

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032222\
 Data File : VY007995.D
 Acq On : 22 Mar 2022 13:11
 Operator : SY/MD
 Sample : N1974-06RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6-4-6-7

Quant Time: Mar 23 05:06:25 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)

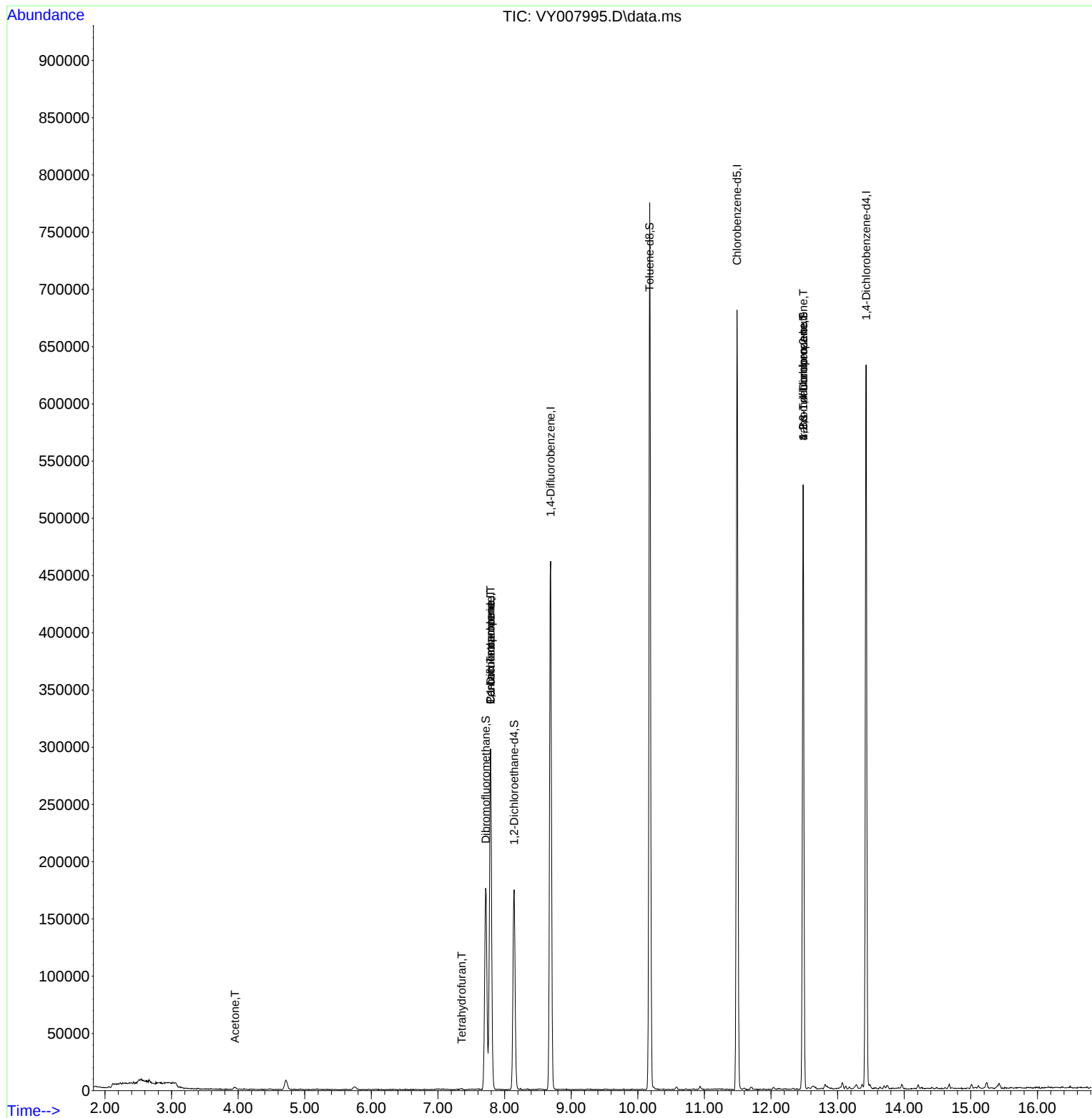
Internal Standards						
1) Pentafluorobenzene	7.789	168	214445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	400767	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	365775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	148786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	136112	55.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.340%
35) Dibromofluoromethane	7.716	113	126678	45.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.020%
50) Toluene-d8	10.179	98	491646	58.894	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	117.780%
62) 4-Bromofluorobenzene	12.483	95	165672	41.014	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	303	Below Cal	#	43
3) Chloromethane	2.113	50	867	Below Cal	#	84
4) Vinyl Chloride	2.223	62	143	Below Cal	#	43
5) Bromomethane	2.674	94	805	Below Cal		83
16) Acetone	3.954	43	3614	5.572	ug/l #	83
17) Carbon Disulfide	4.198	76	187	Below Cal	#	75
18) Methyl Acetate	4.485	43	472	Below Cal	#	74
20) Methylene Chloride	4.716	84	6132	Below Cal	#	78
29) Tetrahydrofuran	7.356	42	725	1.089	ug/l #	47
31) Cyclohexane	7.783	56	5405	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	19123	4.581	ug/l #	50
38) Carbon Tetrachloride	7.789	117	23225	5.206	ug/l #	14
39) Methylcyclohexane	9.185	83	23	Below Cal	#	16
76) 1,2,3-Trichloropropane	12.483	75	88716	41.833	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	88716	87.867	ug/l #	7

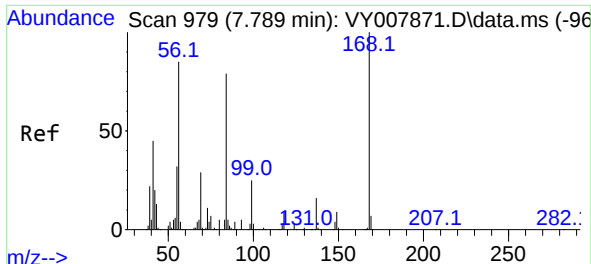
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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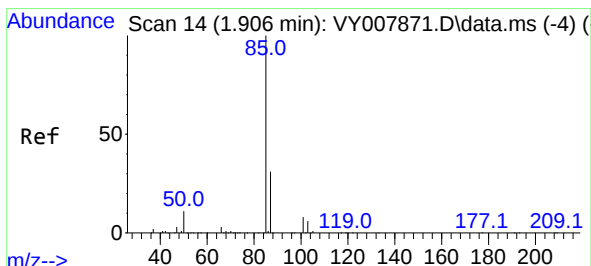
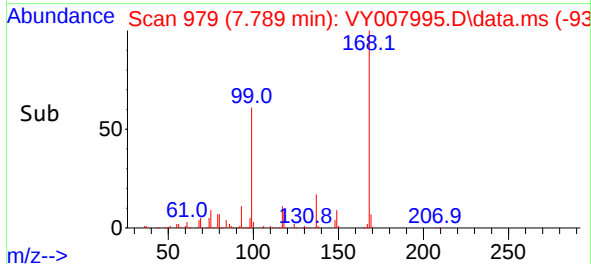
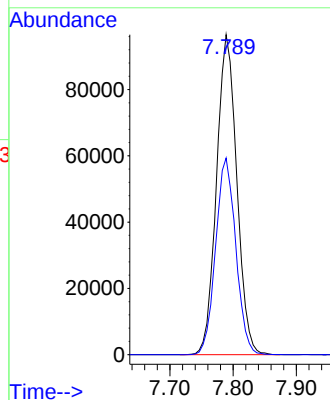
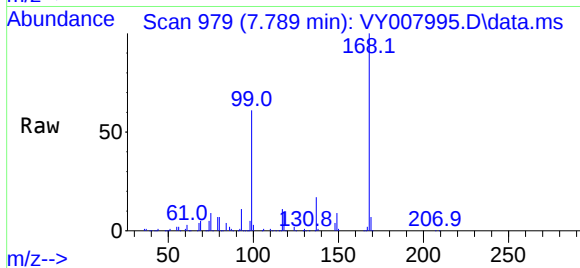




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

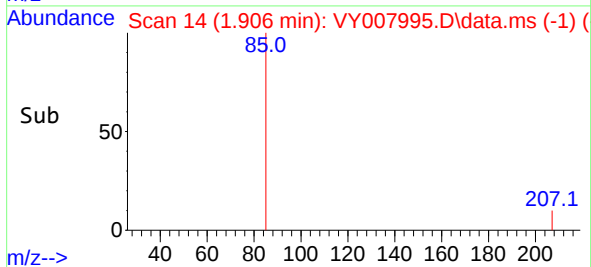
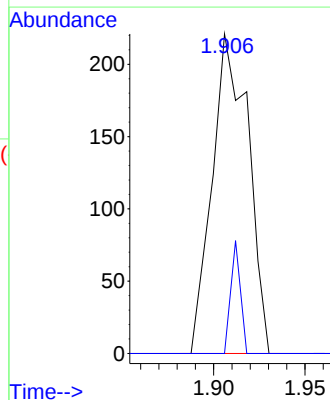
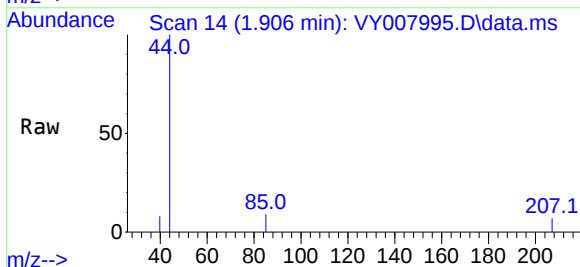
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

Tgt Ion:168 Resp: 214445
Ion Ratio Lower Upper
168 100
99 61.5 46.9 70.3

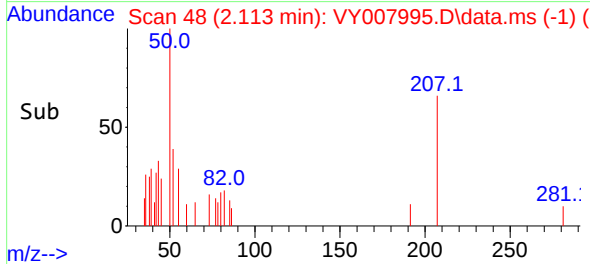
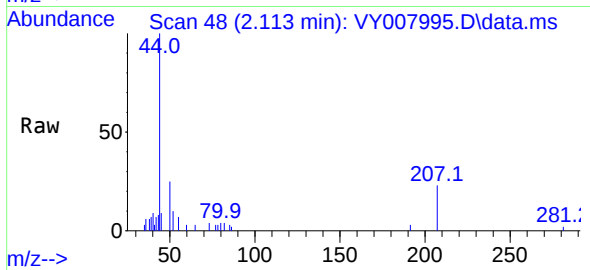
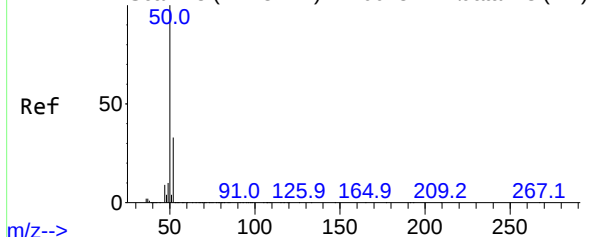


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Tgt Ion: 85 Resp: 303
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#



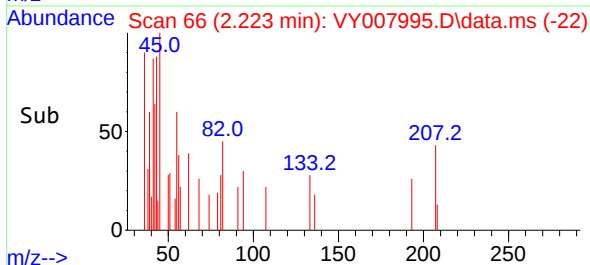
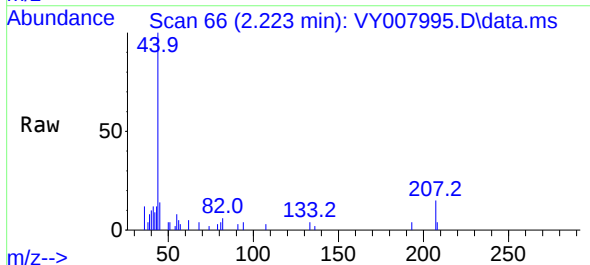
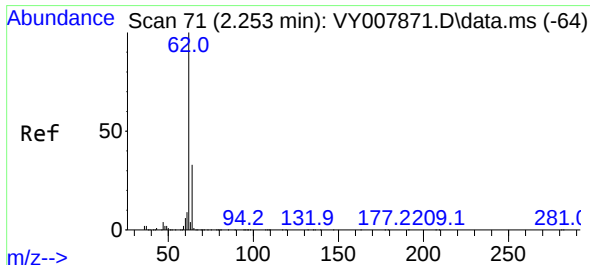
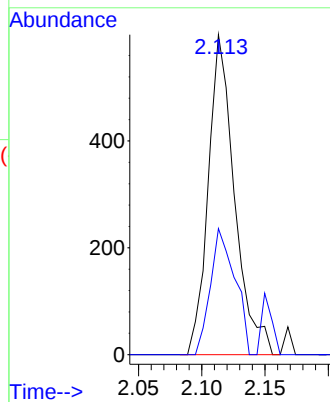
Abundance Scan 48 (2.113 min): VY007871.D\data.ms (-41)



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

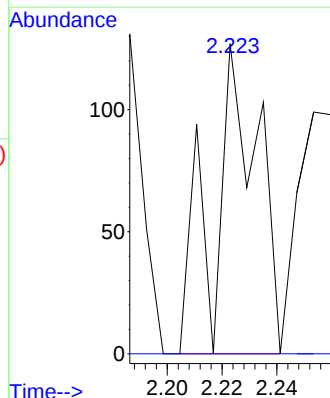
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

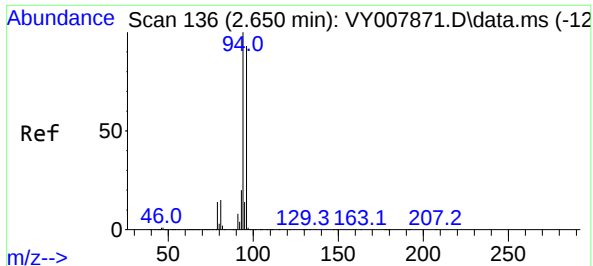
Tgt Ion: 50 Resp: 867
Ion Ratio Lower Upper
50 100
52 39.4 24.6 37.0#



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.223 min Scan# 66
Delta R.T. -0.031 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Tgt Ion: 62 Resp: 143
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

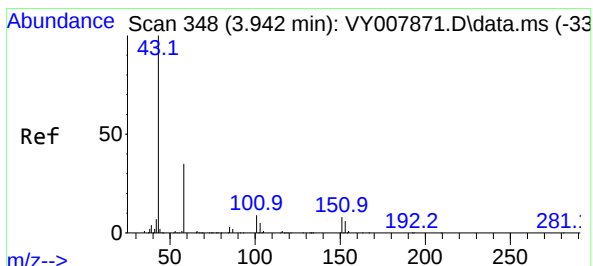
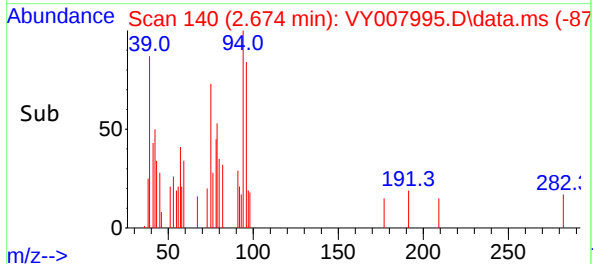
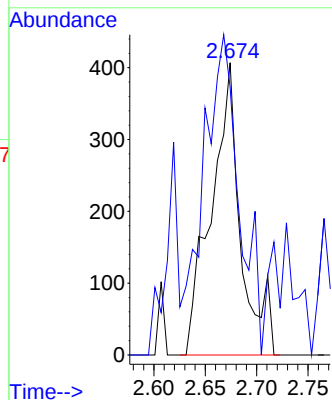
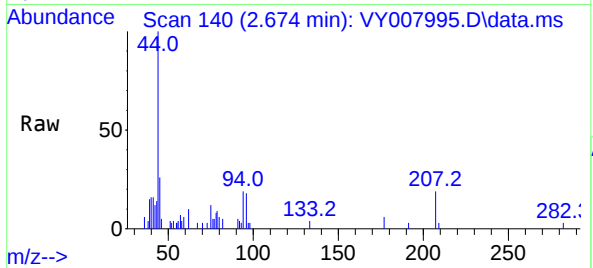




#5
Bromomethane
Concen: Below Cal
RT: 2.674 min Scan# 14
Delta R.T. 0.024 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

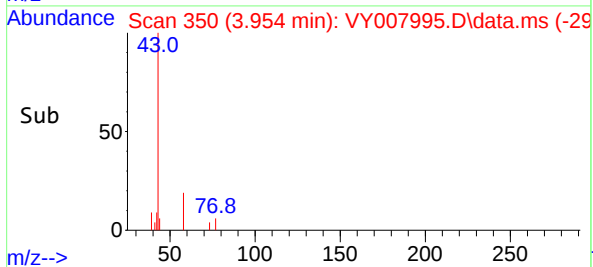
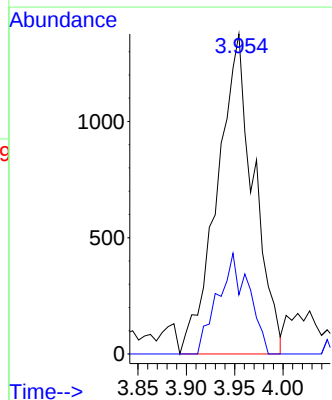
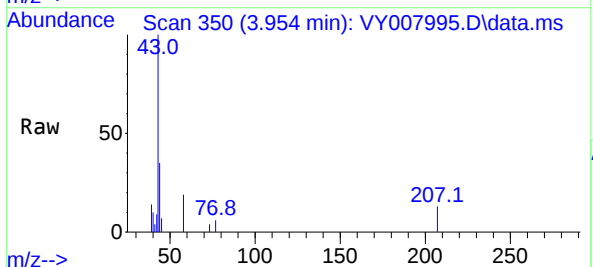
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

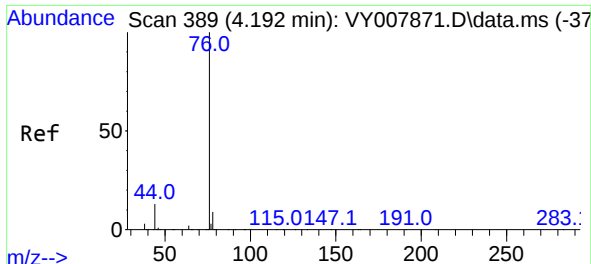
Tgt Ion: 94 Resp: 805
Ion Ratio Lower Upper
94 100
96 75.7 73.5 110.3



#16
Acetone
Concen: 5.572 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Tgt Ion: 43 Resp: 3614
Ion Ratio Lower Upper
43 100
58 18.5 22.0 33.0#

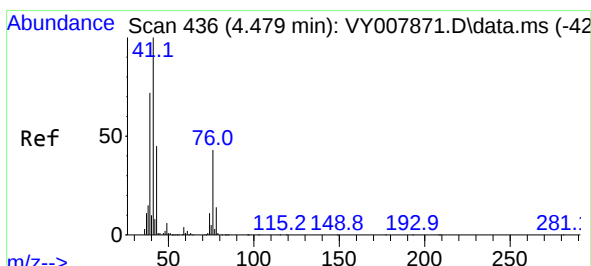
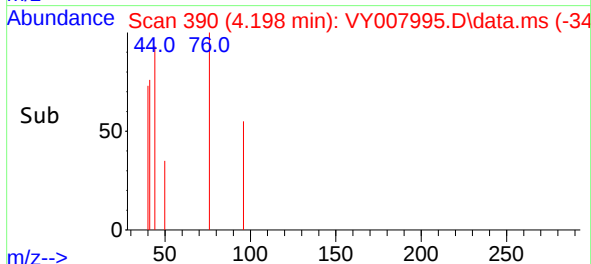
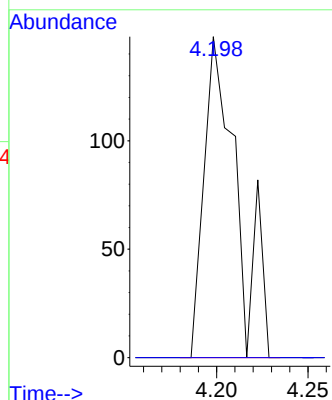
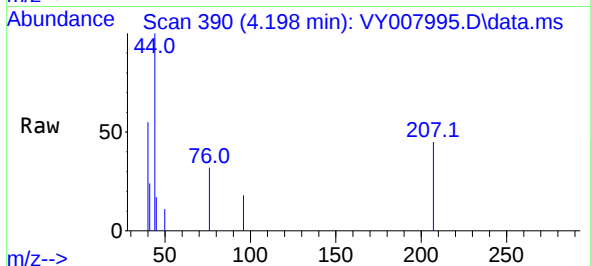




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

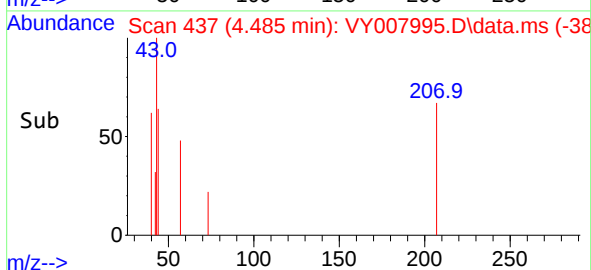
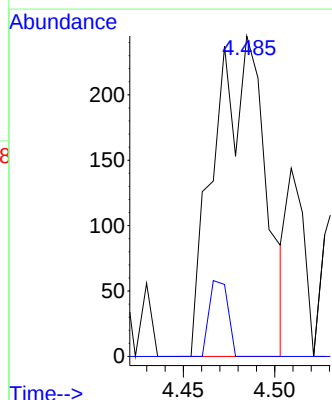
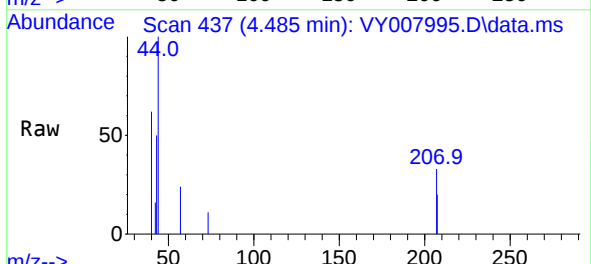
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

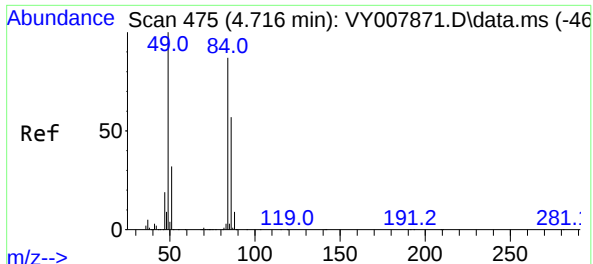
Tgt Ion: 76 Resp: 187
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Tgt Ion: 43 Resp: 472
Ion Ratio Lower Upper
43 100
74 8.7 16.6 24.8#



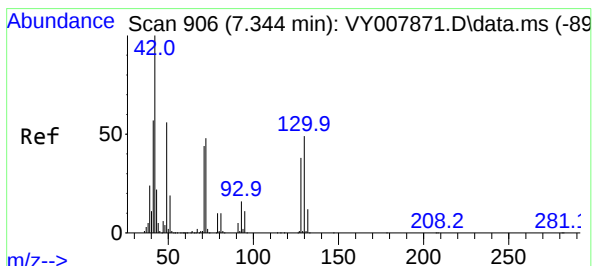
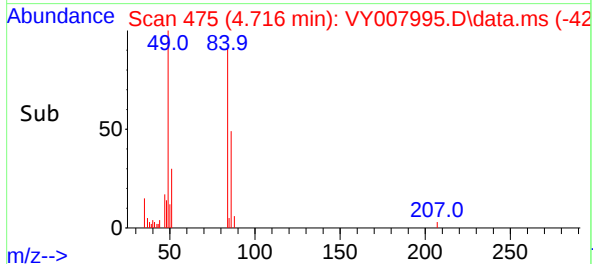
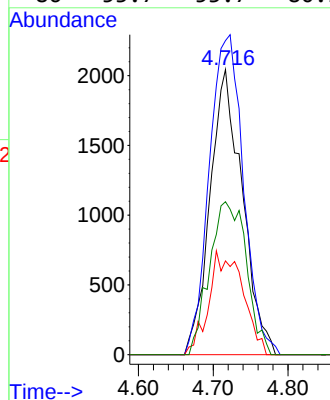
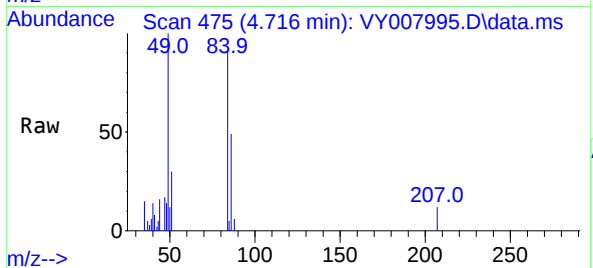


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

Tgt Ion: 84 Resp: 6132

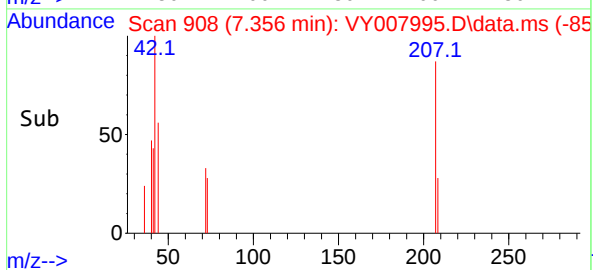
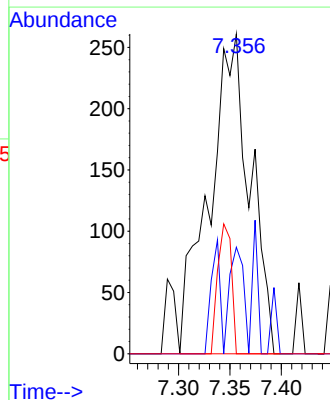
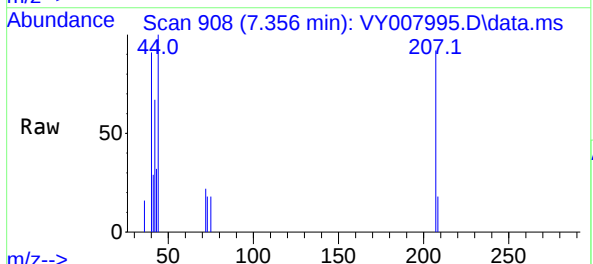
Ion	Ratio	Lower	Upper
84	100		
49	110.2	114.4	171.6#
51	32.9	35.3	52.9#
86	53.7	53.7	80.5#

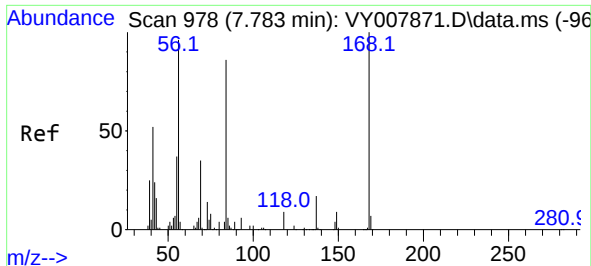


#29
Tetrahydrofuran
Concen: 1.089 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Tgt Ion: 42 Resp: 725

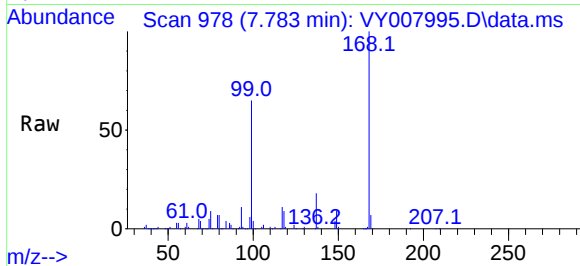
Ion	Ratio	Lower	Upper
42	100		
72	11.3	30.3	45.5#
71	0.0	29.0	43.4#



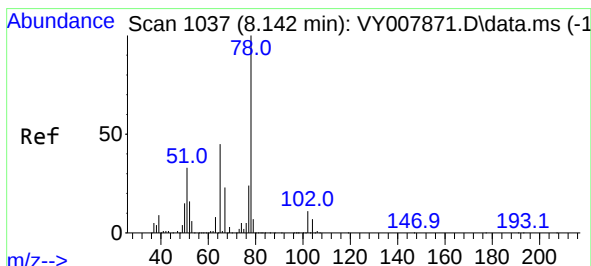
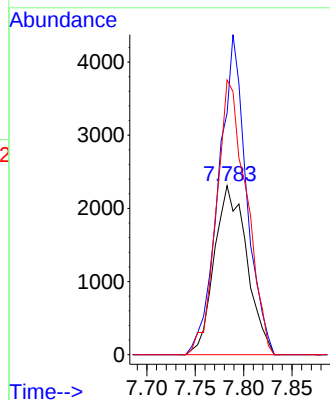
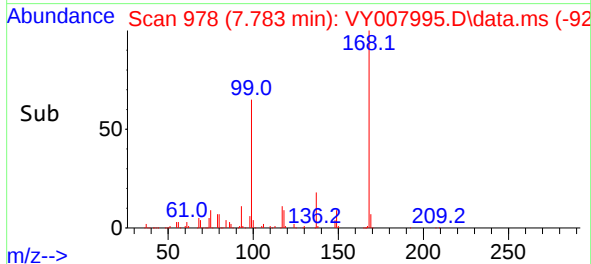


#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

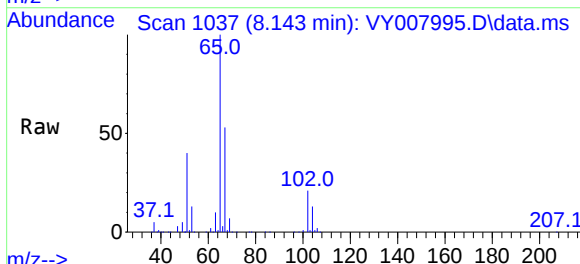
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7



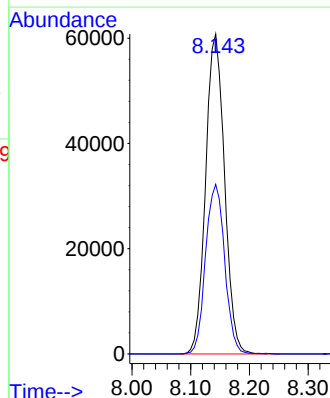
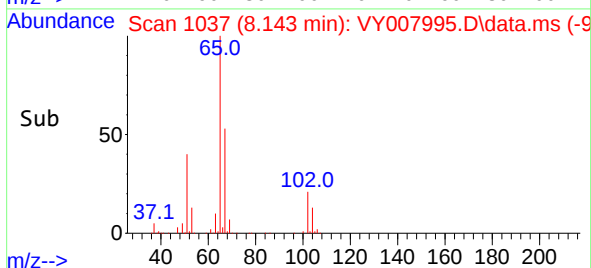
Tgt Ion: 56 Resp: 5405
Ion Ratio Lower Upper
56 100
69 143.0 26.7 40.1#
84 162.6 67.2 100.8#

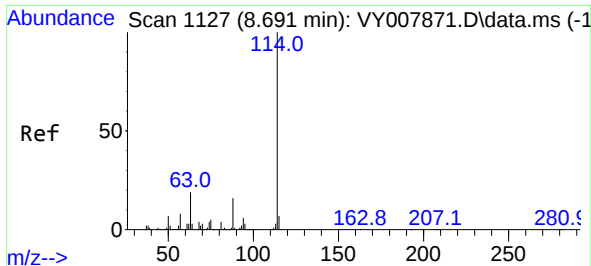


#33
1,2-Dichloroethane-d4
Concen: 55.668 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11



Tgt Ion: 65 Resp: 136112
Ion Ratio Lower Upper
65 100
67 53.6 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: VY007995.D

Acq: 22 Mar 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

G-6-4-6-7

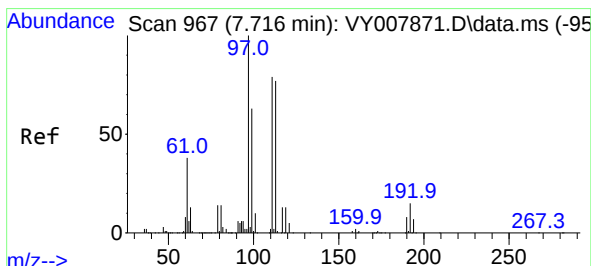
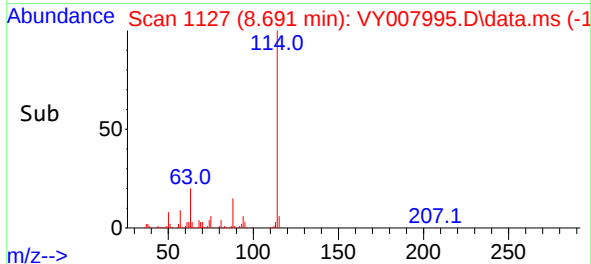
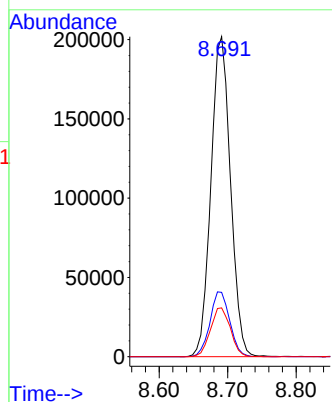
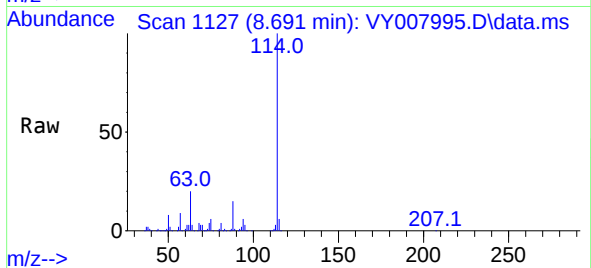
Tgt Ion:114 Resp: 400767

Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.008 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY007995.D

Acq: 22 Mar 2022 13:11

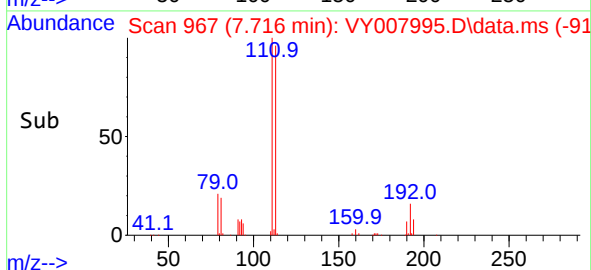
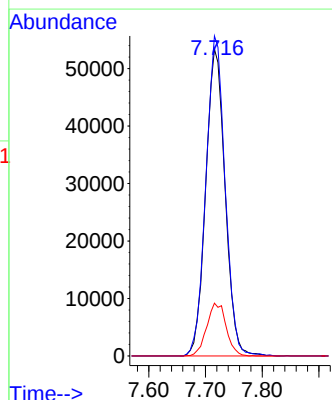
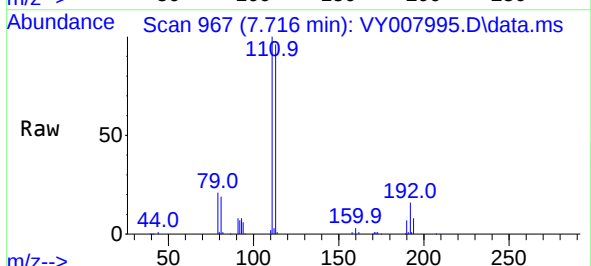
Tgt Ion:113 Resp: 126678

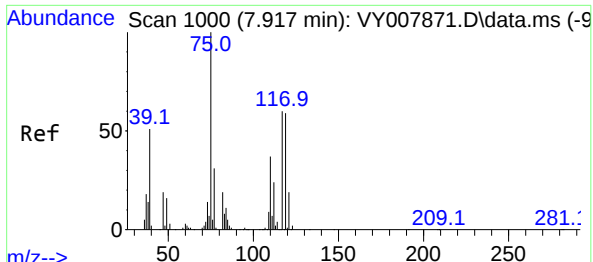
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 17.3 17.6 26.4#

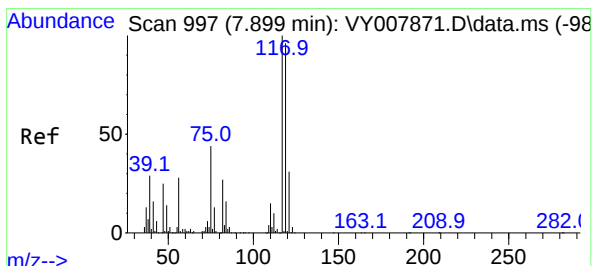
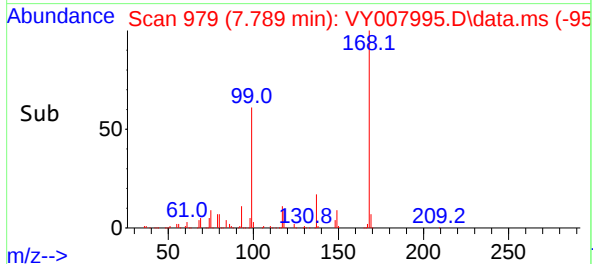
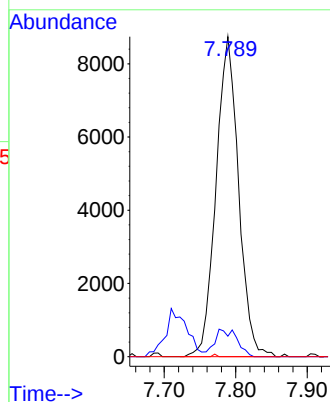
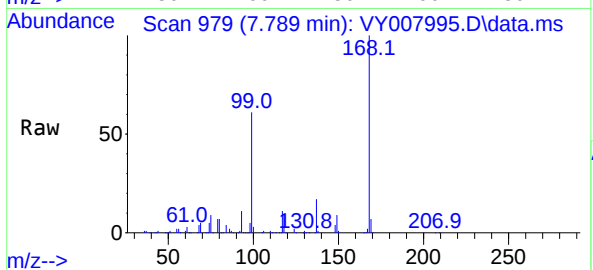




#36
 1,1-Dichloropropene
 Concen: 4.581 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY007995.D
 Acq: 22 Mar 2022 13:11

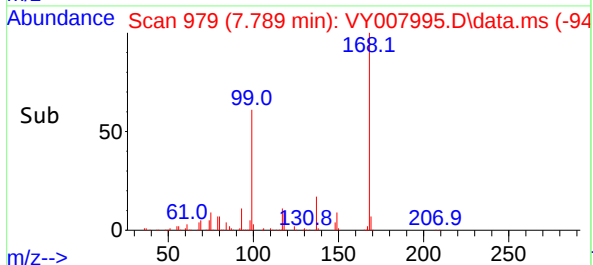
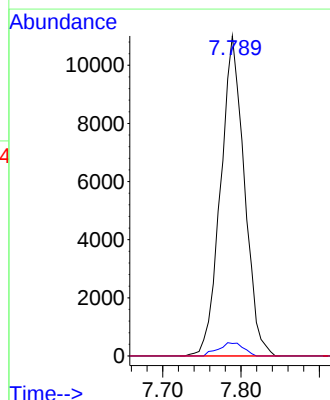
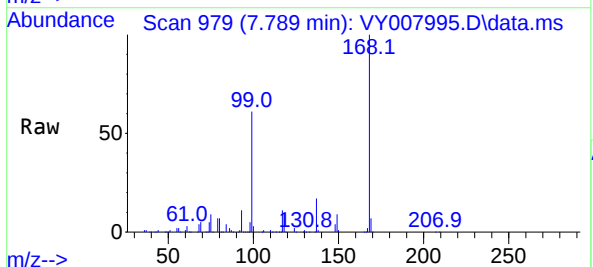
Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6-4-6-7

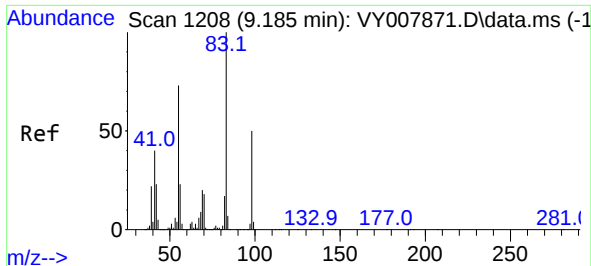
Tgt Ion: 75 Resp: 19123
 Ion Ratio Lower Upper
 75 100
 110 8.6 17.1 51.2#
 77 0.1 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.206 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY007995.D
 Acq: 22 Mar 2022 13:11

Tgt Ion: 117 Resp: 23225
 Ion Ratio Lower Upper
 117 100
 119 3.9 77.9 116.9#
 121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: Below Cal

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007995.D

Acq: 22 Mar 2022 13:11

Instrument :

MSVOA_Y

ClientSampleId :

G-6-4-6-7

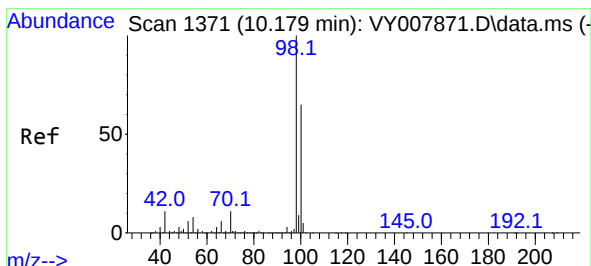
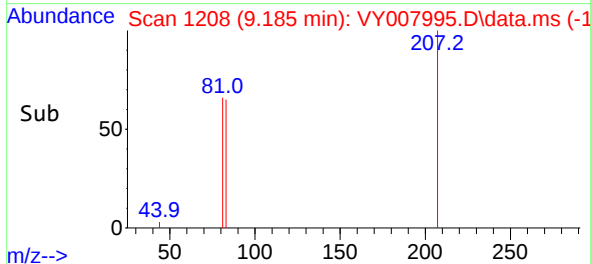
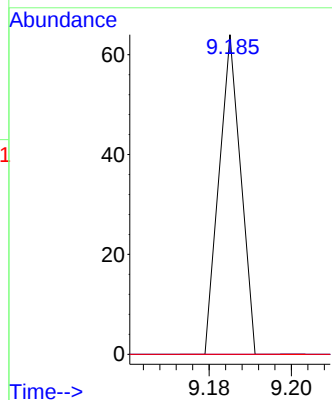
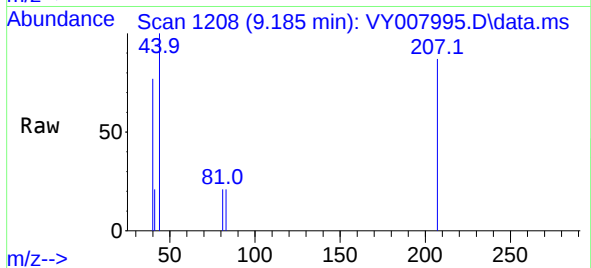
Tgt Ion: 83 Resp: 23

Ion Ratio Lower Upper

83 100

55 0.0 66.5 99.7#

98 0.0 37.9 56.9#



#50

Toluene-d8

Concen: 58.894 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY007995.D

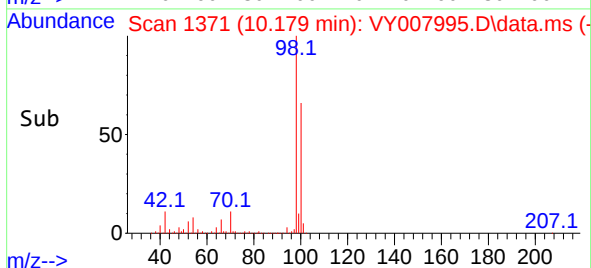
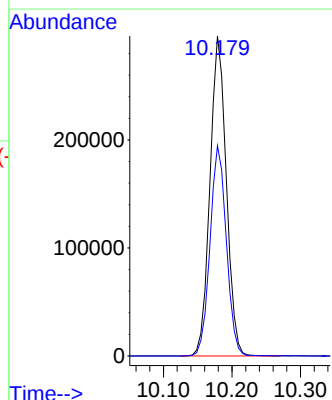
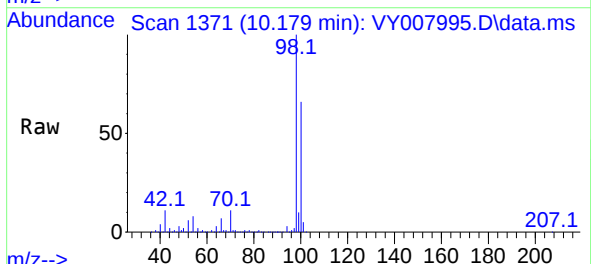
Acq: 22 Mar 2022 13:11

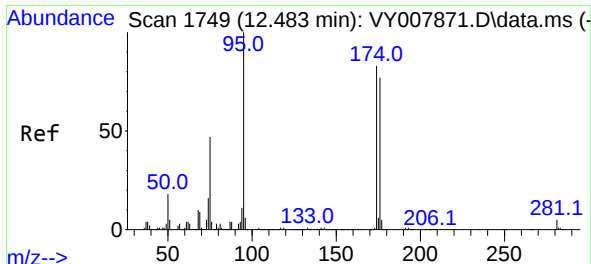
Tgt Ion: 98 Resp: 491646

Ion Ratio Lower Upper

98 100

100 65.6 50.2 75.2

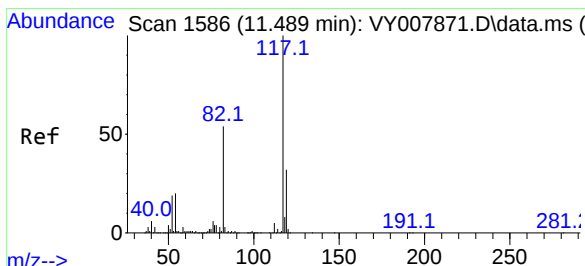
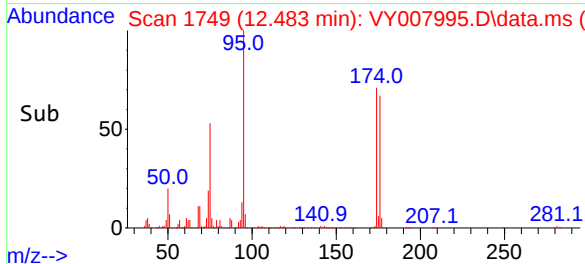
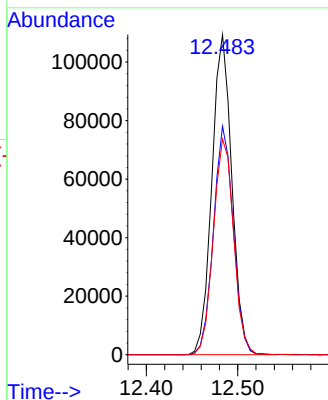
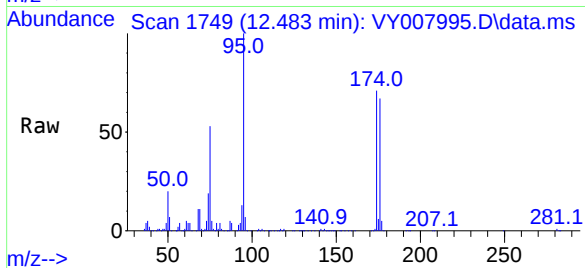




#62
4-Bromofluorobenzene
Concen: 41.014 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

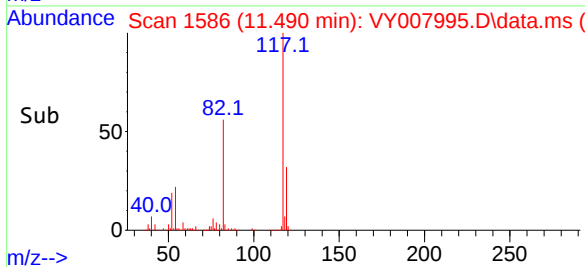
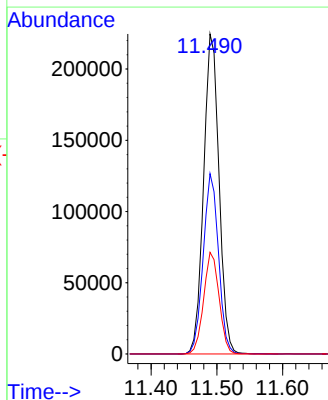
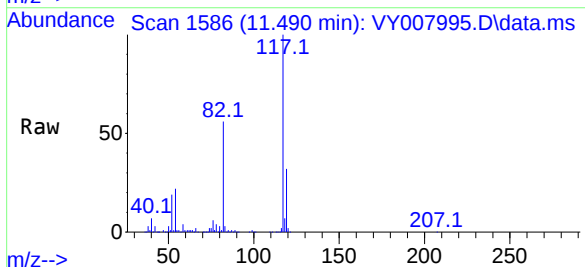
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

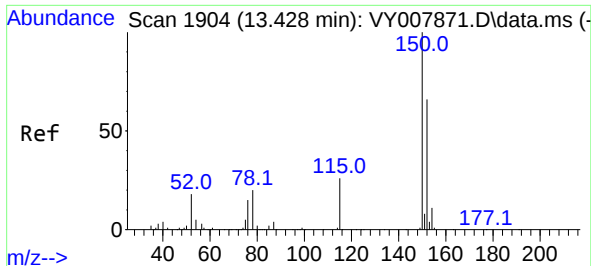
Tgt Ion: 95 Resp: 165672
Ion Ratio Lower Upper
95 100
174 71.2 0.0 177.0
176 68.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

Tgt Ion: 117 Resp: 365775
Ion Ratio Lower Upper
117 100
82 56.4 43.0 64.4
119 31.8 25.4 38.0

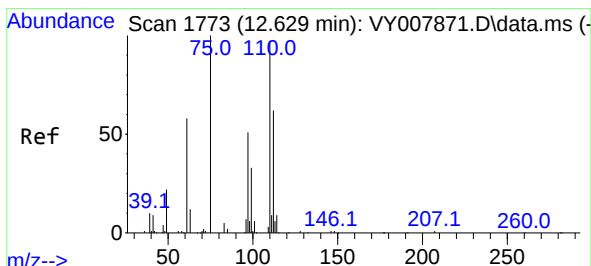
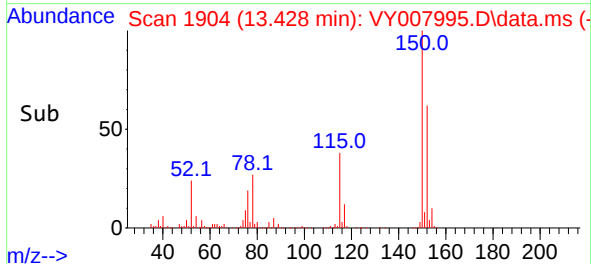
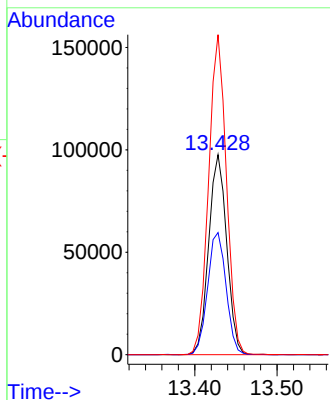
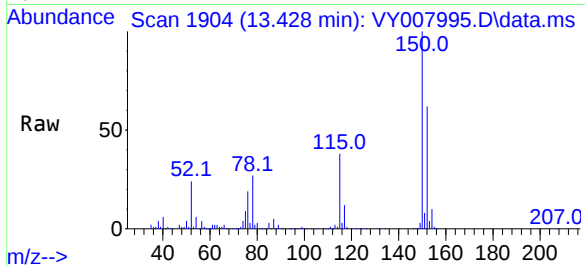




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

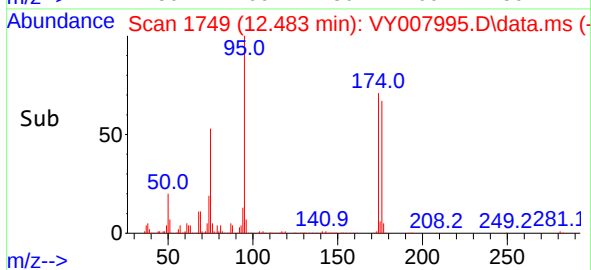
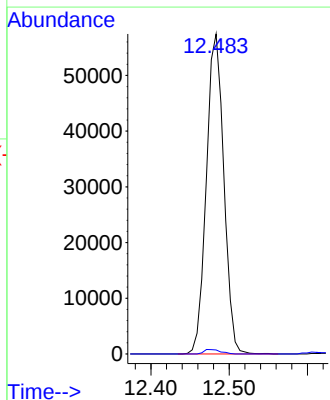
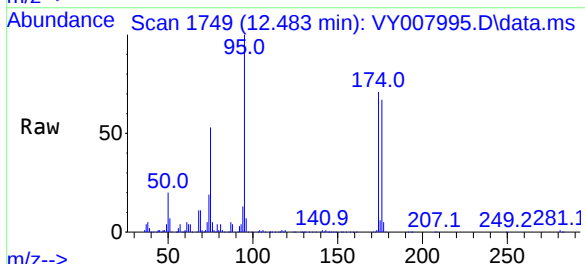
Instrument :
MSVOA_Y
ClientSampleId :
G-6-4-6-7

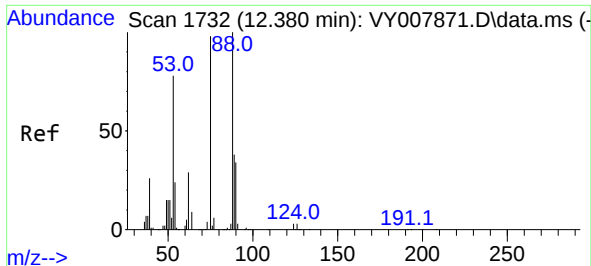
Tgt Ion:152 Resp: 148786
Ion Ratio Lower Upper
152 100
115 62.6 28.2 84.7
150 157.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 41.833 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007995.D
Acq: 22 Mar 2022 13:11

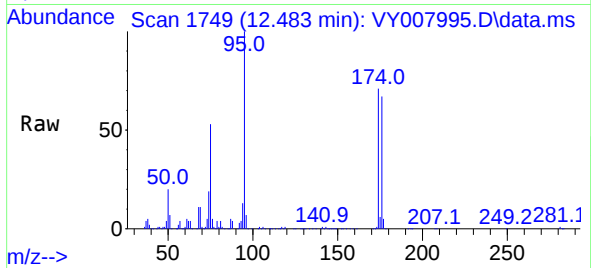
Tgt Ion: 75 Resp: 88716
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.867 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007995.D
 Acq: 22 Mar 2022 13:11

Instrument :
 MSVOA_Y
 ClientSampleId :
 G-6-4-6-7



Tgt Ion: 75 Resp: 88716
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

