

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111022\
 Data File : VY011393.D
 Acq On : 10 Nov 2022 16:16
 Operator : KP/MD
 Sample : N5531-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP03

Quant Time: Nov 10 22:17:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

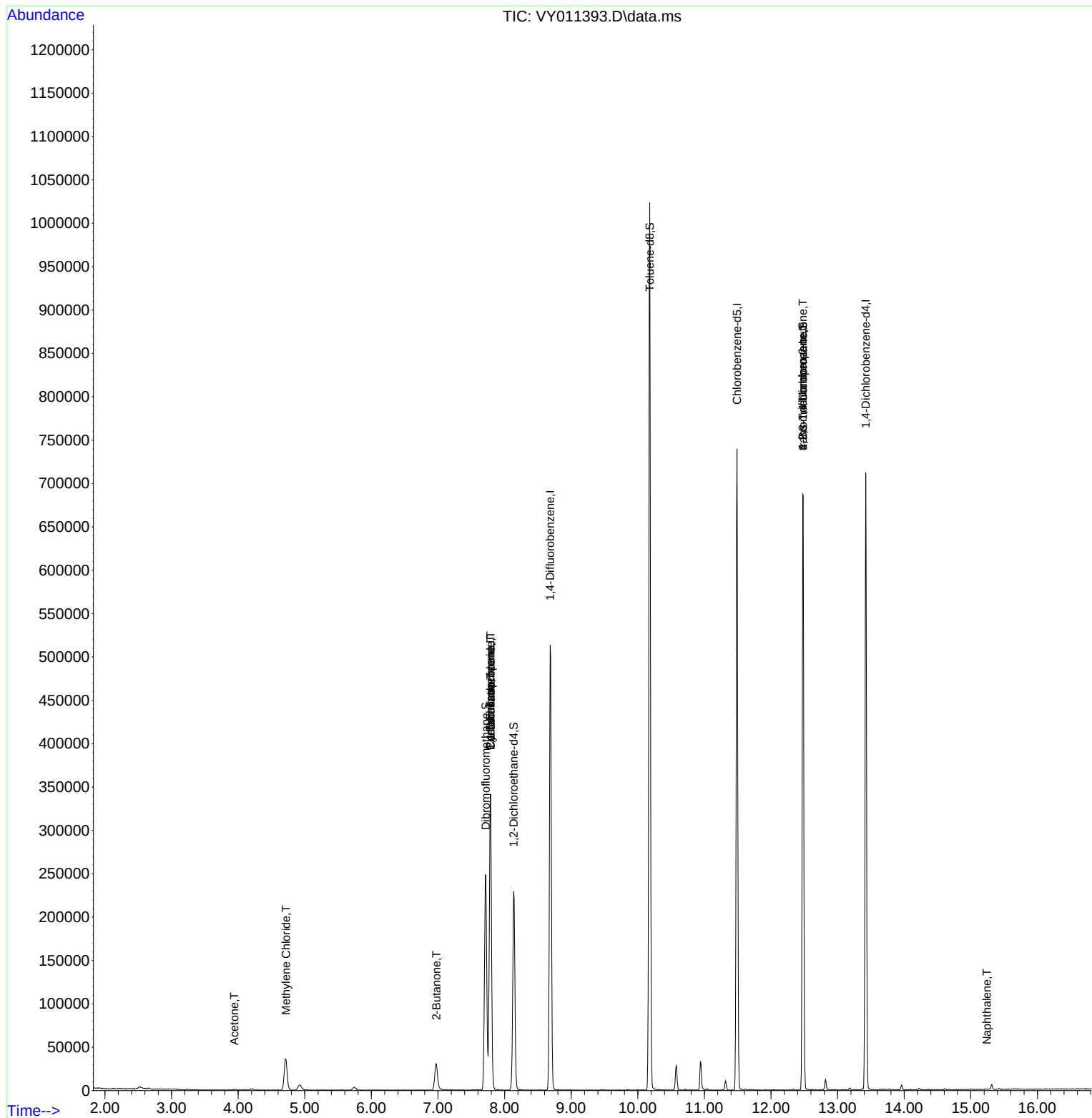
Internal Standards						
1) Pentafluorobenzene	7.789	168	280563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	472553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	422002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191445	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	176604	75.118	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.240%	
35) Dibromofluoromethane	7.716	113	180257	68.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.140%	
50) Toluene-d8	10.179	98	691839	68.382	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 136.760%	
62) 4-Bromofluorobenzene	12.477	95	219584	62.226	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 124.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	108	Below Cal	#	43
11) Tert butyl alcohol	4.924	59	6131	Below Cal	#	77
16) Acetone	3.942	43	1681	2.710	ug/l	93
18) Methyl Acetate	4.692	43	75	Below Cal	#	56
20) Methylene Chloride	4.716	84	30259	1.742	ug/l	# 75
25) 2-Butanone	6.978	43	1696	1.919	ug/l	# 79
31) Cyclohexane	7.789	56	4459	1.055	ug/l	# 1
36) 1,1-Dichloropropene	7.789	75	19067	4.639	ug/l	# 51
38) Carbon Tetrachloride	7.789	117	27189	6.081	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	103931	46.900	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	103931	112.732	ug/l	# 7
95) Naphthalene	15.239	128	663	3.361	ug/l	# 69

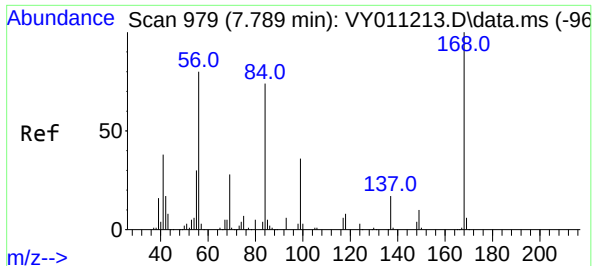
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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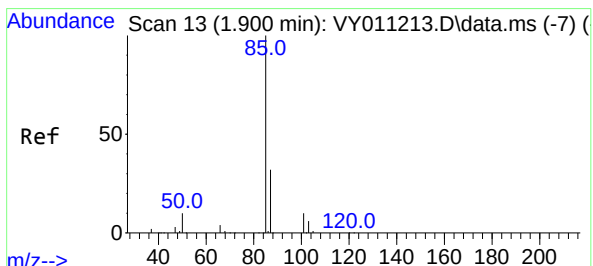
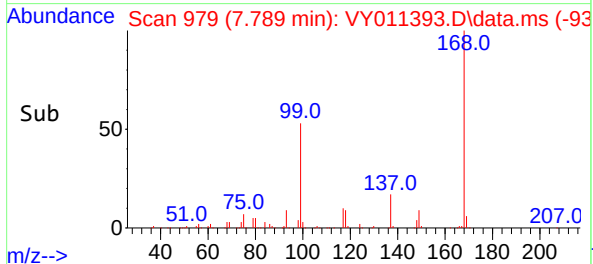
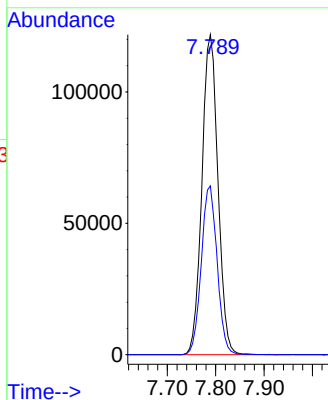
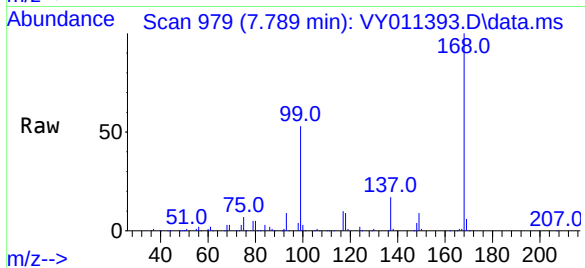




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

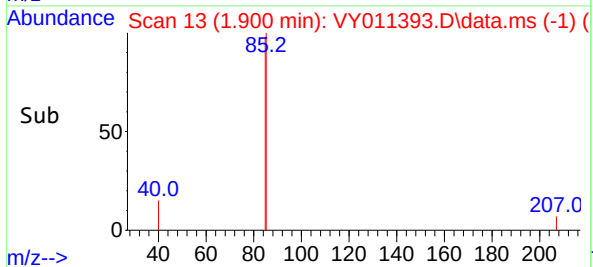
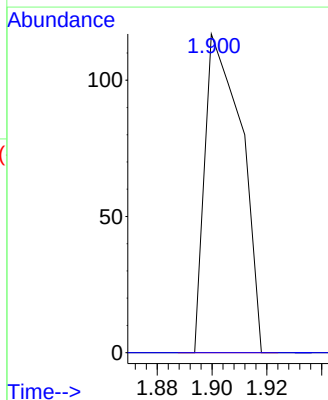
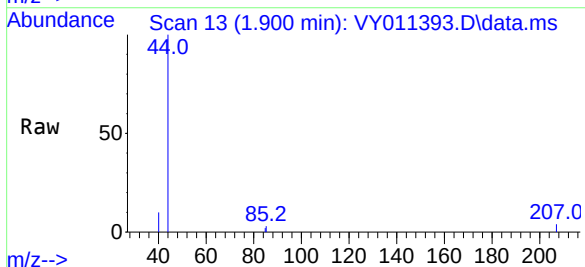
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

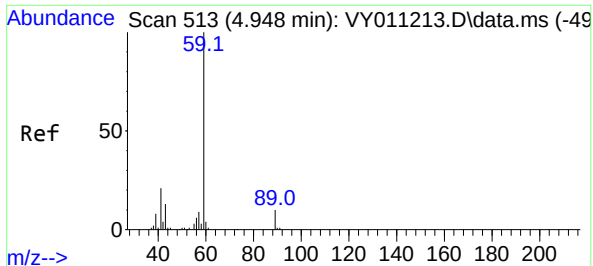
Tgt Ion:168 Resp: 280563
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 85 Resp: 108
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY011393.D

Acq: 10 Nov 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

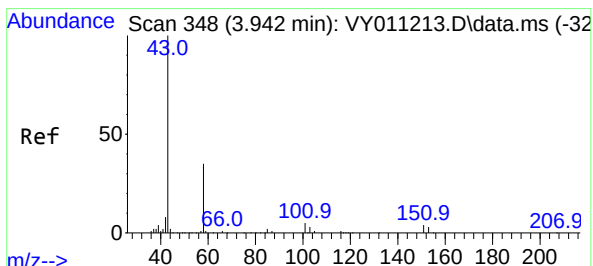
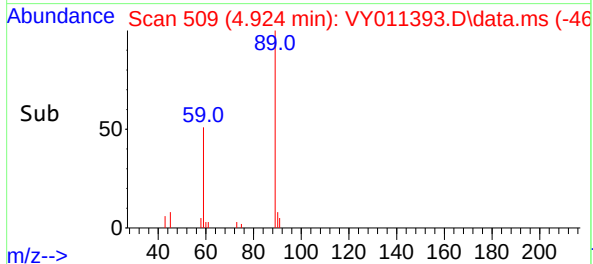
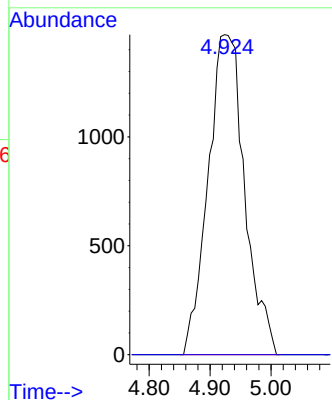
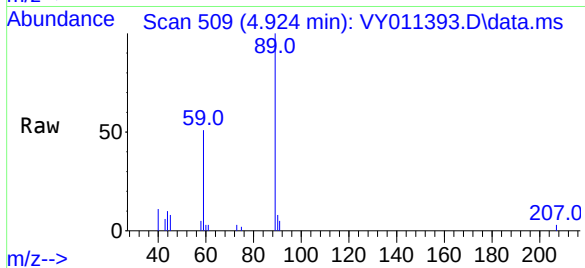
DUP03

Tgt Ion: 59 Resp: 6131

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 2.710 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY011393.D

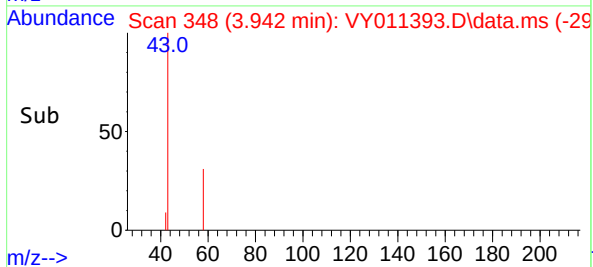
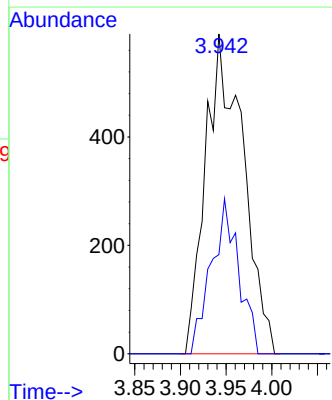
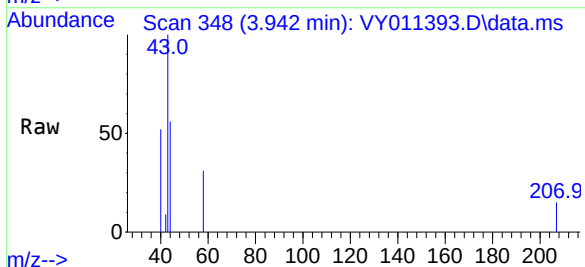
Acq: 10 Nov 2022 16:16

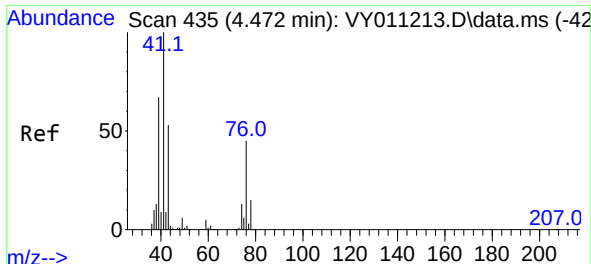
Tgt Ion: 43 Resp: 1681

Ion Ratio Lower Upper

43 100

58 31.0 22.0 33.0

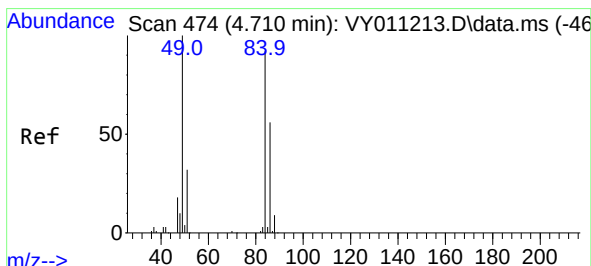
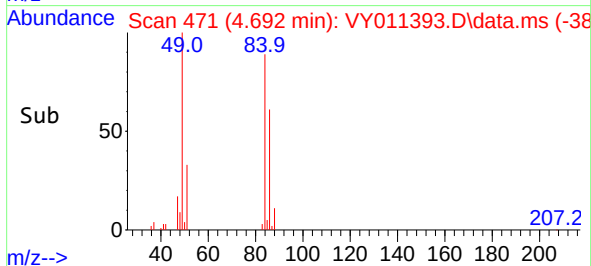
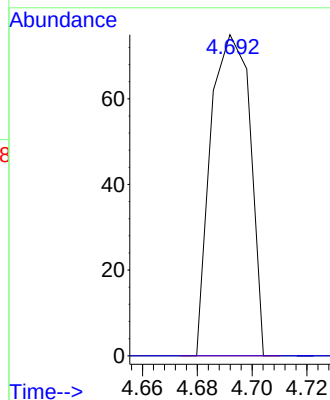
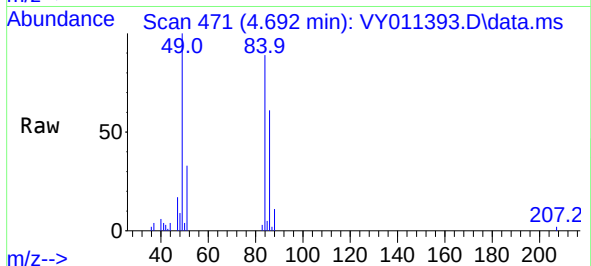




#18
Methyl Acetate
Concen: Below Cal
RT: 4.692 min Scan# 41
Delta R.T. 0.219 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

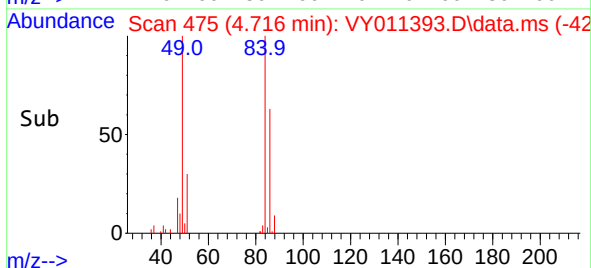
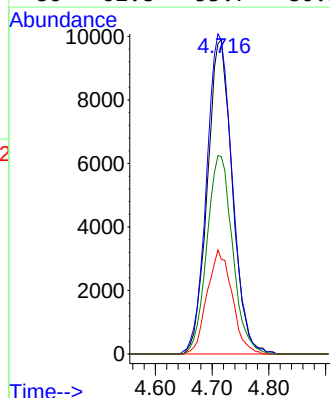
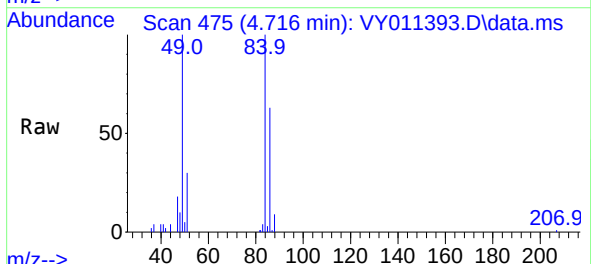
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

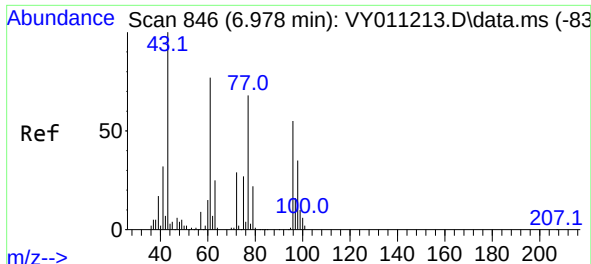
Tgt Ion: 43 Resp: 75
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.742 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 84 Resp: 30259
Ion Ratio Lower Upper
84 100
49 99.9 114.4 171.6#
51 30.2 35.3 52.9#
86 62.8 53.7 80.5

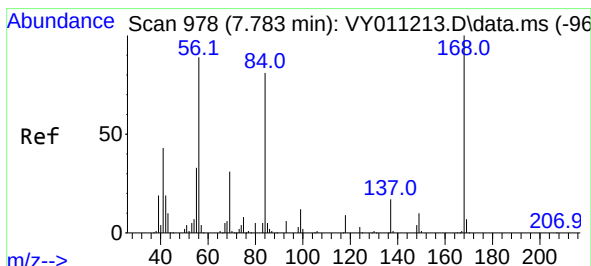
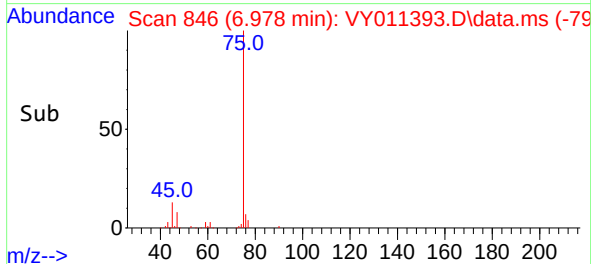
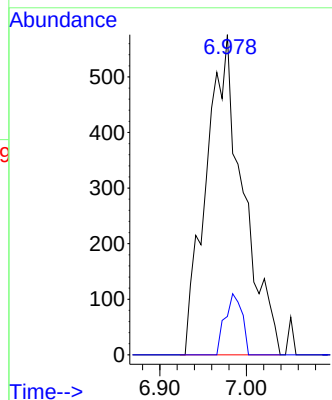
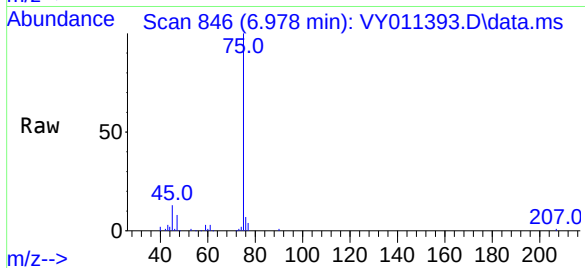




#25
2-Butanone
Concen: 1.919 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

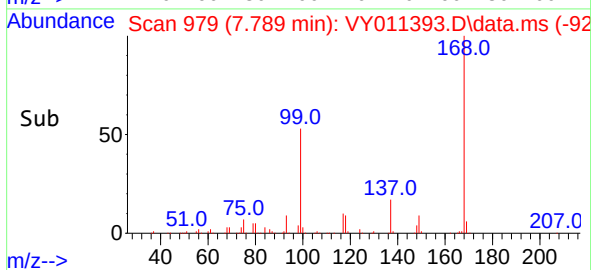
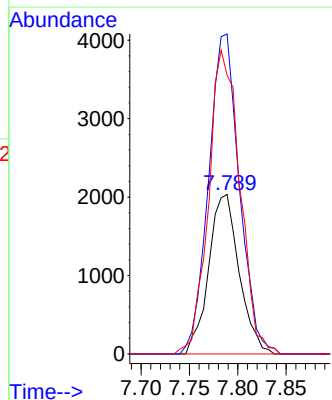
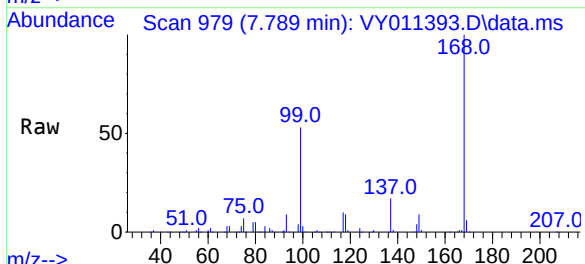
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

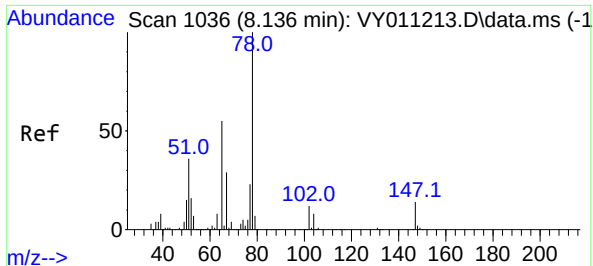
Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
72 12.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 56 Resp: 4459
Ion Ratio Lower Upper
56 100
69 200.6 26.7 40.1#
84 174.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 75.118 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY011393.D

Acq: 10 Nov 2022 16:16

Instrument :

MSVOA_Y

ClientSampleId :

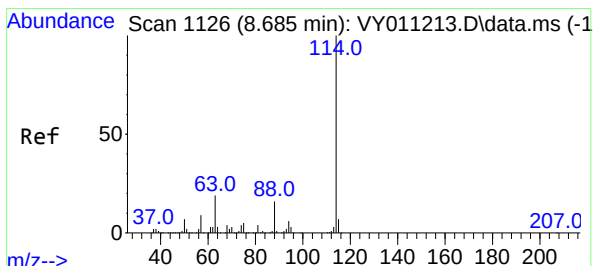
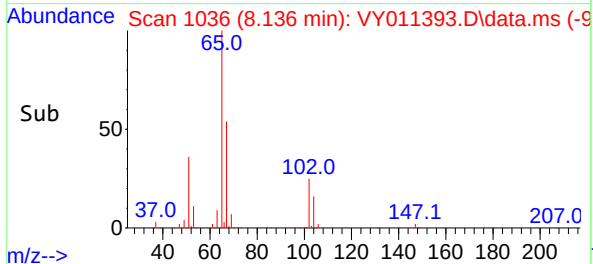
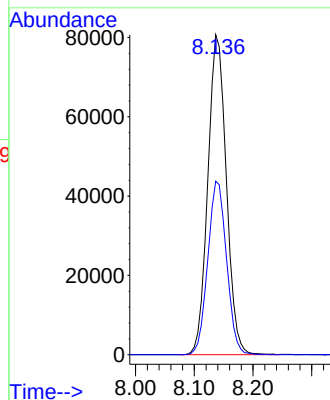
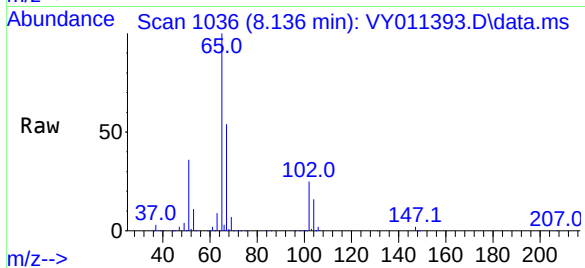
DUP03

Tgt Ion: 65 Resp: 176604

Ion Ratio Lower Upper

65 100

67 54.9 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: VY011393.D

Acq: 10 Nov 2022 16:16

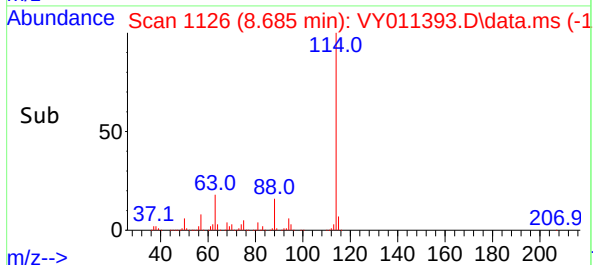
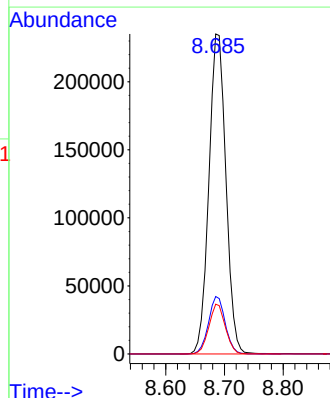
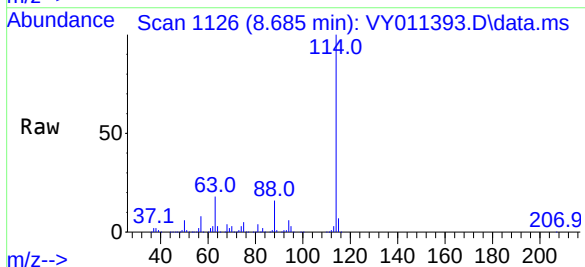
Tgt Ion: 114 Resp: 472553

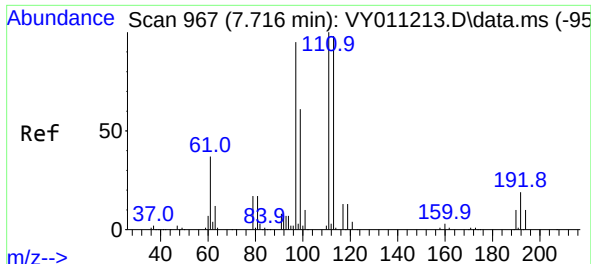
Ion Ratio Lower Upper

114 100

63 18.0 0.0 43.2

88 15.5 0.0 31.8

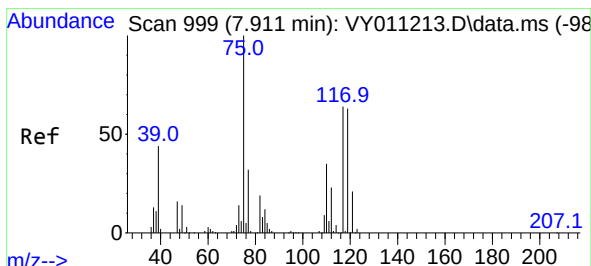
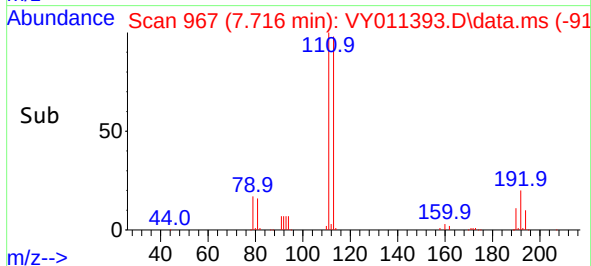
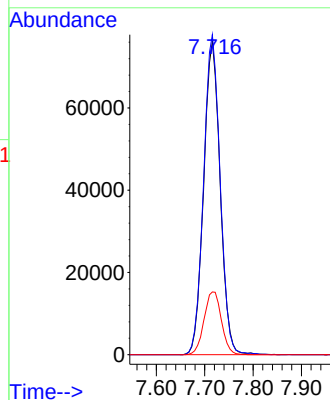
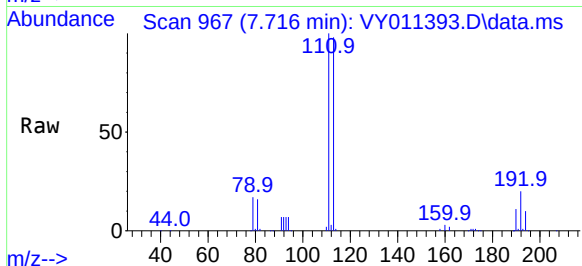




#35
Dibromofluoromethane
Concen: 68.065 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

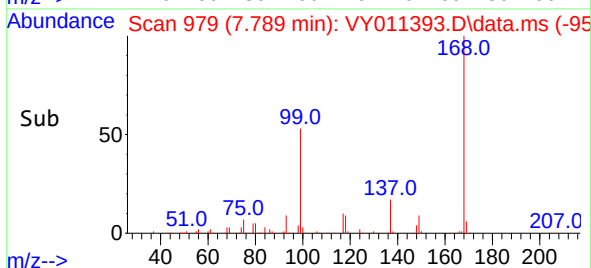
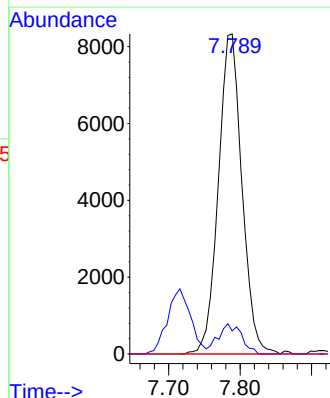
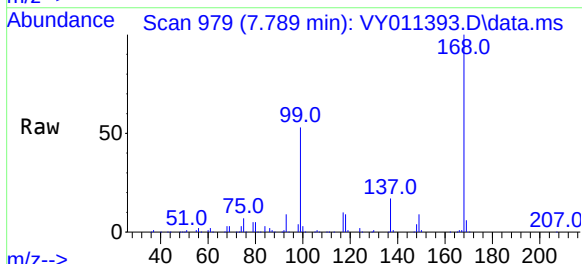
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

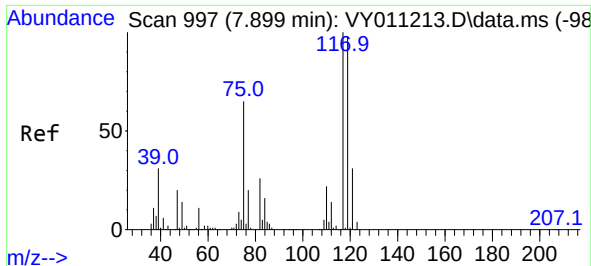
Tgt Ion:113 Resp: 180257
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 21.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.639 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 75 Resp: 19067
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#

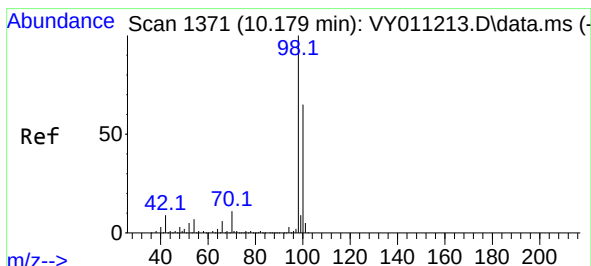
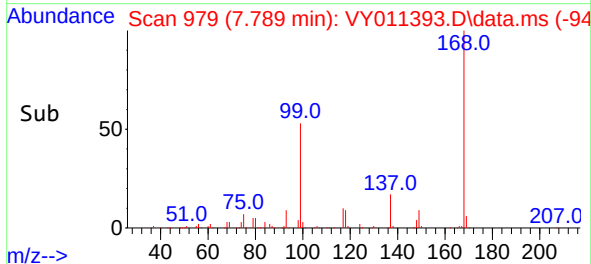
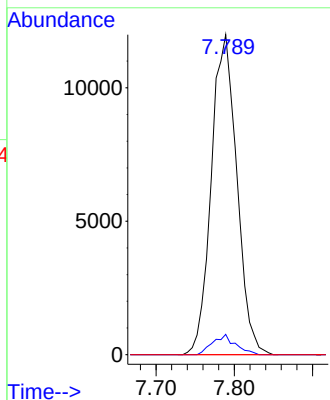
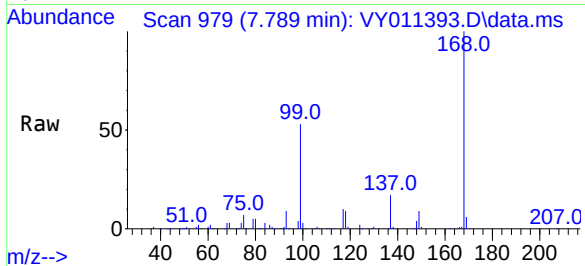




#38
Carbon Tetrachloride
Concen: 6.081 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

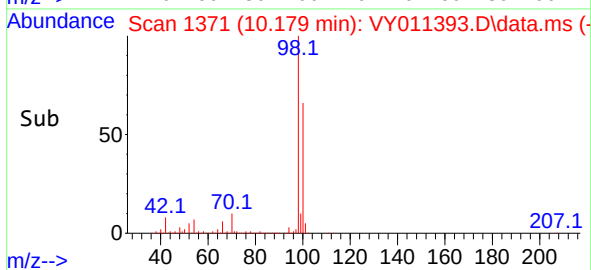
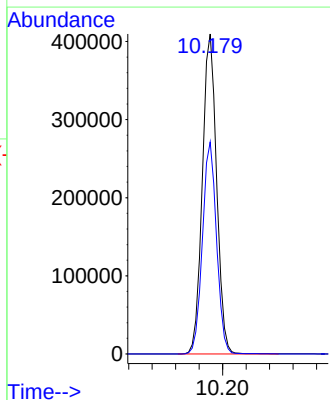
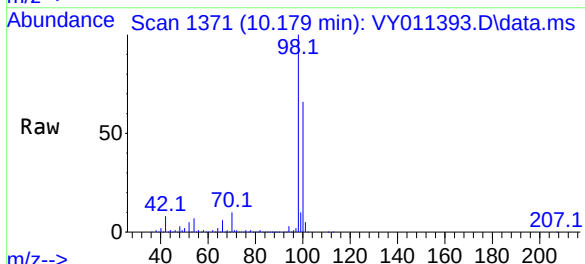
Instrument :
MSVOA_Y
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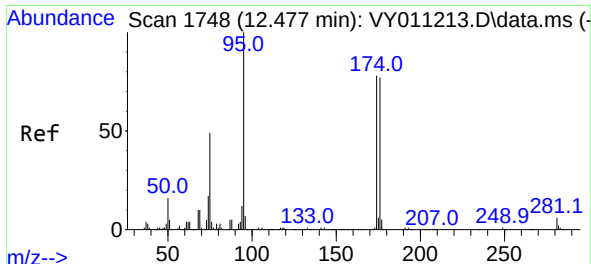
Tgt Ion:117 Resp: 27189
Ion Ratio Lower Upper
117 100
119 6.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 68.382 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 98 Resp: 691839
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

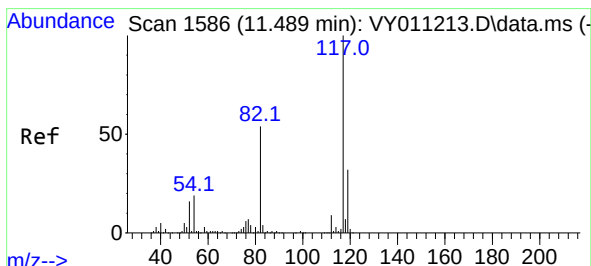
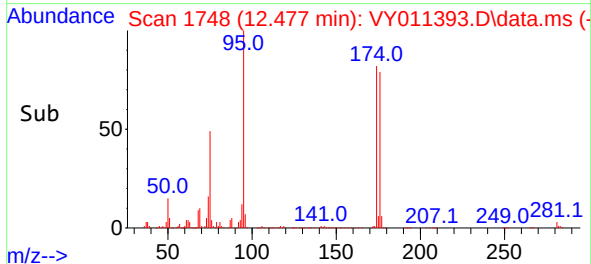
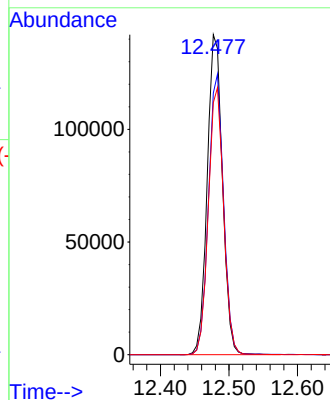
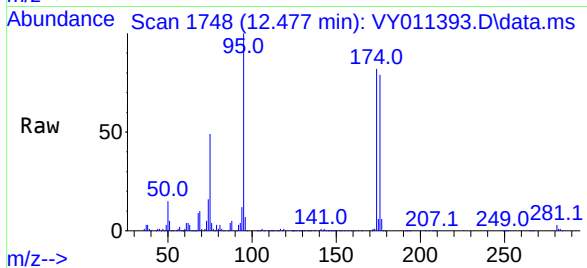




#62
4-Bromofluorobenzene
Concen: 62.226 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

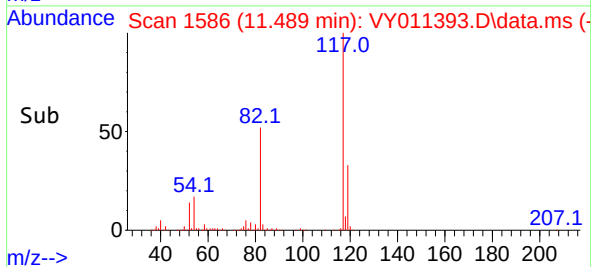
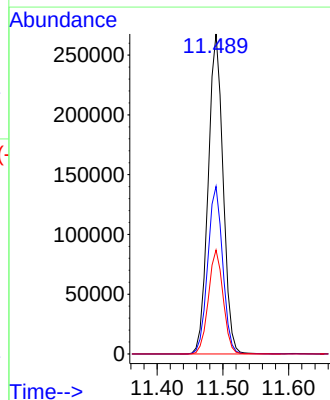
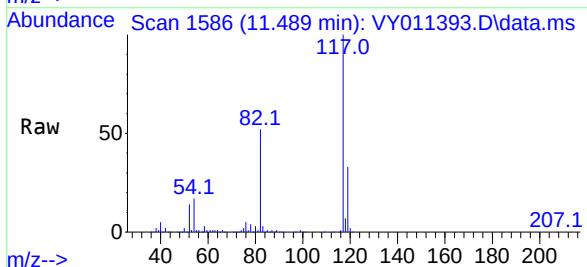
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

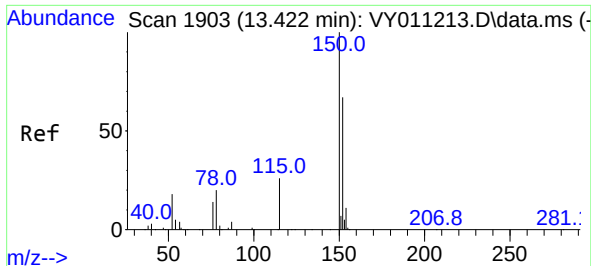
Tgt Ion: 95 Resp: 219584
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 83.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 117 Resp: 422002
Ion Ratio Lower Upper
117 100
82 52.4 43.0 64.4
119 32.5 25.4 38.0

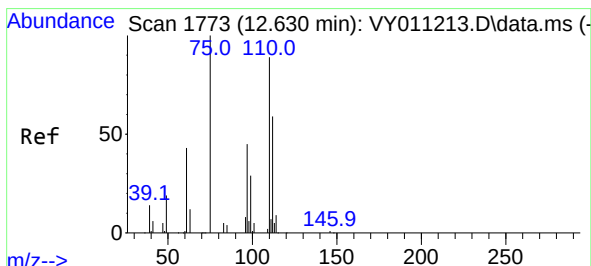
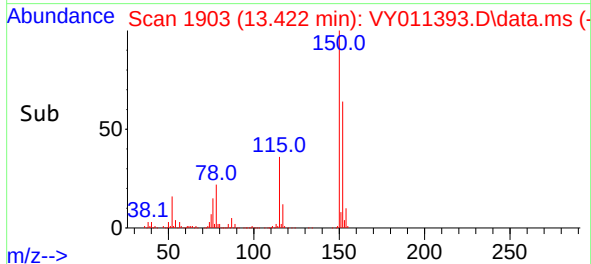
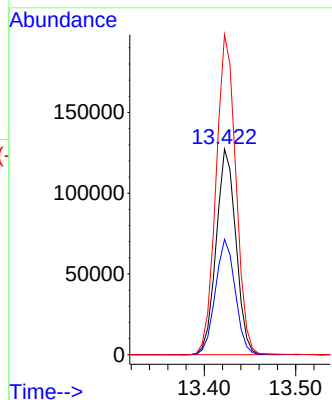
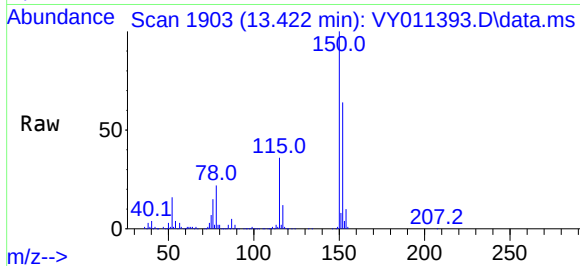




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

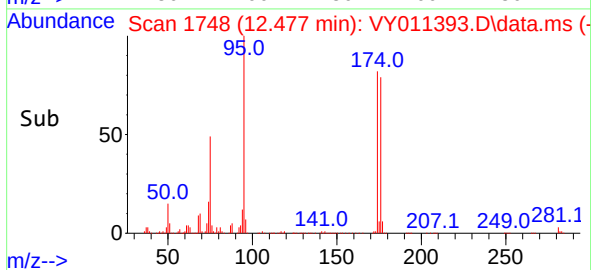
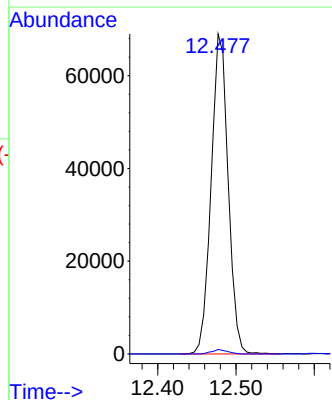
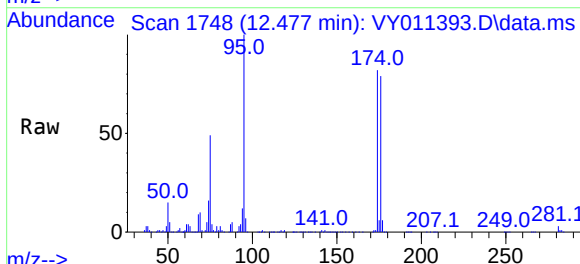
Instrument :
MSVOA_Y
ClientSampleId :
DUP03

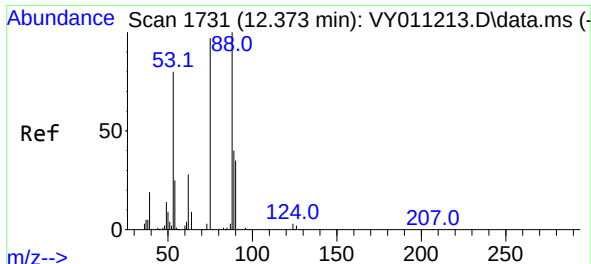
Tgt Ion:152 Resp: 191445
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 46.900 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion: 75 Resp: 103931
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

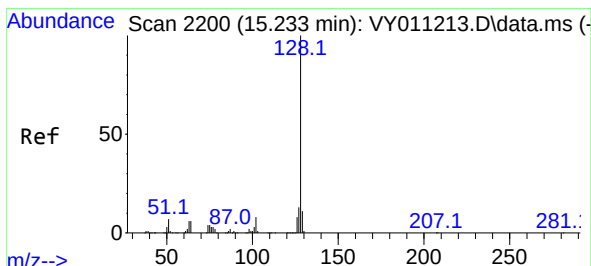
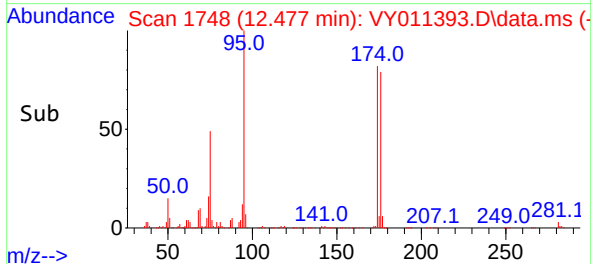
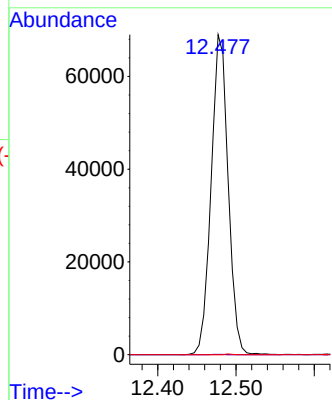
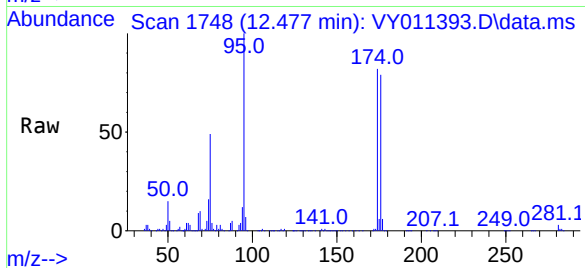




#81
trans-1,4-Dichloro-2-butene
Concen: 112.732 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Instrument :
MSVOA_Y
ClientSampleId :
DUP03

Tgt Ion: 75 Resp: 103931
Ion Ratio Lower Upper
75 100
53 0.1 85.3 127.9#
89 0.1 37.0 55.4#



#95
Naphthalene
Concen: 3.361 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011393.D
Acq: 10 Nov 2022 16:16

Tgt Ion:128 Resp: 663
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

