

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007905.D
 Acq On : 18 Mar 2022 16:21
 Operator : SY/MD
 Sample : N1948-03
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-6

Quant Time: Mar 19 01:37:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

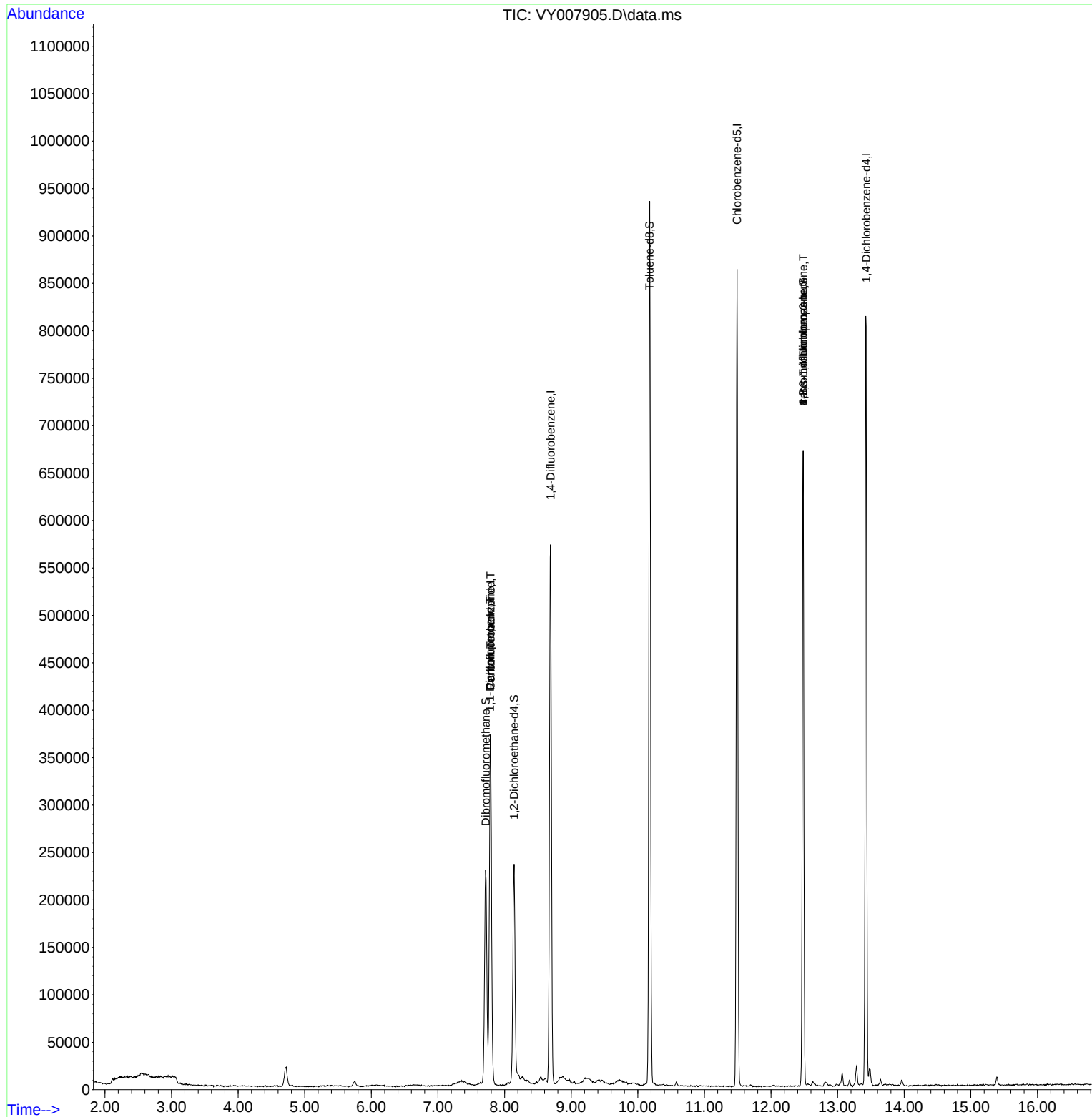
Internal Standards						
1) Pentafluorobenzene	7.789	168	278358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	510375	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	467722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	175650	55.344	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.680%	
35) Dibromofluoromethane	7.716	113	161805	45.142	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 90.280%	
50) Toluene-d8	10.179	98	613534	57.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 115.160%	
62) 4-Bromofluorobenzene	12.483	95	220598	42.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.760%	
Target Compounds						
2) Dichlorodifluoromethane	1.912	85	104	Below Cal	#	Qvalue 43
3) Chloromethane	2.107	50	931	Below Cal	#	76
4) Vinyl Chloride	2.266	62	166	Below Cal	#	43
5) Bromomethane	2.650	94	276	Below Cal	#	55
17) Carbon Disulfide	4.192	76	82	Below Cal	#	1
18) Methyl Acetate	4.473	43	373	Below Cal	#	78
31) Cyclohexane	7.783	56	6344	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	22965	4.320	ug/l #	50
38) Carbon Tetrachloride	7.789	117	28655	5.044	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	112252	38.143	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	112252	80.115	ug/l #	7

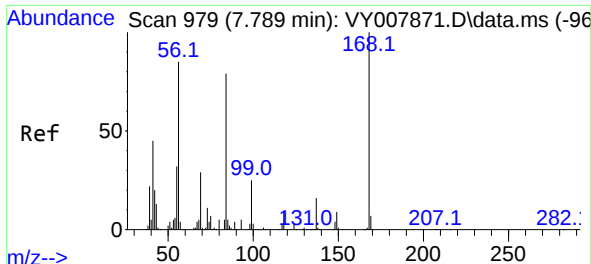
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 17 13:55:34 2022
Response via : Initial Calibration

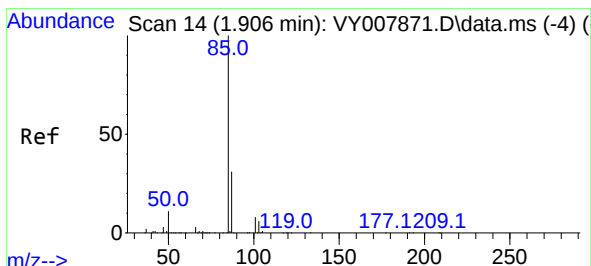
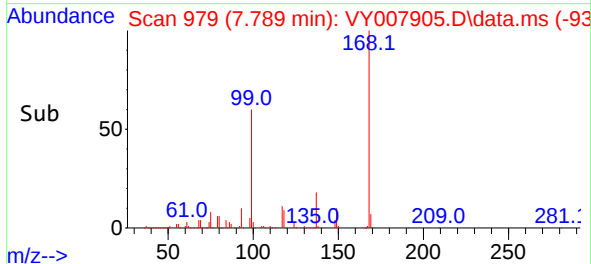
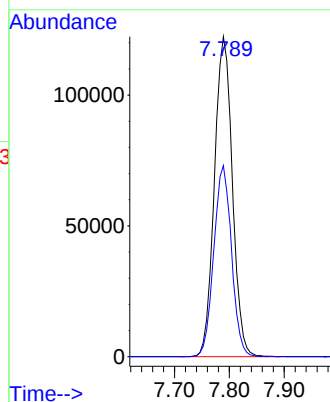
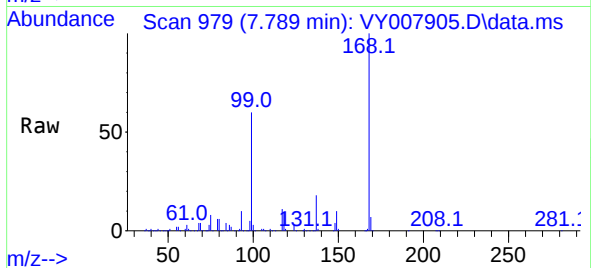




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

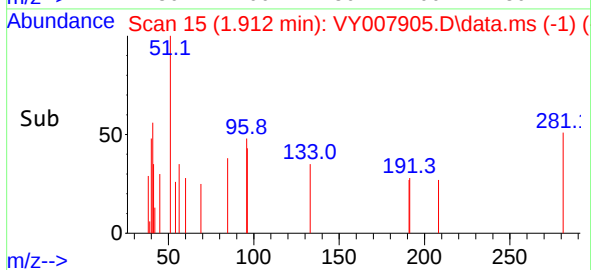
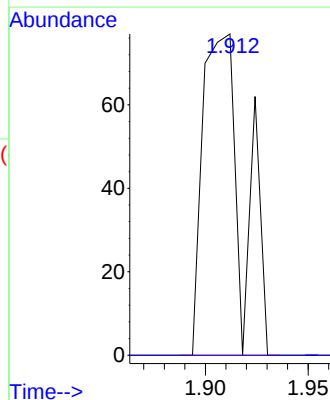
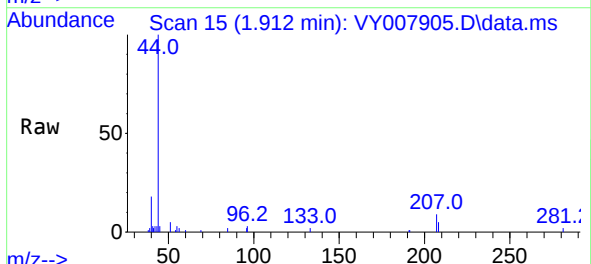
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

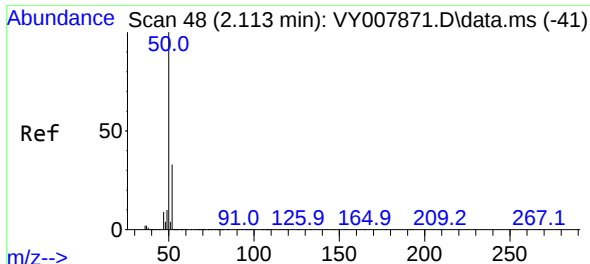
Tgt Ion:168 Resp: 278358
Ion Ratio Lower Upper
168 100
99 59.7 46.9 70.3



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 85 Resp: 104
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

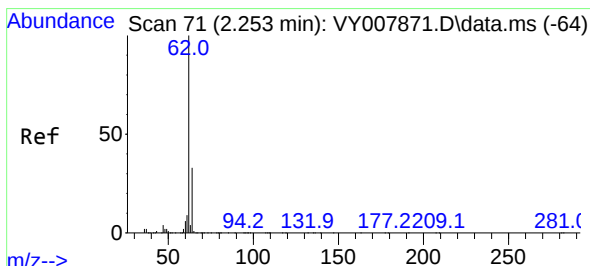
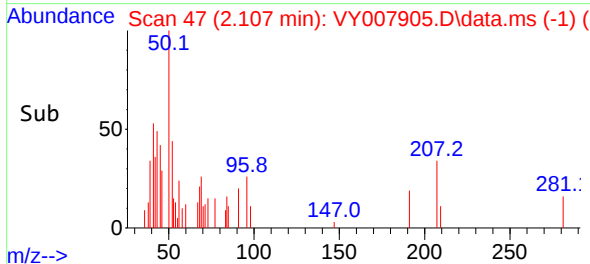
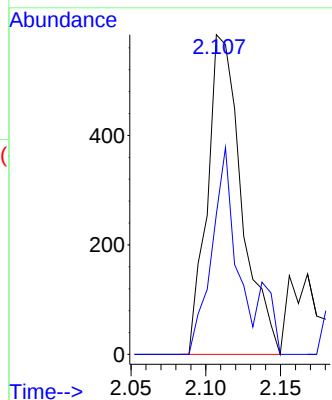
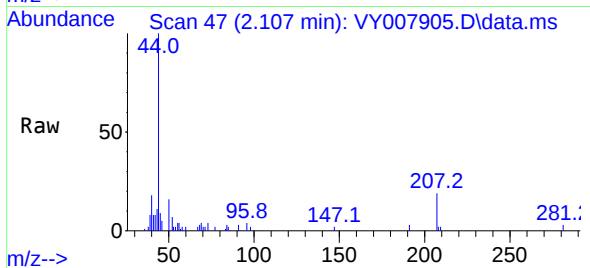




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

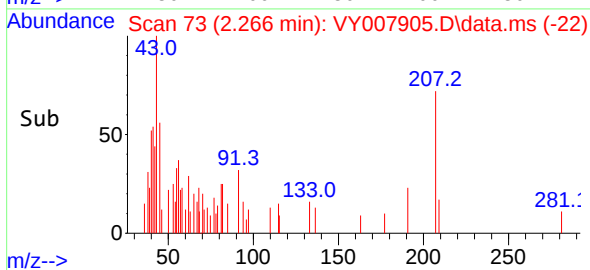
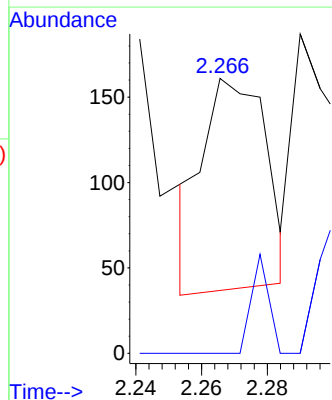
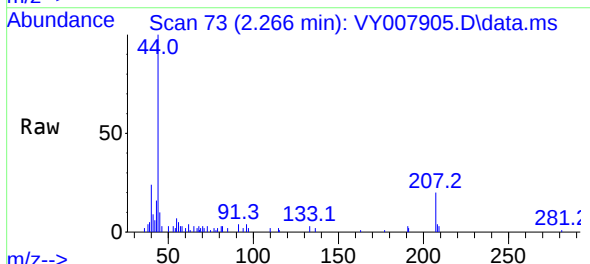
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

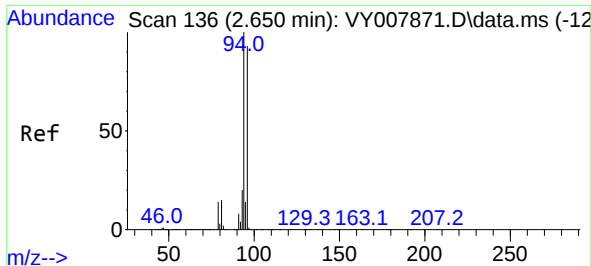
Tgt Ion: 50 Resp: 931
Ion Ratio Lower Upper
50 100
52 43.8 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.266 min Scan# 73
Delta R.T. 0.012 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 62 Resp: 166
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

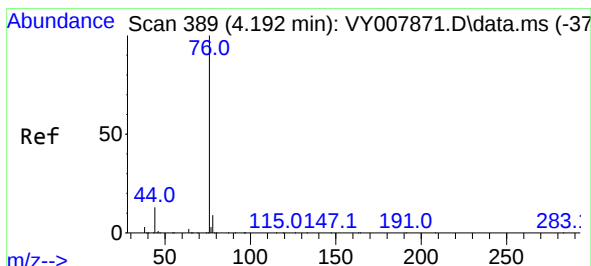
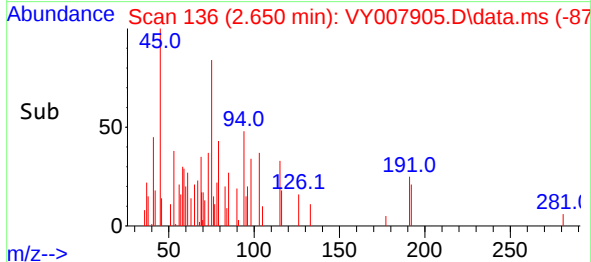
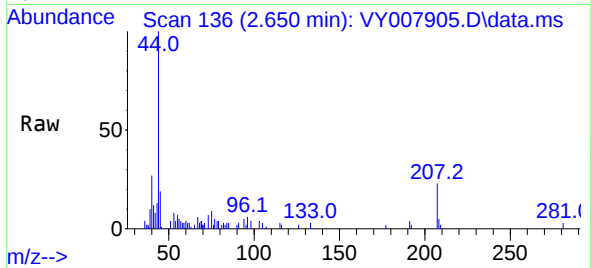




#5
Bromomethane
Concen: Below Cal
RT: 2.650 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

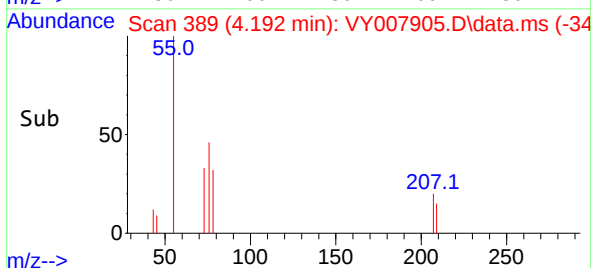
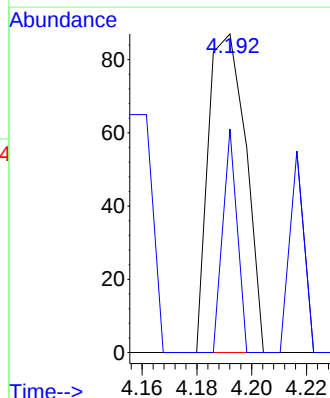
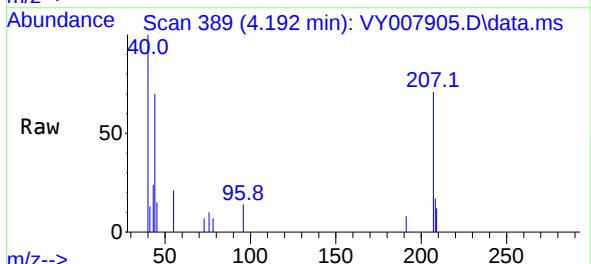
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

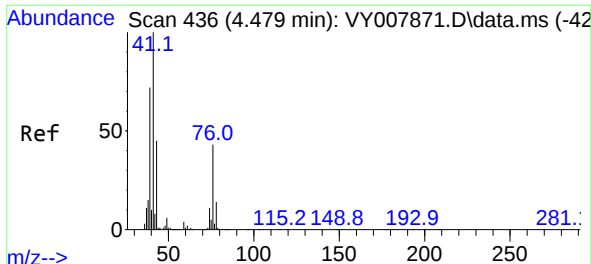
Tgt Ion: 94 Resp: 276
Ion Ratio Lower Upper
94 100
96 49.3 73.5 110.3#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 76 Resp: 82
Ion Ratio Lower Upper
76 100
78 70.1 7.4 11.0#

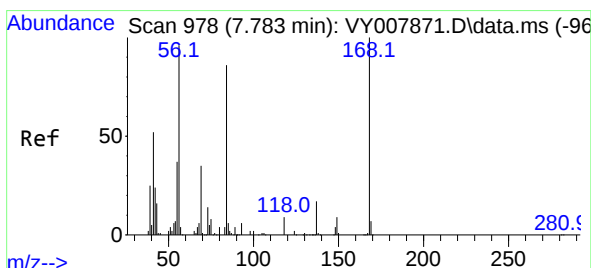
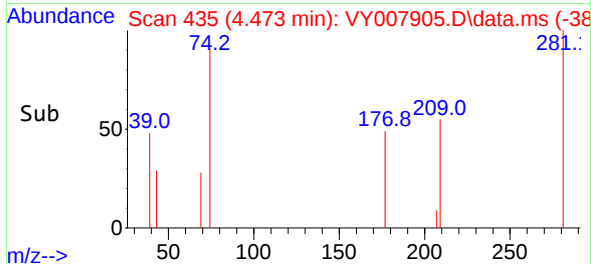
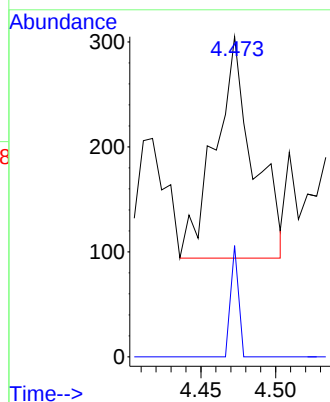
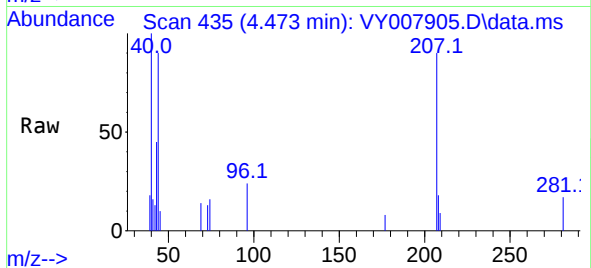




#18
Methyl Acetate
Concen: Below Cal
RT: 4.473 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

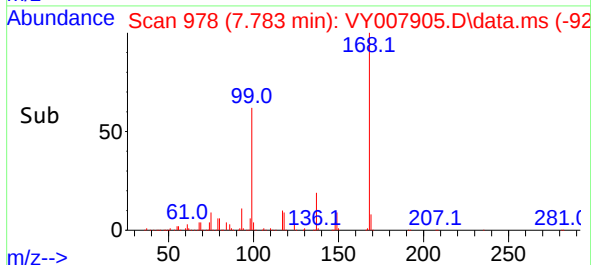
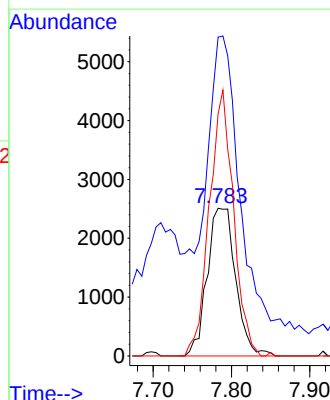
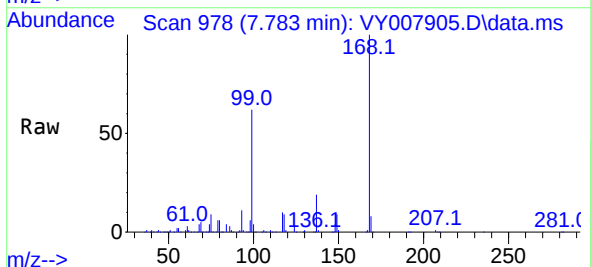
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

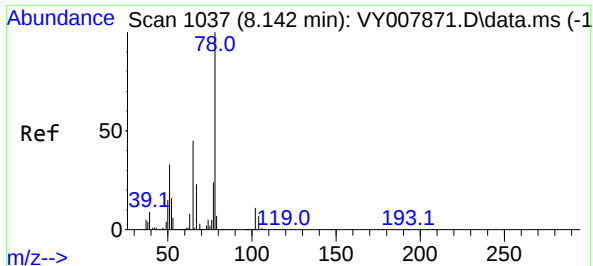
Tgt Ion: 43 Resp: 373
Ion Ratio Lower Upper
43 100
74 10.5 16.6 24.8#



#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 56 Resp: 6344
Ion Ratio Lower Upper
56 100
69 190.8 26.7 40.1#
84 163.8 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 55.344 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY007905.D

Acq: 18 Mar 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

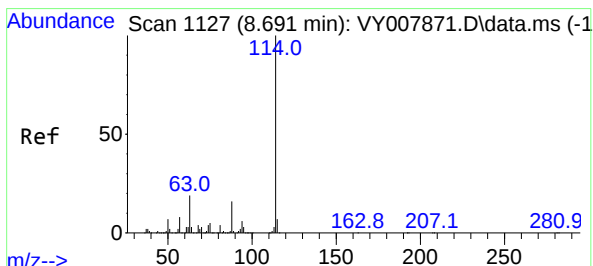
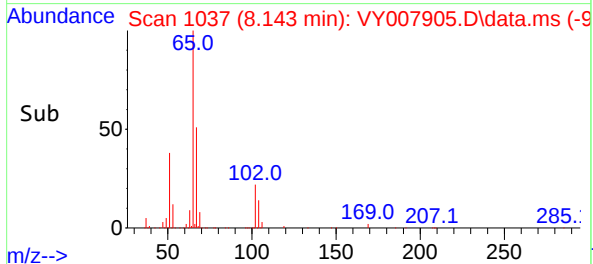
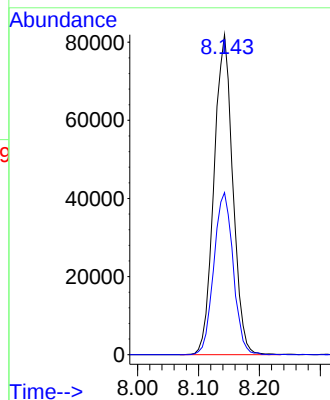
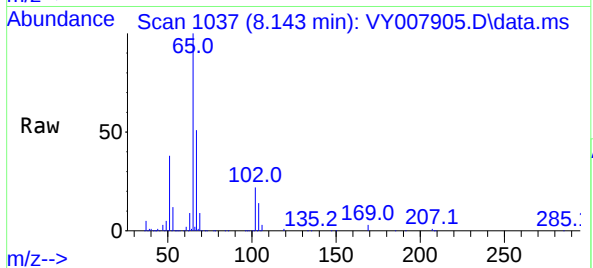
COMP-6

Tgt Ion: 65 Resp: 175650

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY007905.D

Acq: 18 Mar 2022 16:21

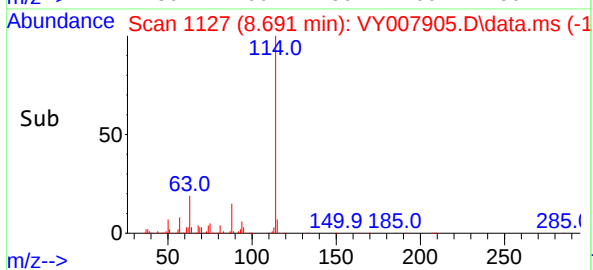
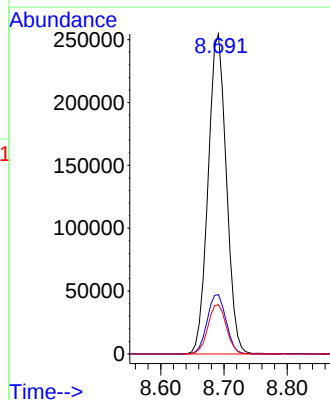
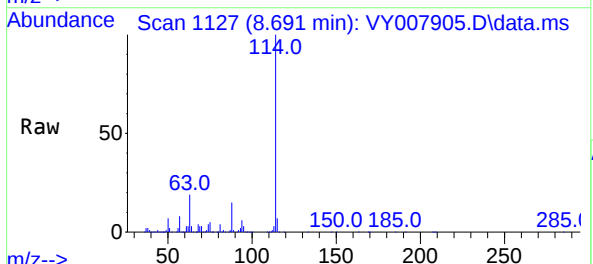
Tgt Ion: 114 Resp: 510375

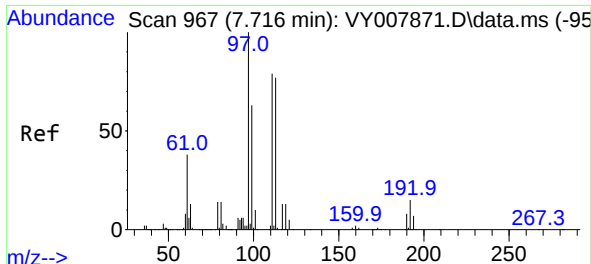
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.4 0.0 31.8





#35

Dibromofluoromethane

Concen: 45.142 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

Lab File: VY007905.D

Acq: 18 Mar 2022 16:21

Instrument :

MSVOA_Y

ClientSampleId :

COMP-6

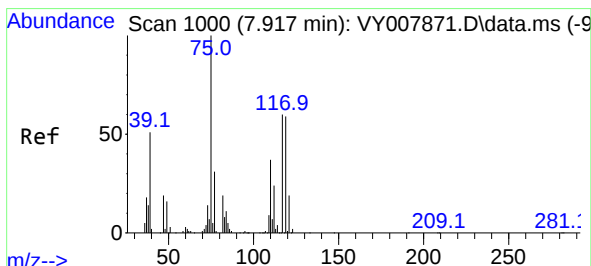
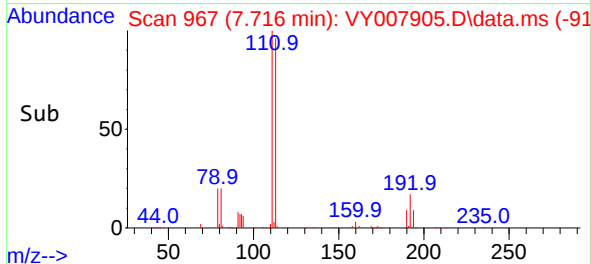
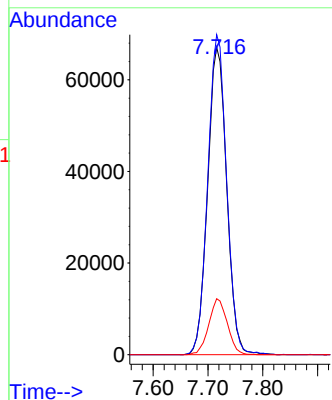
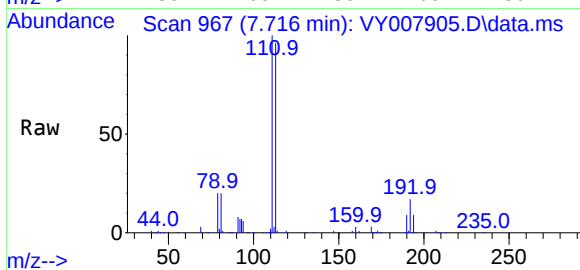
Tgt Ion:113 Resp: 161805

Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 17.7 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.320 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY007905.D

Acq: 18 Mar 2022 16:21

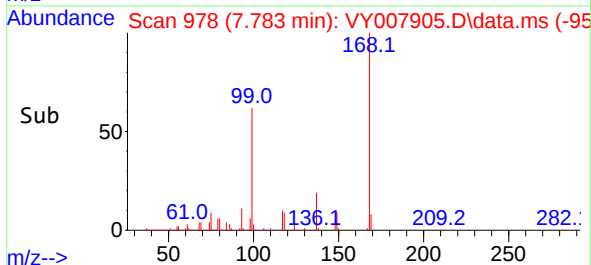
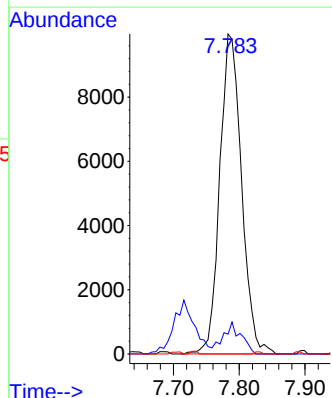
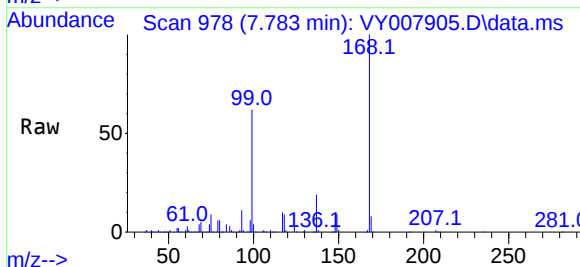
Tgt Ion: 75 Resp: 22965

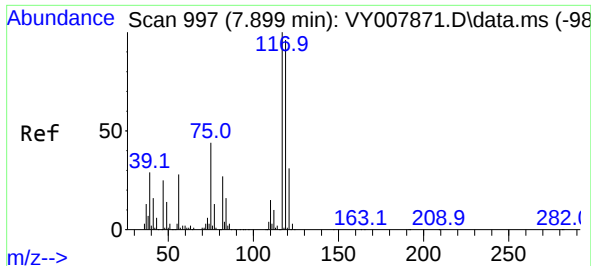
Ion Ratio Lower Upper

75 100

110 8.1 17.1 51.2#

77 0.0 24.4 36.6#

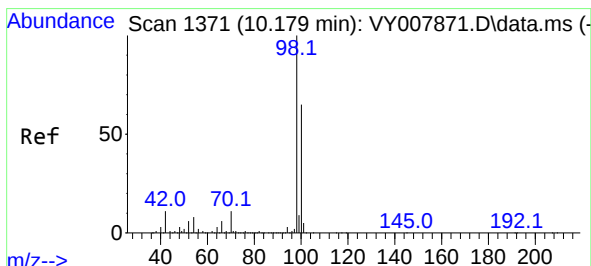
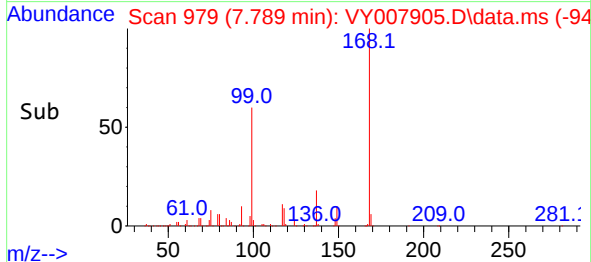
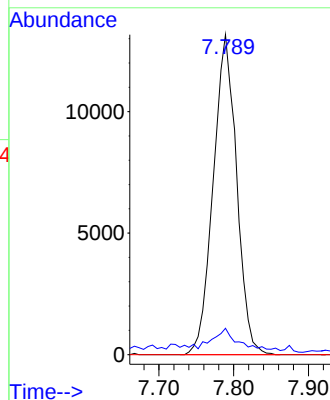
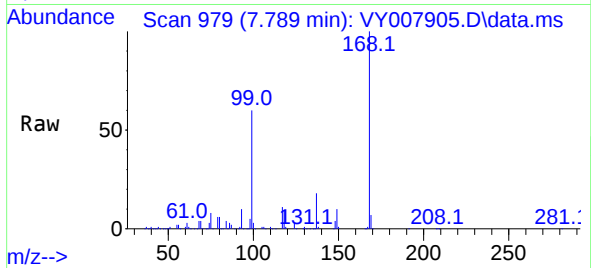




#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

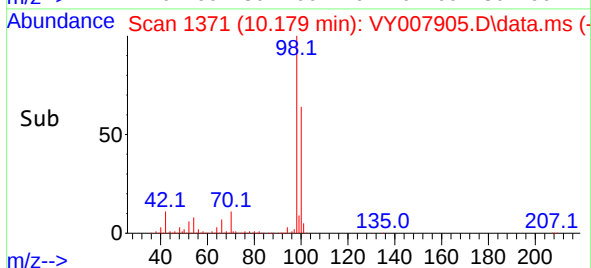
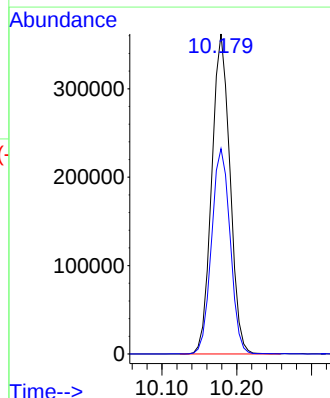
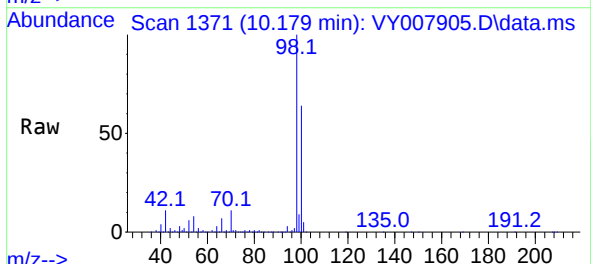
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

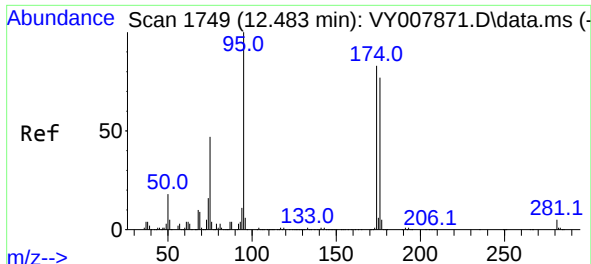
Tgt Ion:117 Resp: 28655
Ion Ratio Lower Upper
117 100
119 6.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 57.582 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 98 Resp: 613534
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

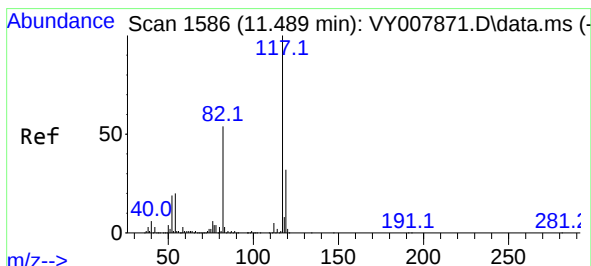
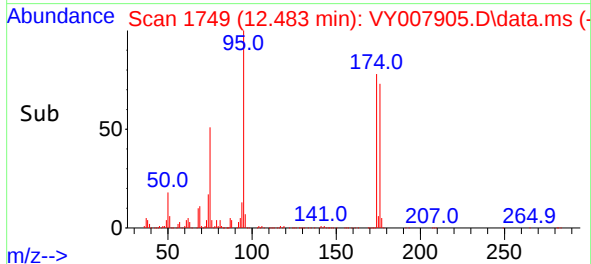
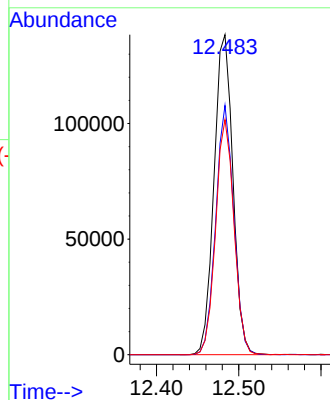
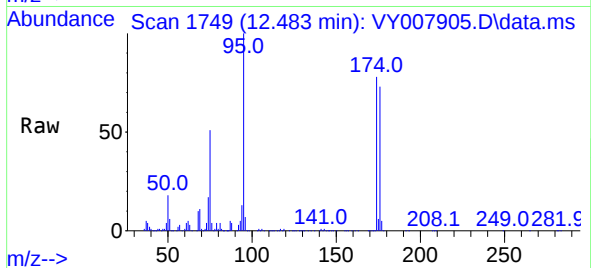




#62
4-Bromofluorobenzene
Concen: 42.883 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

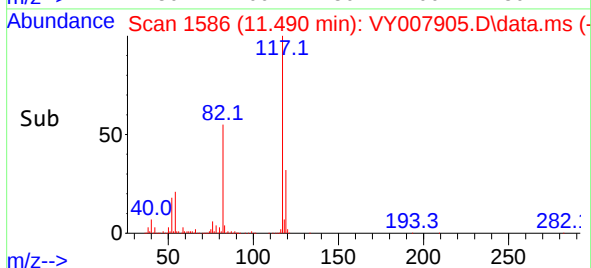
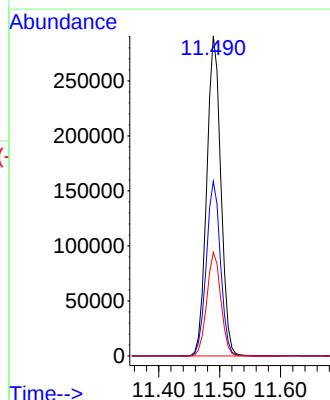
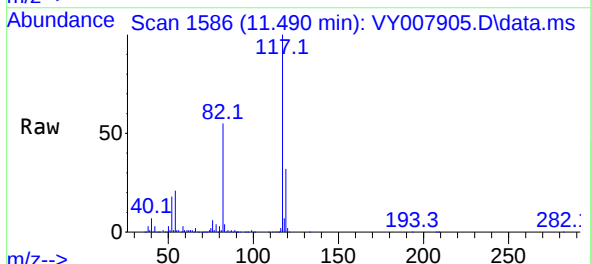
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

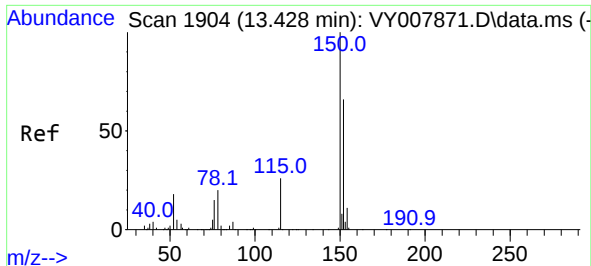
Tgt Ion: 95 Resp: 220598
Ion Ratio Lower Upper
95 100
174 74.5 0.0 177.0
176 71.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Tgt Ion: 117 Resp: 467722
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 32.4 25.4 38.0

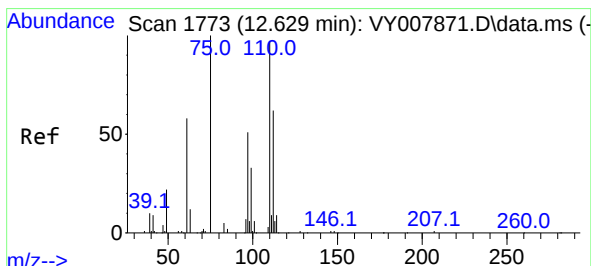
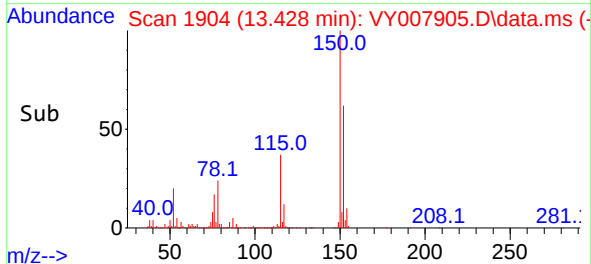
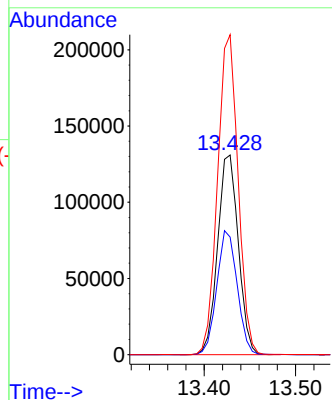
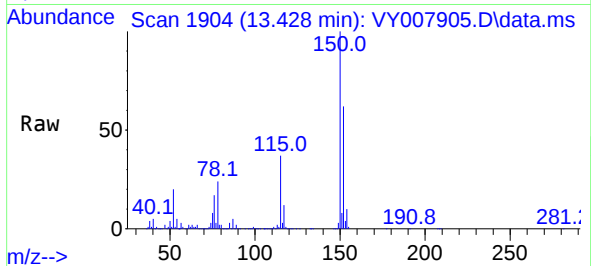




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

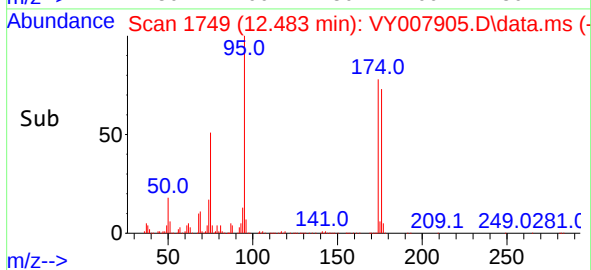
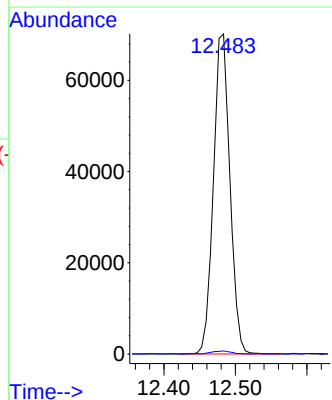
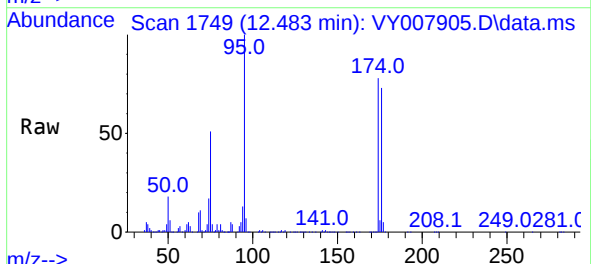
Instrument :
MSVOA_Y
ClientSampleId :
COMP-6

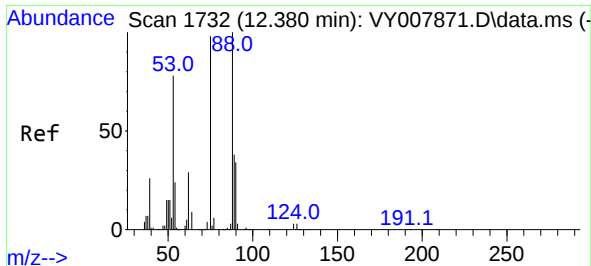
Tgt Ion:152 Resp: 206473
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 158.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 38.143 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

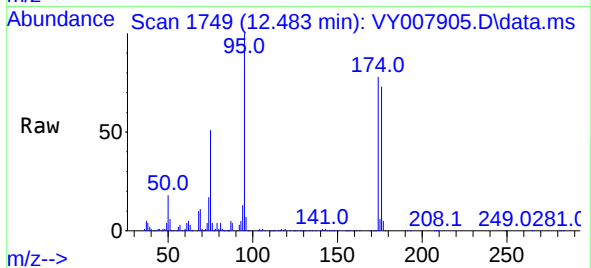
Tgt Ion: 75 Resp: 112252
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 80.115 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY007905.D
Acq: 18 Mar 2022 16:21

Instrument :
MSVOA_Y
ClientSampleId :
COMP-6



Tgt Ion: 75 Resp: 112252
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

