

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091322\
 Data File : VY010453.D
 Acq On : 13 Sep 2022 13:00
 Operator : KP/MD
 Sample : VY0913SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0913SBL01

Quant Time: Sep 14 05:21:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

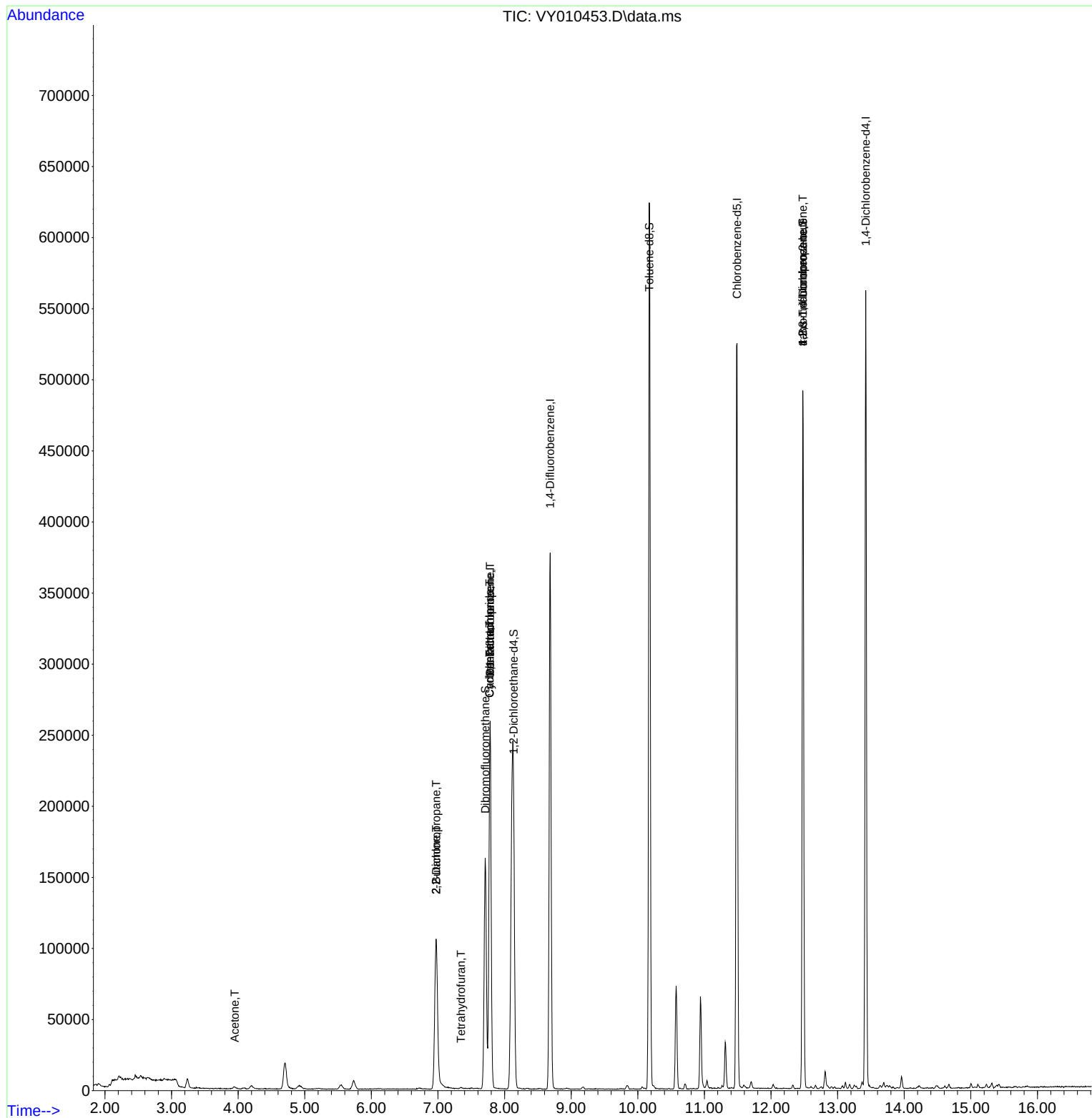
Internal Standards						
1) Pentafluorobenzene	7.783	168	202362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328263	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120352	59.051	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.100%	
35) Dibromofluoromethane	7.710	113	114685	49.193	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.173	98	413799	54.766	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.477	95	144230	47.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	1591	Below Cal		95
11) Tert butyl alcohol	4.918	59	3362	Below Cal	#	79
16) Acetone	3.948	43	2512	5.371	ug/l #	89
20) Methylene Chloride	4.704	84	13780	Below Cal		88
25) 2-Butanone	6.972	43	6465	8.697	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	7960	2.196	ug/l #	55
29) Tetrahydrofuran	7.344	42	496	1.069	ug/l #	81
31) Cyclohexane	7.777	56	4524	1.314	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	15443	4.839	ug/l #	51
38) Carbon Tetrachloride	7.777	117	19958	5.621	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.776	63	61	Below Cal	#	48
76) 1,2,3-Trichloropropane	12.477	75	74214	47.272	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	74214	104.960	ug/l #	7

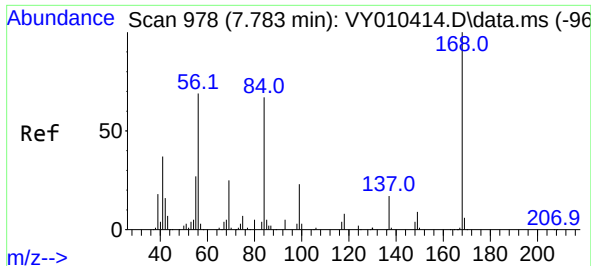
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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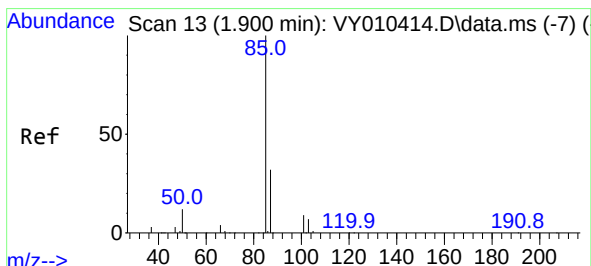
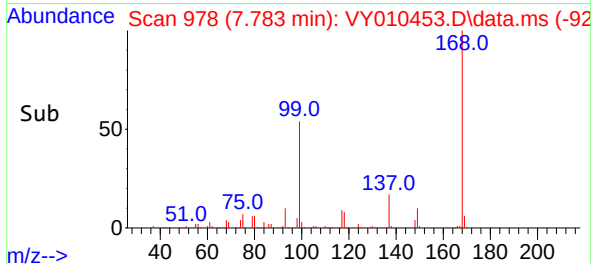
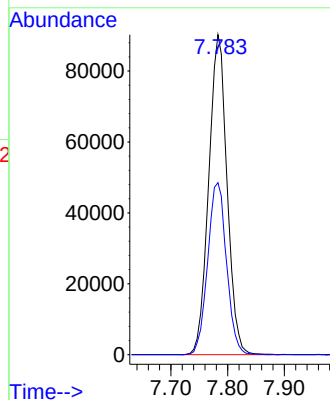
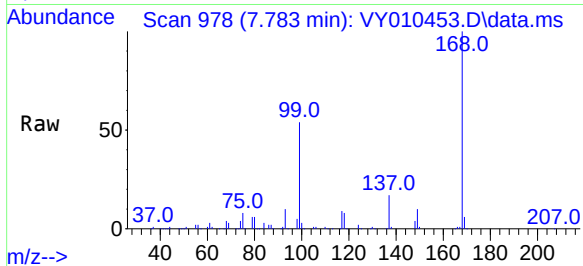




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

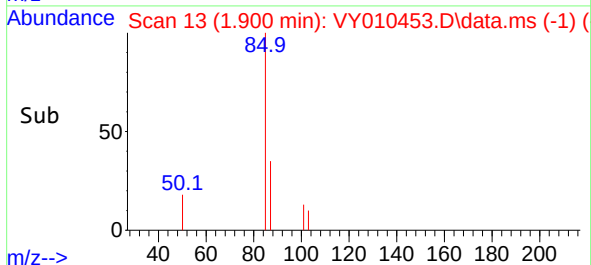
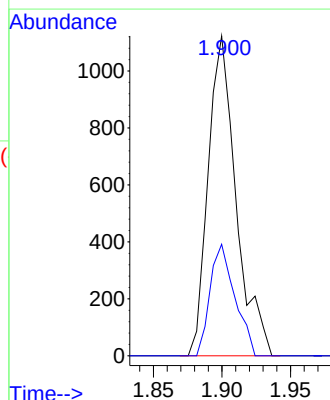
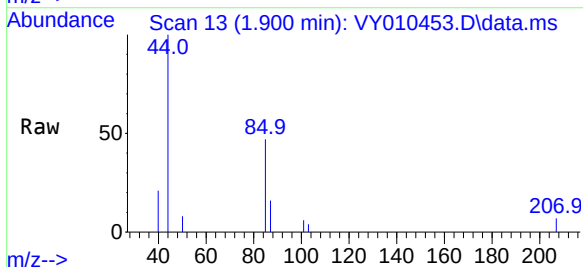
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

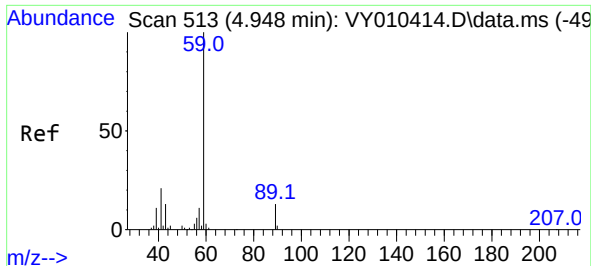
Tgt Ion:168 Resp: 202362
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 85 Resp: 1591
Ion Ratio Lower Upper
85 100
87 34.9 16.1 48.2

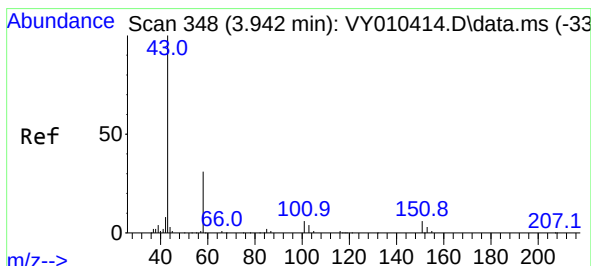
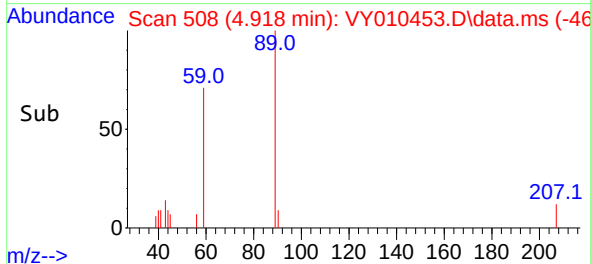
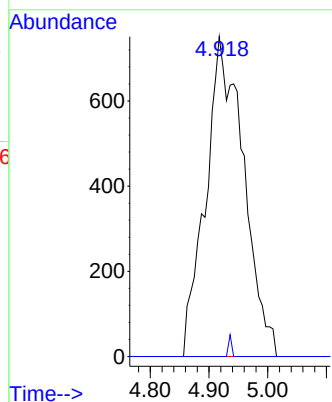
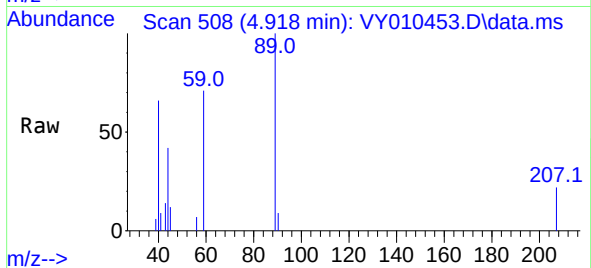




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.918 min Scan# 508
Delta R.T. -0.030 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

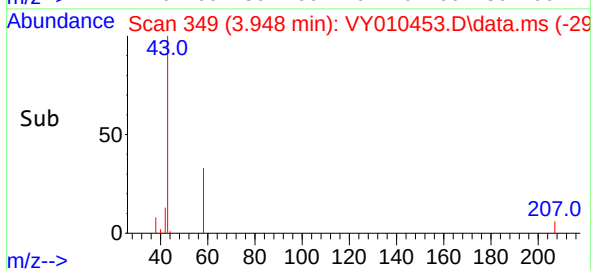
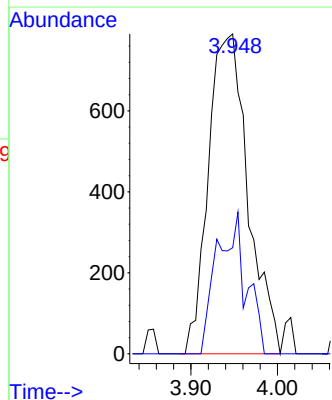
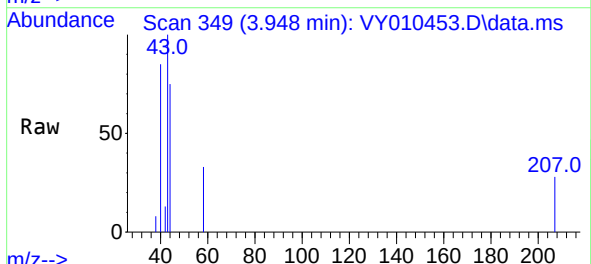
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

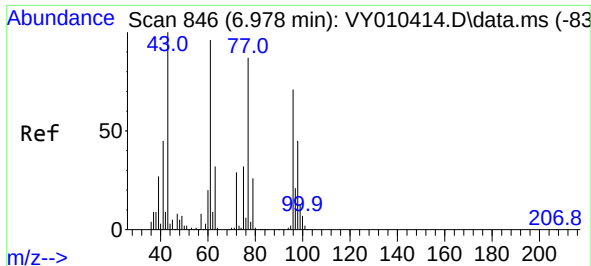
Tgt Ion: 59 Resp: 3362
Ion Ratio Lower Upper
59 100
57 0.6 6.4 9.6#



#16
Acetone
Concen: 5.371 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 33.2 22.0 33.0#

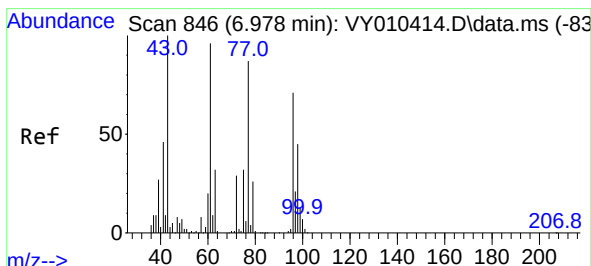
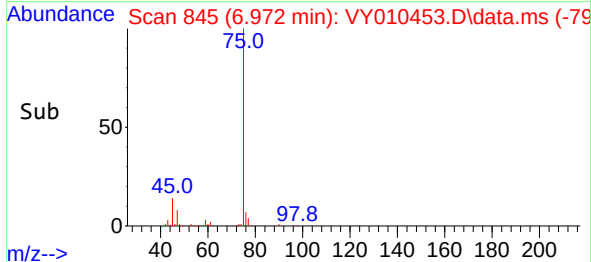
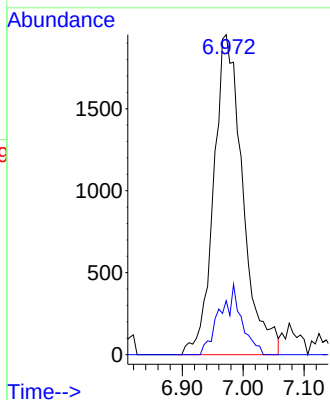
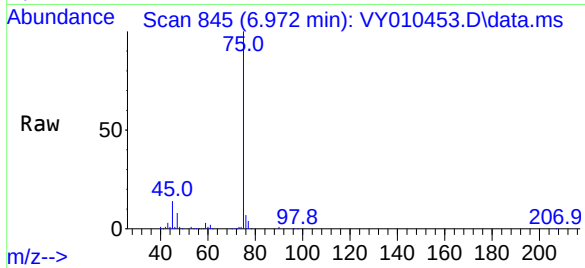




#25
2-Butanone
Concen: 8.697 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

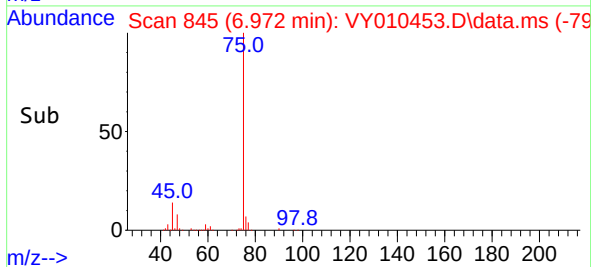
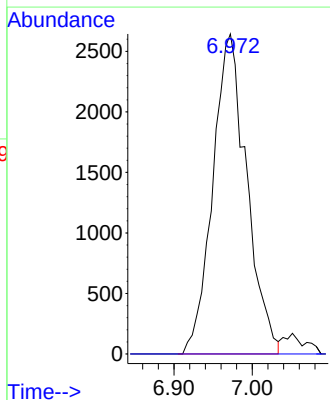
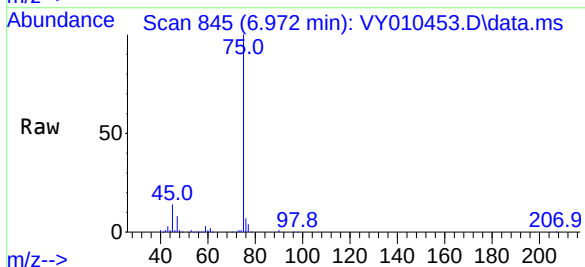
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

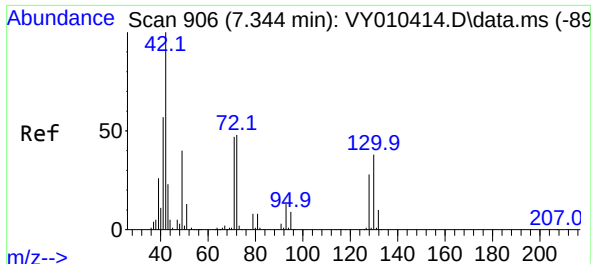
Tgt Ion: 43 Resp: 6465
Ion Ratio Lower Upper
43 100
72 16.9 17.7 26.5#



#26
2,2-Dichloropropane
Concen: 2.196 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 77 Resp: 7960
Ion Ratio Lower Upper
77 100
97 0.0 10.4 31.4#

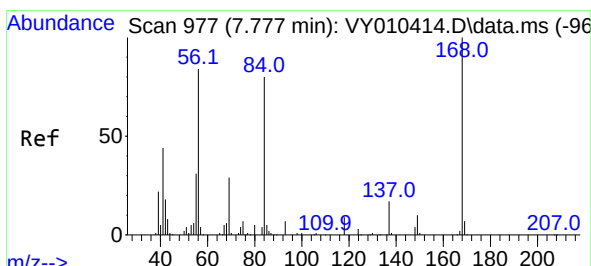
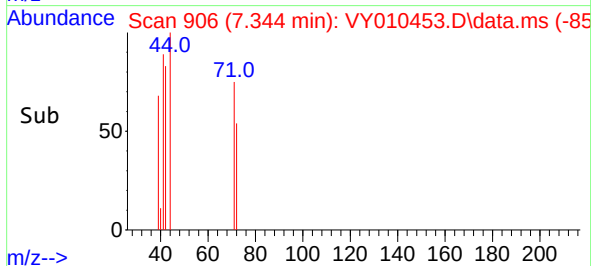
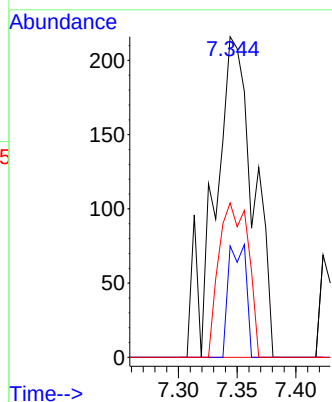
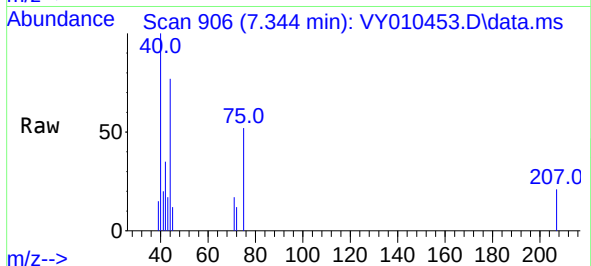




#29
Tetrahydrofuran
Concen: 1.069 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

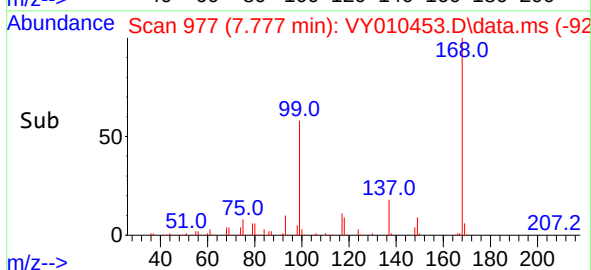
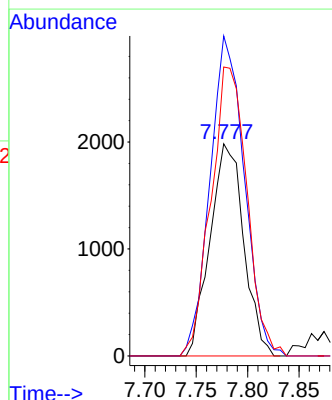
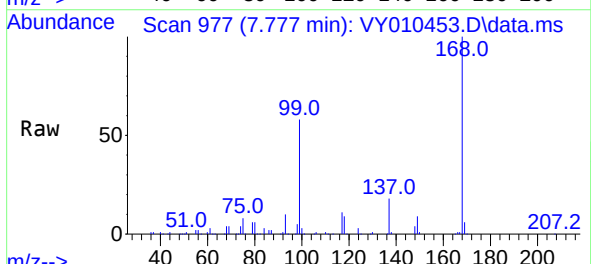
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

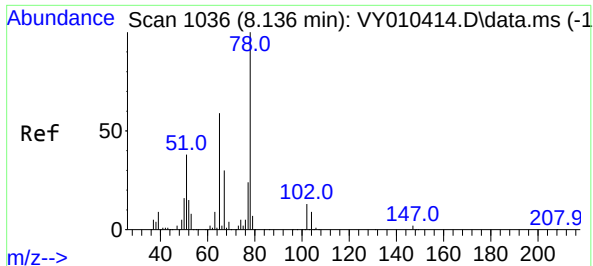
Tgt Ion:	42	Resp:	496
Ion	Ratio	Lower	Upper
42	100		
72	15.9	30.3	45.5#
71	36.3	29.0	43.4



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion:	56	Resp:	4524
Ion	Ratio	Lower	Upper
56	100		
69	150.9	26.7	40.1#
84	136.3	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 59.051 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010453.D

Acq: 13 Sep 2022 13:00

Instrument :

MSVOA_Y

ClientSampleId :

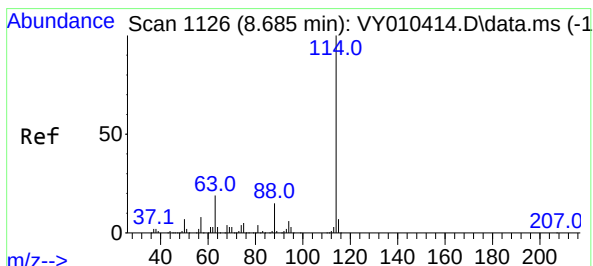
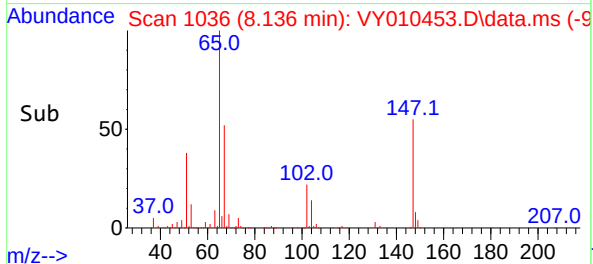
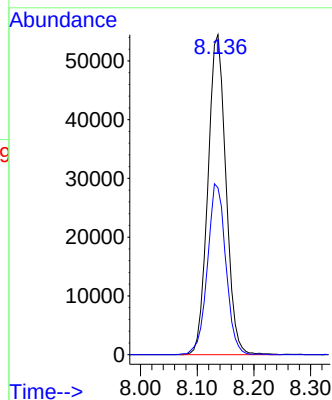
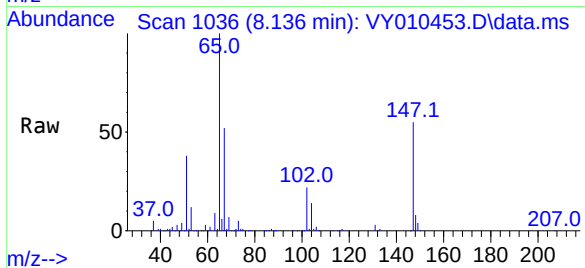
VY0913SBL01

Tgt Ion: 65 Resp: 120352

Ion Ratio Lower Upper

65 100

67 54.4 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: VY010453.D

Acq: 13 Sep 2022 13:00

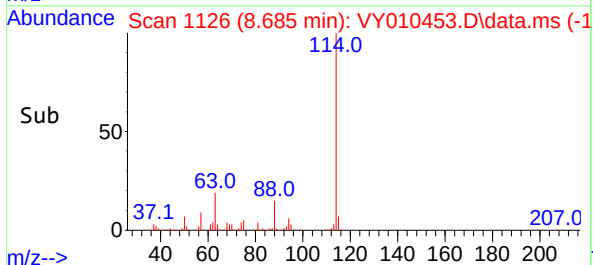
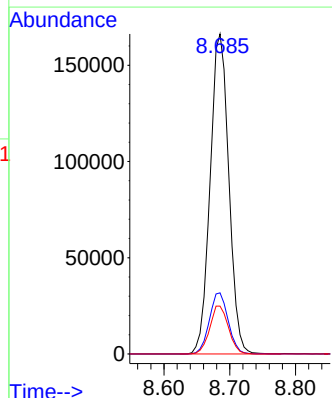
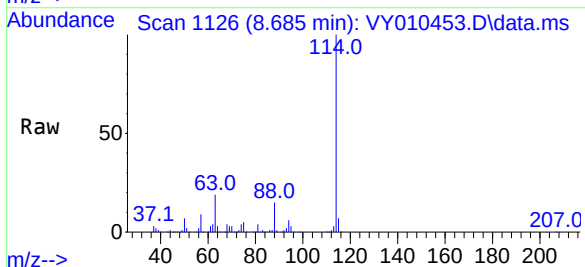
Tgt Ion: 114 Resp: 328263

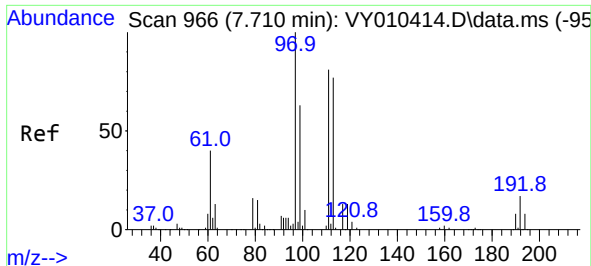
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

88 14.9 0.0 31.8

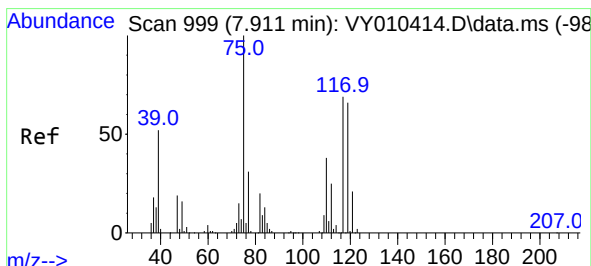
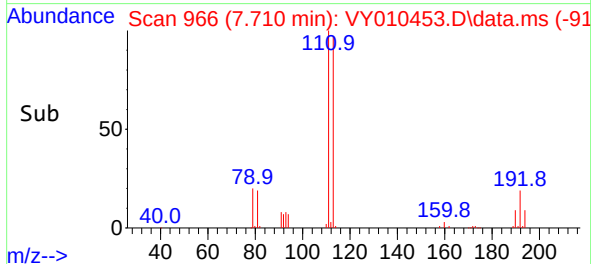
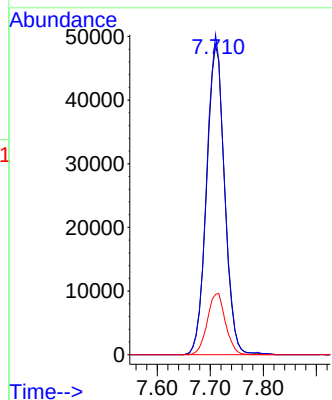
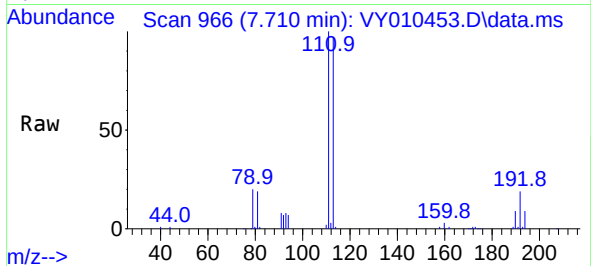




#35
Dibromofluoromethane
Concen: 49.193 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

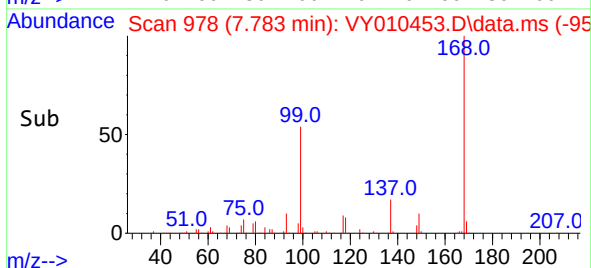
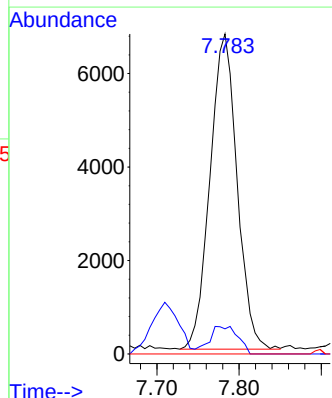
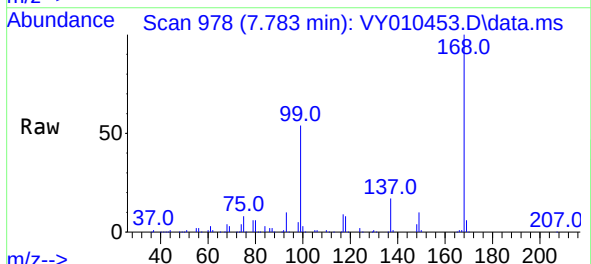
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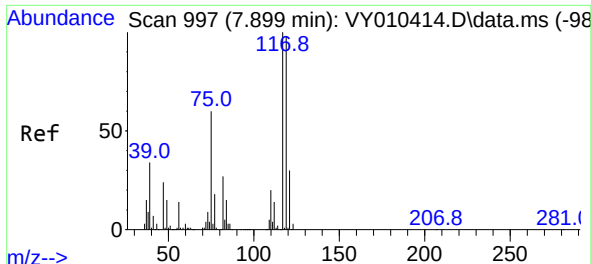
Tgt Ion:113 Resp: 114685
Ion Ratio Lower Upper
113 100
111 102.0 82.6 124.0
192 19.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.839 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 75 Resp: 15443
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#

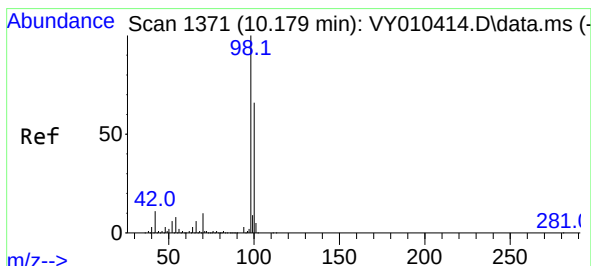
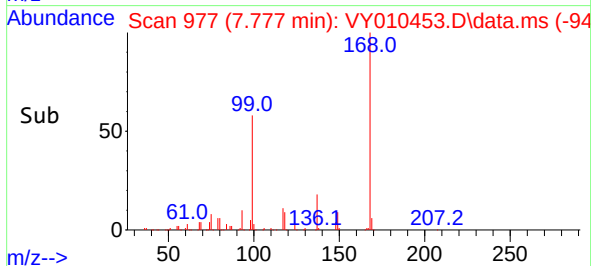
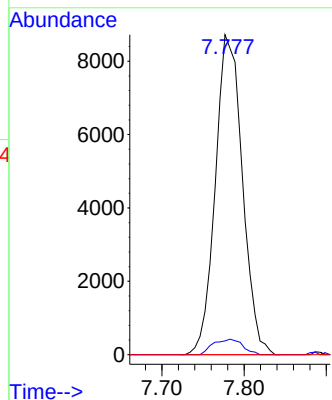
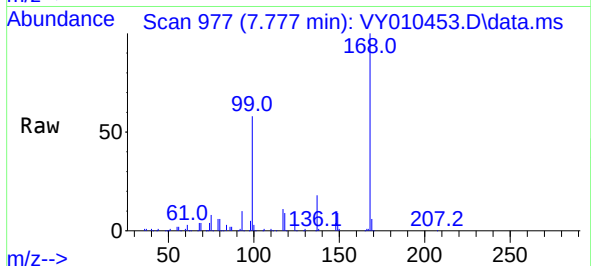




#38
Carbon Tetrachloride
Concen: 5.621 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

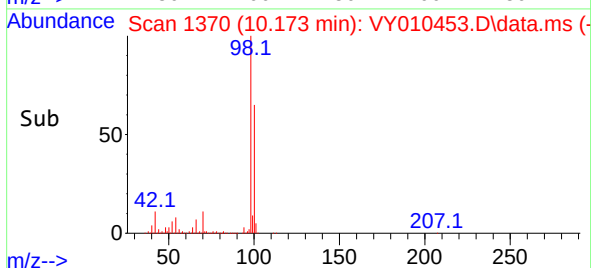
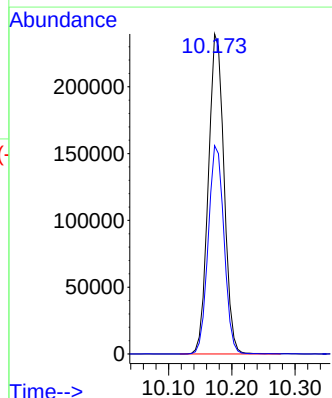
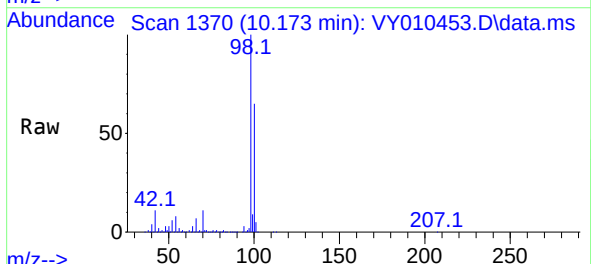
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

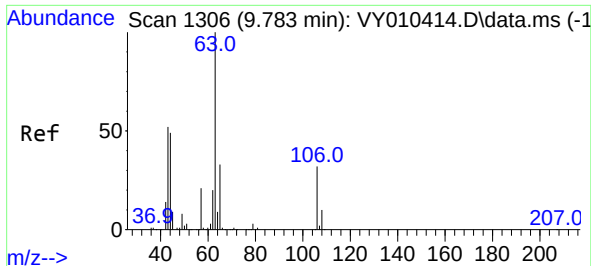
Tgt Ion:117 Resp: 19958
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.766 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 98 Resp: 413799
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

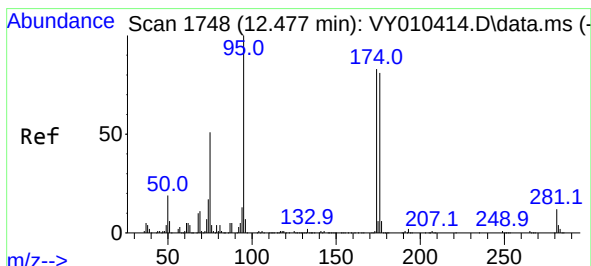
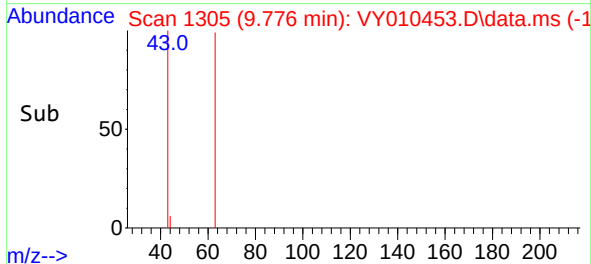
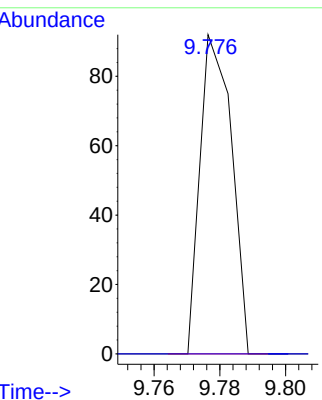
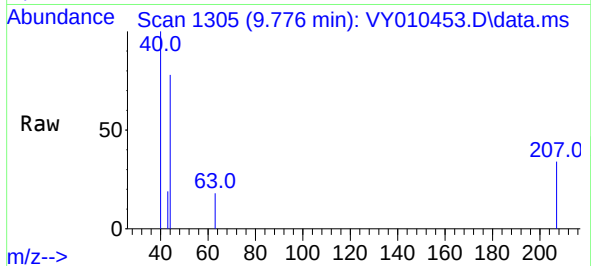




#58
2-Chloroethyl Vinyl ether
Concen: Below Cal
RT: 9.776 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

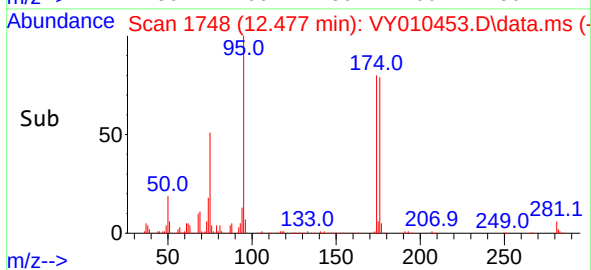
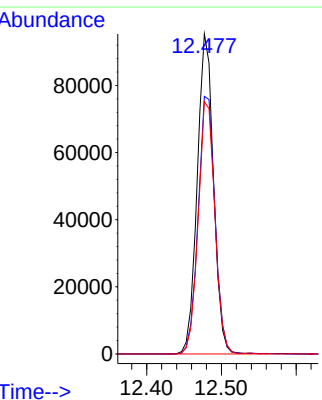
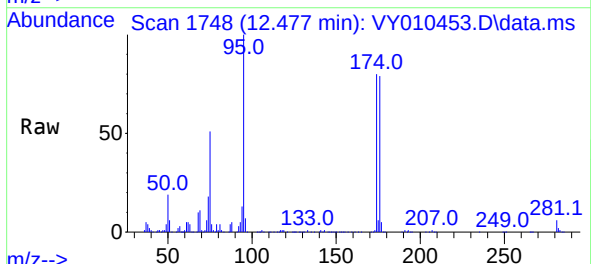
Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

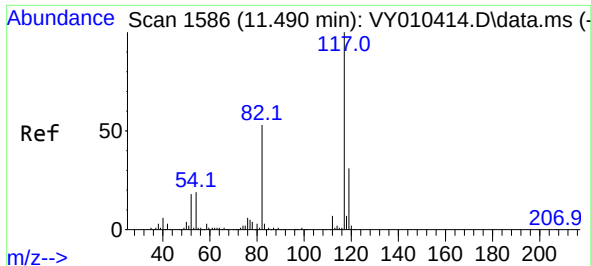
Tgt Ion: 63 Resp: 61
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#62
4-Bromofluorobenzene
Concen: 47.899 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

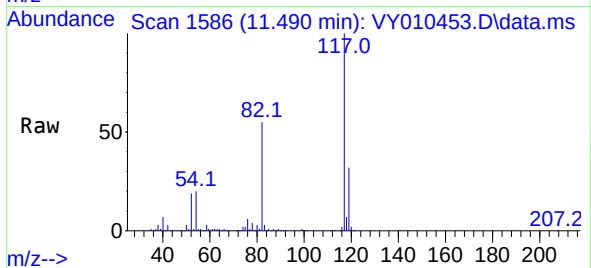
Tgt Ion: 95 Resp: 144230
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 80.6 0.0 175.8



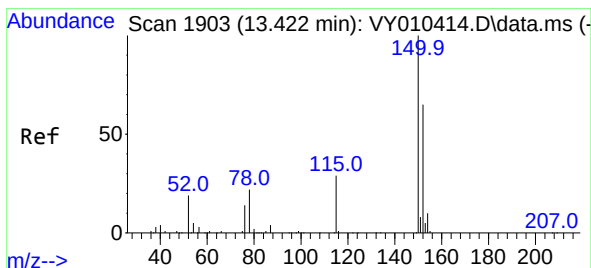
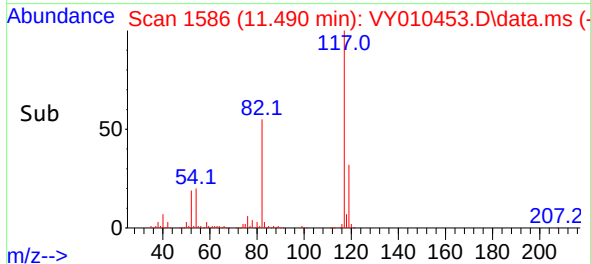
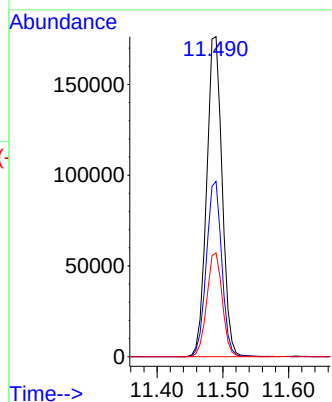


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

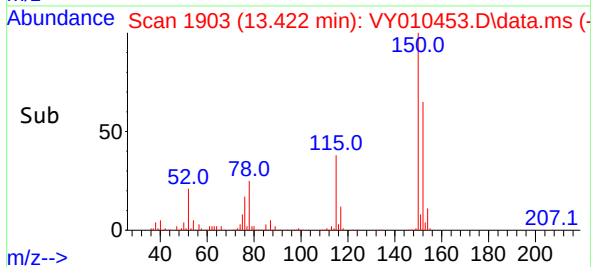
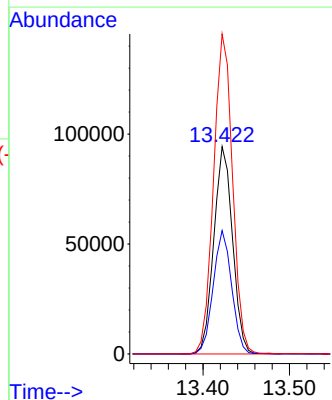
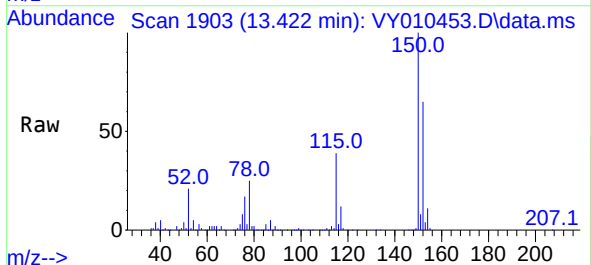


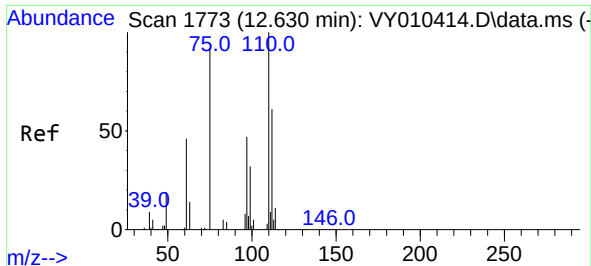
Tgt Ion:117 Resp: 288872
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 32.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion:152 Resp: 142249
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 155.8 0.0 347.6

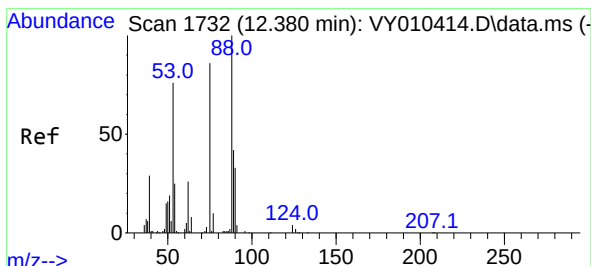
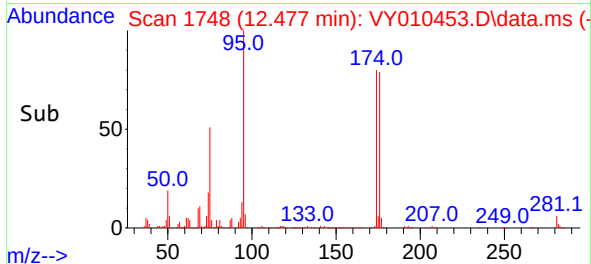
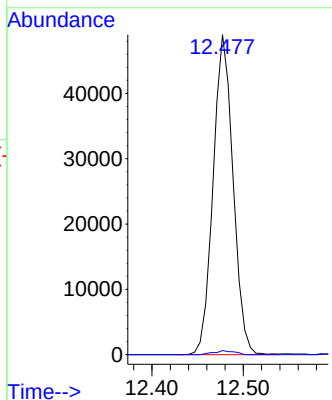
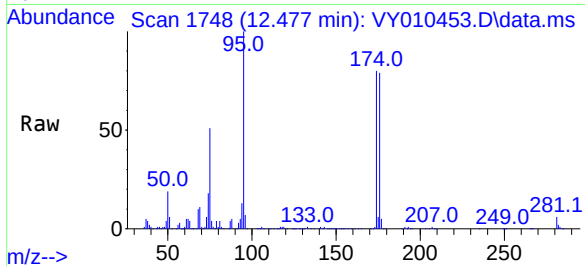




#76
1,2,3-Trichloropropane
Concen: 47.272 ug/l
RT: 12.477 min Scan# 1773
Delta R.T. -0.153 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Instrument :
MSVOA_Y
ClientSampleId :
VY0913SBL01

Tgt Ion: 75 Resp: 74214
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.960 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010453.D
Acq: 13 Sep 2022 13:00

Tgt Ion: 75 Resp: 74214
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.2 37.0 55.4#

