

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008306.D
 Acq On : 13 Apr 2022 12:43
 Operator : KP/MD
 Sample : N2365-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-041122

Quant Time: Apr 14 05:55:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

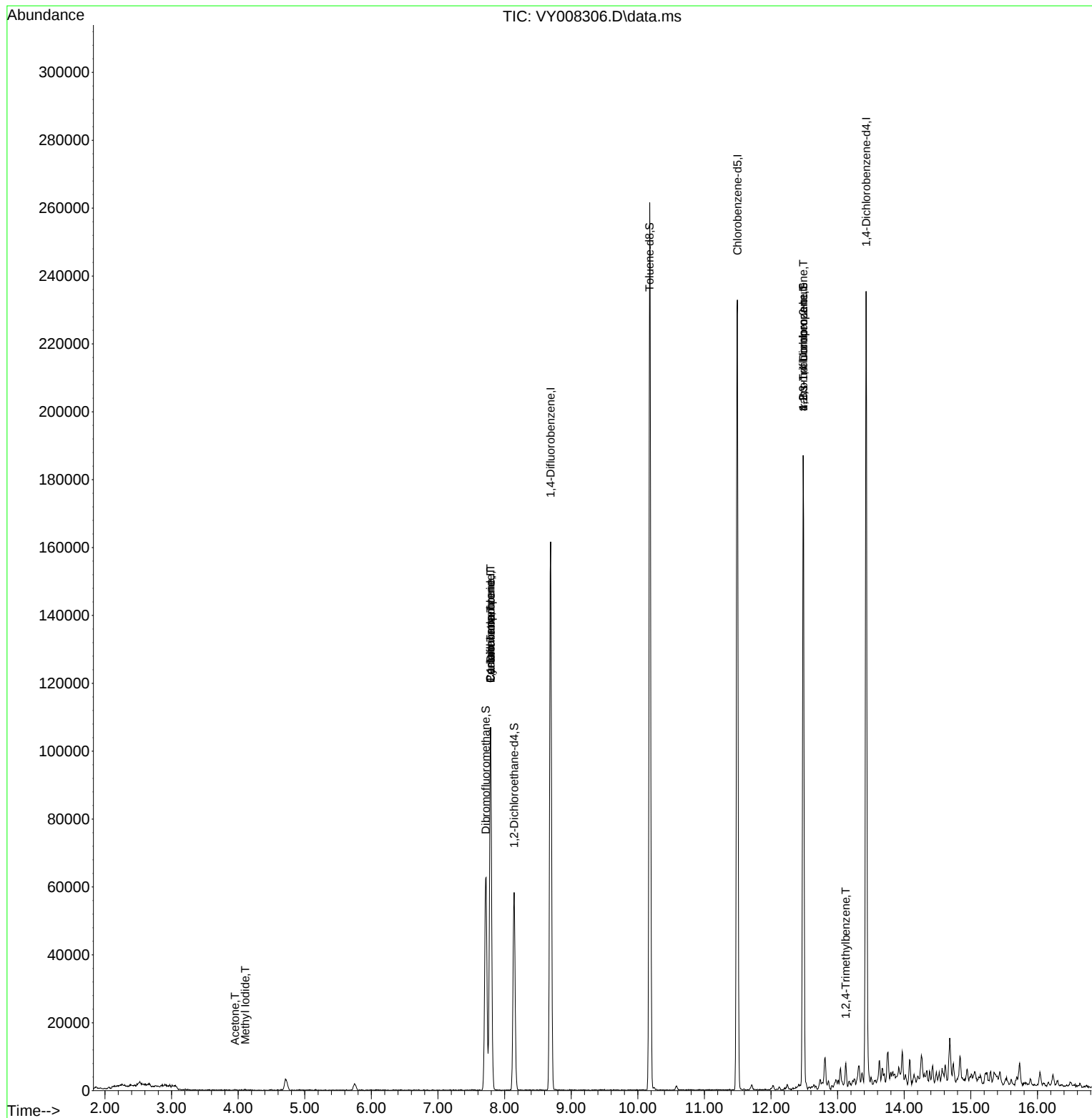
Internal Standards						
1) Pentafluorobenzene	7.789	168	83119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	146768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	134694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	59496	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44852	57.447	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.900%
35) Dibromofluoromethane	7.716	113	45673	53.878	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.760%
50) Toluene-d8	10.179	98	175823	60.614	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	121.220%
62) 4-Bromofluorobenzene	12.483	95	56623	51.899	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.800%
Target Compounds						
3) Chloromethane	2.119	50	194	Below Cal	#	44
5) Bromomethane	2.668	94	342	Below Cal	#	76
10) Methyl Iodide	4.107	142	274	2.647	ug/l #	35
16) Acetone	3.954	43	337	1.795	ug/l #	47
18) Methyl Acetate	4.485	43	175	Below Cal	#	56
20) Methylene Chloride	4.716	84	2611	Below Cal	#	63
31) Cyclohexane	7.789	56	1628	1.153	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6288	4.645	ug/l #	53
38) Carbon Tetrachloride	7.789	117	8072	5.543	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	30240	45.957	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	30240	102.827	ug/l #	7
84) 1,2,4-Trimethylbenzene	13.123	105	3884	1.082	ug/l	98

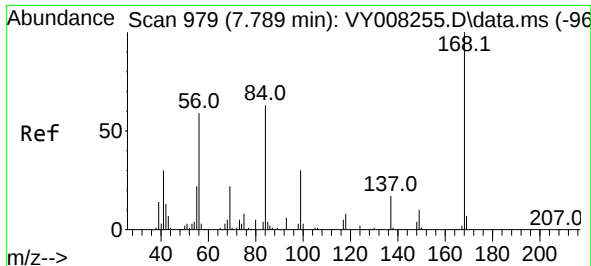
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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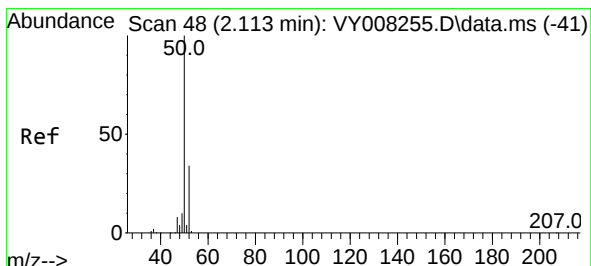
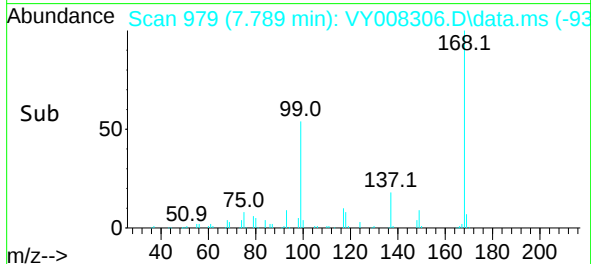
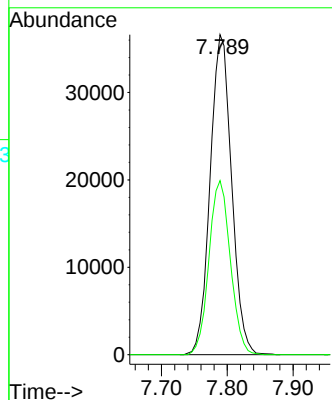
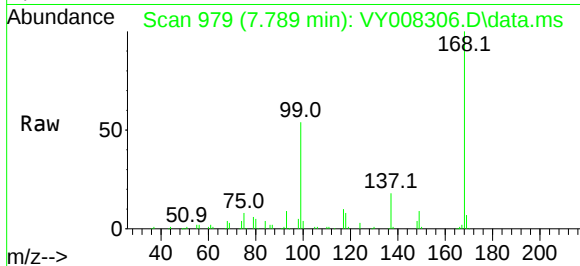




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

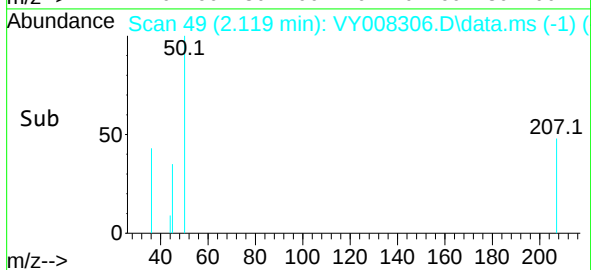
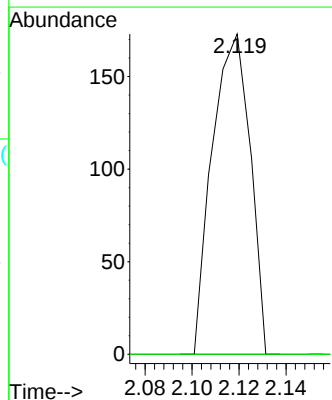
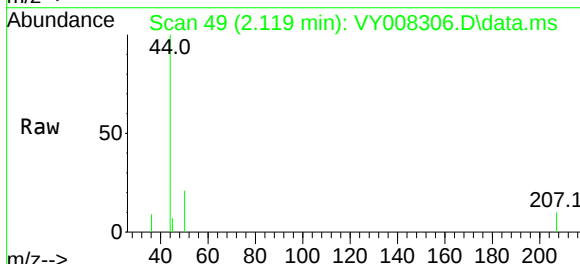
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

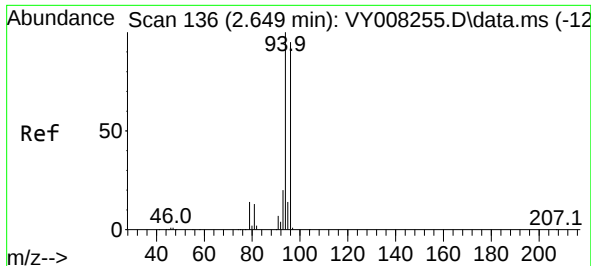
Tgt Ion:168 Resp: 83119
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

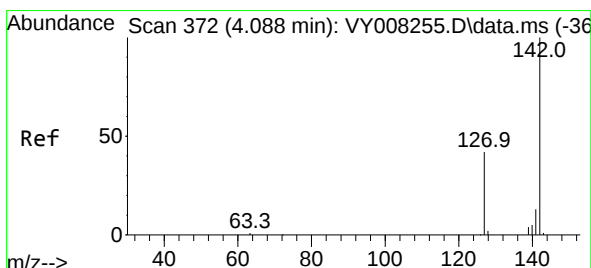
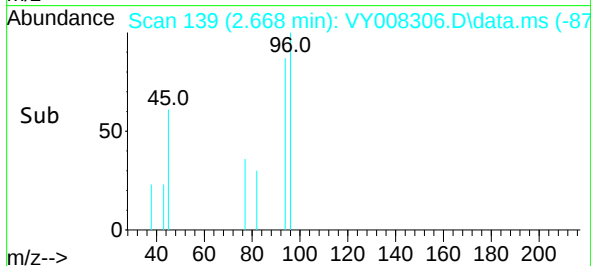
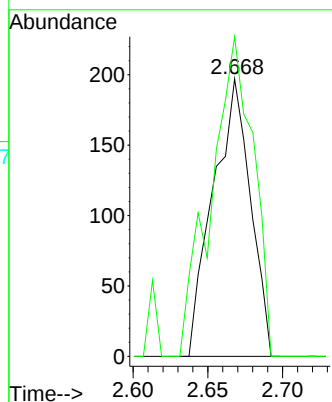
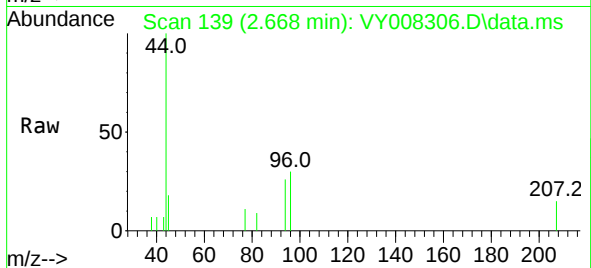




#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 11
Delta R.T. 0.019 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

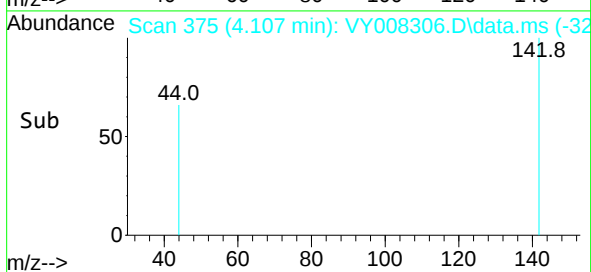
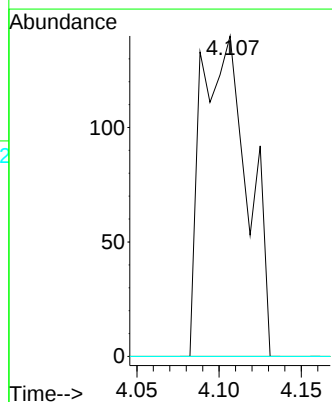
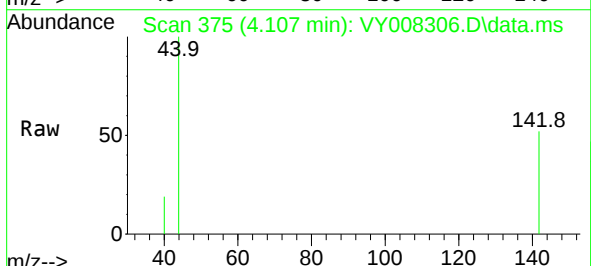
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

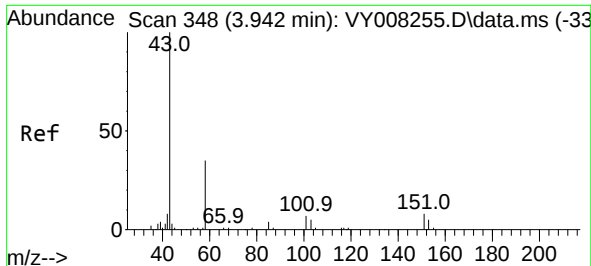
Tgt Ion: 94 Resp: 342
Ion Ratio Lower Upper
94 100
96 115.2 73.5 110.3#



#10
Methyl Iodide
Concen: 2.647 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 142 Resp: 274
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

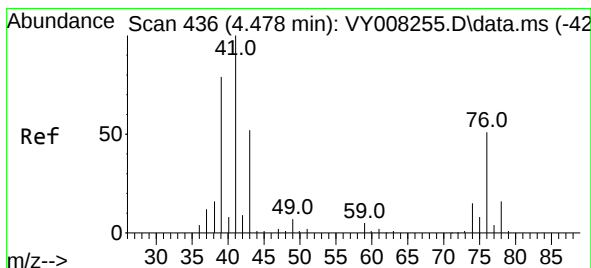
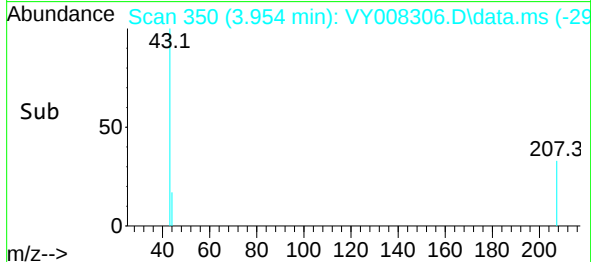
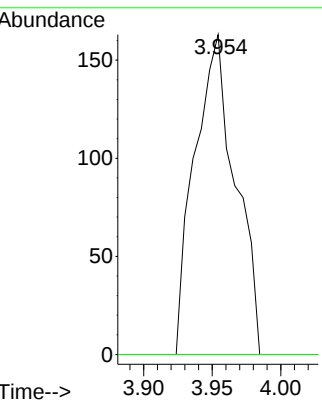
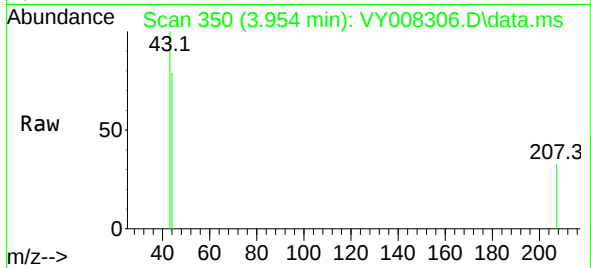




#16
Acetone
Concen: 1.795 ug/l
RT: 3.954 min Scan# 311
Delta R.T. 0.012 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

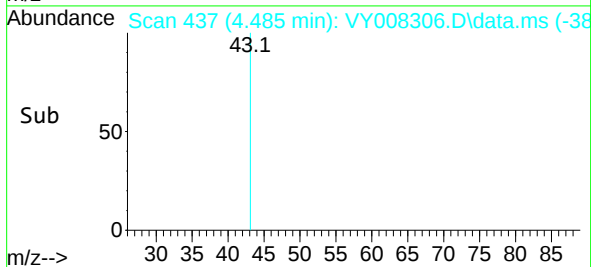
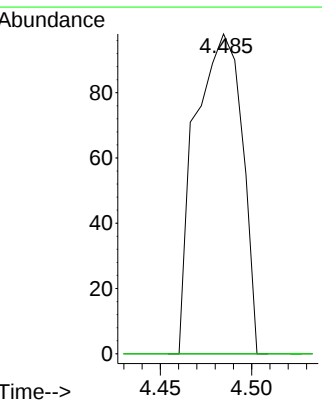
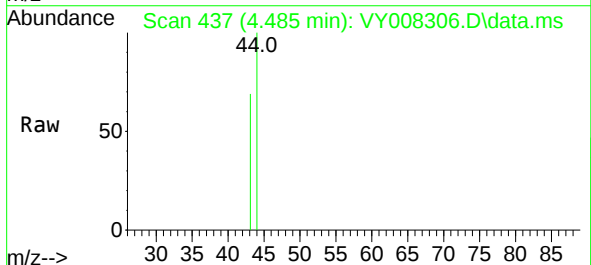
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

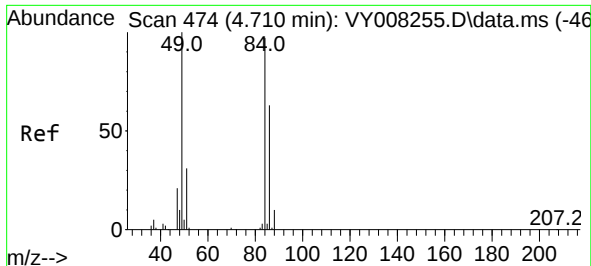
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 43 Resp: 175
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

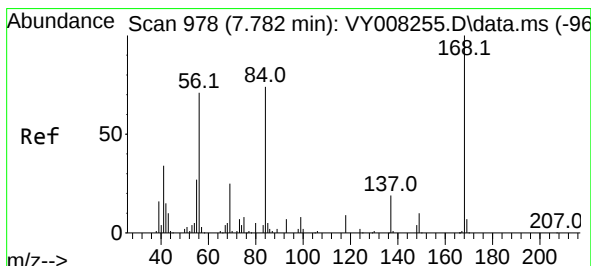
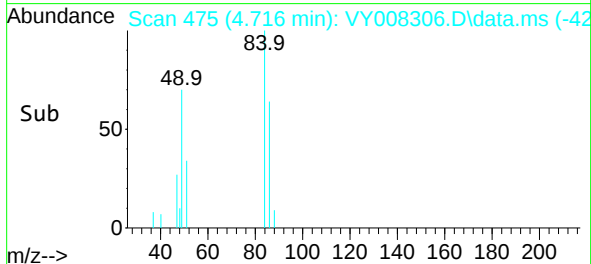
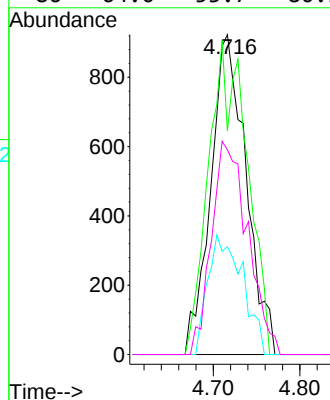
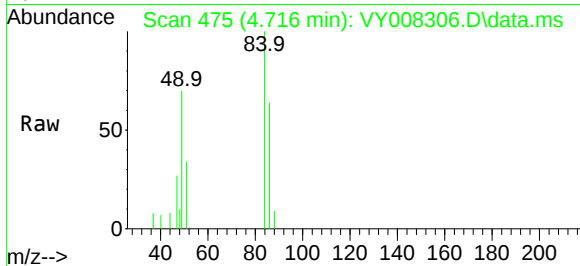




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

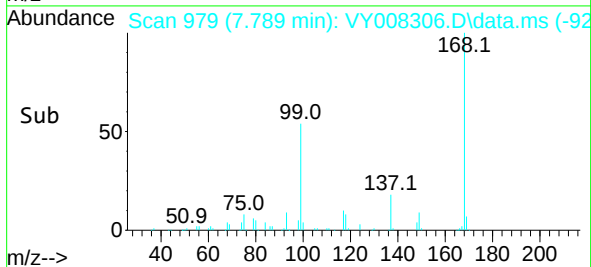
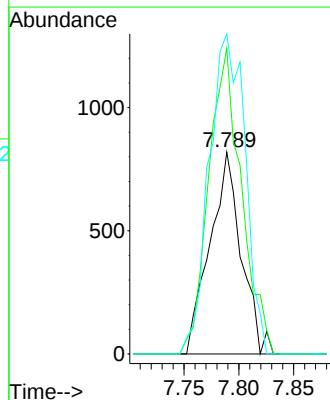
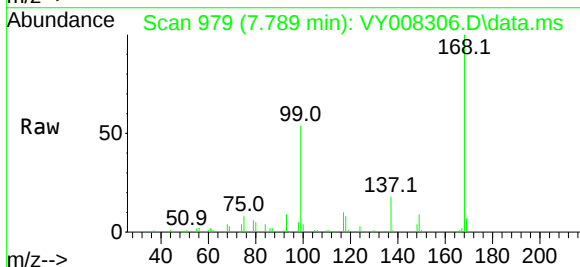
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

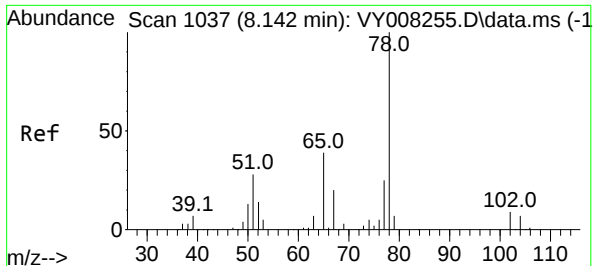
Tgt Ion:	84	Resp:	2611
Ion	Ratio	Lower	Upper
84	100		
49	69.9	114.4	171.6#
51	33.7	35.3	52.9#
86	64.0	53.7	80.5



#31
Cyclohexane
Concen: 1.153 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.007 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion:	56	Resp:	1628
Ion	Ratio	Lower	Upper
56	100		
69	151.5	26.7	40.1#
84	158.6	67.2	100.8#

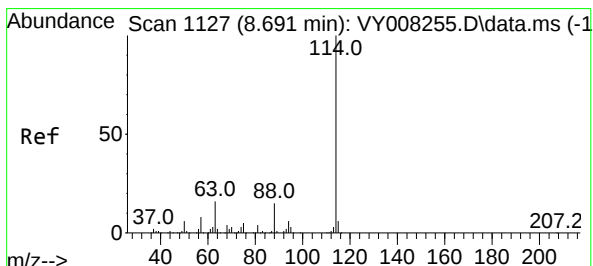
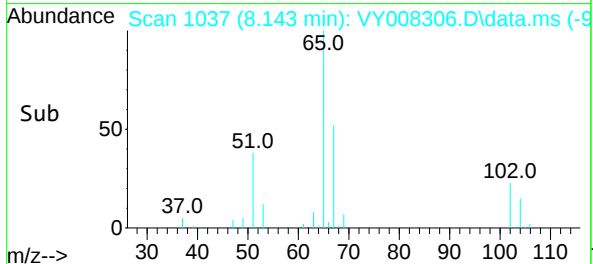
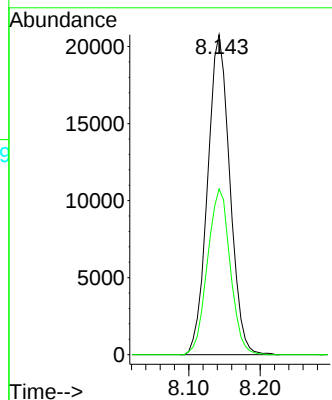
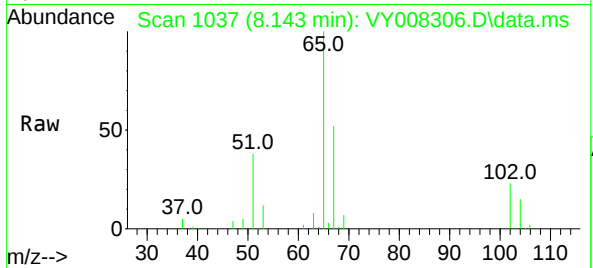




#33
1,2-Dichloroethane-d4
Concen: 57.447 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

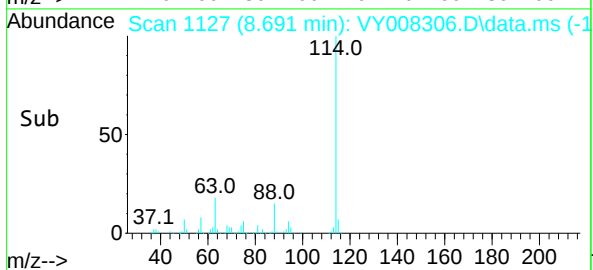
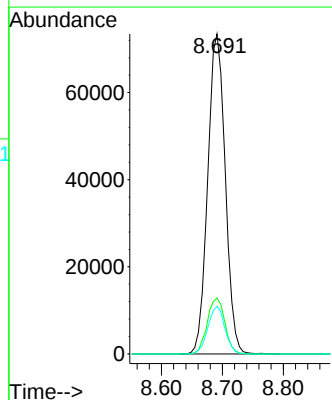
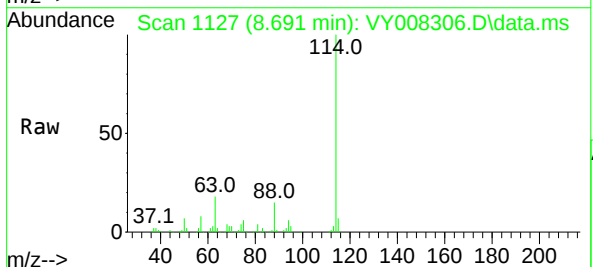
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

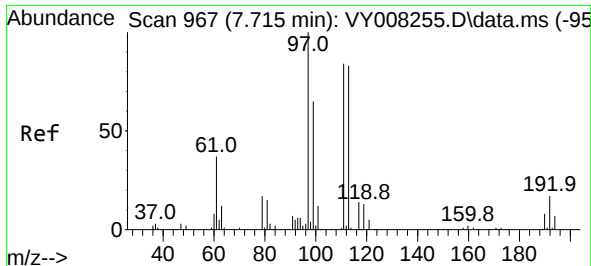
Tgt Ion: 65 Resp: 44852
Ion Ratio Lower Upper
65 100
67 52.9 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 114 Resp: 146768
Ion Ratio Lower Upper
114 100
63 17.5 0.0 43.2
88 14.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.878 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.001 min

Lab File: VY008306.D

Acq: 13 Apr 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-041122

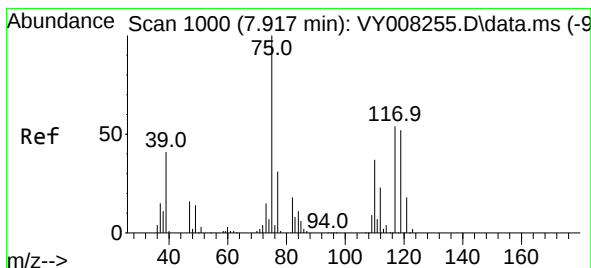
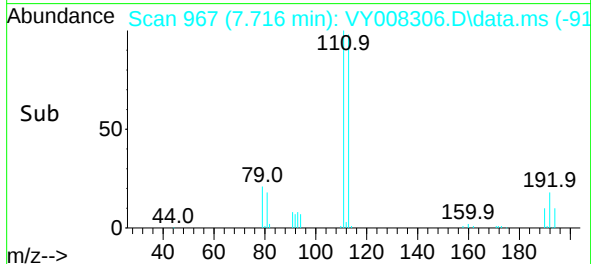
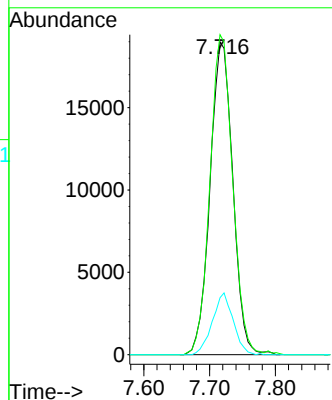
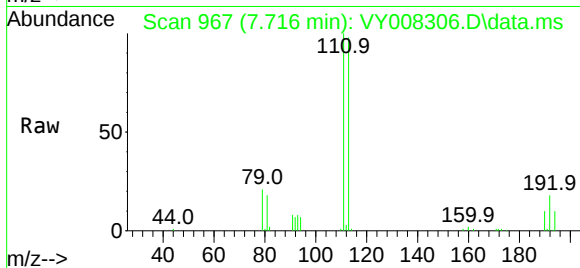
Tgt Ion:113 Resp: 45673

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 18.1 17.6 26.4



#36

1,1-Dichloropropene

Concen: 4.645 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY008306.D

Acq: 13 Apr 2022 12:43

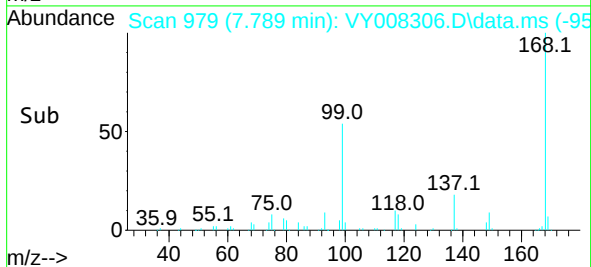
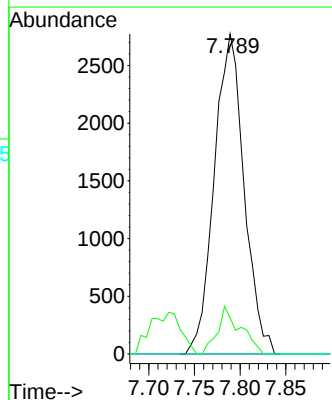
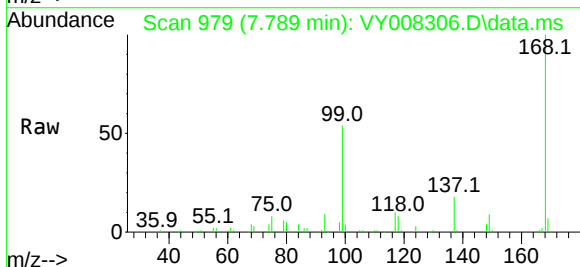
Tgt Ion: 75 Resp: 6288

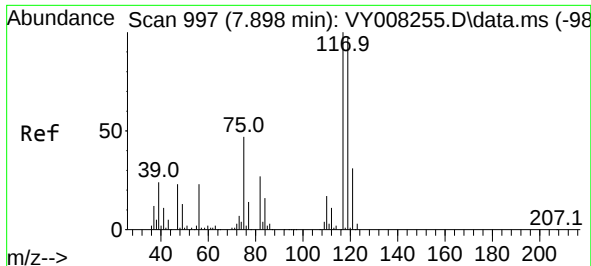
Ion Ratio Lower Upper

75 100

110 11.4 17.1 51.2#

77 0.0 24.4 36.6#

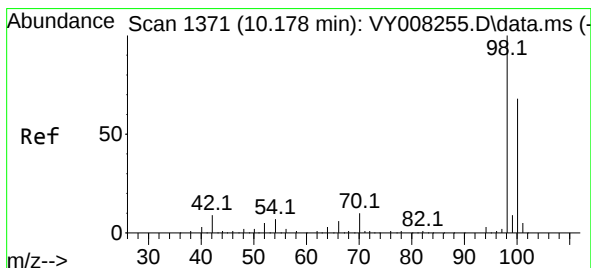
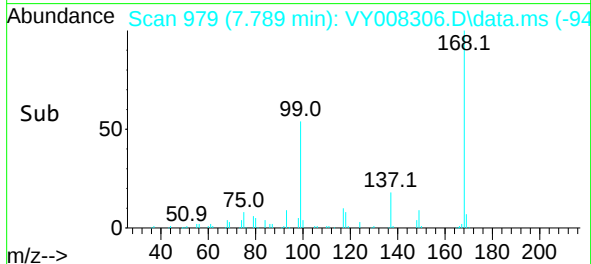
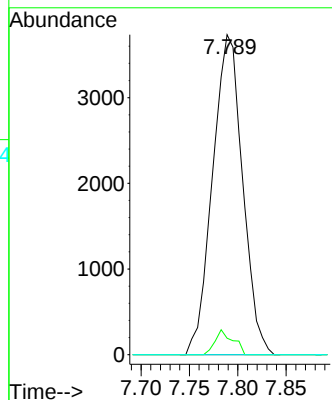
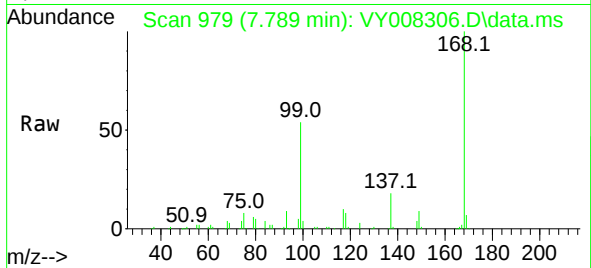




#38
Carbon Tetrachloride
Concen: 5.543 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

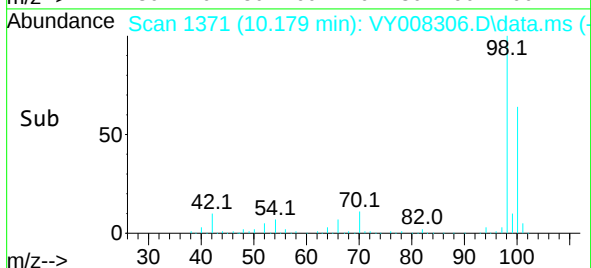
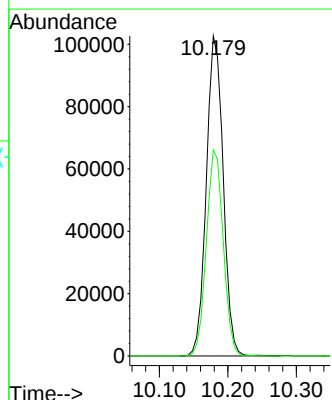
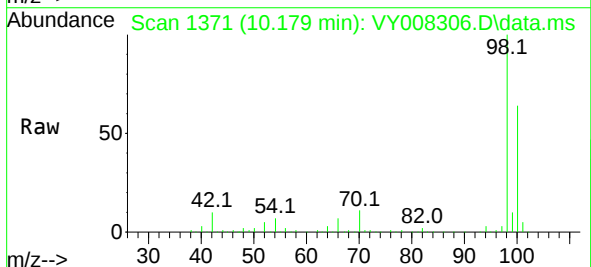
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

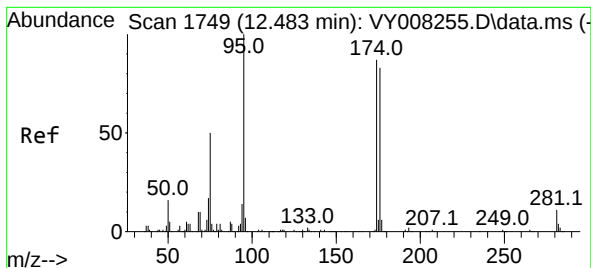
Tgt Ion:117 Resp: 8072
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.614 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 98 Resp: 175823
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

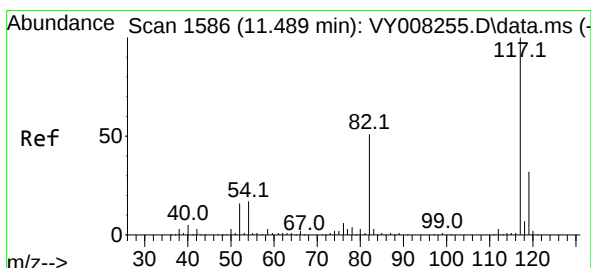
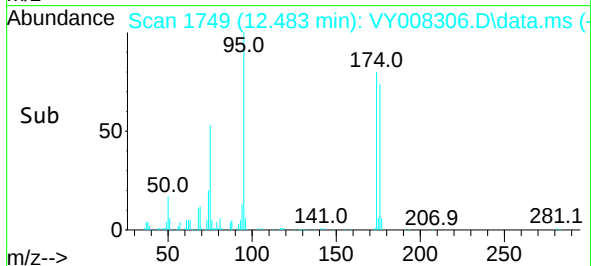
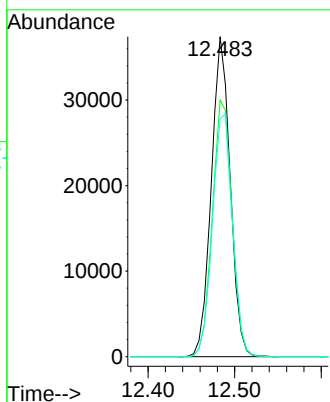
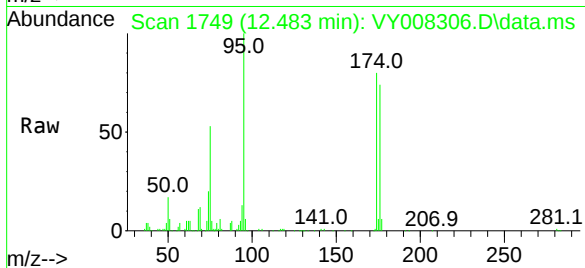




#62
4-Bromofluorobenzene
Concen: 51.899 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

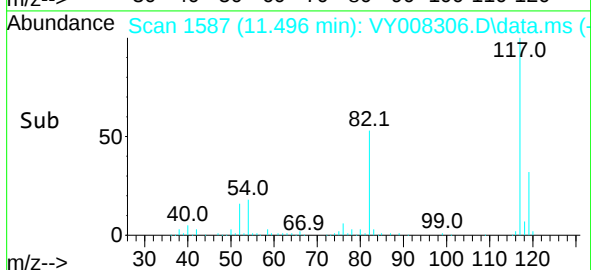
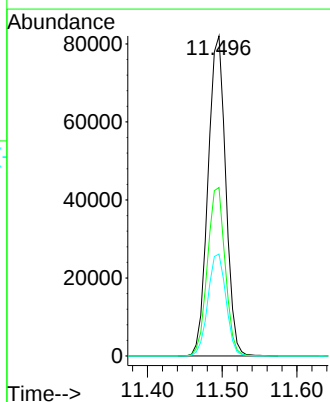
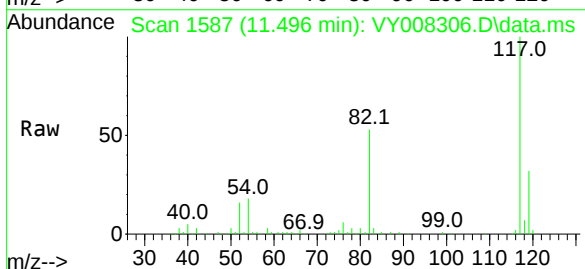
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

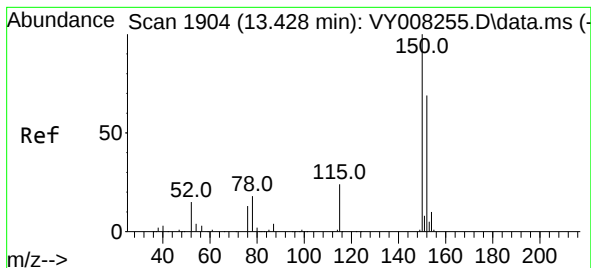
Tgt Ion: 95 Resp: 56623
Ion Ratio Lower Upper
95 100
174 84.0 0.0 177.0
176 80.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 117 Resp: 134694
Ion Ratio Lower Upper
117 100
82 52.6 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# 1904

Delta R.T. 0.000 min

Lab File: VY008306.D

Acq: 13 Apr 2022 12:43

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-041122

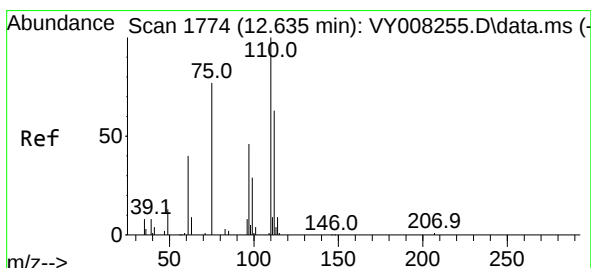
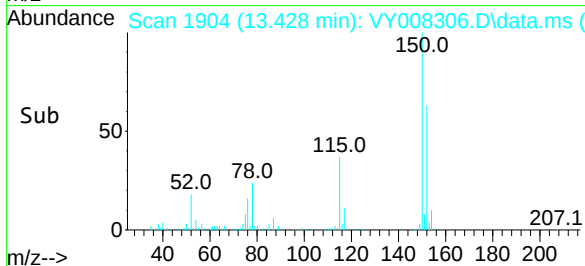
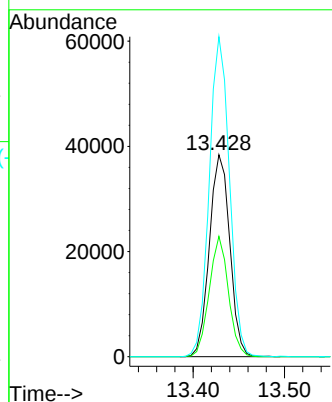
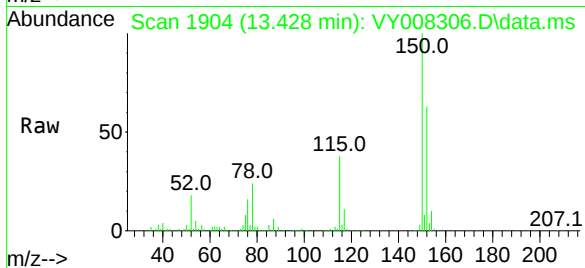
Tgt Ion:152 Resp: 59496

Ion Ratio Lower Upper

152 100

115 56.1 28.2 84.7

150 156.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.957 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008306.D

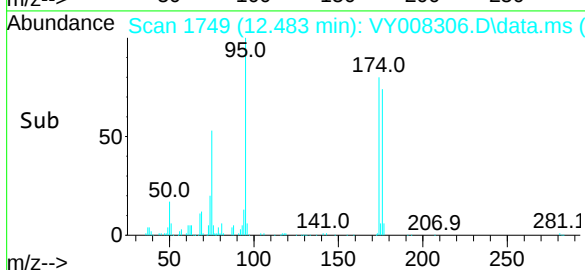
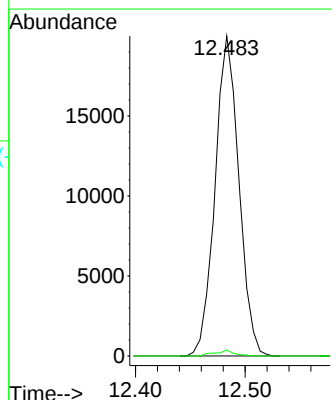
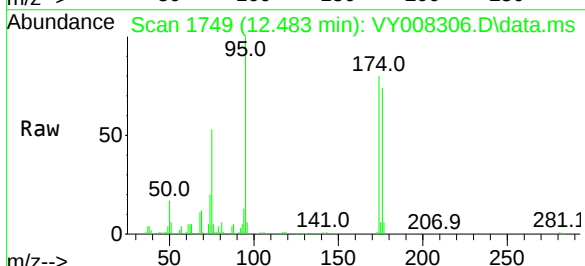
Acq: 13 Apr 2022 12:43

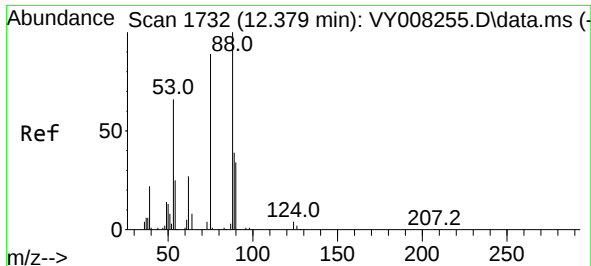
Tgt Ion: 75 Resp: 30240

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

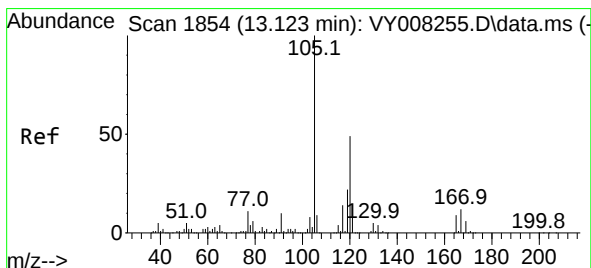
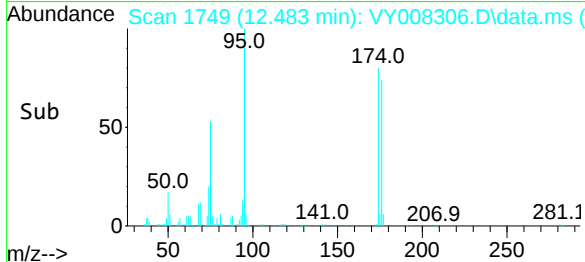
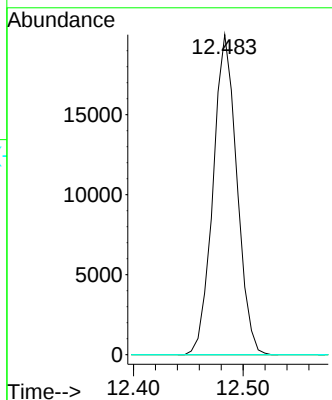
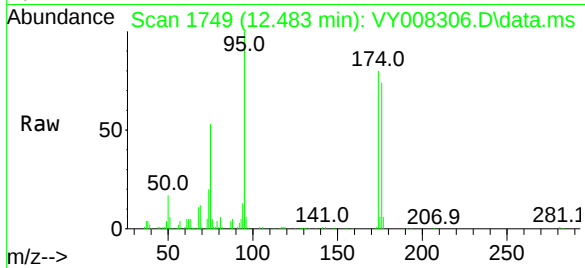




#81
trans-1,4-Dichloro-2-butene
Concen: 102.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-041122

Tgt Ion: 75 Resp: 30240
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.082 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008306.D
Acq: 13 Apr 2022 12:43

Tgt Ion: 105 Resp: 3884
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9

