

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082522\
 Data File : VY010200.D
 Acq On : 25 Aug 2022 11:53
 Operator : KP/MD
 Sample : VY0825SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBL01

Quant Time: Aug 26 06:45:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082422S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:12:05 2022
 Response via : Initial Calibration

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

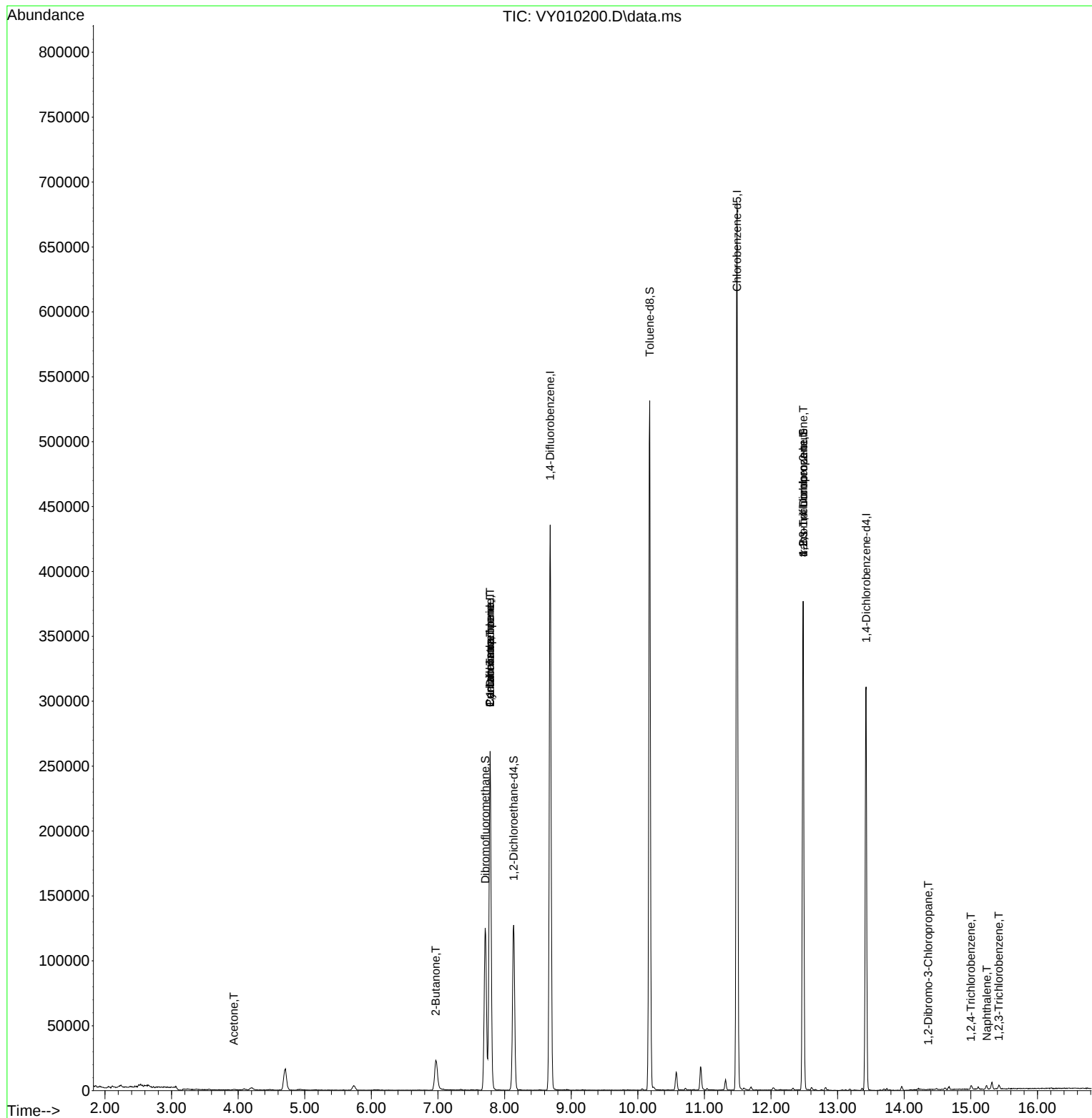
Internal Standards						
1) Pentafluorobenzene	7.783	168	201258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	374329	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	370943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	81990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95133	56.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 113.460%	
35) Dibromofluoromethane	7.710	113	90917	37.044	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 74.080%	
50) Toluene-d8	10.179	98	342820	40.250	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 80.500%	
62) 4-Bromofluorobenzene	12.483	95	108974	33.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 66.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	22	Below Cal	#	43
11) Tert butyl alcohol	4.936	59	1148	Below Cal	#	77
16) Acetone	3.936	43	1135	2.077	ug/l #	85
18) Methyl Acetate	4.485	43	910	Below Cal	#	60
20) Methylene Chloride	4.710	84	12041	Below Cal	#	80
25) 2-Butanone	6.966	43	1414	1.559	ug/l #	79
31) Cyclohexane	7.783	56	3940	1.148	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14920	4.133	ug/l #	50
38) Carbon Tetrachloride	7.783	117	19072	4.988	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54665	60.536	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54665	128.715	ug/l #	7
92) 1,2-Dibromo-3-Chloropr...	14.361	75	19	3.317	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.001	180	1086	5.227	ug/l	97
95) Naphthalene	15.239	128	2656	6.667	ug/l	95
96) 1,2,3-Trichlorobenzene	15.422	180	1103	5.369	ug/l	95

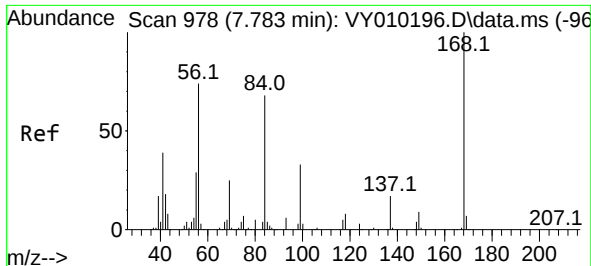
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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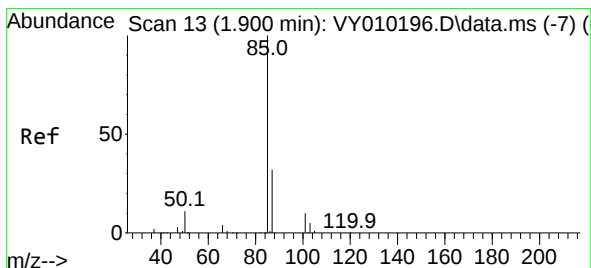
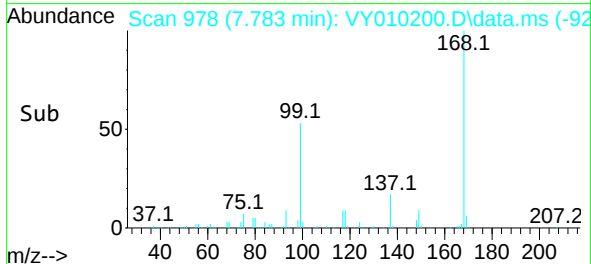
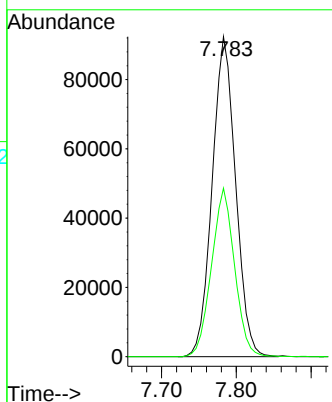
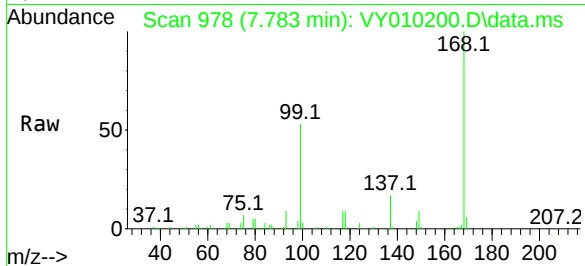




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

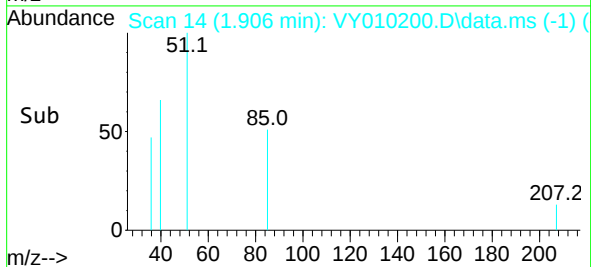
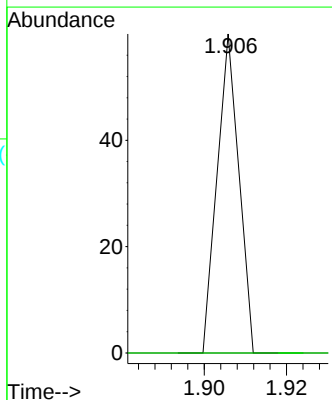
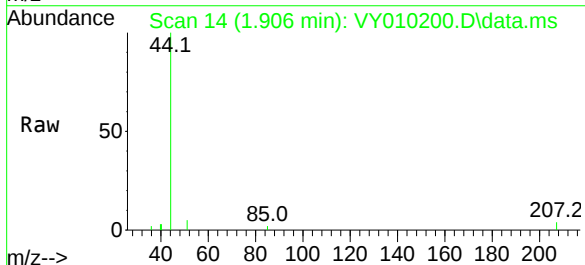
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

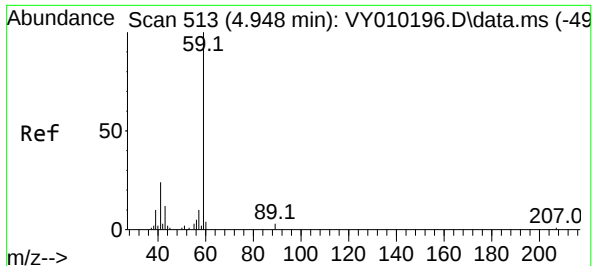
Tgt Ion:168 Resp: 201258
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

Tgt Ion: 85 Resp: 22
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

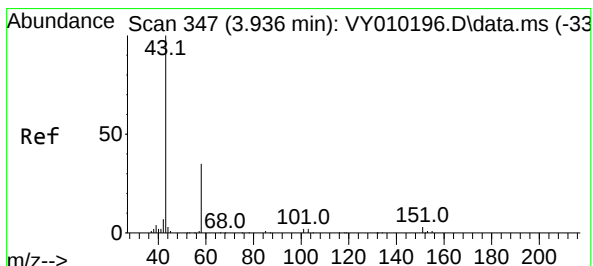
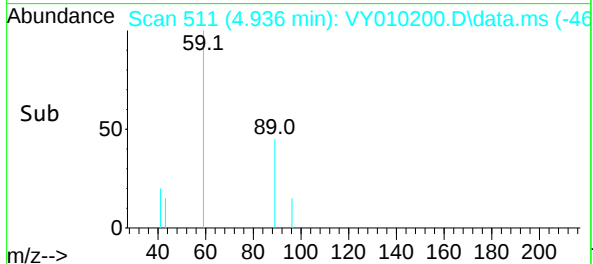
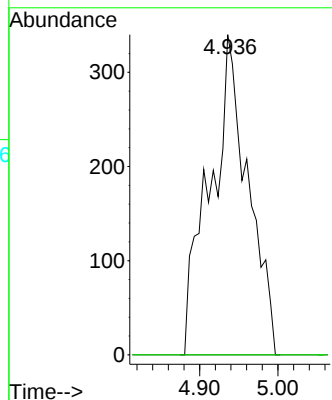
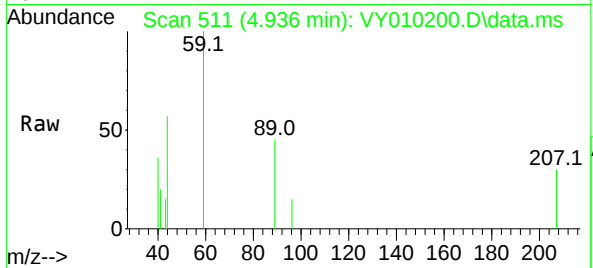




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

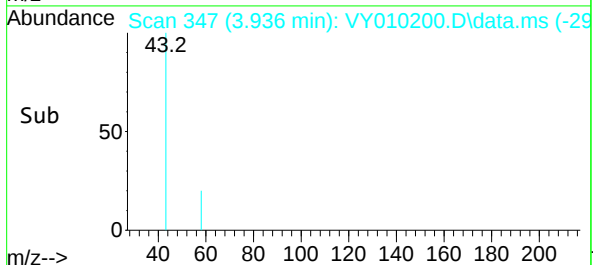
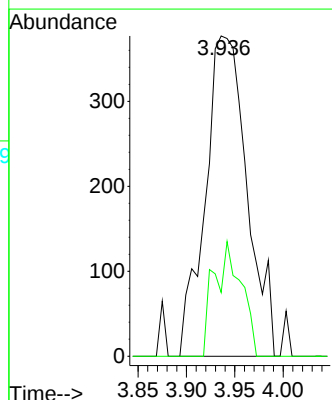
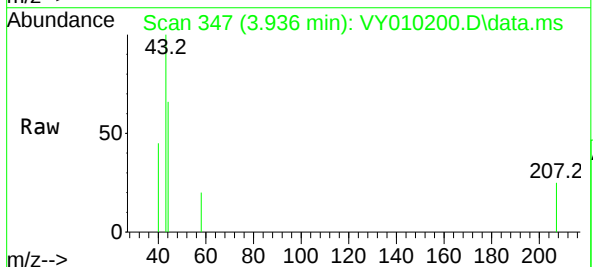
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

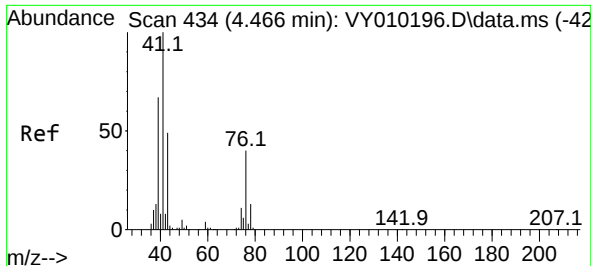
Tgt Ion: 59 Resp: 1148
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 2.077 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

Tgt Ion: 43 Resp: 1135
Ion Ratio Lower Upper
43 100
58 19.9 22.0 33.0#

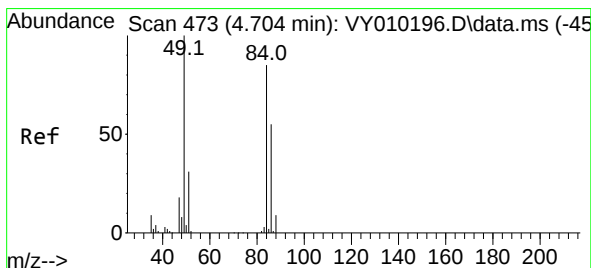
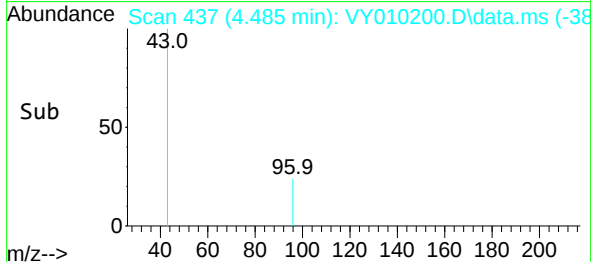
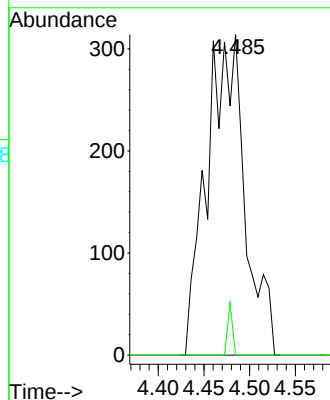
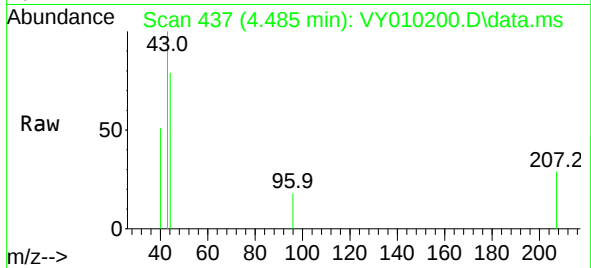




#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 41
Delta R.T. 0.019 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

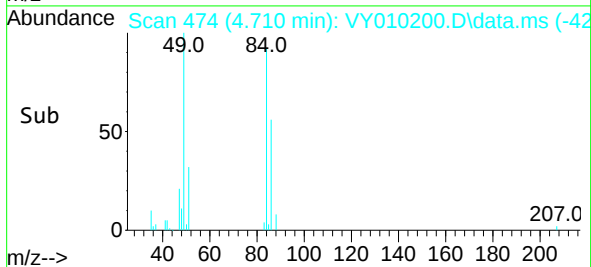
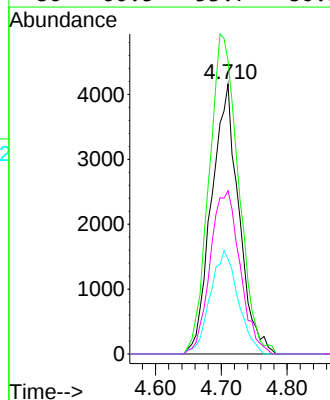
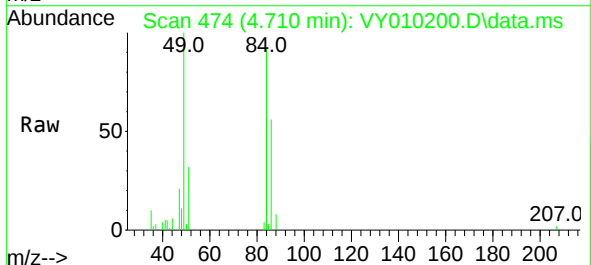
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

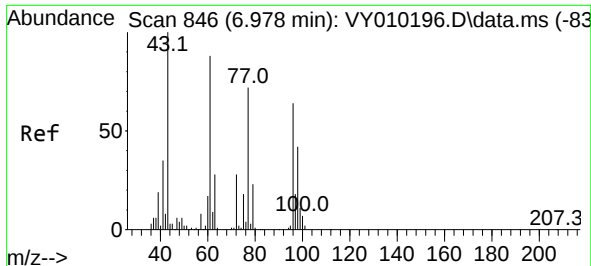
Tgt Ion: 43 Resp: 910
Ion Ratio Lower Upper
43 100
74 2.1 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

Tgt Ion: 84 Resp: 12041
Ion Ratio Lower Upper
84 100
49 108.6 114.4 171.6#
51 35.2 35.3 52.9#
86 60.5 53.7 80.5





#25

2-Butanone

Concen: 1.559 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY010200.D

Acq: 25 Aug 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

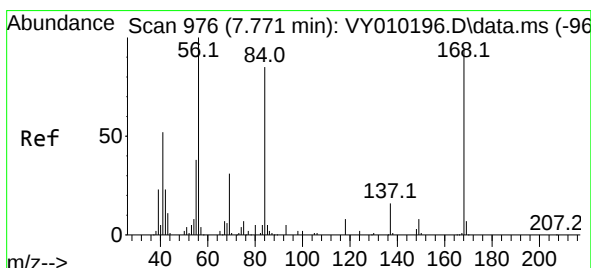
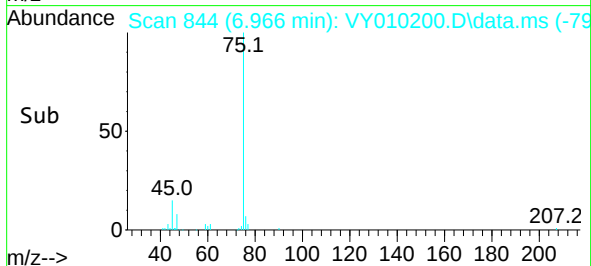
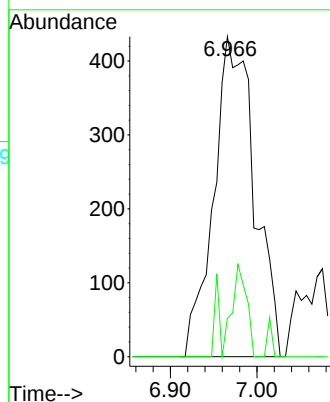
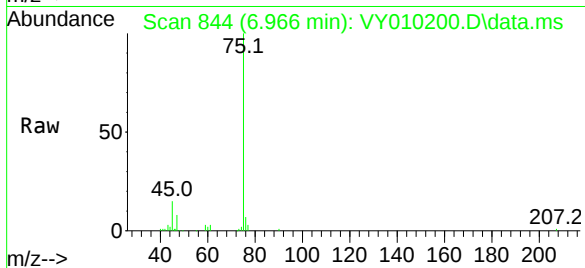
VY0825SBL01

Tgt Ion: 43 Resp: 1414

Ion Ratio Lower Upper

43 100

72 12.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.148 ug/l

RT: 7.783 min Scan# 978

Delta R.T. 0.012 min

Lab File: VY010200.D

Acq: 25 Aug 2022 11:53

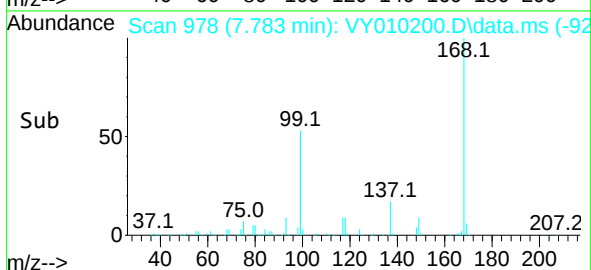
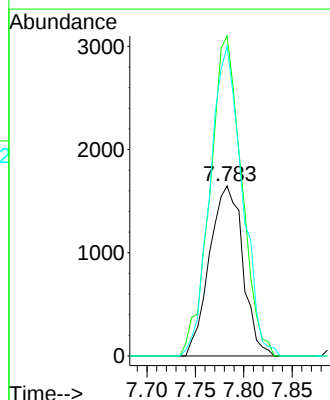
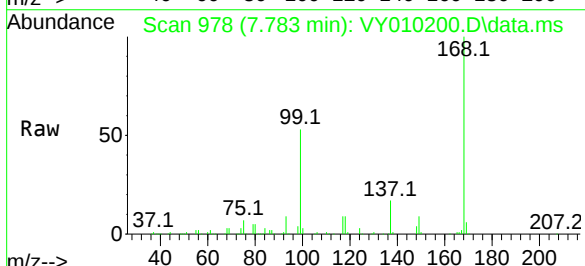
Tgt Ion: 56 Resp: 3940

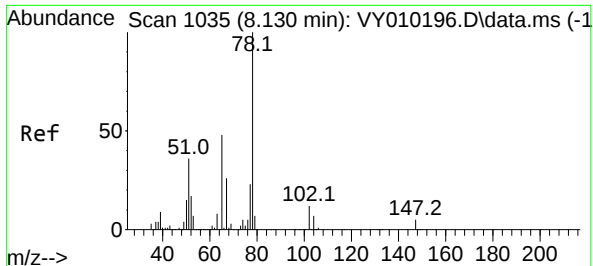
Ion Ratio Lower Upper

56 100

69 188.4 26.7 40.1#

84 182.1 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.726 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010200.D

Acq: 25 Aug 2022 11:53

Instrument :

MSVOA_Y

ClientSampleId :

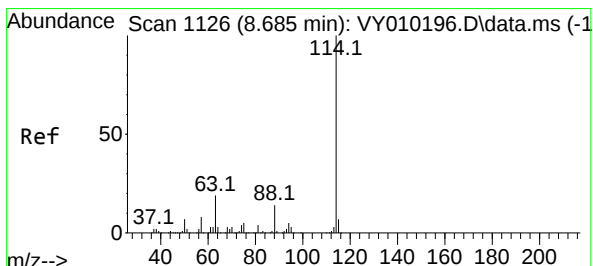
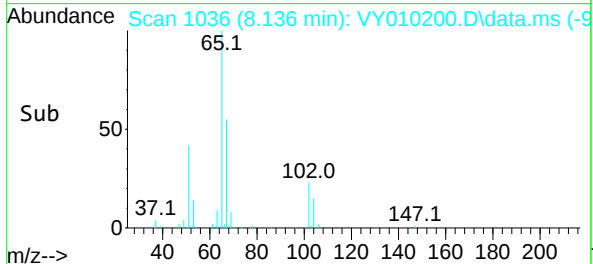
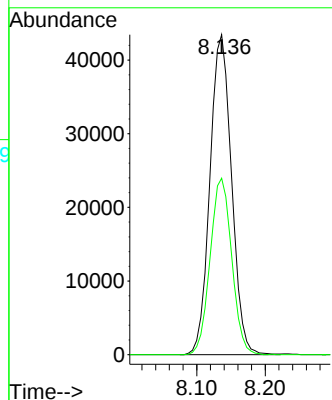
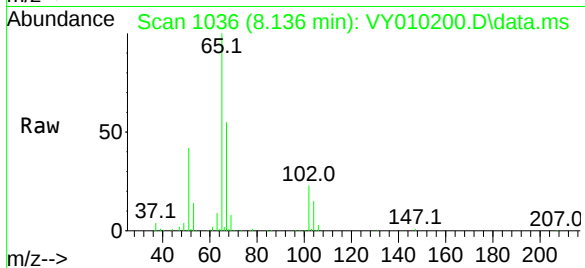
VY0825SBL01

Tgt Ion: 65 Resp: 95133

Ion Ratio Lower Upper

65 100

67 55.1 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: VY010200.D

Acq: 25 Aug 2022 11:53

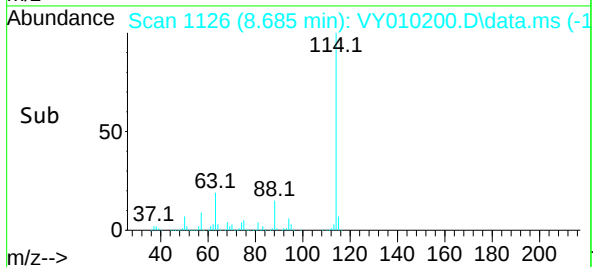
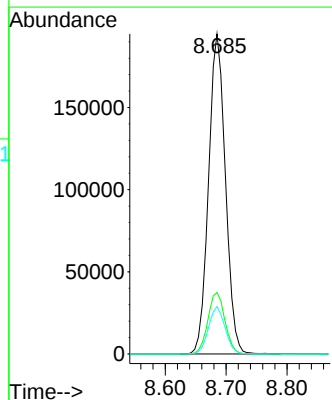
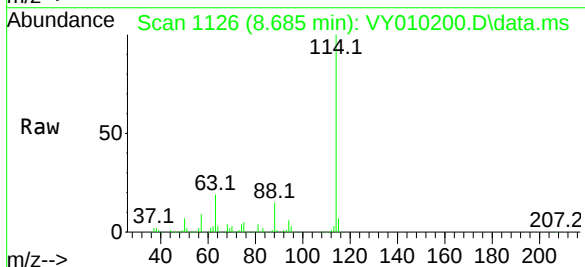
Tgt Ion: 114 Resp: 374329

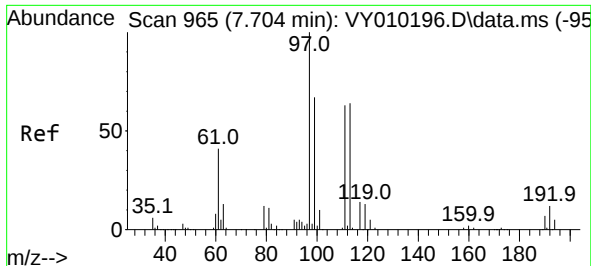
Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 14.8 0.0 31.8

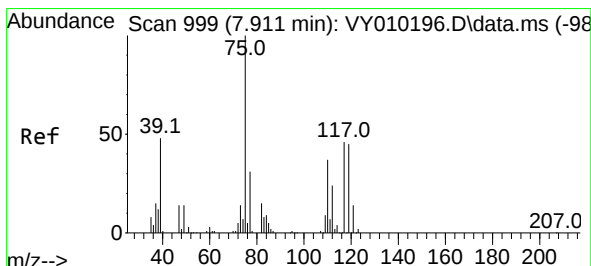
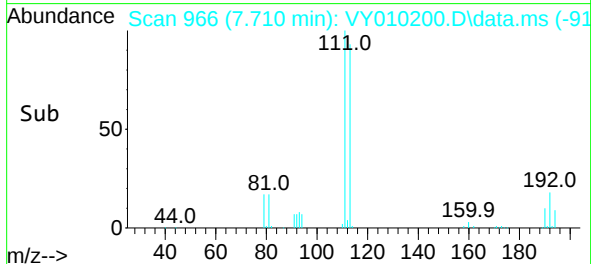
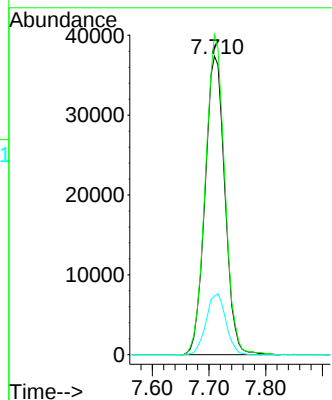
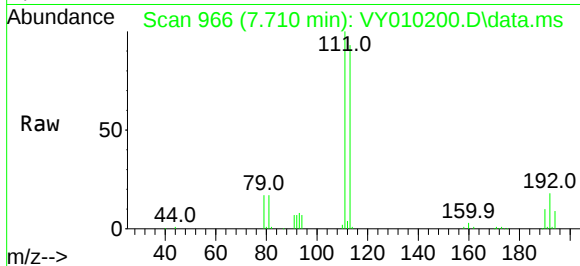




#35
Dibromofluoromethane
Concen: 37.044 ug/l
RT: 7.710 min Scan# 909
Delta R.T. 0.006 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

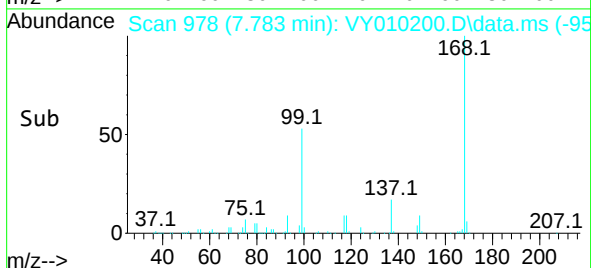
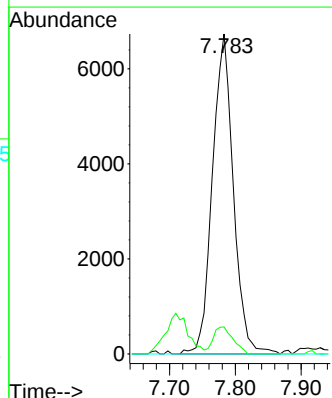
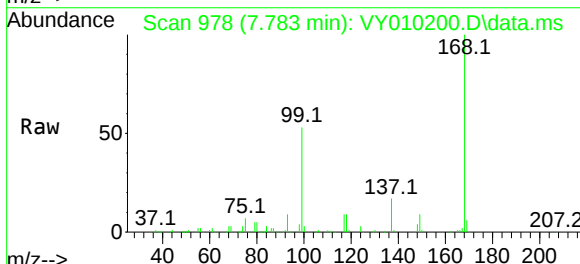
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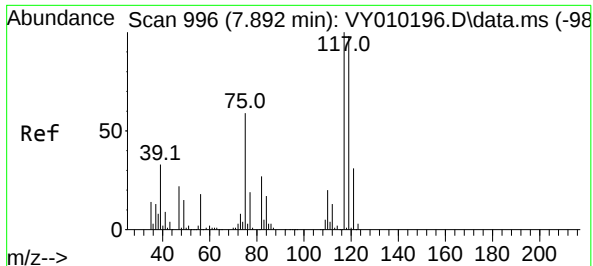
Tgt Ion:113 Resp: 90917
Ion Ratio Lower Upper
113 100
111 104.9 82.6 124.0
192 20.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.133 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

Tgt Ion: 75 Resp: 14920
Ion Ratio Lower Upper
75 100
110 8.0 17.1 51.2#
77 0.0 24.4 36.6#

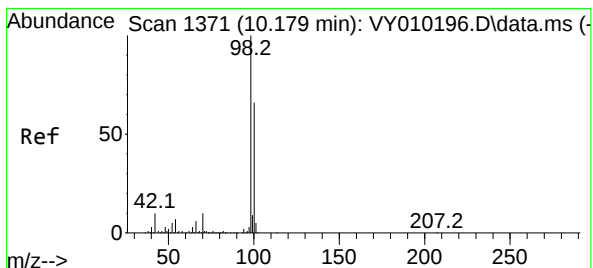
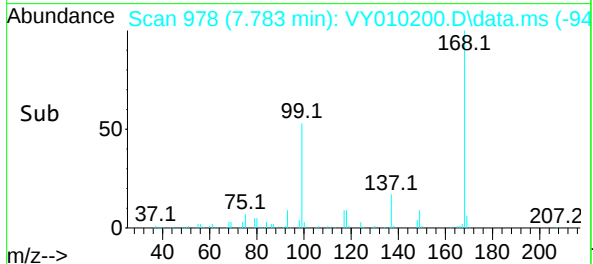
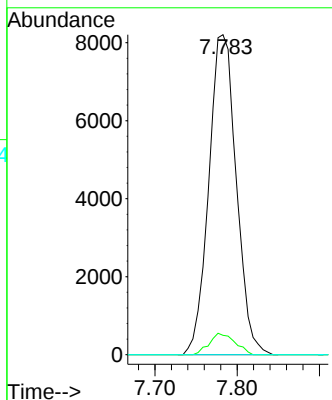
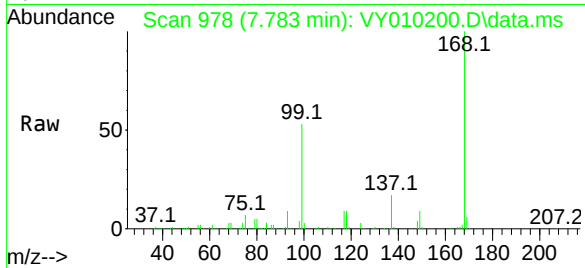




#38
Carbon Tetrachloride
Concen: 4.988 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

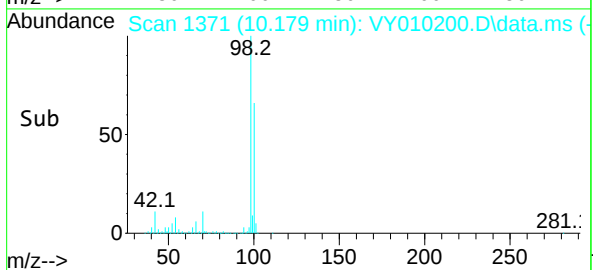
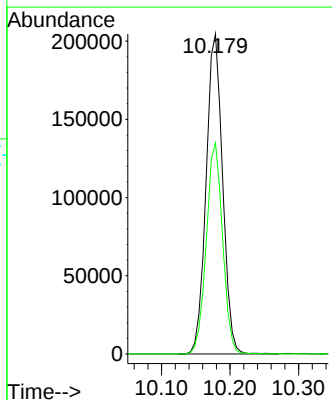
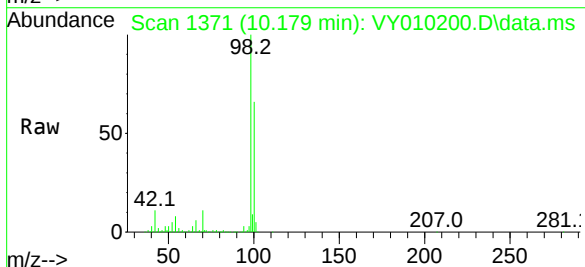
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

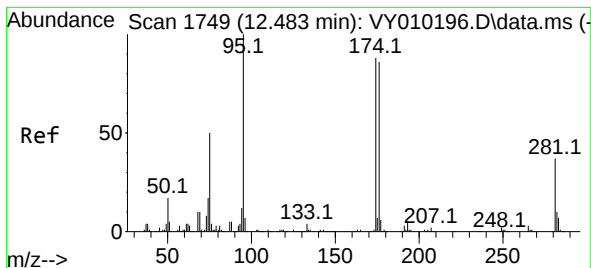
Tgt Ion:117 Resp: 19072
Ion Ratio Lower Upper
117 100
119 6.1 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 40.250 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

Tgt Ion: 98 Resp: 342820
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

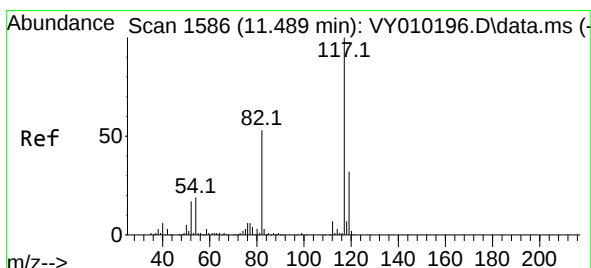
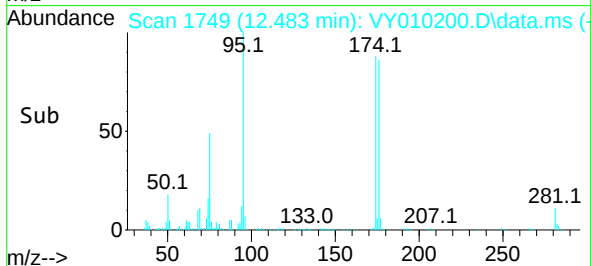
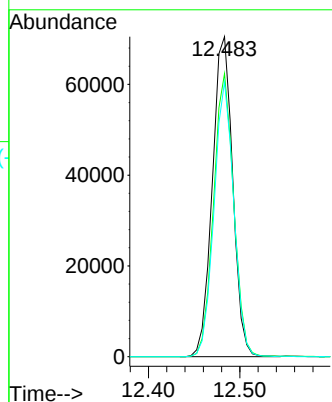
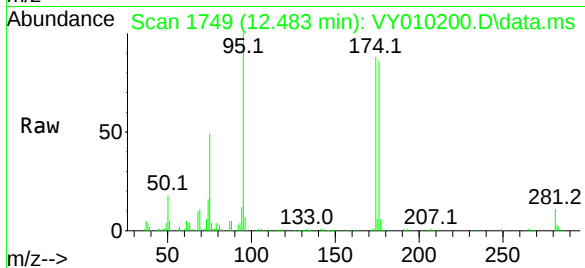




#62
4-Bromofluorobenzene
Concen: 33.397 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

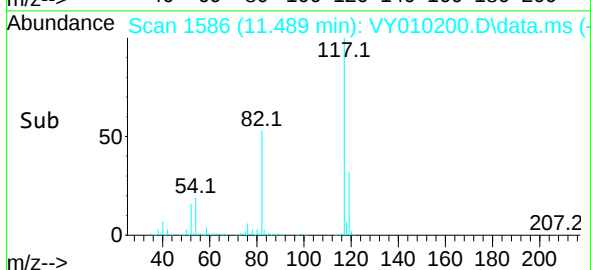
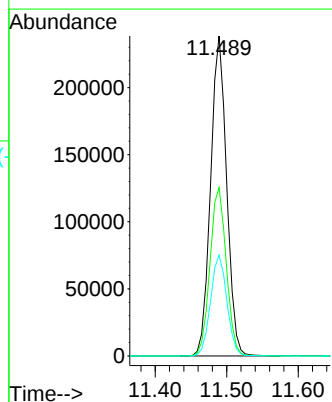
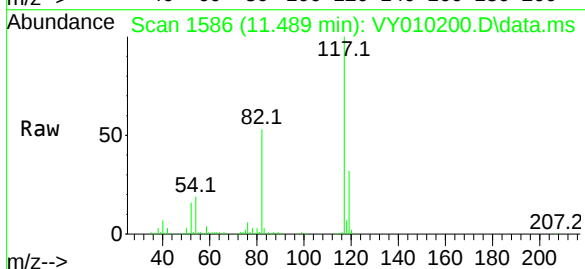
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

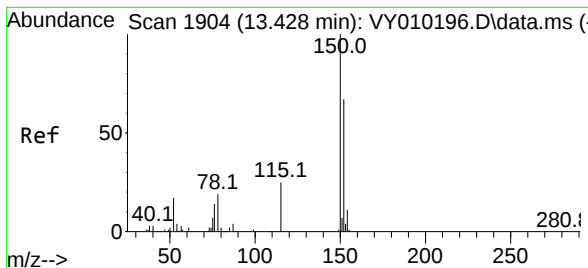
Tgt Ion: 95 Resp: 108974
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

Tgt Ion: 117 Resp: 370943
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 25.4 38.0

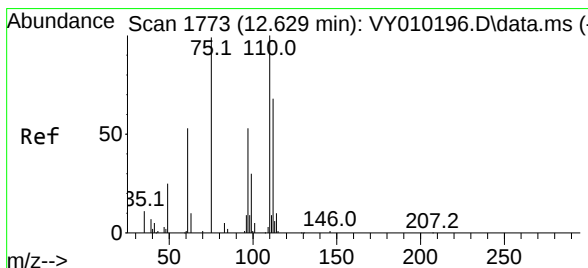
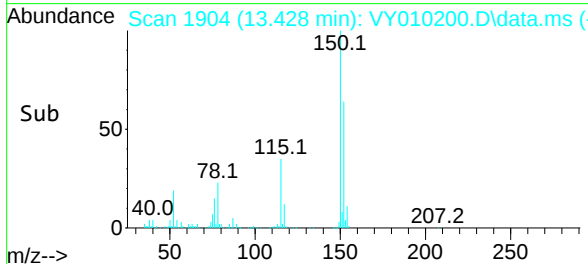
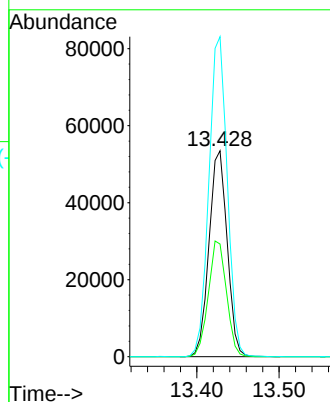
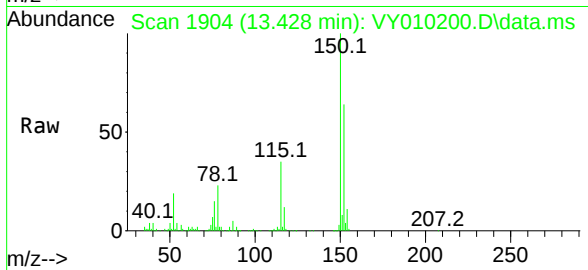




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY010200.D
 Acq: 25 Aug 2022 11:53

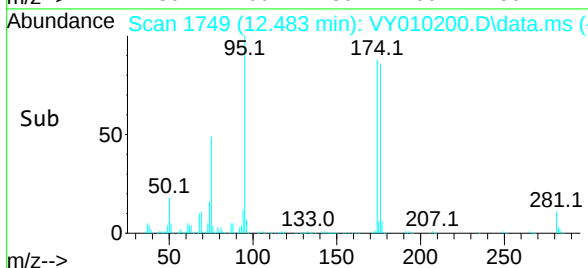
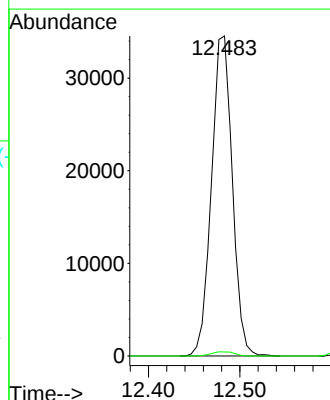
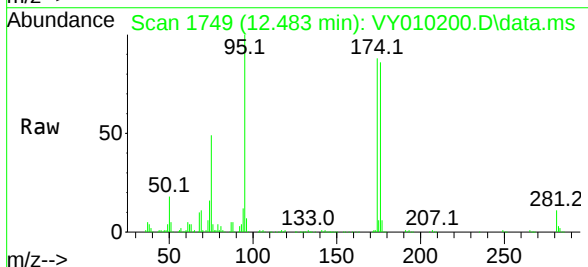
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBL01

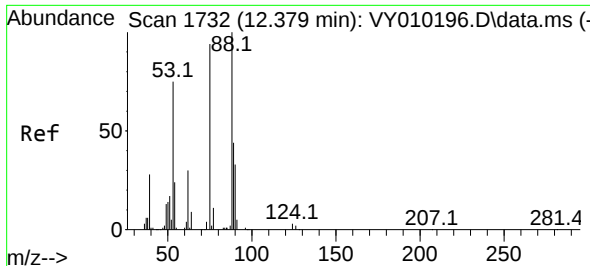
Tgt Ion:152 Resp: 81990
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.2 84.7
 150 157.1 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 60.536 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY010200.D
 Acq: 25 Aug 2022 11:53

Tgt Ion: 75 Resp: 54665
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

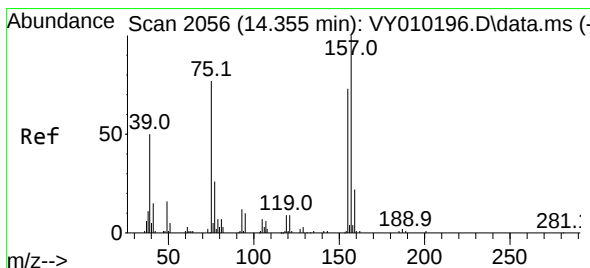
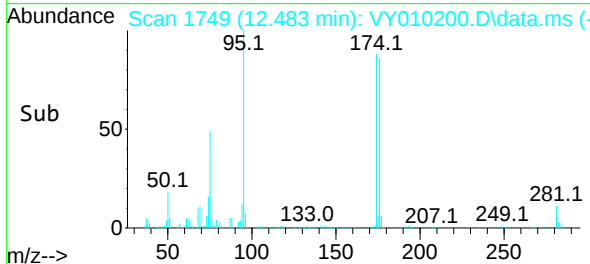
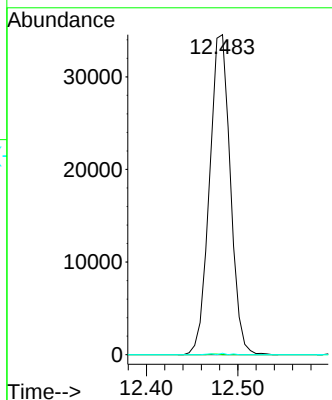
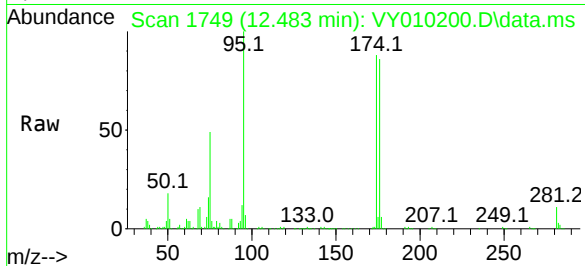




#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.715 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY010200.D
 Acq: 25 Aug 2022 11:53

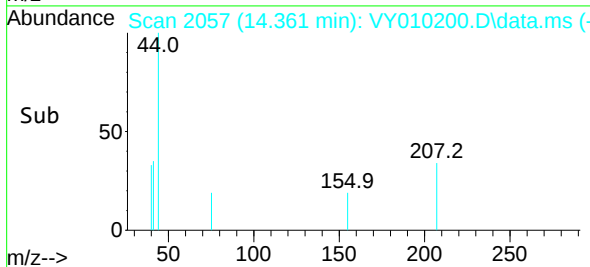
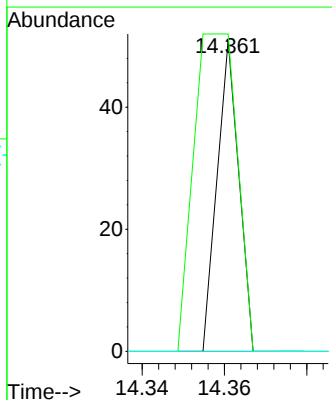
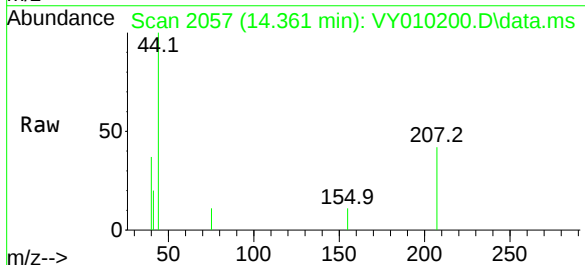
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBL01

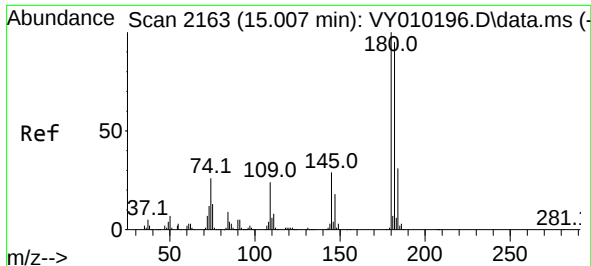
Tgt Ion: 75 Resp: 54665
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.2 37.0 55.4#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.317 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY010200.D
 Acq: 25 Aug 2022 11:53

Tgt Ion: 75 Resp: 19
 Ion Ratio Lower Upper
 75 100
 155 200.0 38.0 113.9#
 157 0.0 47.8 143.3#

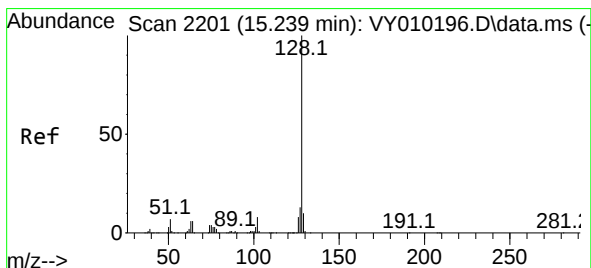
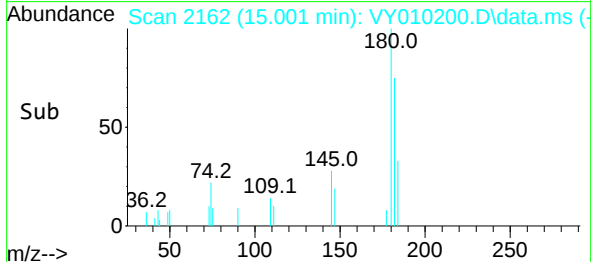
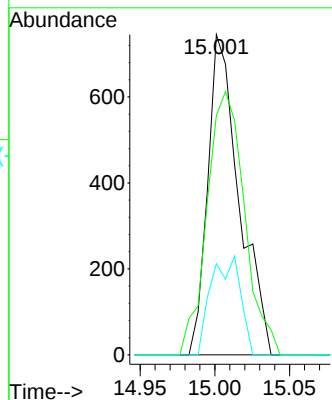
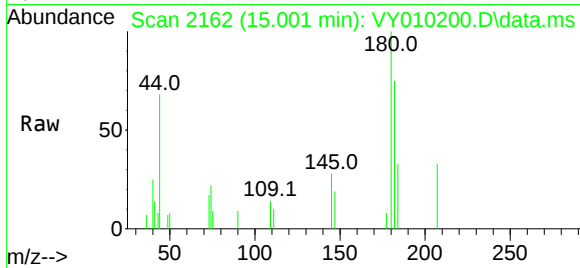




#93
1,2,4-Trichlorobenzene
Concen: 5.227 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

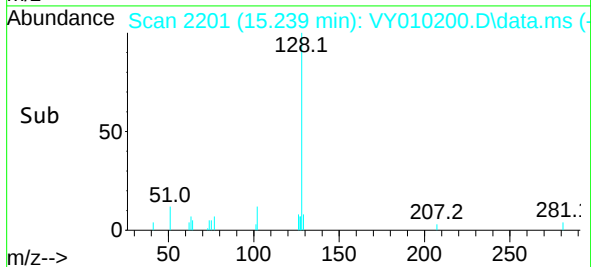
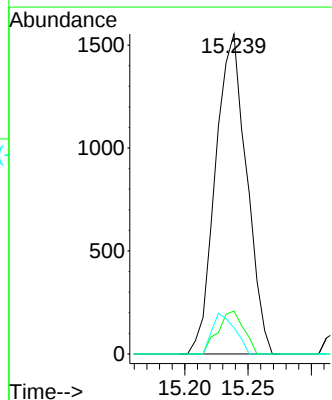
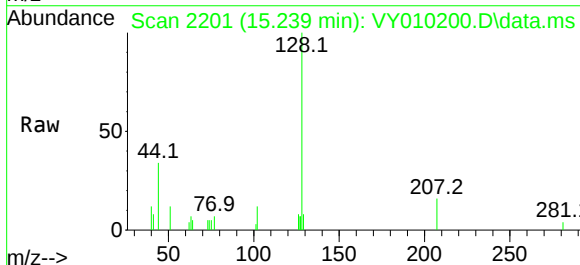
Instrument :
MSVOA_Y
ClientSampleId :
VY0825SBL01

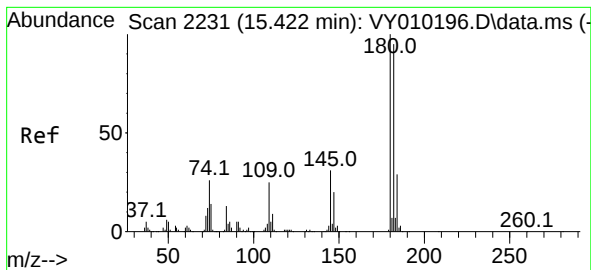
Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.5	47.3	141.9
145	28.7	14.6	43.8



#95
Naphthalene
Concen: 6.667 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY010200.D
Acq: 25 Aug 2022 11:53

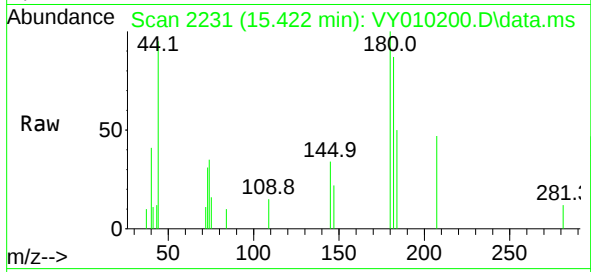
Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.0	11.0	16.4
129	9.2	8.4	12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 5.369 ug/l
 RT: 15.422 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY010200.D
 Acq: 25 Aug 2022 11:53

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0825SBL01



Tgt Ion:	180	Resp:	1103
Ion	Ratio	Lower	Upper
180	100		
182	89.6	47.3	141.9
145	29.1	15.3	45.9

