

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010598.D
 Acq On : 21 Sep 2022 14:57
 Operator : KP/MD
 Sample : N4640-01RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 21 15:36:17 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)

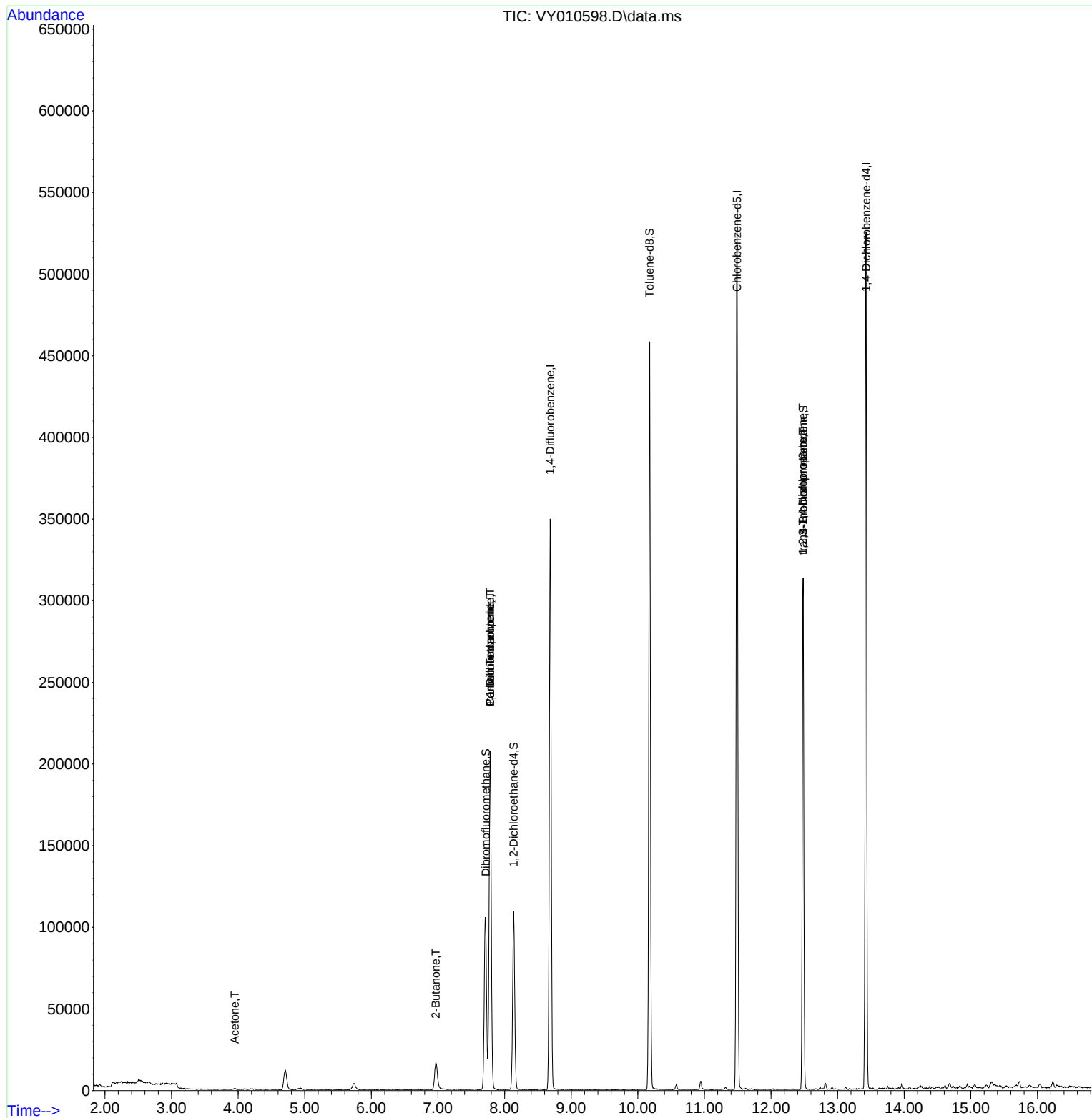
Internal Standards						
1) Pentafluorobenzene	7.783	168	160566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	299241	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	294916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	136844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	82377	53.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.280%	
35) Dibromofluoromethane	7.716	113	76627	40.124	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 80.240%	
50) Toluene-d8	10.179	98	292440	41.969	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 83.940%	
62) 4-Bromofluorobenzene	12.483	95	96553	36.110	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.220%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	188	Below Cal	#	43
3) Chloromethane	2.107	50	540	Below Cal	#	83
4) Vinyl Chloride	2.320	62	39	Below Cal	#	43
5) Bromomethane	2.656	94	472	Below Cal	#	78
11) Tert butyl alcohol	4.936	59	950	Below Cal	#	77
16) Acetone	3.948	43	1100	3.512	ug/l	95
18) Methyl Acetate	4.466	43	379	Below Cal	#	56
20) Methylene Chloride	4.710	84	9490	Below Cal		87
25) 2-Butanone	6.966	43	875	1.786	ug/l #	54
31) Cyclohexane	7.783	56	3162	Below Cal	#	9
36) 1,1-Dichloropropene	7.783	75	12251	5.757	ug/l #	51
38) Carbon Tetrachloride	7.783	117	16081	6.573	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	50131	38.383	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	50131	85.341	ug/l #	7

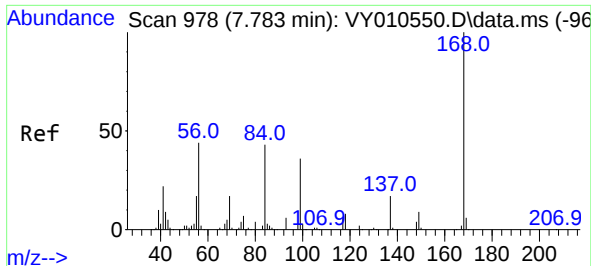
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
Data File : VY010598.D
Acq On : 21 Sep 2022 14:57
Operator : KP/MD
Sample : N4640-01RE
Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 21 15:36:17 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

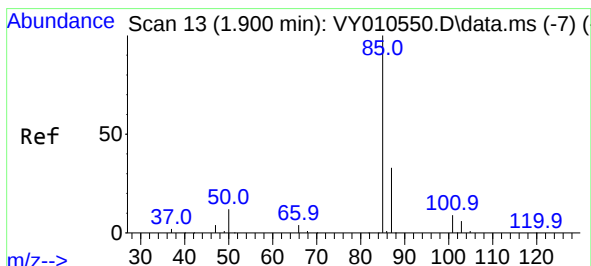
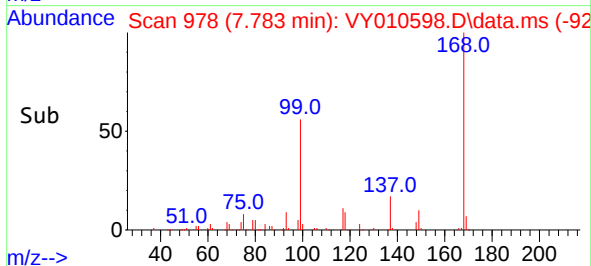
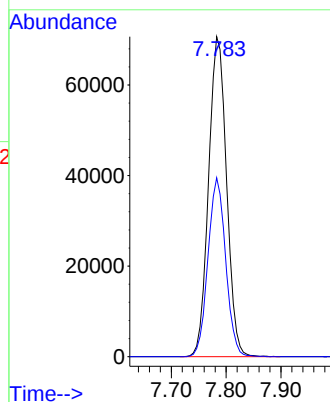
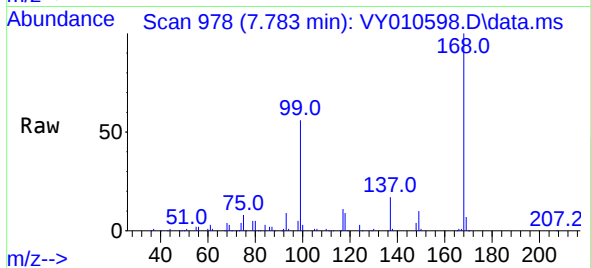




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

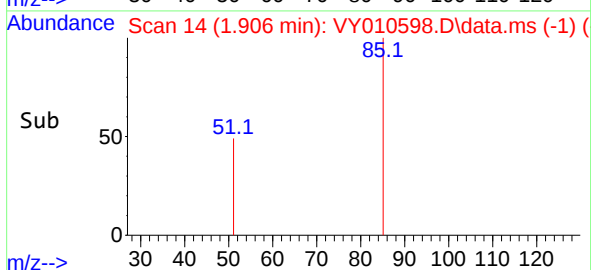
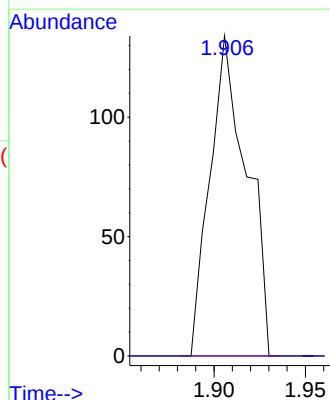
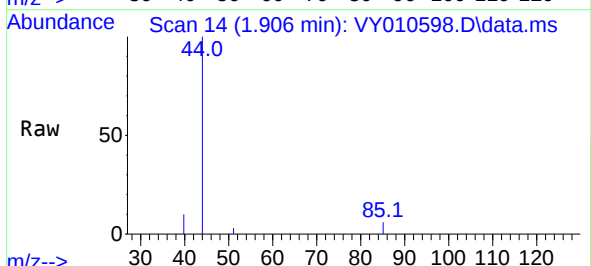
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 160566
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

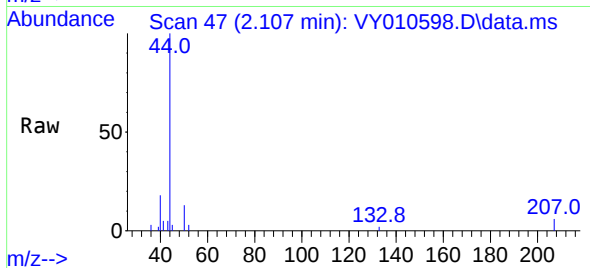
Tgt Ion: 85 Resp: 188
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



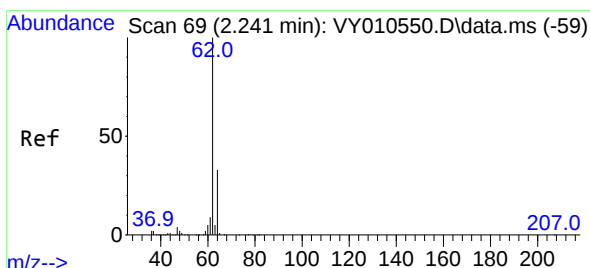
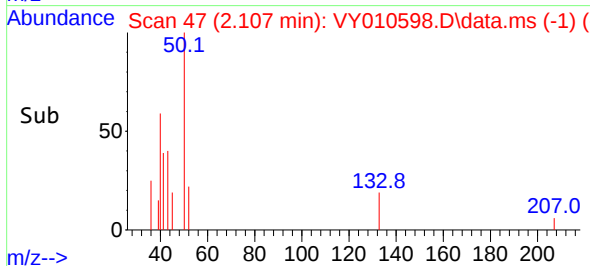
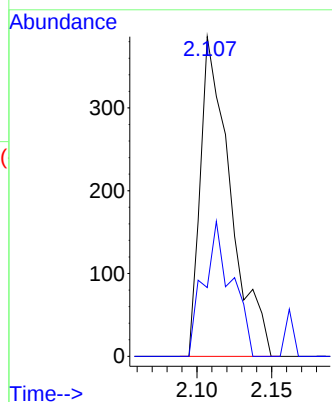


#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :

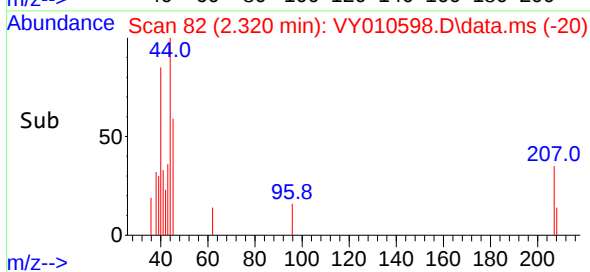
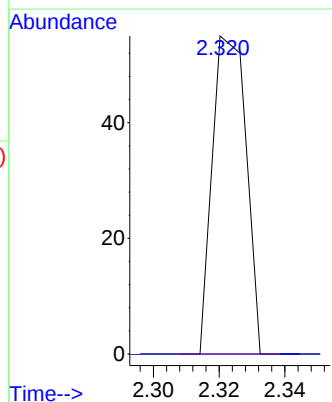
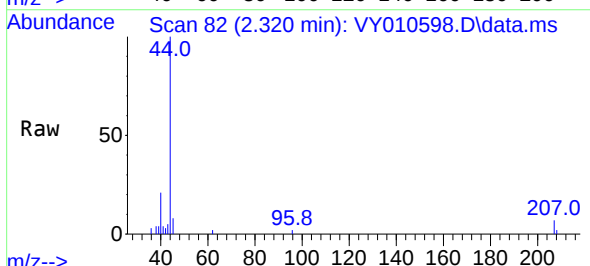


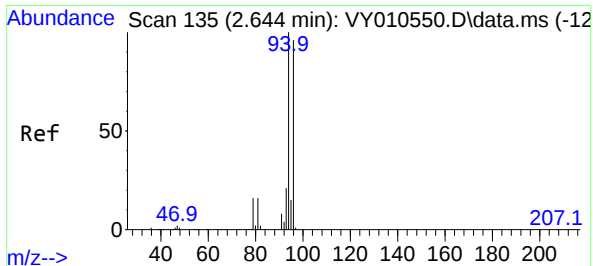
Tgt Ion: 50 Resp: 540
Ion Ratio Lower Upper
50 100
52 21.5 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.320 min Scan# 82
Delta R.T. 0.079 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

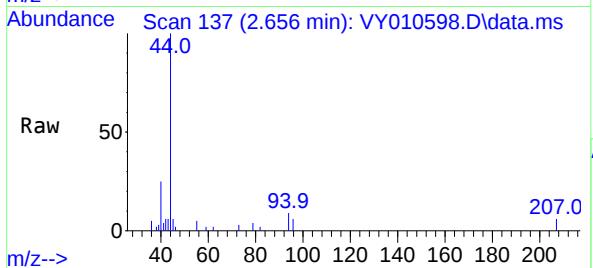
Tgt Ion: 62 Resp: 39
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#



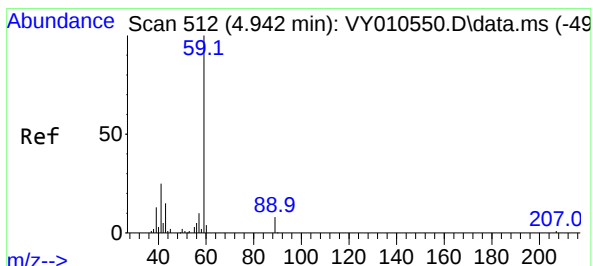
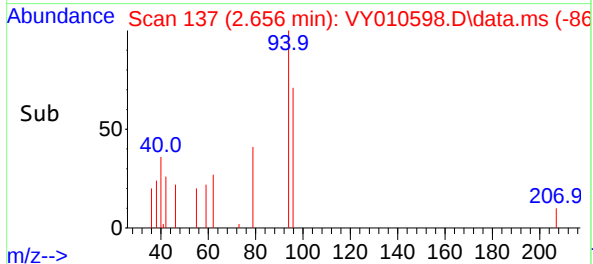
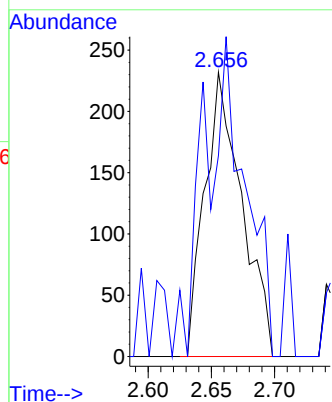


#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :

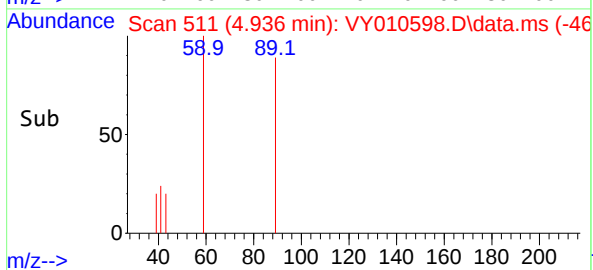
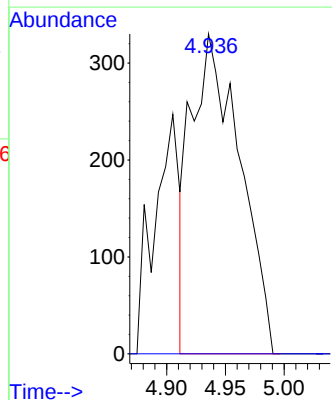
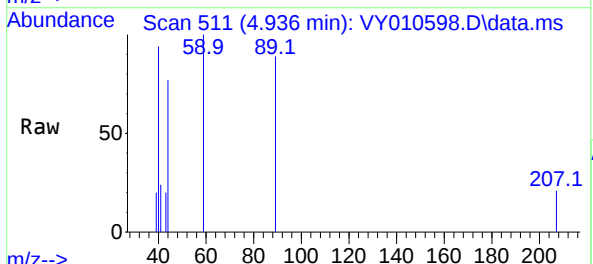


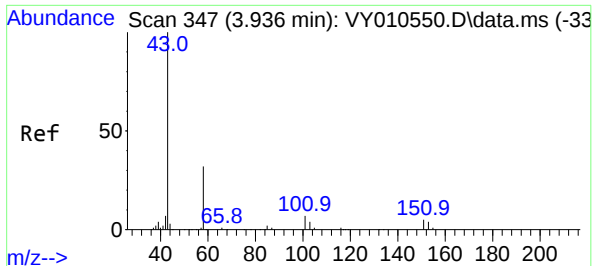
Tgt Ion: 94 Resp: 472
Ion Ratio Lower Upper
94 100
96 70.7 73.5 110.3#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Tgt Ion: 59 Resp: 950
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

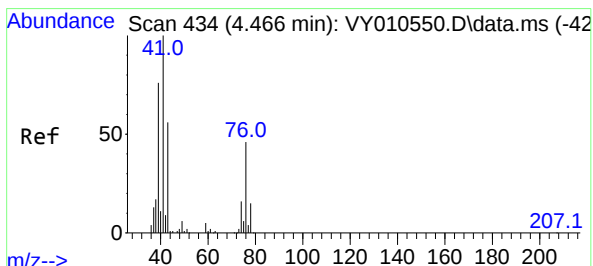
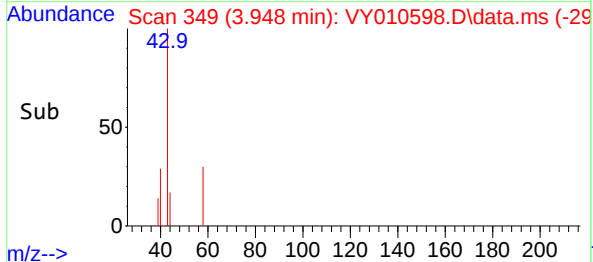
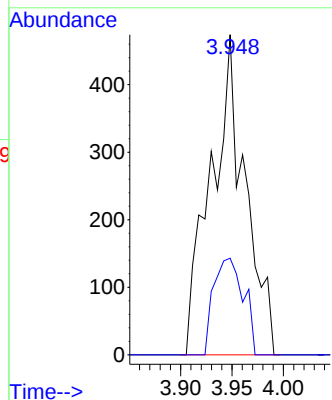
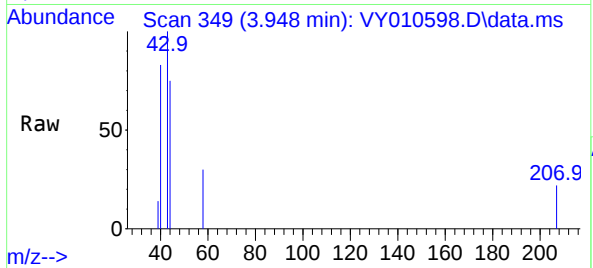




#16
Acetone
Concen: 3.512 ug/l
RT: 3.948 min Scan# 347
Delta R.T. 0.012 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

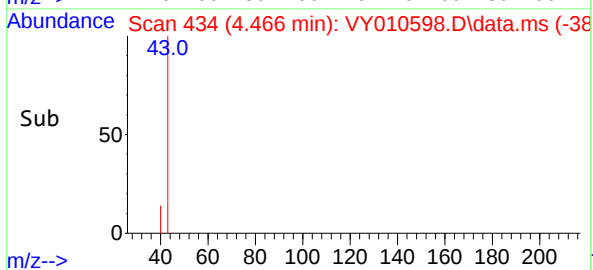
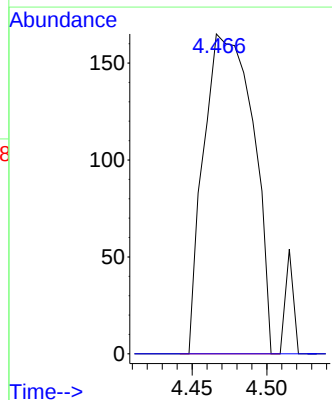
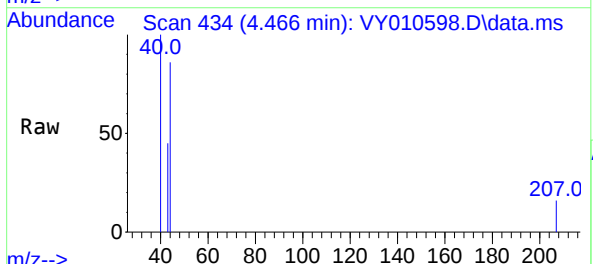
Instrument :
MSVOA_Y
ClientSampleId :

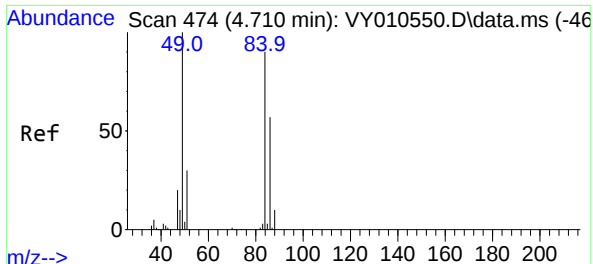
Tgt Ion: 43 Resp: 1100
Ion Ratio Lower Upper
43 100
58 30.2 22.0 33.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Tgt Ion: 43 Resp: 379
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

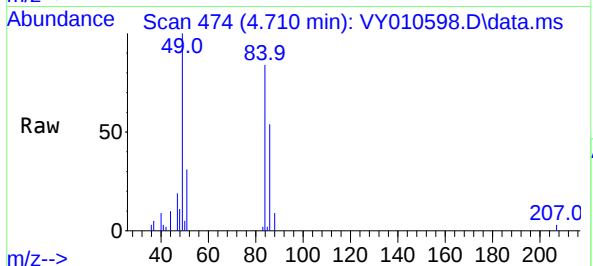
Lab File: VY010598.D

Acq: 21 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 9490

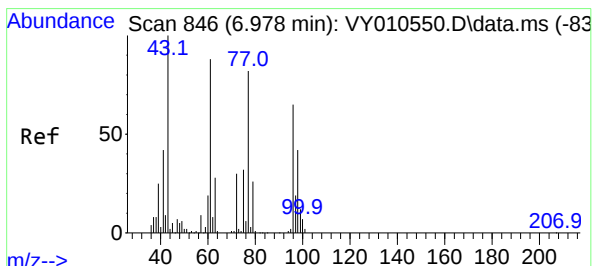
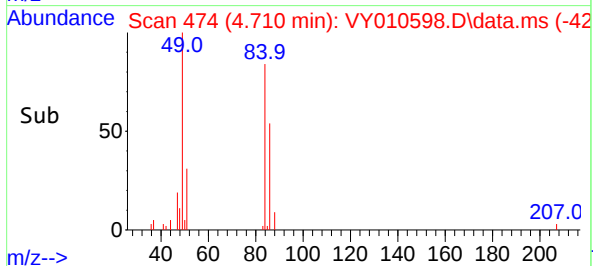
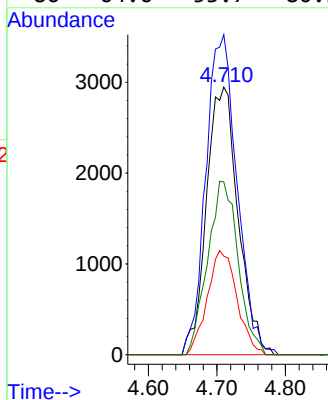
Ion Ratio Lower Upper

84 100

49 119.6 114.4 171.6

51 36.9 35.3 52.9

86 64.6 53.7 80.5



#25

2-Butanone

Concen: 1.786 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.012 min

Lab File: VY010598.D

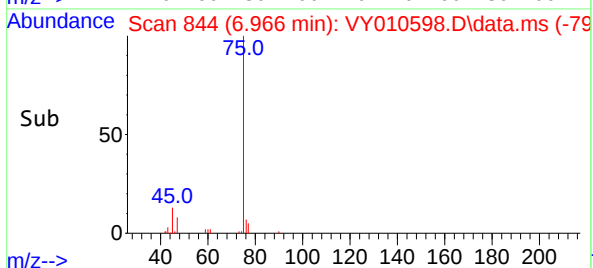
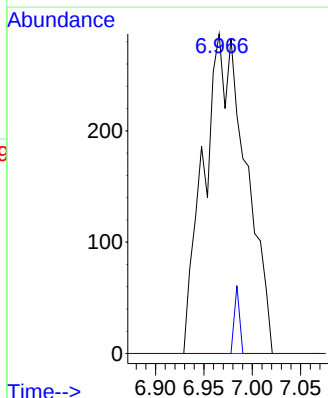
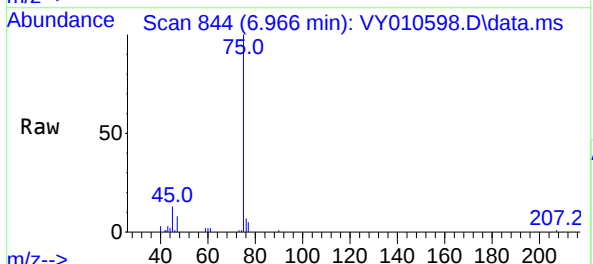
Acq: 21 Sep 2022 14:57

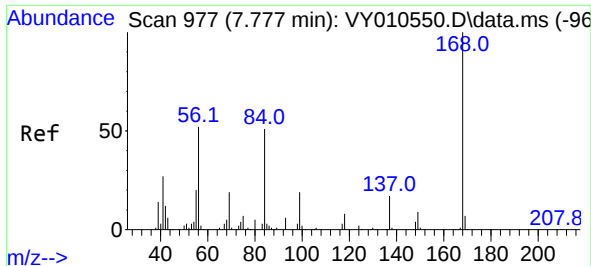
Tgt Ion: 43 Resp: 875

Ion Ratio Lower Upper

43 100

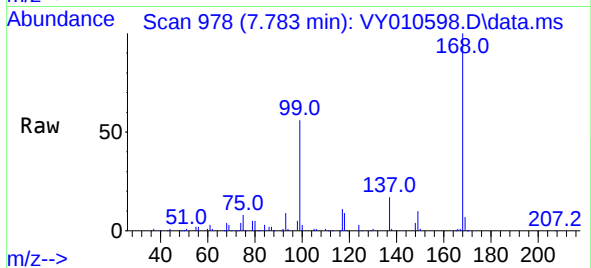
72 0.0 17.7 26.5#



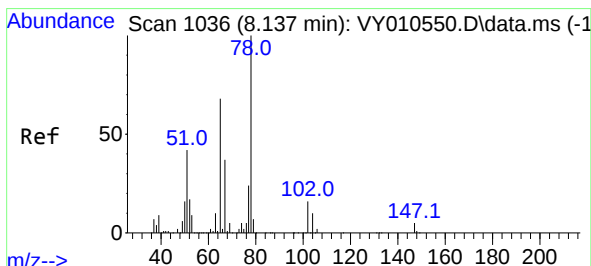
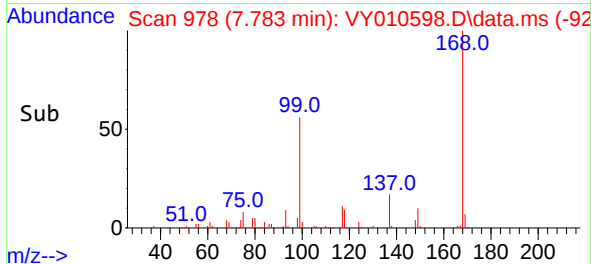
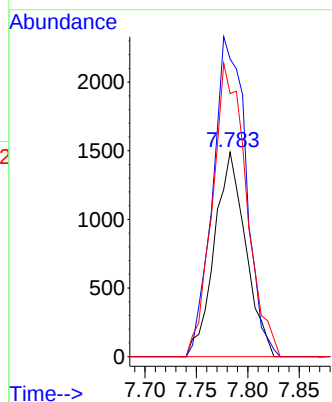


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :

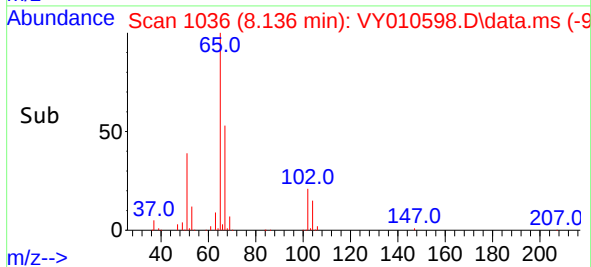
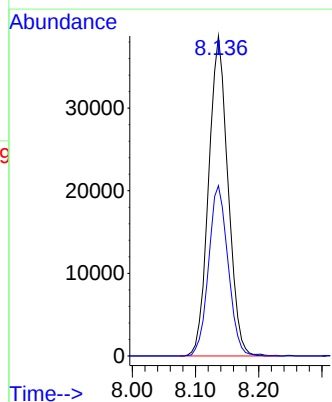
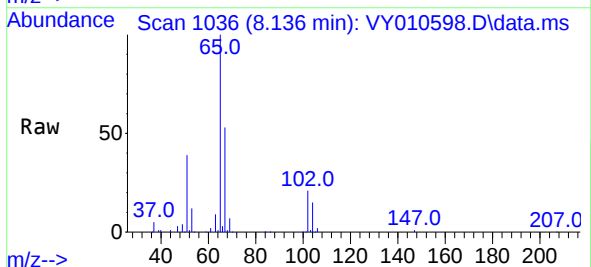


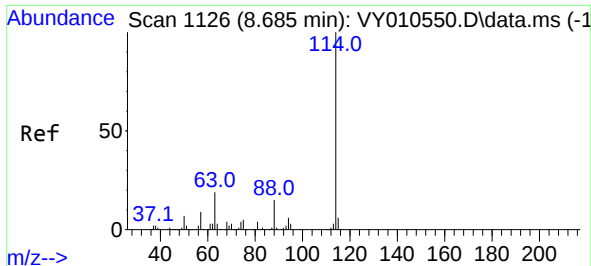
Tgt Ion: 56 Resp: 3162
Ion Ratio Lower Upper
56 100
69 145.6 26.7 40.1#
84 128.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 53.639 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Tgt Ion: 65 Resp: 82377
Ion Ratio Lower Upper
65 100
67 53.3 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: VY010598.D

Acq: 21 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

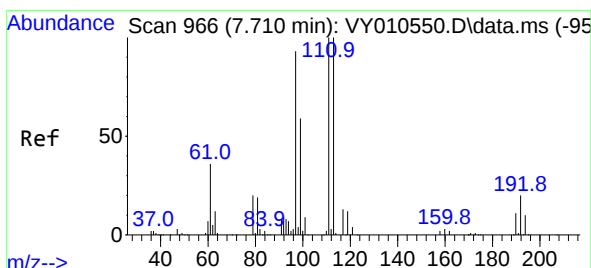
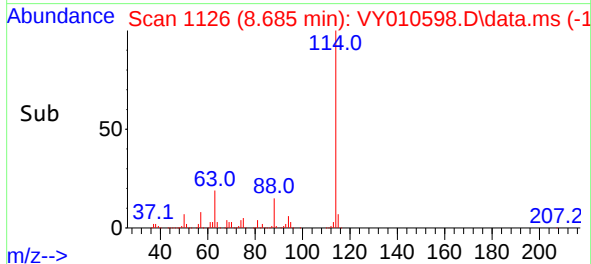
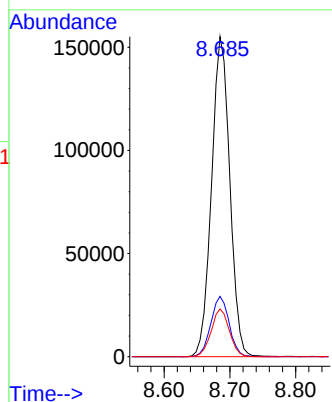
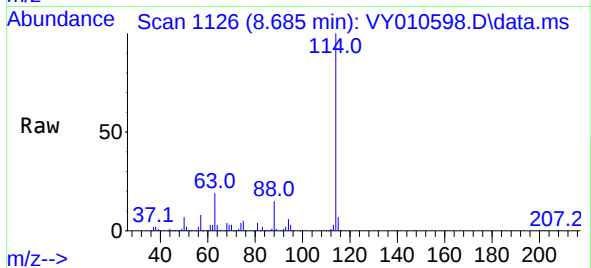
Tgt Ion:114 Resp: 299241

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 40.124 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY010598.D

Acq: 21 Sep 2022 14:57

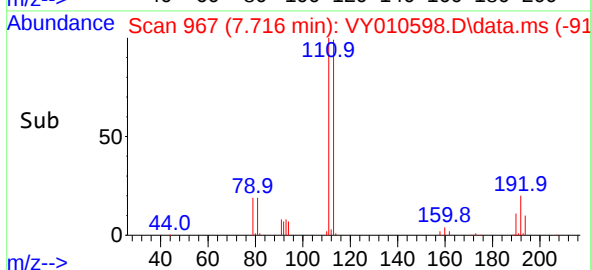
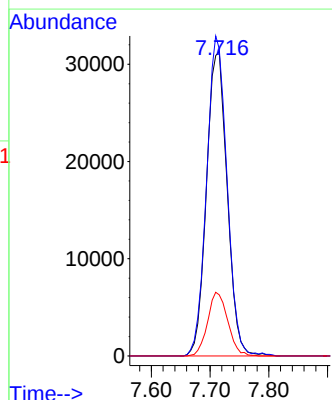
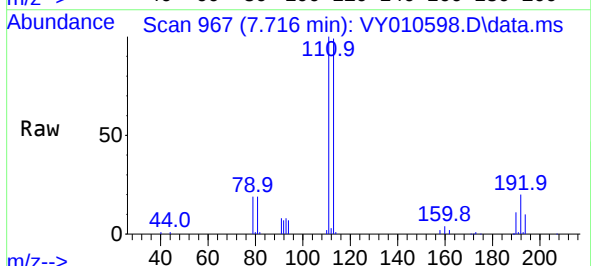
Tgt Ion:113 Resp: 76627

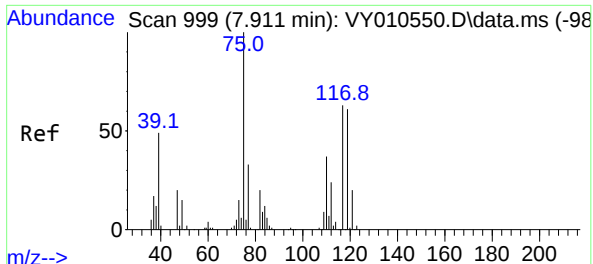
Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 20.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 5.757 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY010598.D

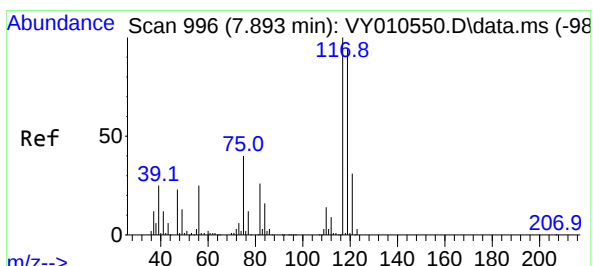
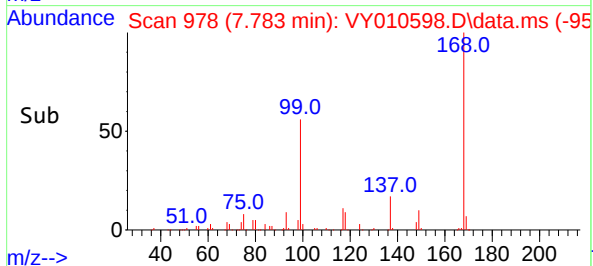
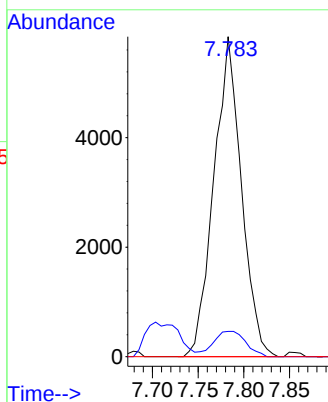
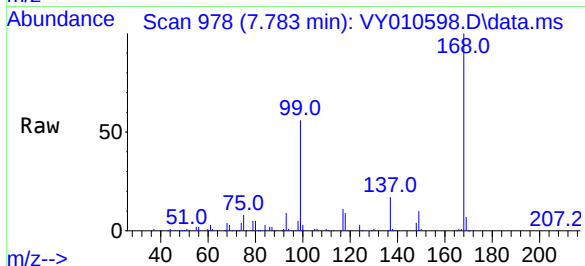
Acq: 21 Sep 2022 14:57

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 75	Resp: 12251
Ion Ratio	Lower Upper
75	100
110	9.4 17.1 51.2#
77	0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 6.573 ug/l

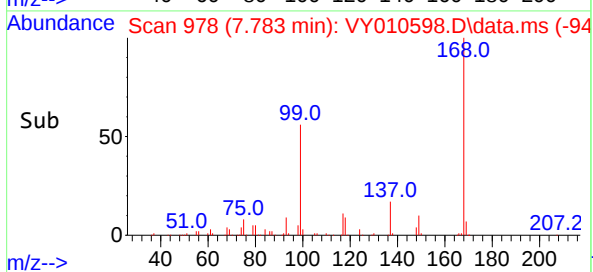
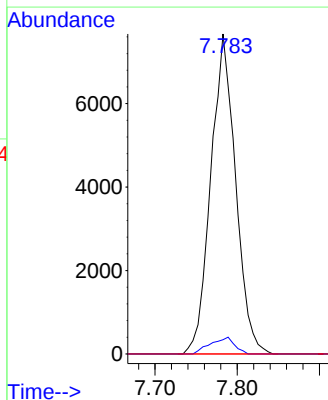
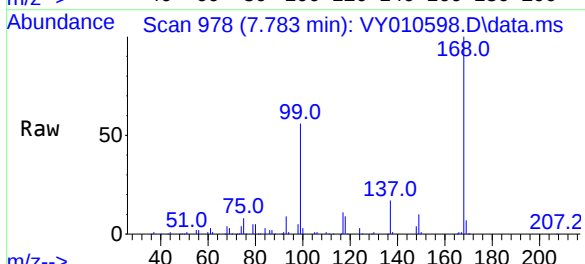
RT: 7.783 min Scan# 978

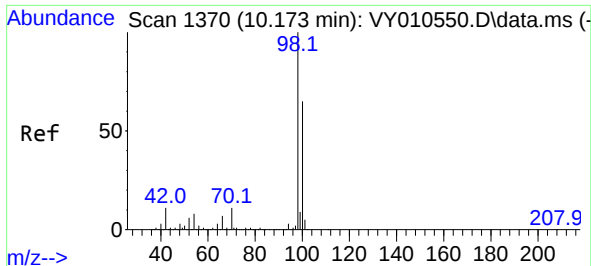
Delta R.T. -0.110 min

Lab File: VY010598.D

Acq: 21 Sep 2022 14:57

Tgt Ion: 117	Resp: 16081
Ion Ratio	Lower Upper
117	100
119	4.5 77.9 116.9#
121	0.0 24.8 37.2#

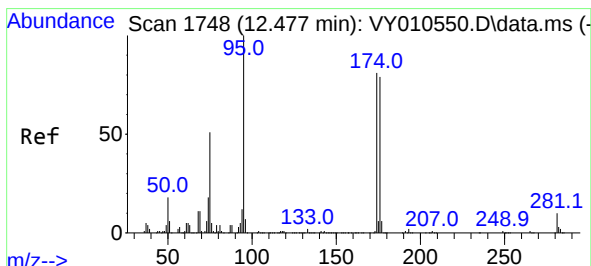
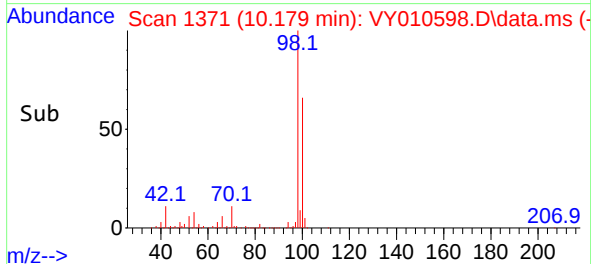
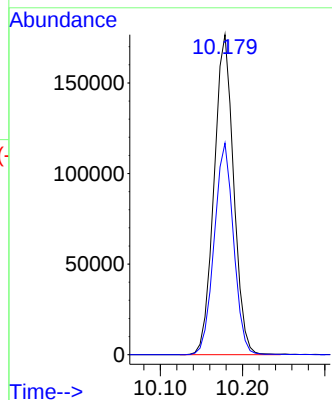
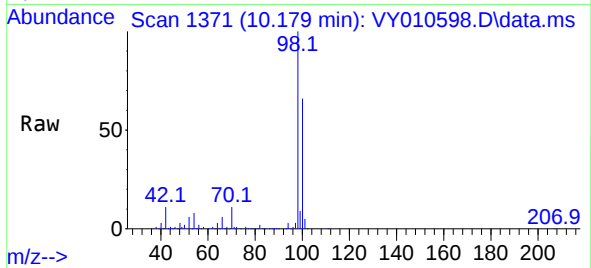




#50
Toluene-d8
Concen: 41.969 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

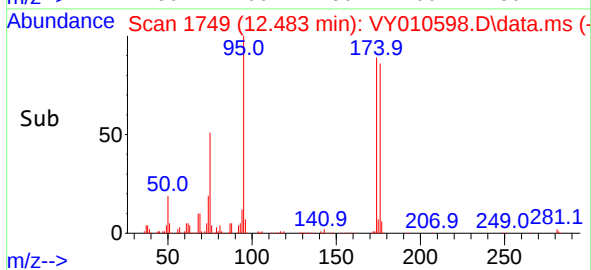
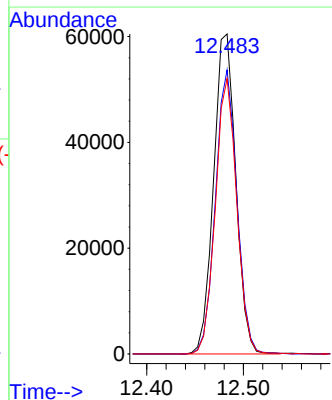
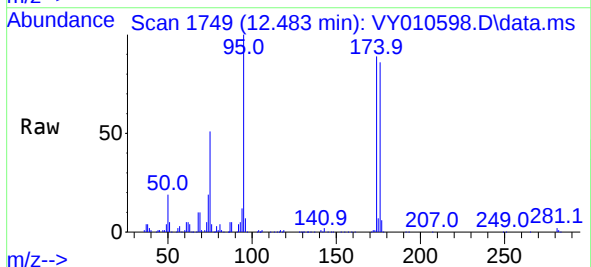
Instrument :
MSVOA_Y
ClientSampleId :

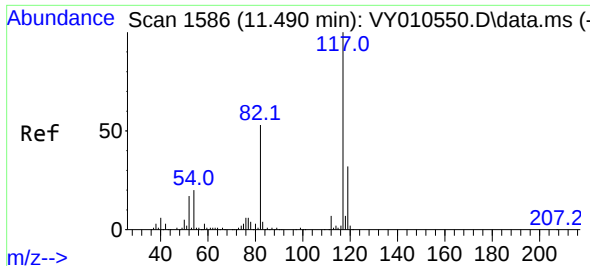
Tgt Ion: 98 Resp: 292440
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.110 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

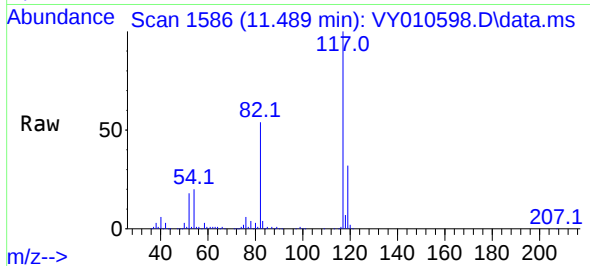
Tgt Ion: 95 Resp: 96553
Ion Ratio Lower Upper
95 100
174 85.8 0.0 177.0
176 82.7 0.0 175.8



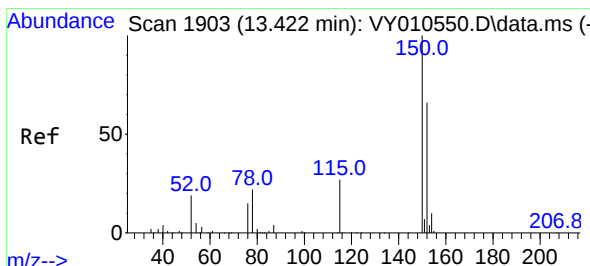
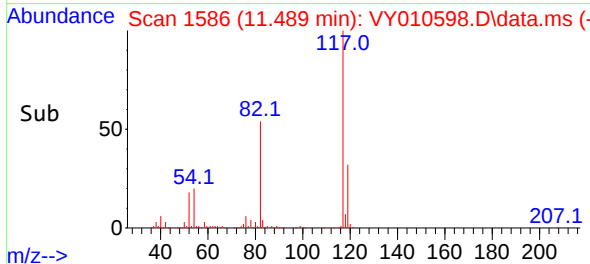
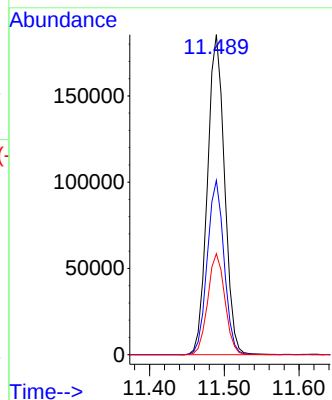


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :

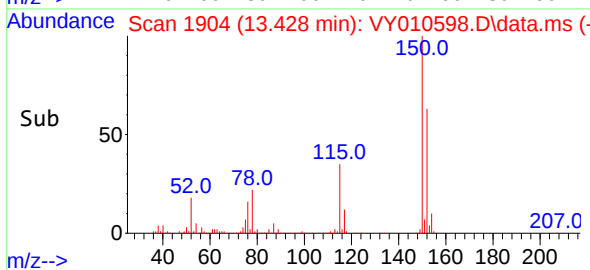
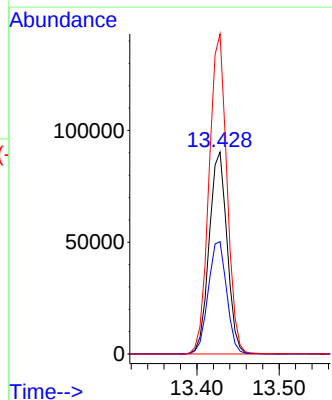
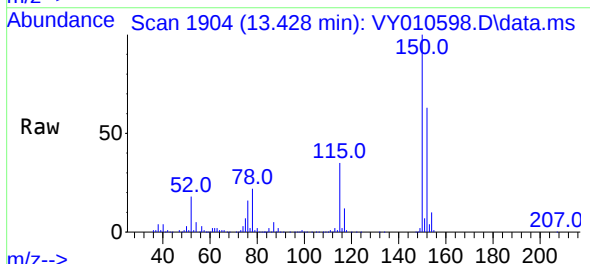


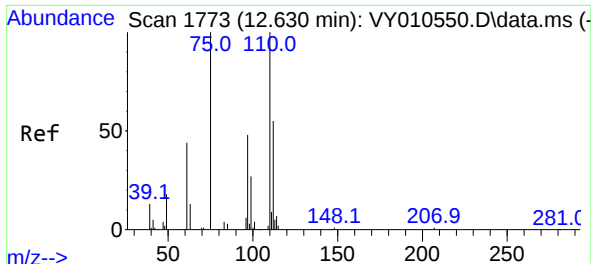
Tgt Ion:117 Resp: 294916
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Tgt Ion:152 Resp: 136844
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.7
150 157.7 0.0 347.6

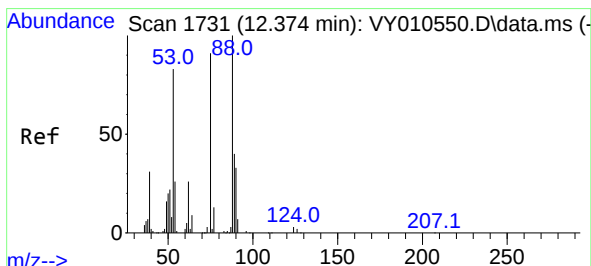
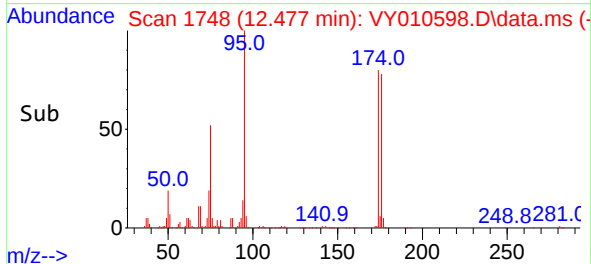
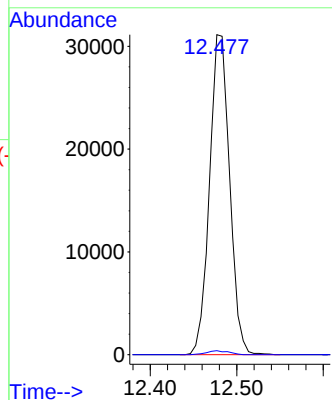
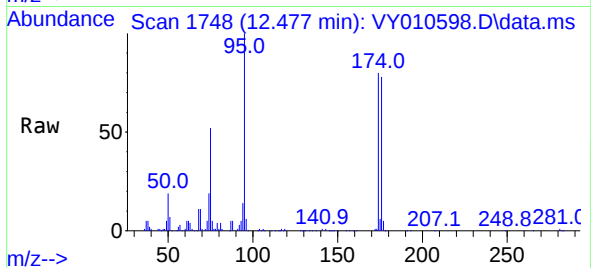




#76
1,2,3-Trichloropropane
Concen: 38.383 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50131
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.341 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.103 min
Lab File: VY010598.D
Acq: 21 Sep 2022 14:57

Tgt Ion: 75 Resp: 50131
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

