide	4.192	76	57	Below Cal	#	75
18) Methyl Acetate	4.479	43	204	Below Cal	#	56
20) Methylene Chloride	4.704	84	30687	3.339 ug/l		85
25) 2-Butanone	6.966	43	1189	1.900 ug/l	#	54
31) Cyclohexane	7.783	56	4053	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	15364	6.071 ug/l	#	51
38) Carbon Tetrachloride	7.783	117	20271	6.966 ug/l	#	15
76) 1,2,3-Trichloropropane	12.477	75	74467	51.167 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74467	113.765 ug/l	#	7
95) Naphthalene	15.233	128	45761	9.183 ug/l		98

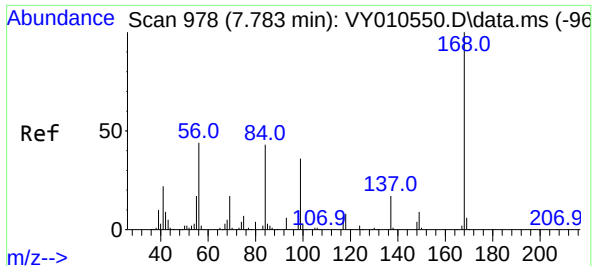
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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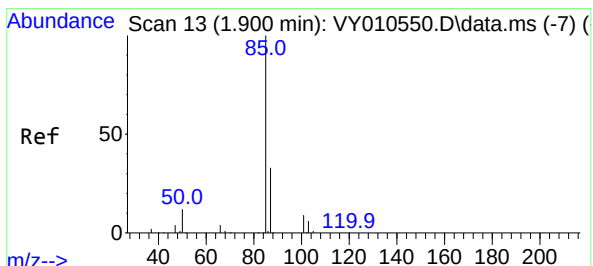
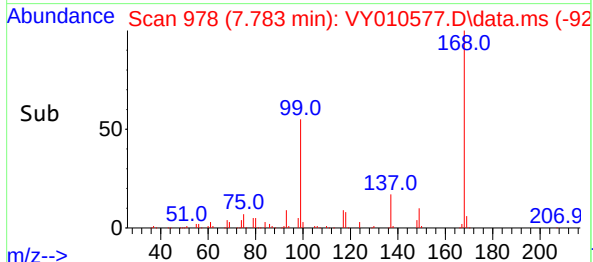
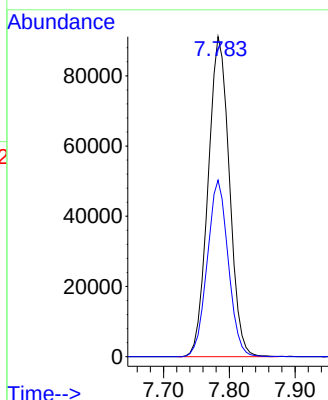
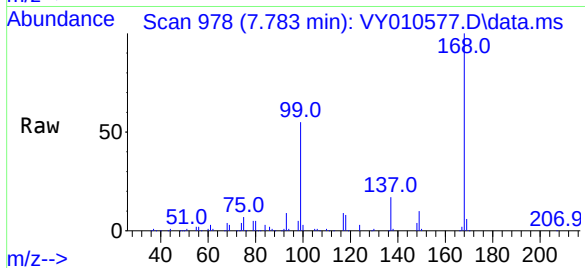




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

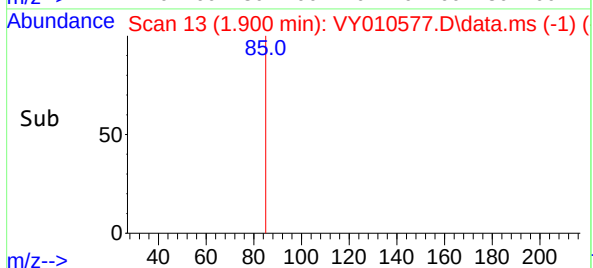
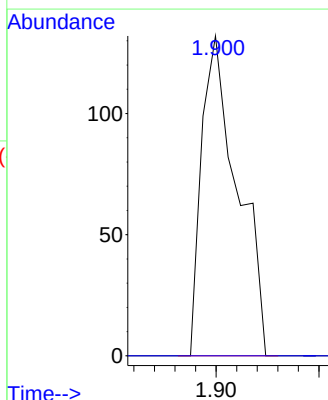
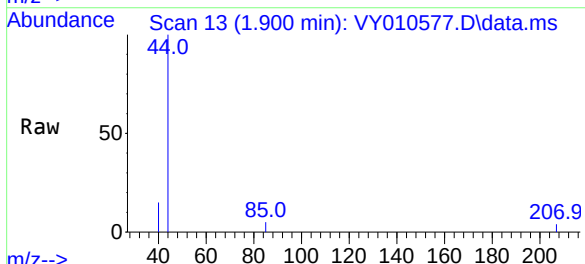
Instrument :
MSVOA_Y
ClientSampleId :

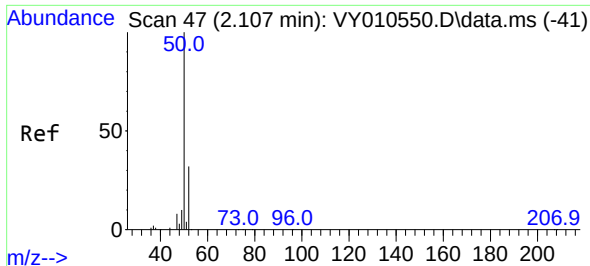
Tgt Ion:168 Resp: 205167
Ion Ratio Lower Upper
168 100
99 55.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

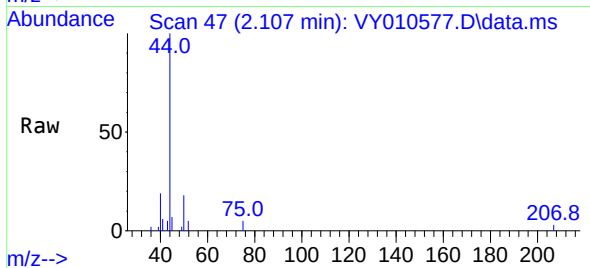
Tgt Ion: 85 Resp: 160
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



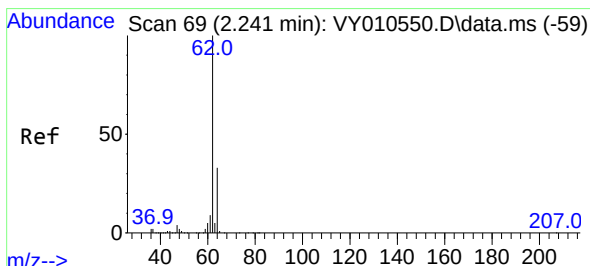
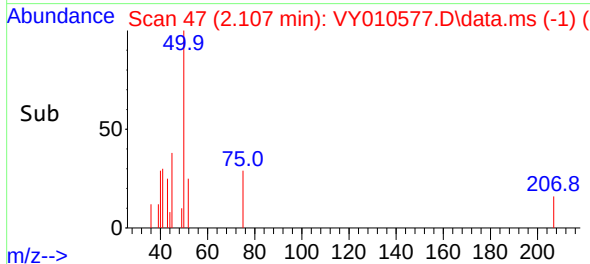
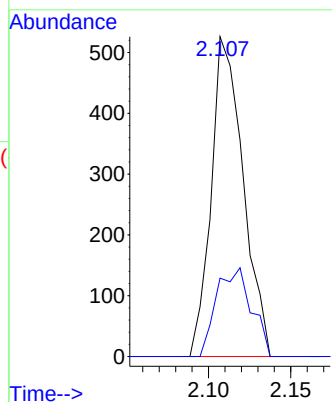


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :

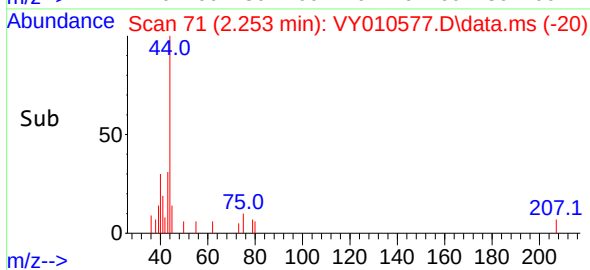
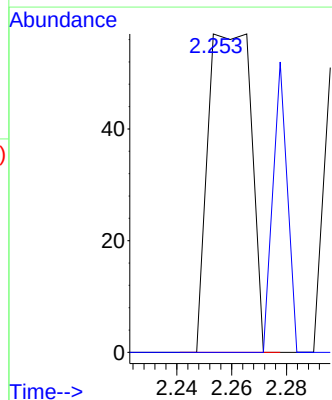
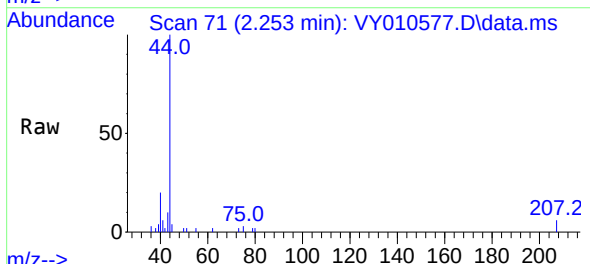


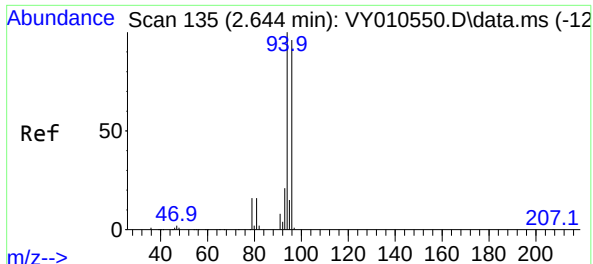
Tgt Ion: 50 Resp: 708
Ion Ratio Lower Upper
50 100
52 24.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

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

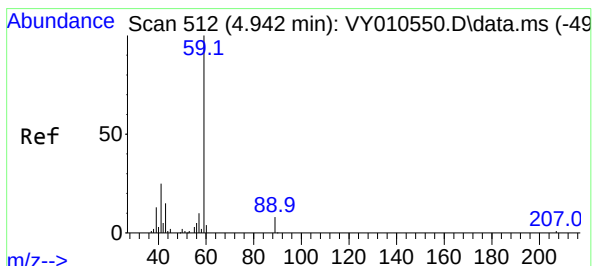
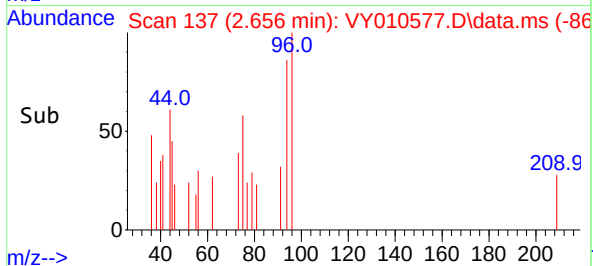
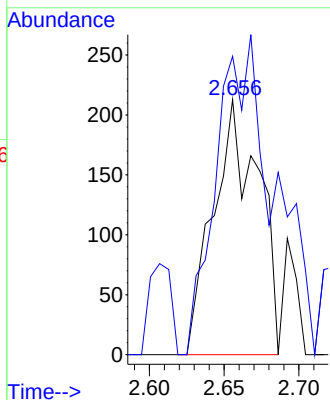
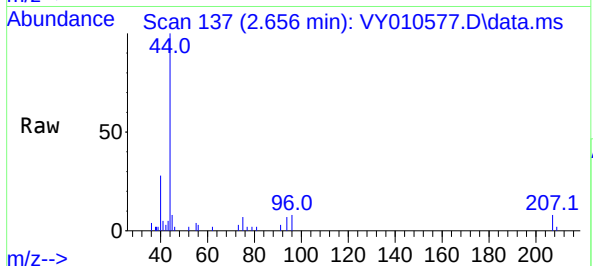




#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

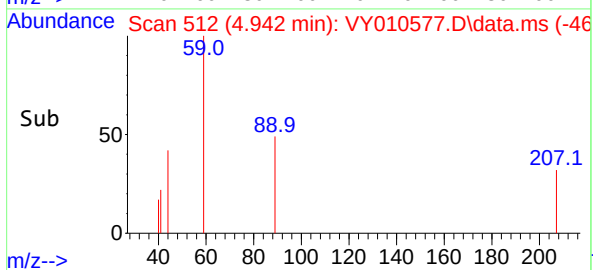
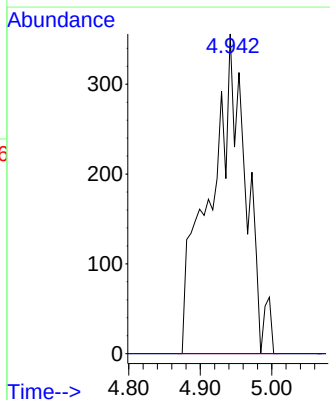
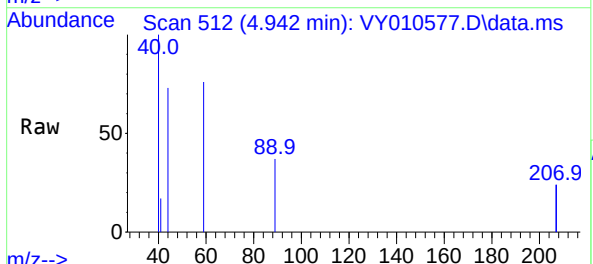
Instrument :
MSVOA_Y
ClientSampleId :

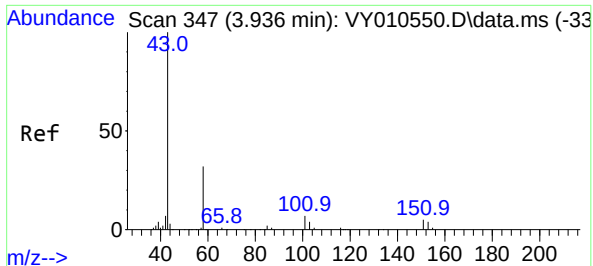
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 116.9 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Tgt Ion: 59 Resp: 1251
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

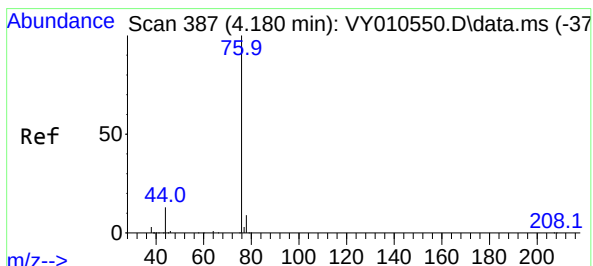
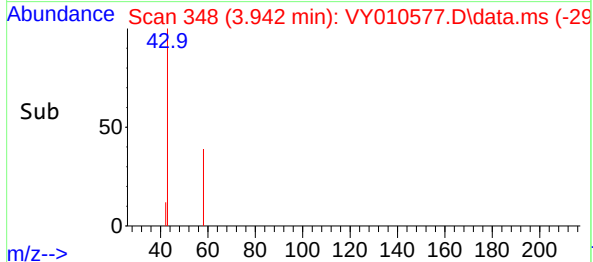
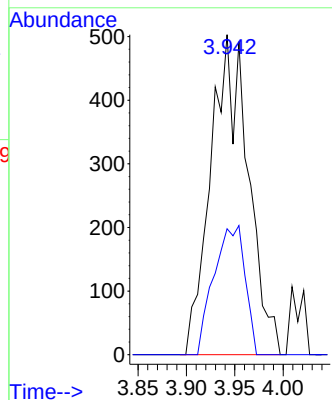
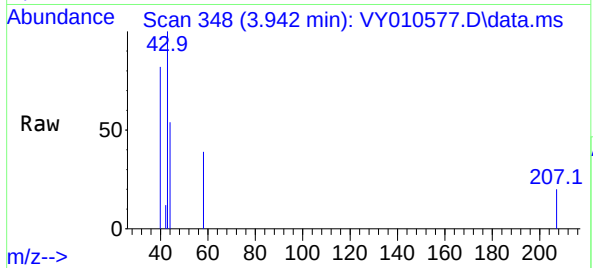




#16
Acetone
Concen: 3.391 ug/l
RT: 3.942 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

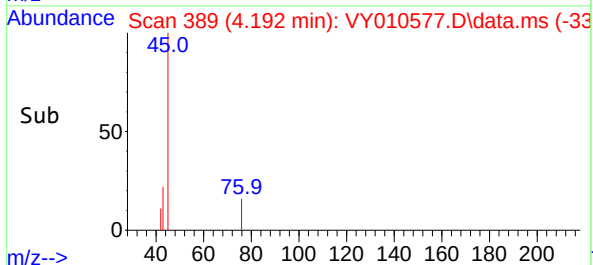
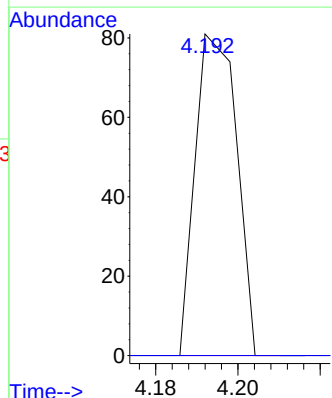
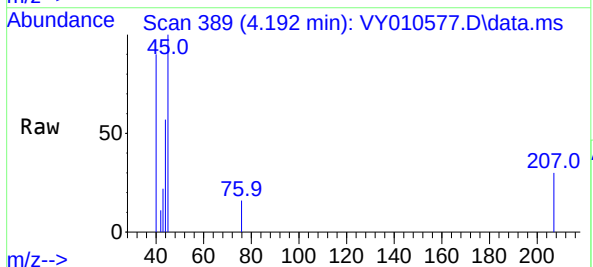
Instrument :
MSVOA_Y
ClientSampleId :

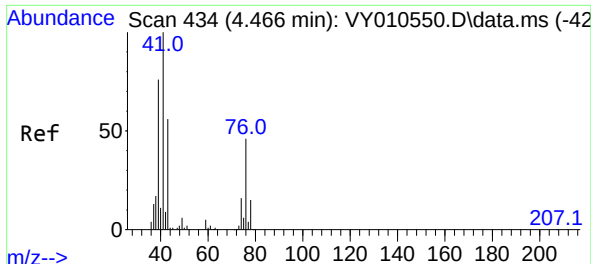
Tgt Ion: 43 Resp: 1357
Ion Ratio Lower Upper
43 100
58 39.4 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.012 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Tgt Ion: 76 Resp: 57
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#

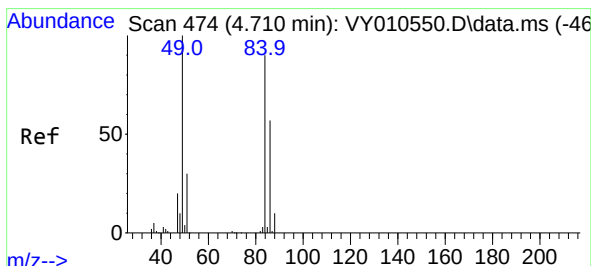
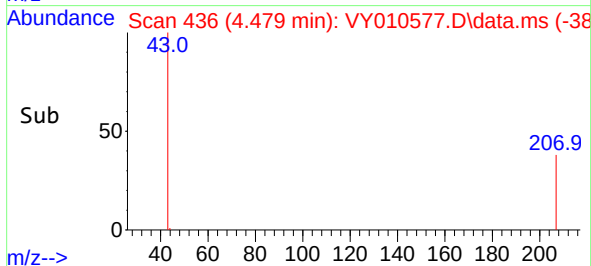
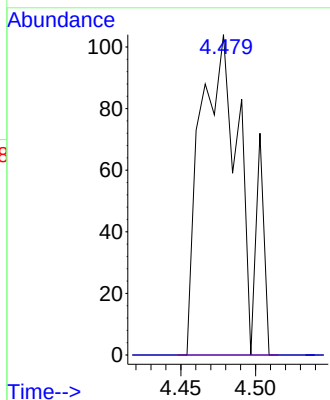
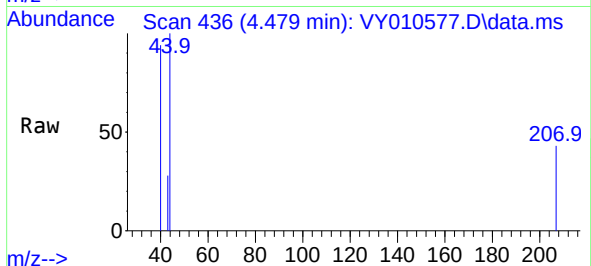




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. 0.013 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

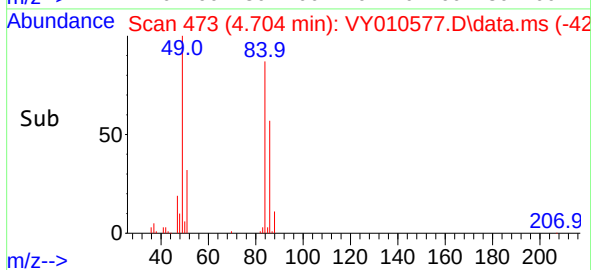
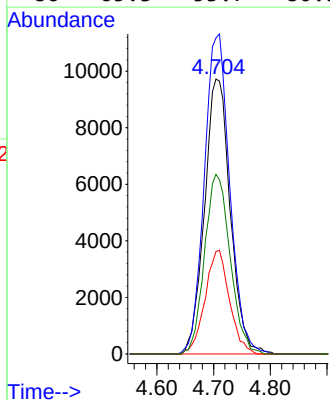
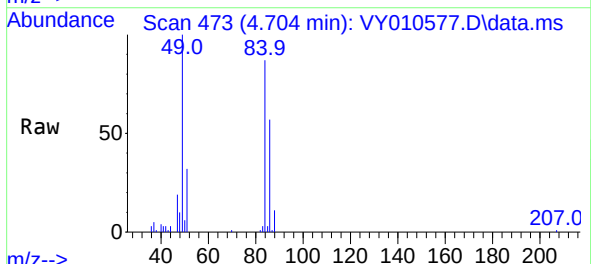
Instrument :
MSVOA_Y
ClientSampleId :

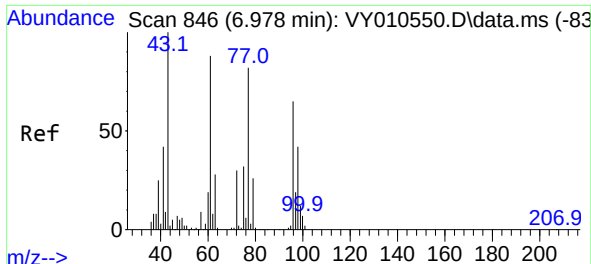
Tgt Ion: 43 Resp: 204
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 3.339 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Tgt Ion: 84 Resp: 30687
Ion Ratio Lower Upper
84 100
49 114.9 114.4 171.6
51 37.3 35.3 52.9
86 65.3 53.7 80.5





#25

2-Butanone

Concen: 1.900 ug/l

RT: 6.966 min Scan# 84

Delta R.T. -0.012 min

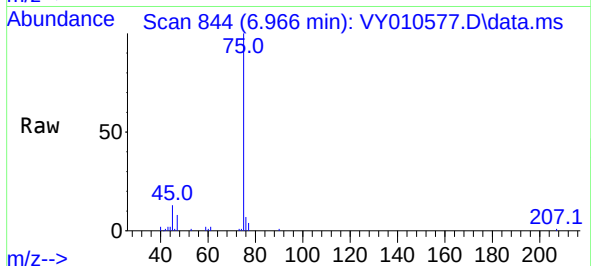
Lab File: VY010577.D

Acq: 20 Sep 2022 15:47

Instrument :

MSVOA_Y

ClientSampleId :

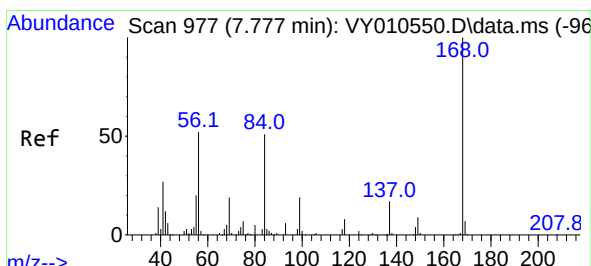
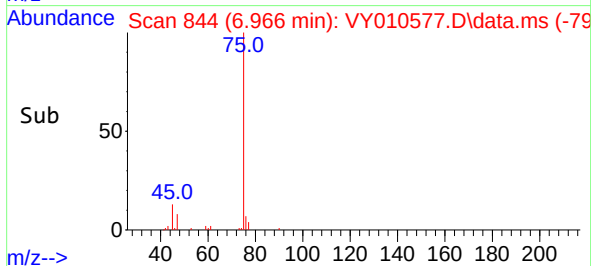
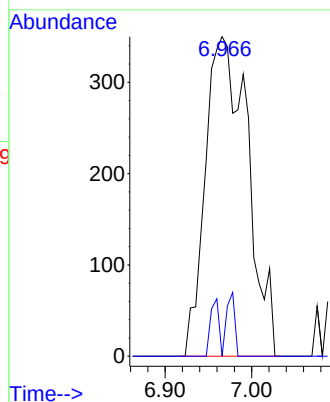


Tgt Ion: 43 Resp: 1189

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: Below Cal

RT: 7.783 min Scan# 978

Delta R.T. 0.006 min

Lab File: VY010577.D

Acq: 20 Sep 2022 15:47

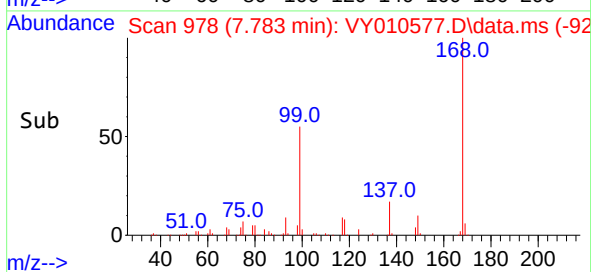
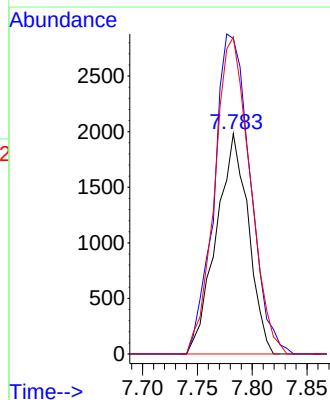
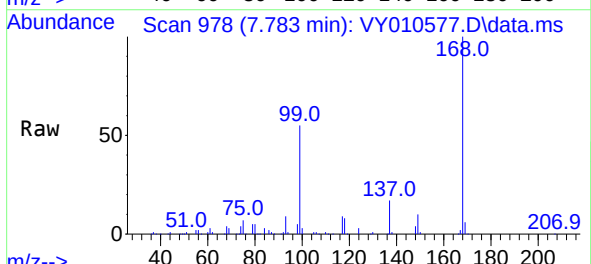
Tgt Ion: 56 Resp: 4053

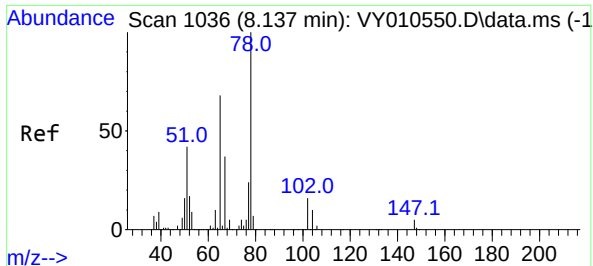
Ion Ratio Lower Upper

56 100

69 143.1 26.7 40.1#

84 143.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 57.945 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. -0.001 min

Lab File: VY010577.D

Acq: 20 Sep 2022 15:47

Instrument :

MSVOA_Y

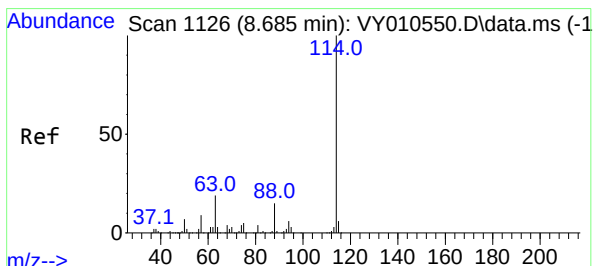
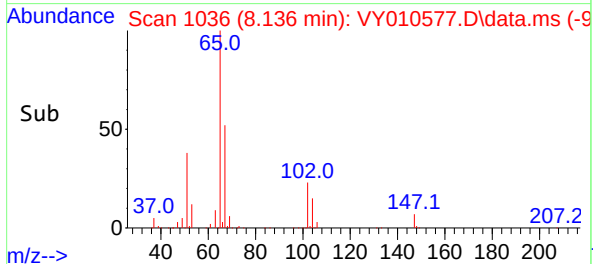
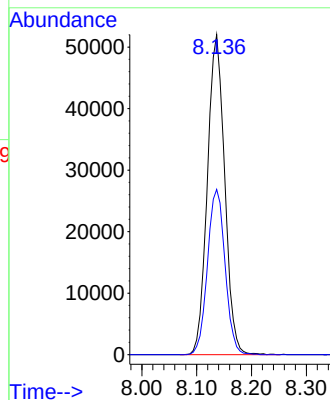
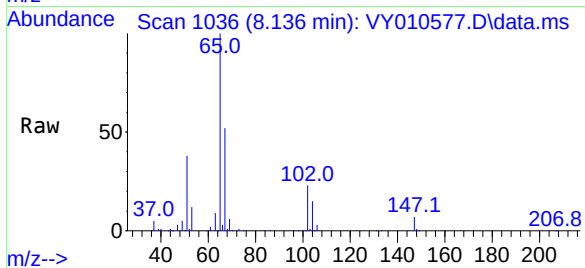
ClientSampleId :

Tgt Ion: 65 Resp: 113709

Ion Ratio Lower Upper

65 100

67 52.5 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: VY010577.D

Acq: 20 Sep 2022 15:47

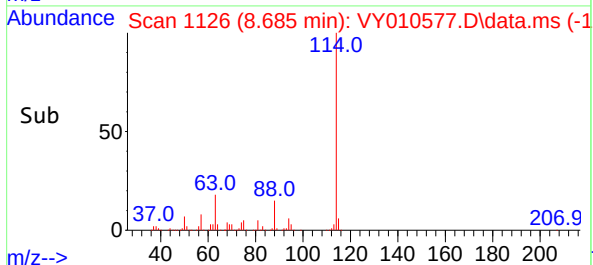
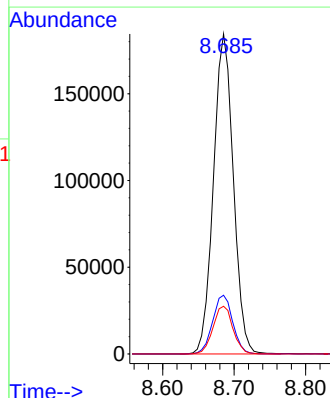
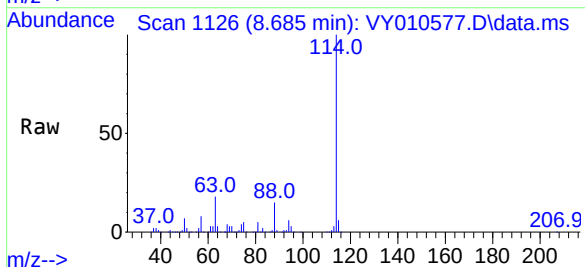
Tgt Ion:114 Resp: 355904

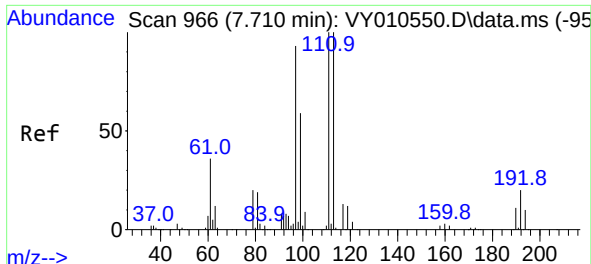
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

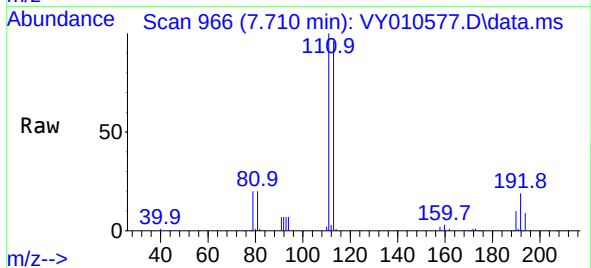
88 14.9 0.0 31.8



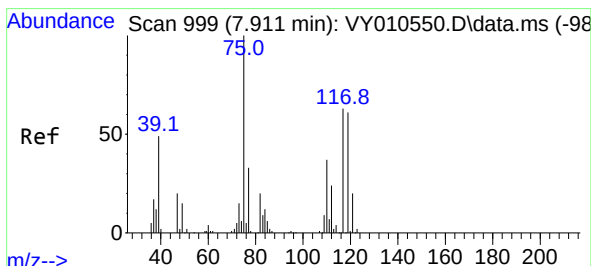
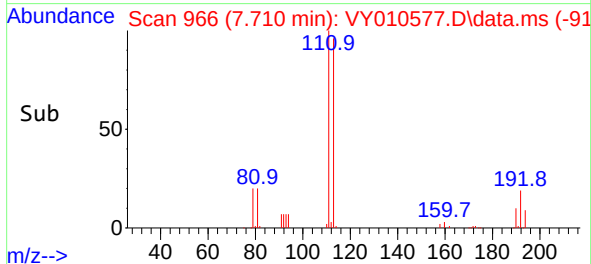
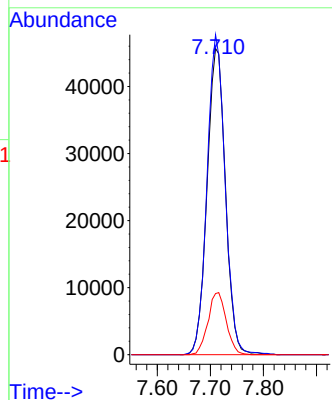


#35
Dibromofluoromethane
Concen: 48.442 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :

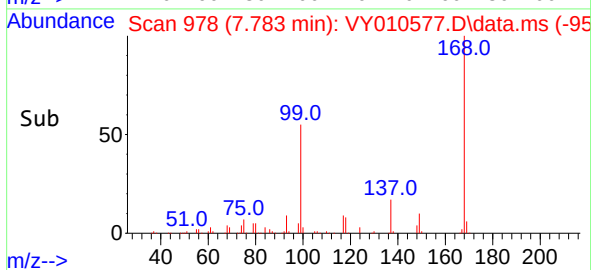
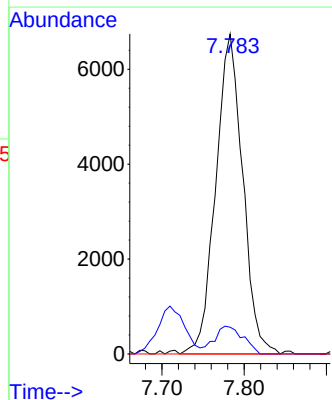
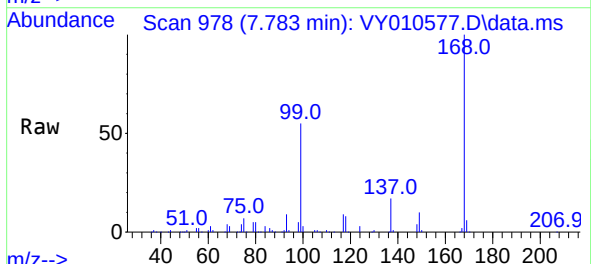


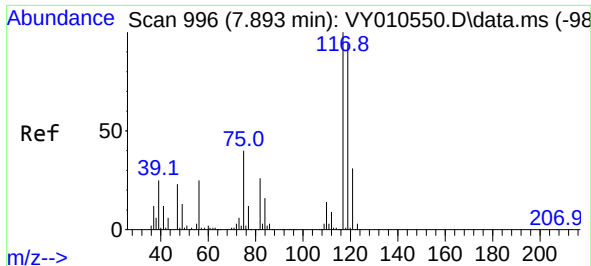
Tgt Ion:113 Resp: 110031
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 20.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 6.071 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

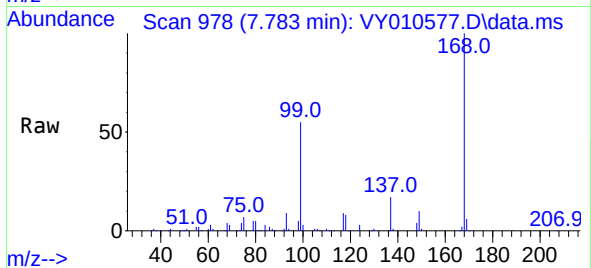
Tgt Ion: 75 Resp: 15364
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



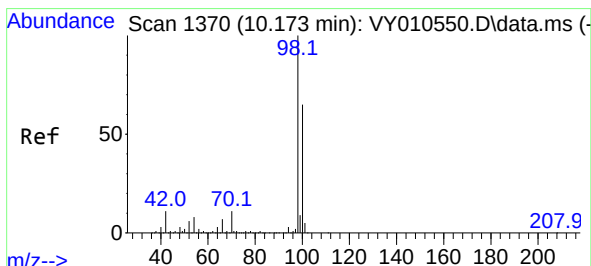
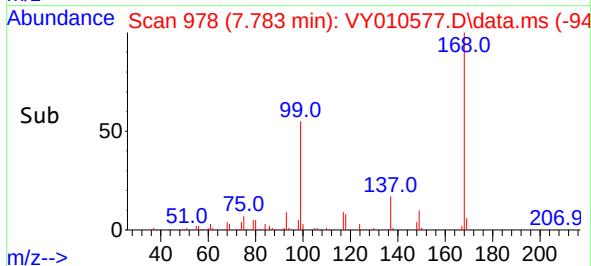
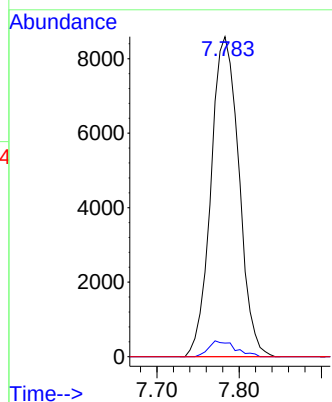


#38
Carbon Tetrachloride
Concen: 6.966 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :

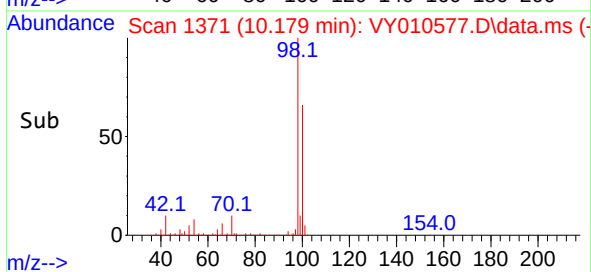
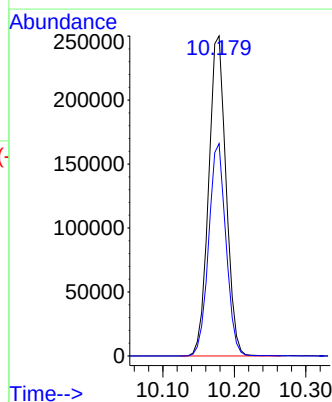
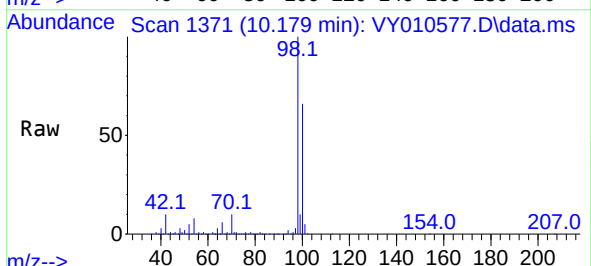


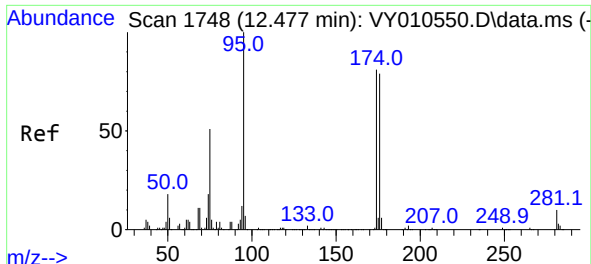
Tgt Ion:117 Resp: 20271
Ion Ratio Lower Upper
117 100
119 4.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.320 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Tgt Ion: 98 Resp: 422589
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2

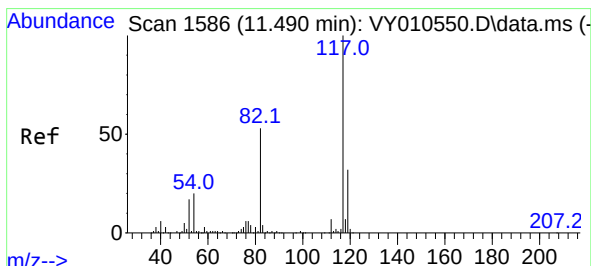
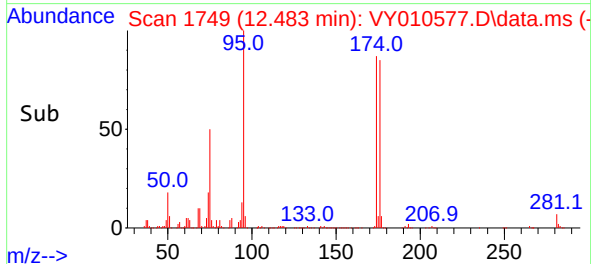
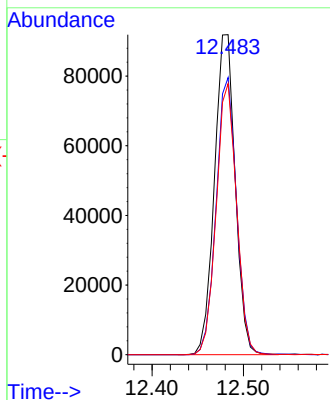
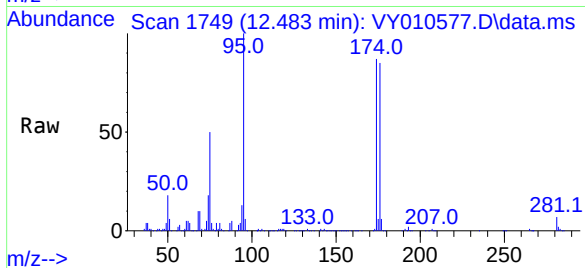




#62
4-Bromofluorobenzene
Concen: 46.466 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

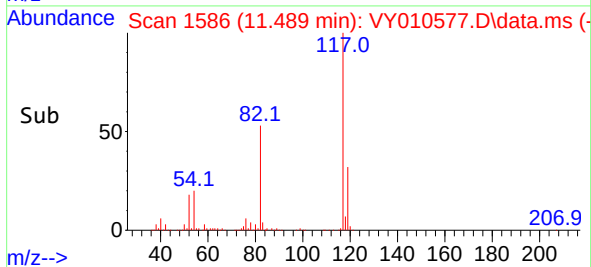
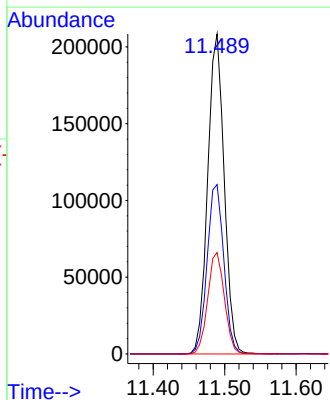
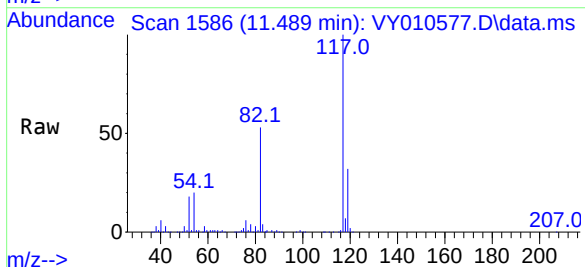
Instrument :
MSVOA_Y
ClientSampleId :

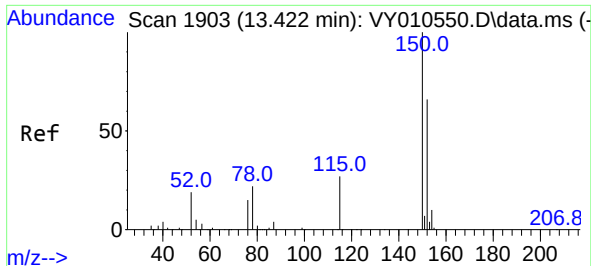
Tgt Ion: 95 Resp: 145356
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

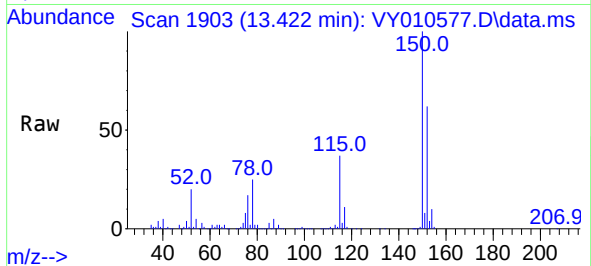
Tgt Ion: 117 Resp: 333509
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.7 25.4 38.0



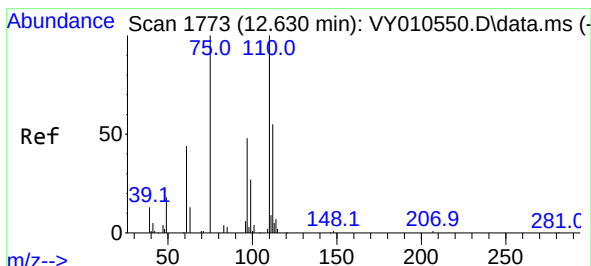
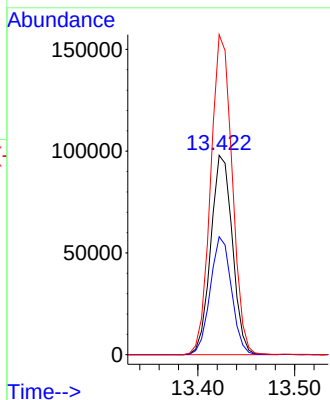
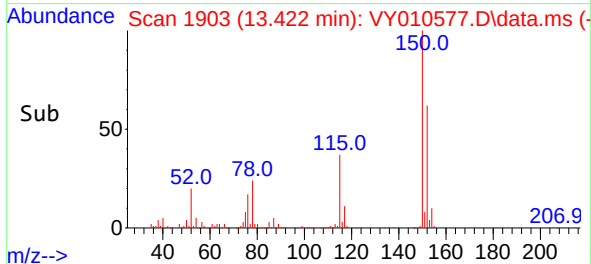


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

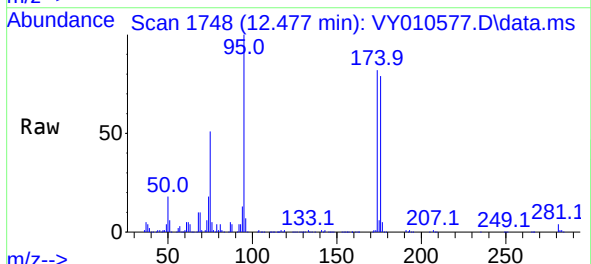
Instrument :
MSVOA_Y
ClientSampleId :



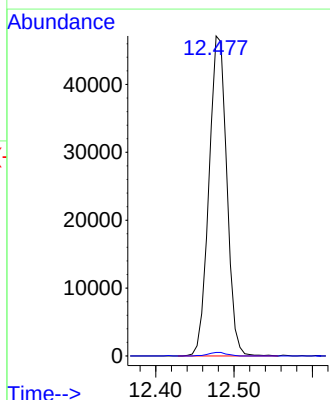
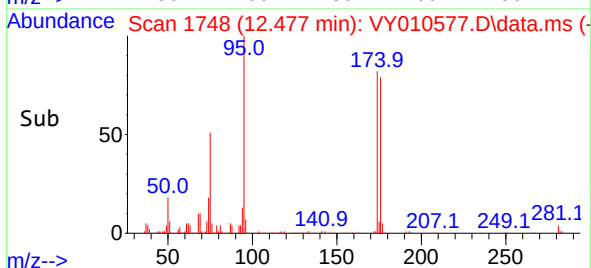
Tgt Ion:152 Resp: 152487
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 159.5 0.0 347.6

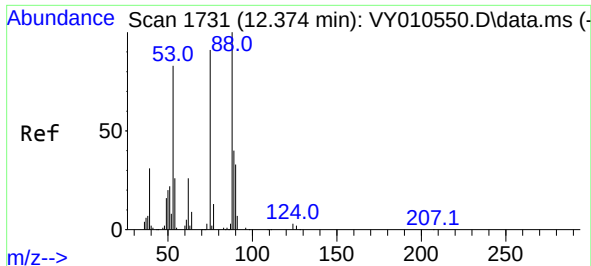


#76
1,2,3-Trichloropropane
Concen: 51.167 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47



Tgt Ion: 75 Resp: 74467
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#

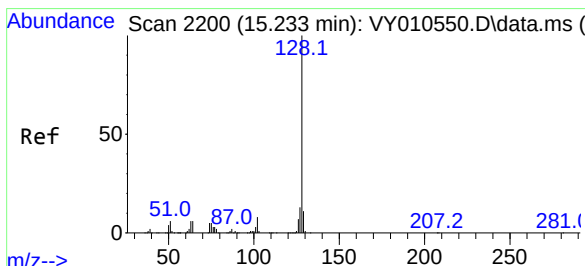
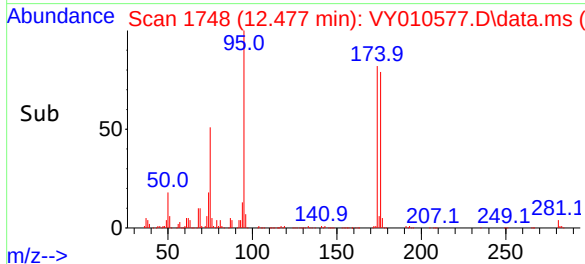
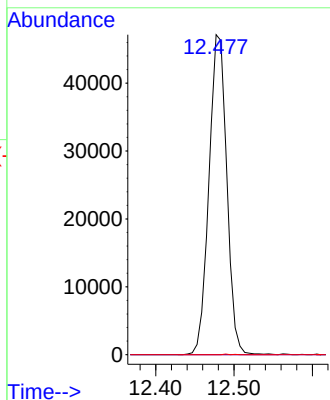
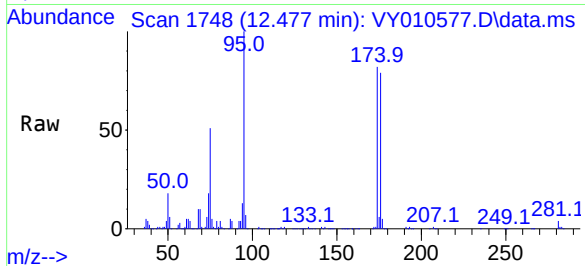




#81
trans-1,4-Dichloro-2-butene
Concen: 113.765 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 74467
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 9.183 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY010577.D
Acq: 20 Sep 2022 15:47

Tgt Ion:128 Resp: 45761
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 10.7 8.4 12.6

