

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040422\
 Data File : VY008179.D
 Acq On : 04 Apr 2022 14:42
 Operator : SY/MD
 Sample : N2220-03RE
 Misc : 6.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 05 04:41:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

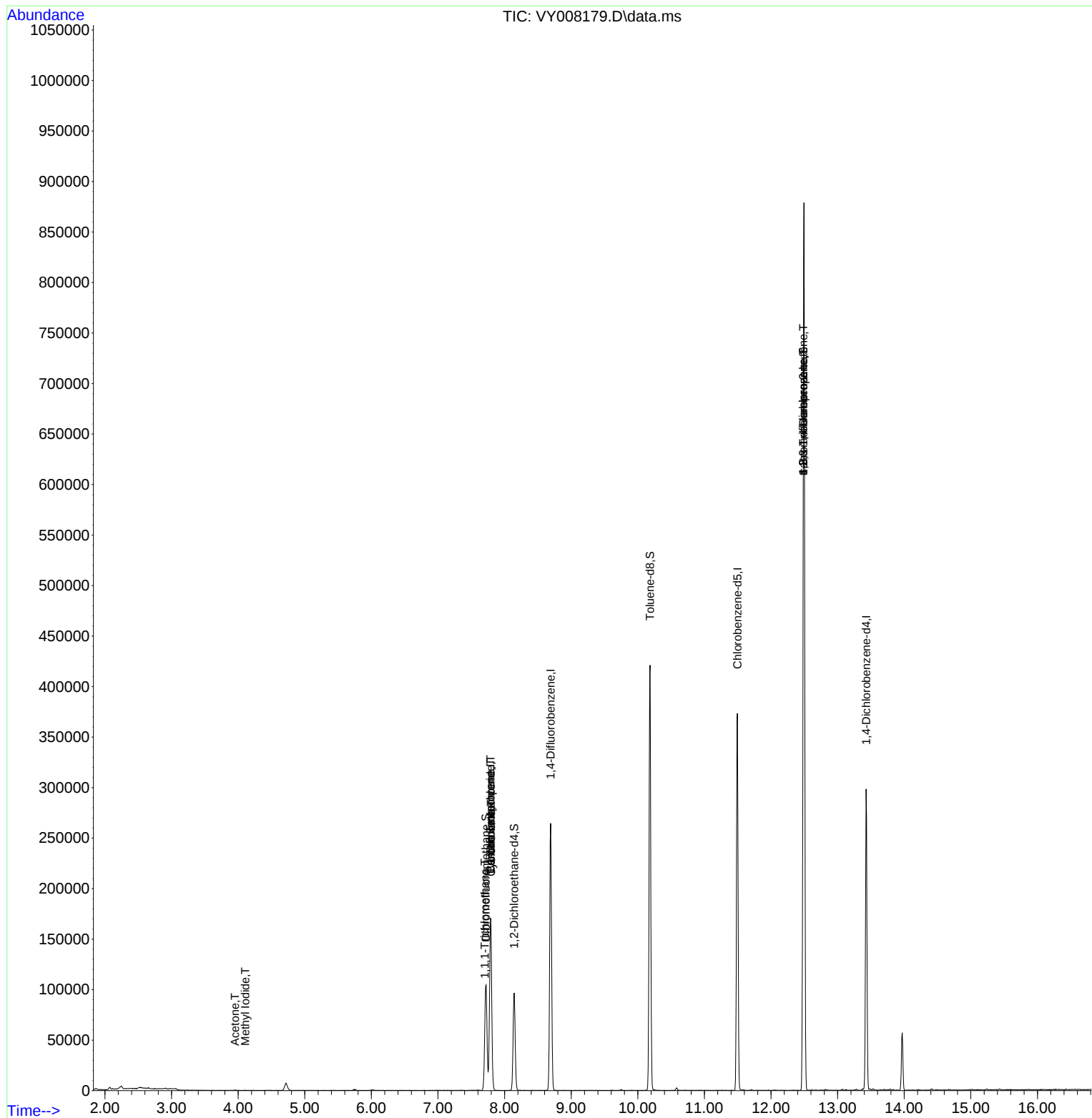
Internal Standards						
1) Pentafluorobenzene	7.789	168	134476	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	238049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	210051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	75543	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73758	54.668	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.340%	
35) Dibromofluoromethane	7.716	113	74115	49.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.320%	
50) Toluene-d8	10.185	98	287467	51.123	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.240%	
62) 4-Bromofluorobenzene	12.483	95	86952	43.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 87.660%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.107	142	186	1.797	ug/l #	35
16) Acetone	3.954	43	573	1.858	ug/l #	74
18) Methyl Acetate	4.485	43	313	Below Cal	#	56
20) Methylene Chloride	4.716	84	5904	Below Cal	#	70
31) Cyclohexane	7.795	56	2739	1.086	ug/l #	1
32) 1,1,1-Trichloroethane	7.704	97	3411	1.275	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	10489	4.474	ug/l #	50
38) Carbon Tetrachloride	7.789	117	13687	5.357	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	50063	54.365	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	50063	121.296	ug/l #	9

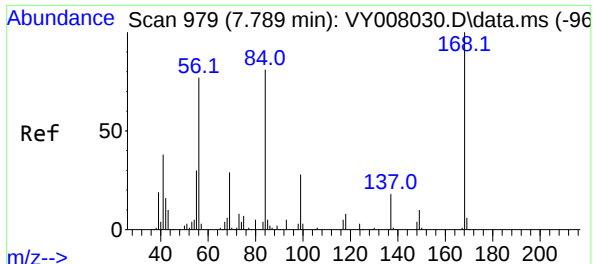
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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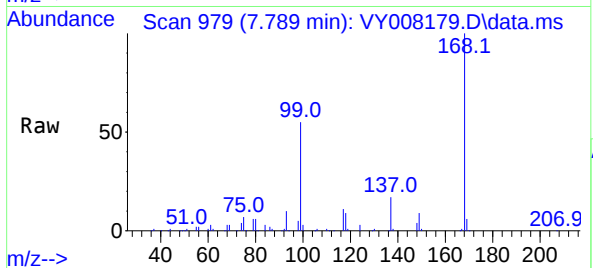
Quant Time: Apr 05 04:41:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
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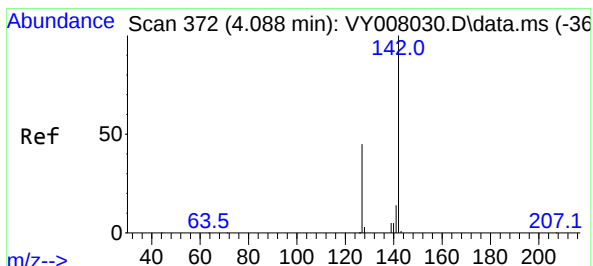
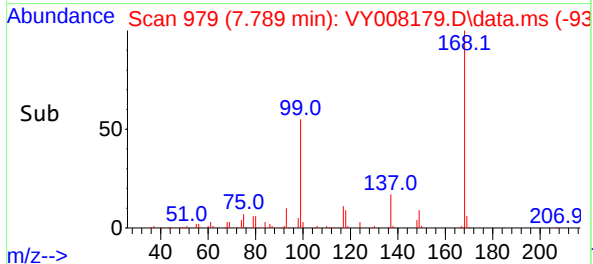
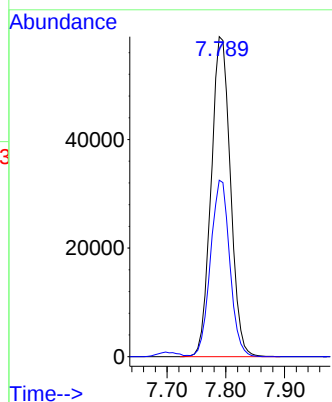


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :

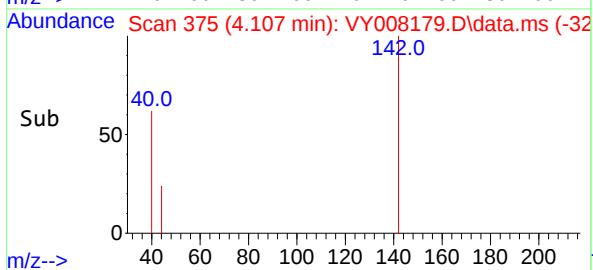
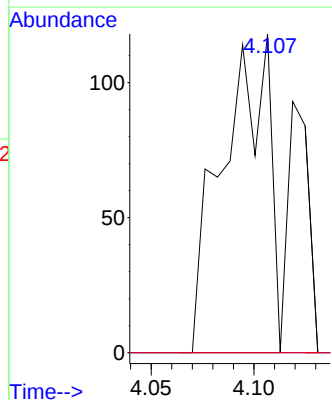
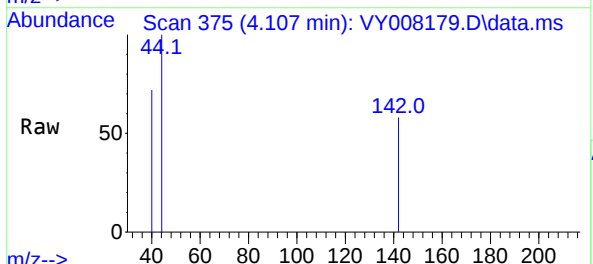


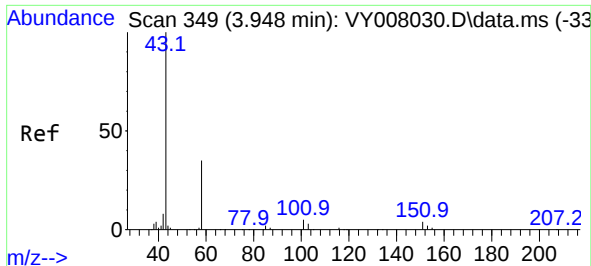
Tgt Ion:168 Resp: 134476
Ion Ratio Lower Upper
168 100
99 55.2 46.9 70.3



#10
Methyl Iodide
Concen: 1.797 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion:142 Resp: 186
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

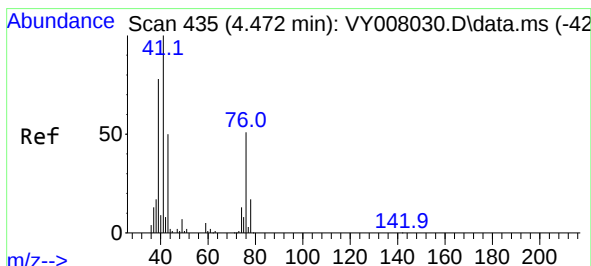
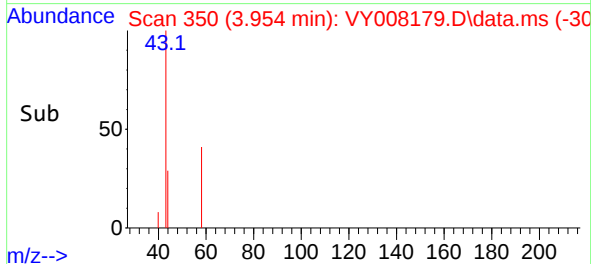
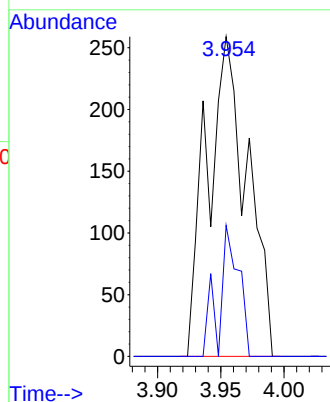
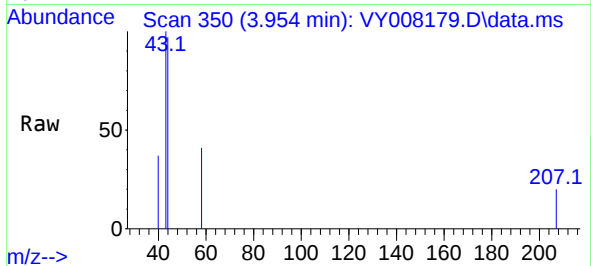




#16
Acetone
Concen: 1.858 ug/l
RT: 3.954 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

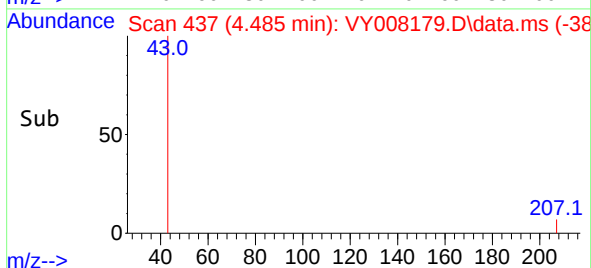
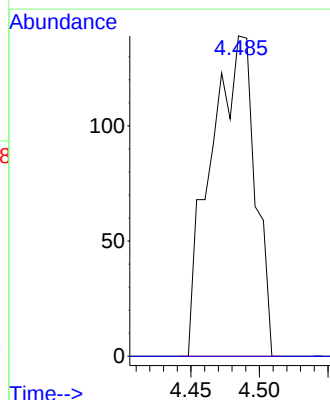
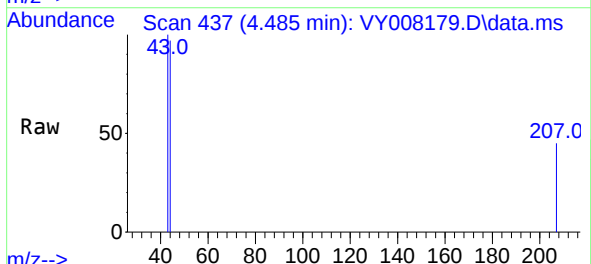
Instrument :
MSVOA_Y
ClientSampleId :

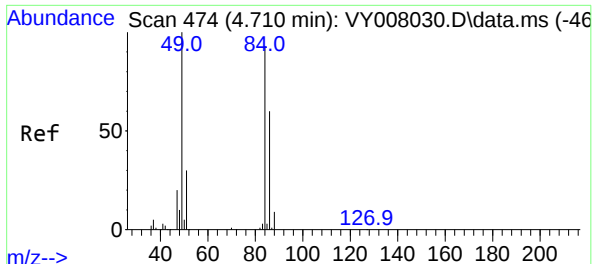
Tgt Ion: 43 Resp: 573
Ion Ratio Lower Upper
43 100
58 40.9 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

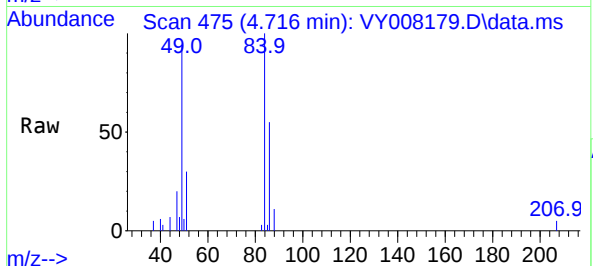
Tgt Ion: 43 Resp: 313
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





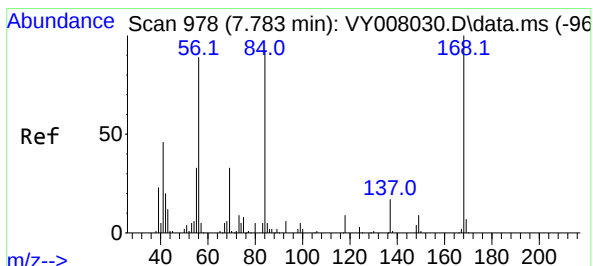
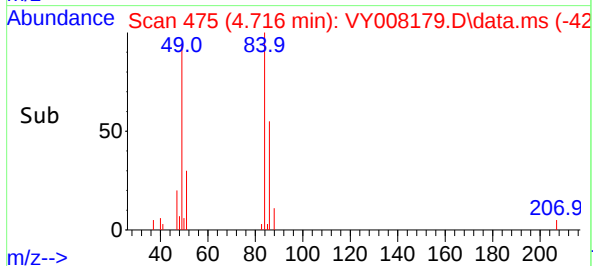
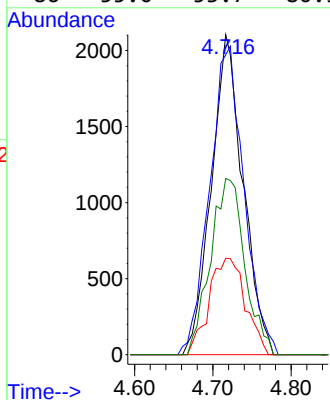
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 84 Resp: 5904

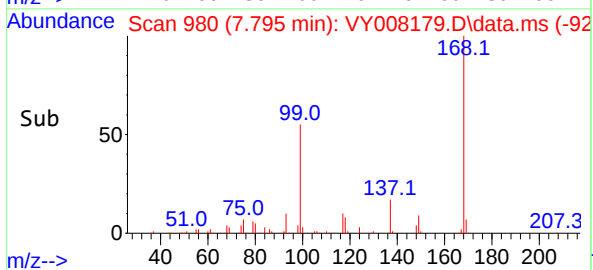
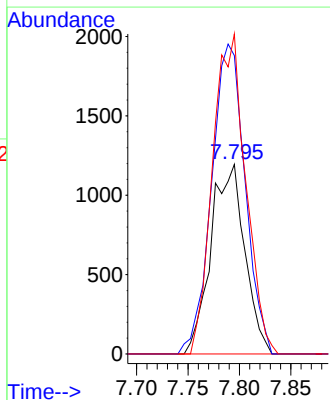
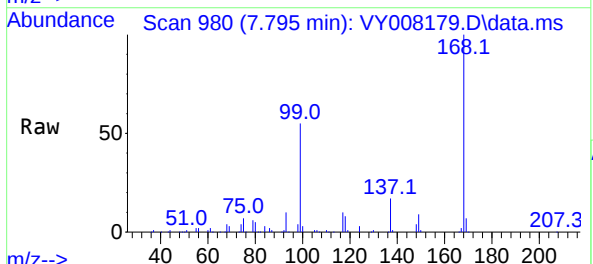
Ion	Ratio	Lower	Upper
84	100		
49	93.7	114.4	171.6#
51	30.1	35.3	52.9#
86	55.0	53.7	80.5

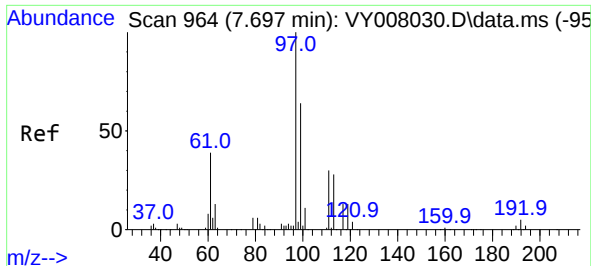


#31
Cyclohexane
Concen: 1.086 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.012 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion: 56 Resp: 2739

Ion	Ratio	Lower	Upper
56	100		
69	157.3	26.7	40.1#
84	168.7	67.2	100.8#





#32

1,1,1-Trichloroethane

Concen: 1.275 ug/l

RT: 7.704 min Scan# 9

Delta R.T. 0.007 min

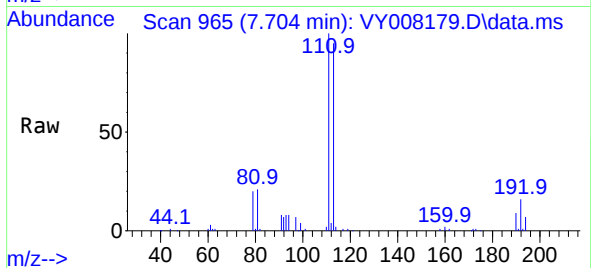
Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :



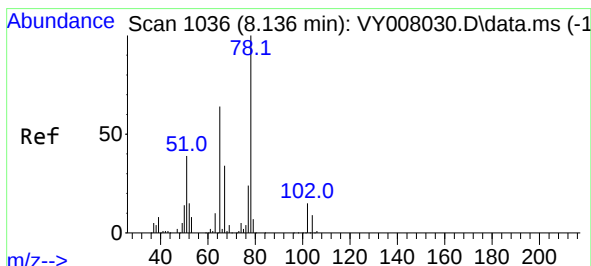
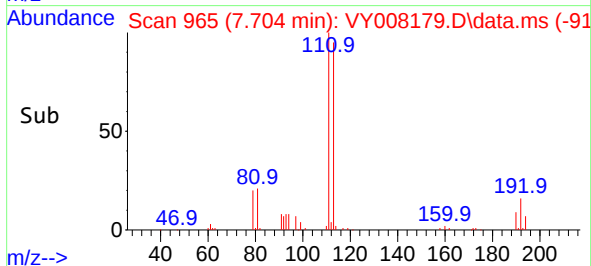
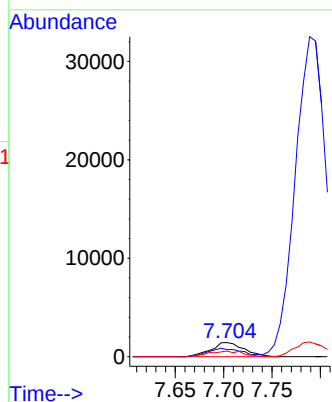
Tgt Ion: 97 Resp: 3411

Ion Ratio Lower Upper

97 100

99 0.0 50.7 76.1#

61 41.4 37.6 56.4



#33

1,2-Dichloroethane-d4

Concen: 54.668 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY008179.D

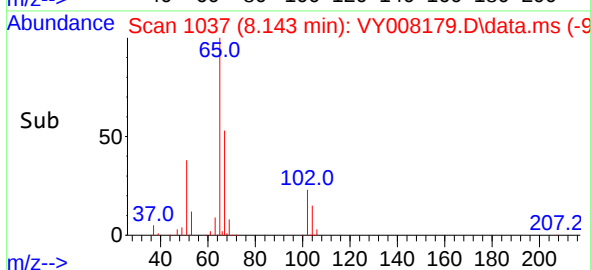
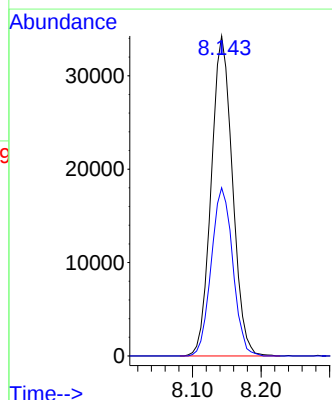
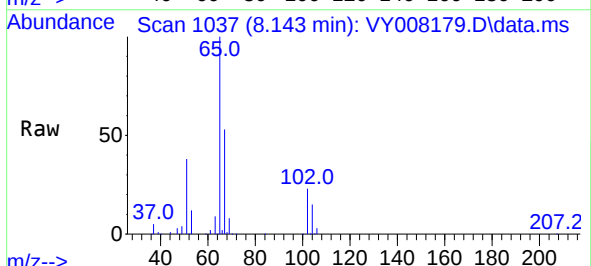
Acq: 04 Apr 2022 14:42

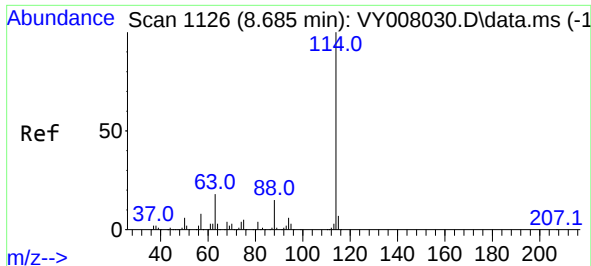
Tgt Ion: 65 Resp: 73758

Ion Ratio Lower Upper

65 100

67 53.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :

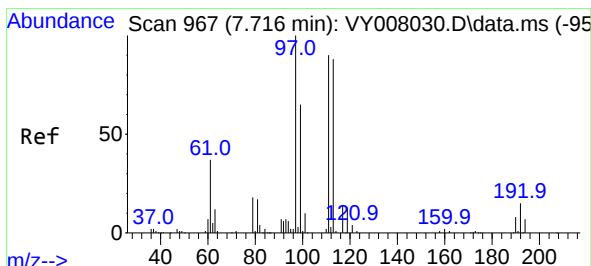
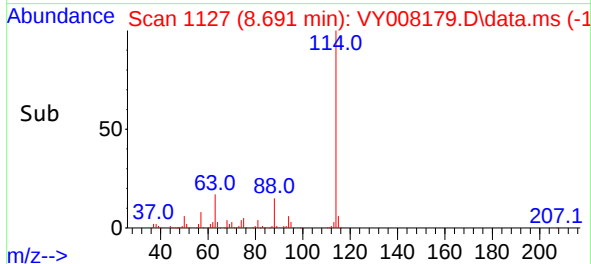
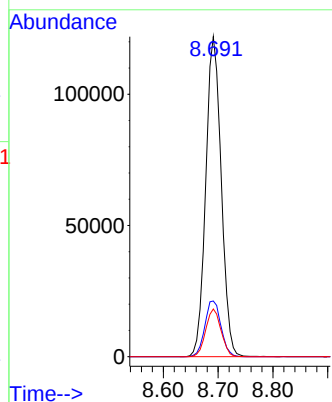
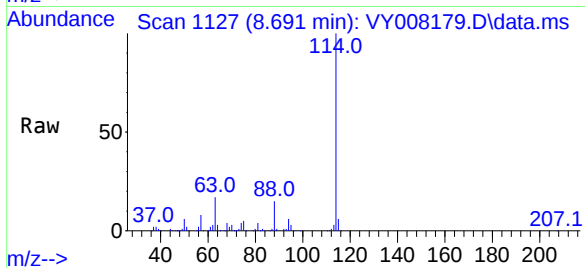
Tgt Ion:114 Resp: 238049

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.658 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

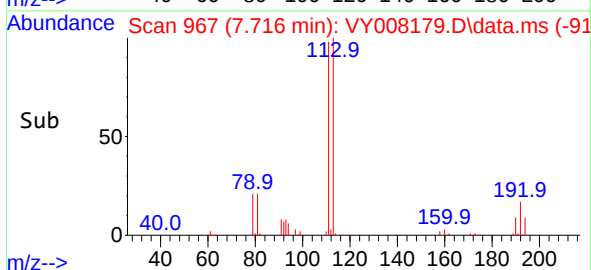
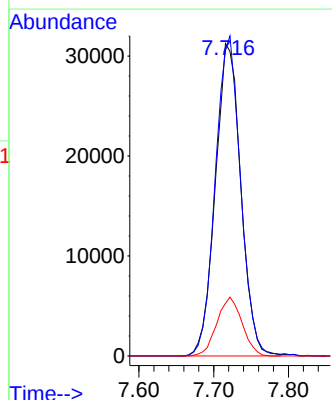
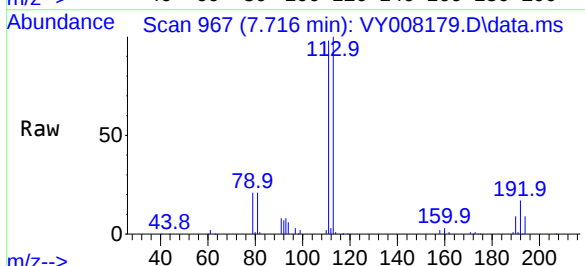
Tgt Ion:113 Resp: 74115

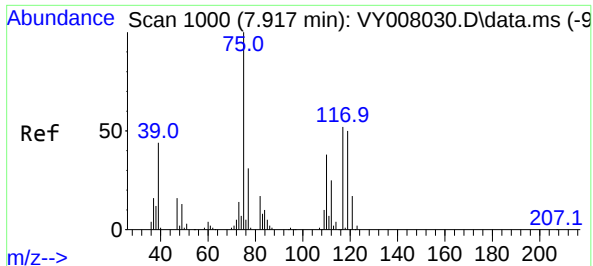
Ion Ratio Lower Upper

113 100

111 101.7 82.6 124.0

192 18.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.474 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

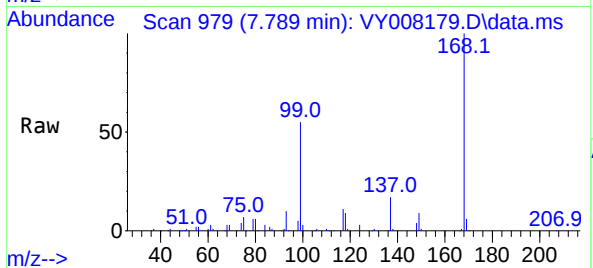
Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

Instrument :

MSVOA_Y

ClientSampleId :



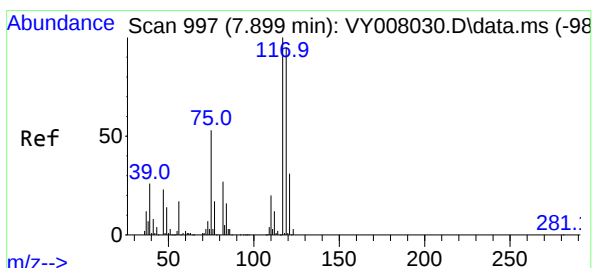
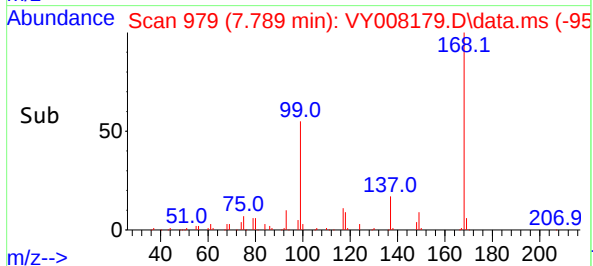
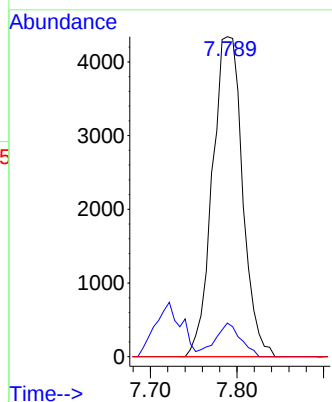
Tgt Ion: 75 Resp: 10489

Ion Ratio Lower Upper

75 100

110 8.6 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.357 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008179.D

Acq: 04 Apr 2022 14:42

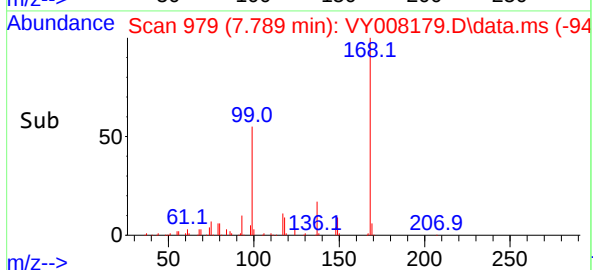
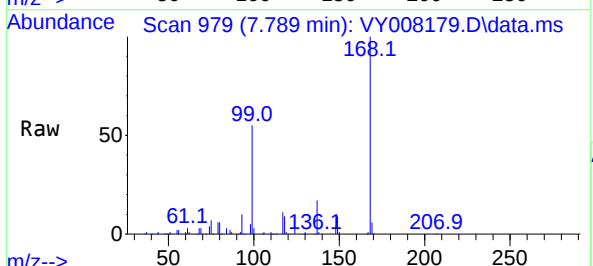
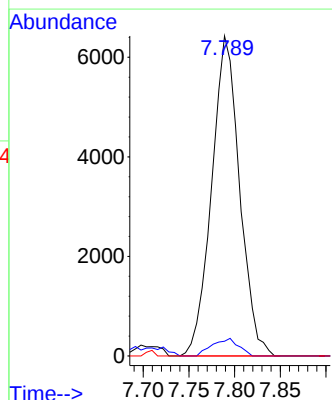
Tgt Ion: 117 Resp: 13687

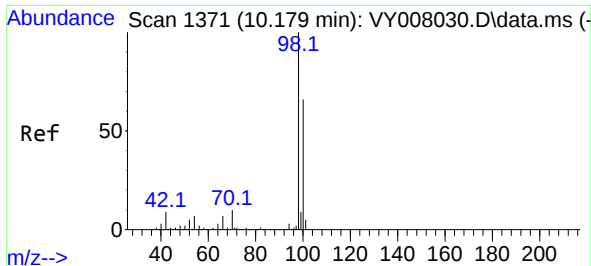
Ion Ratio Lower Upper

117 100

119 4.6 77.9 116.9#

121 0.0 24.8 37.2#

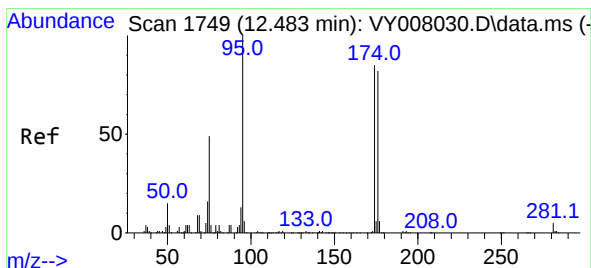
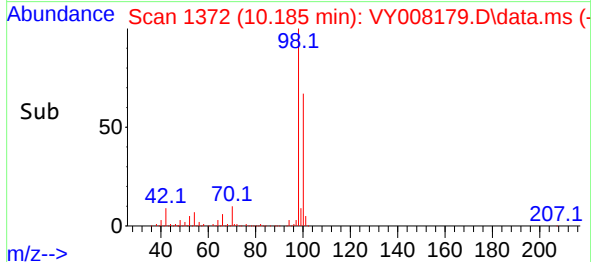
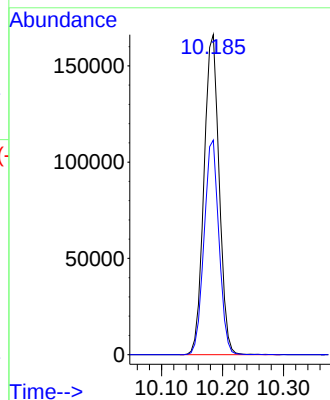
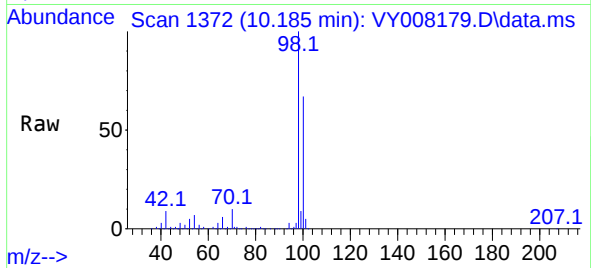




#50
Toluene-d8
Concen: 51.123 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

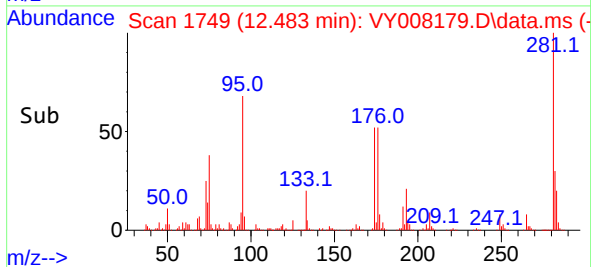
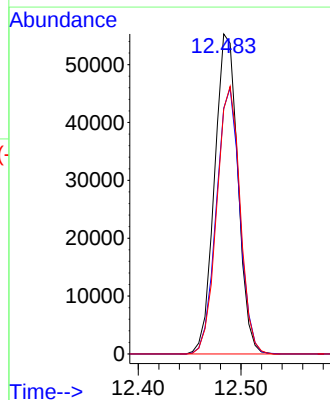
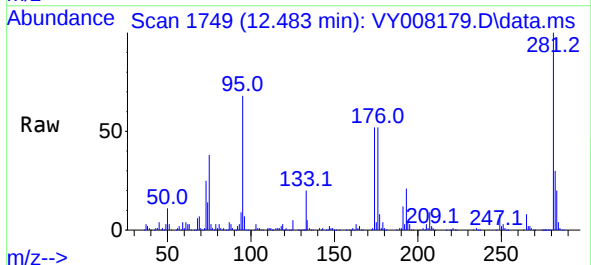
Instrument :
MSVOA_Y
ClientSampleId :

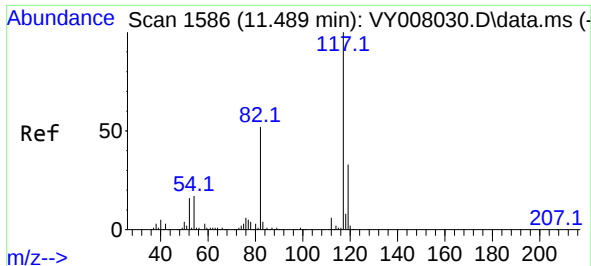
Tgt Ion: 98 Resp: 287467
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 43.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

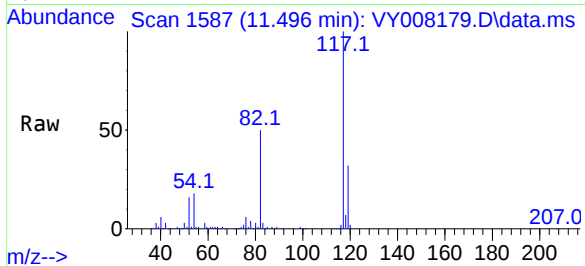
Tgt Ion: 95 Resp: 86952
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 83.4 0.0 175.8



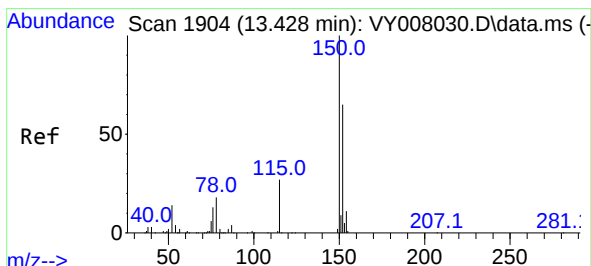
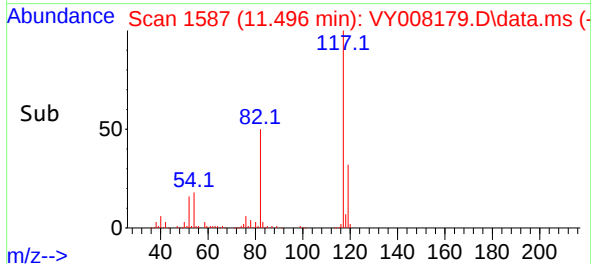
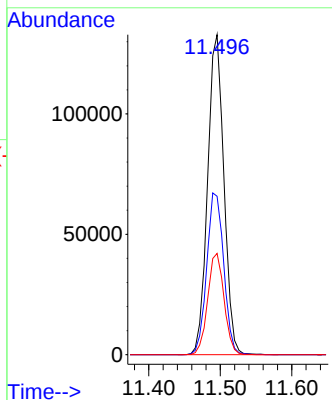


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :

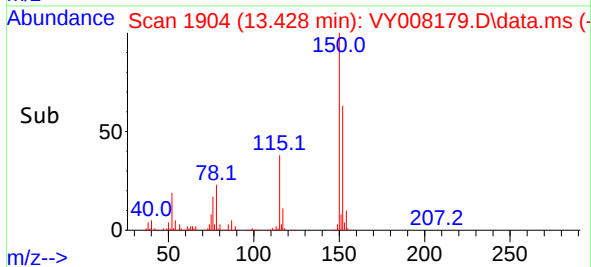
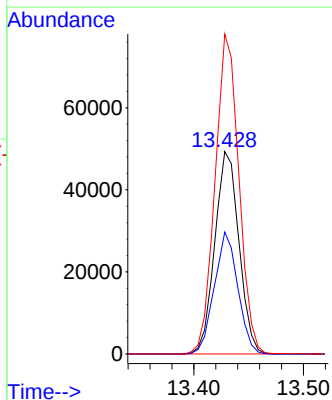
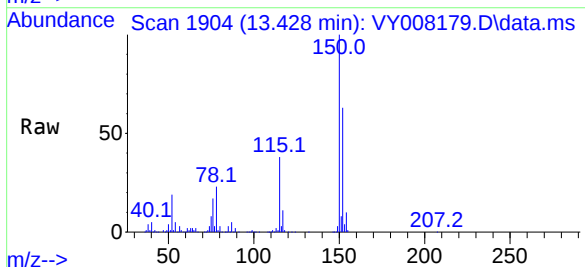


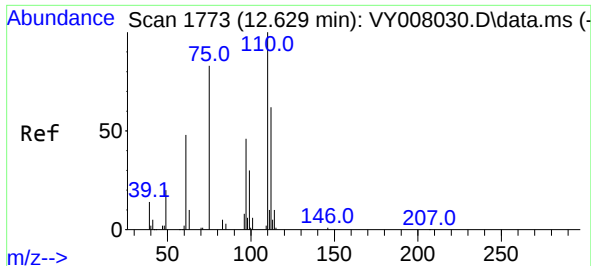
Tgt Ion:117 Resp: 210051
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion:152 Resp: 75543
Ion Ratio Lower Upper
152 100
115 58.5 28.2 84.7
150 156.1 0.0 347.6

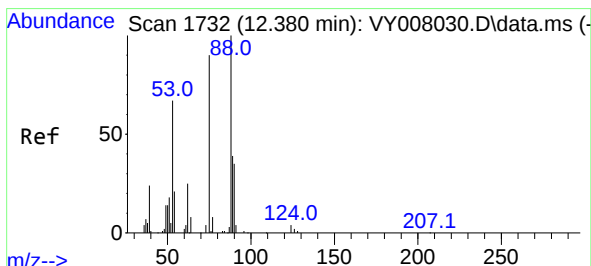
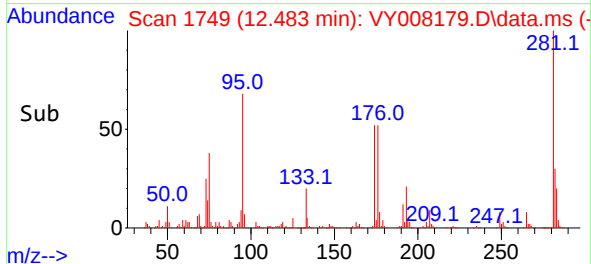
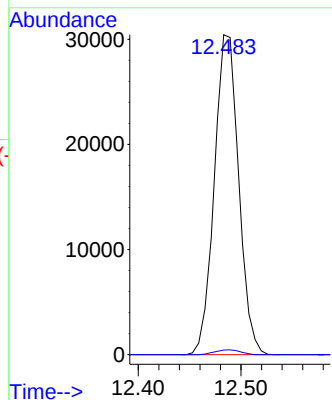
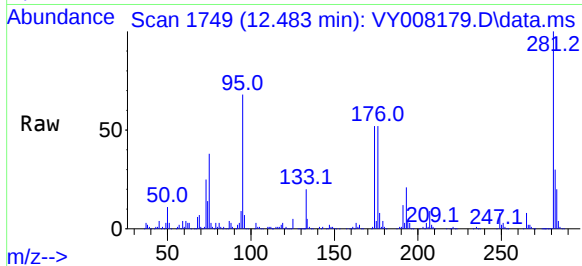




#76
1,2,3-Trichloropropane
Concen: 54.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 50063
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 121.296 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008179.D
Acq: 04 Apr 2022 14:42

Tgt Ion: 75 Resp: 50063
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 4.3 37.0 55.4#

