

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033122\
 Data File : VY008136.D
 Acq On : 31 Mar 2022 13:58
 Operator : SY/MD
 Sample : N2158-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-032822

Quant Time: Mar 31 14:23:47 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)

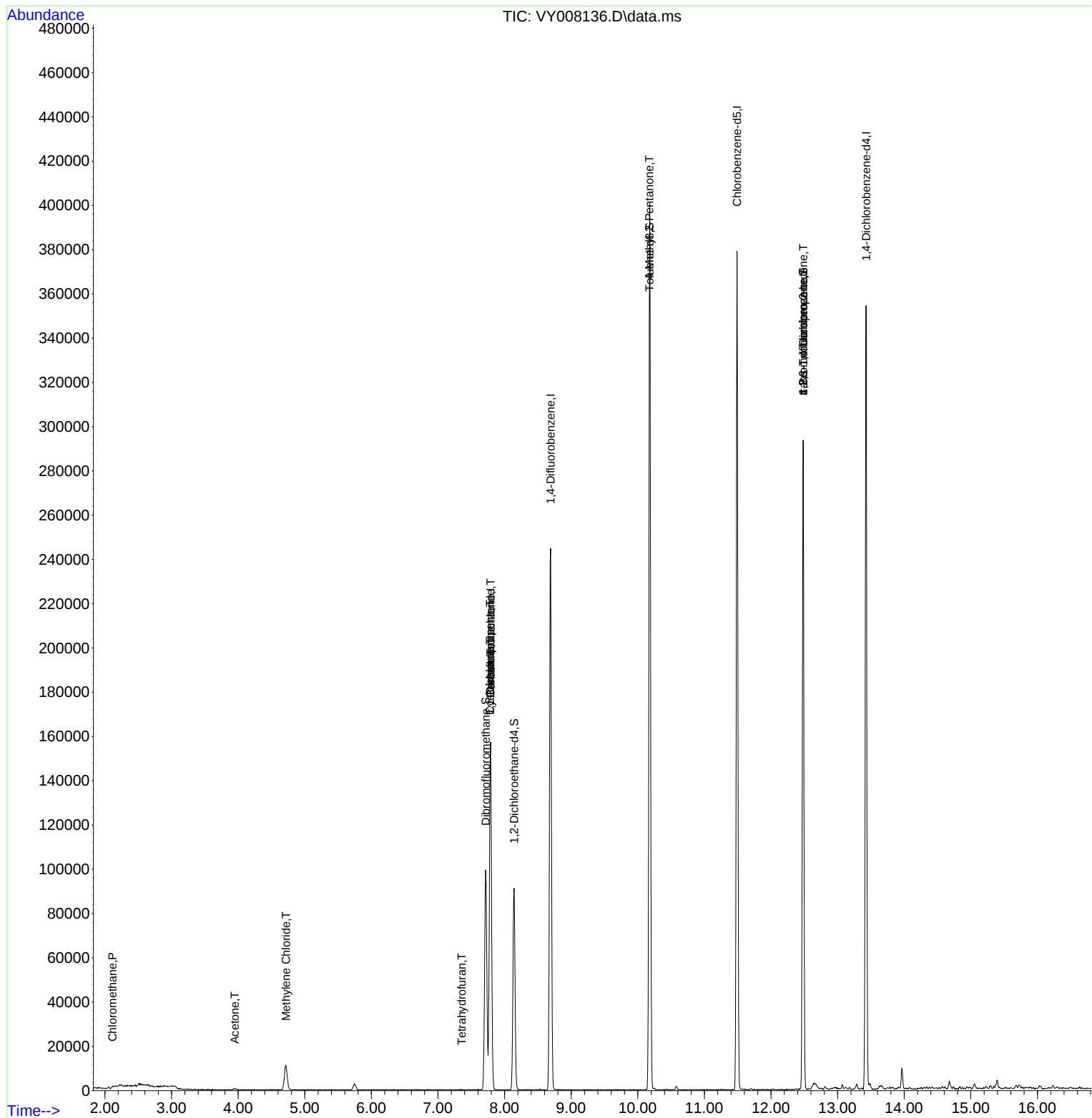
Internal Standards						
1) Pentafluorobenzene	7.789	168	123743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	222382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	210008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69299	55.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.640%	
35) Dibromofluoromethane	7.716	113	70491	50.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.120%	
50) Toluene-d8	10.179	98	272617	51.898	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.800%	
62) 4-Bromofluorobenzene	12.483	95	90427	48.794	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.580%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	313	0.230	ug/l	94
16) Acetone	3.948	43	1186	4.179	ug/l #	86
18) Methyl Acetate	4.479	43	114	Below Cal		99
20) Methylene Chloride	4.716	84	9075	1.747	ug/l #	70
29) Tetrahydrofuran	7.356	42	68	0.242	ug/l #	38
31) Cyclohexane	7.783	56	2467	1.063	ug/l #	30
36) 1,1-Dichloropropene	7.783	75	9504	4.339	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12244	5.130	ug/l #	16
51) 4-Methyl-2-Pentanone	10.173	43	926	0.914	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46793	42.423	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46793	94.653	ug/l #	7

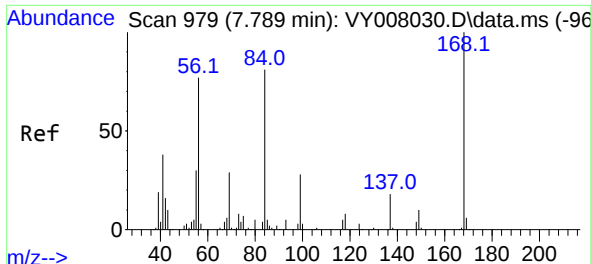
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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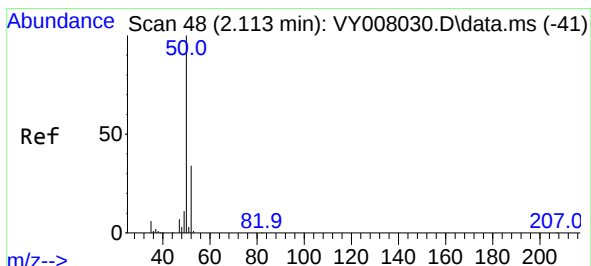
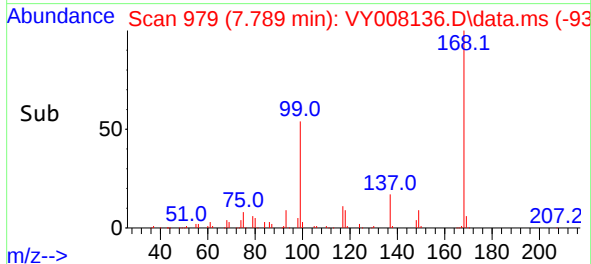
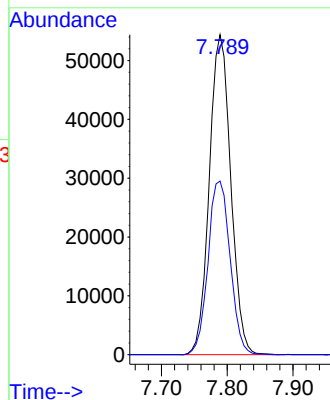
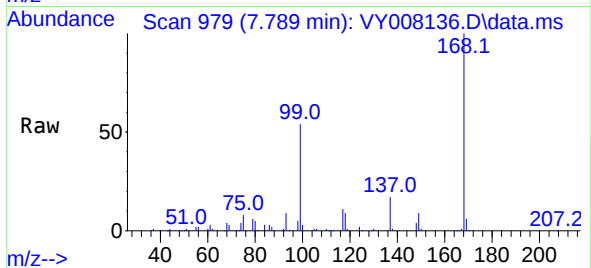




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

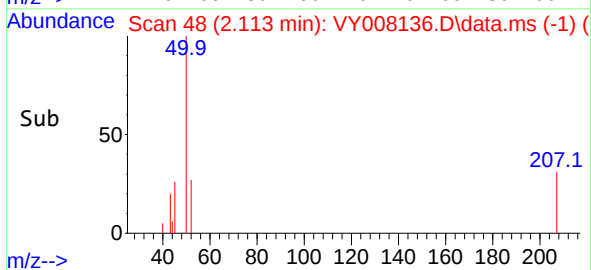
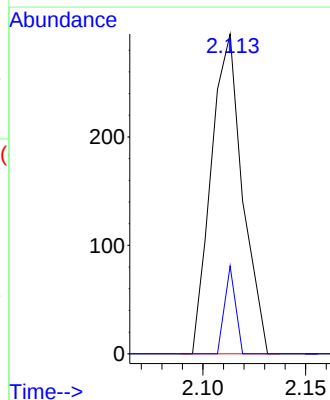
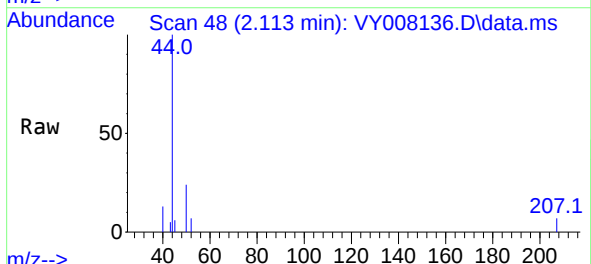
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-032822

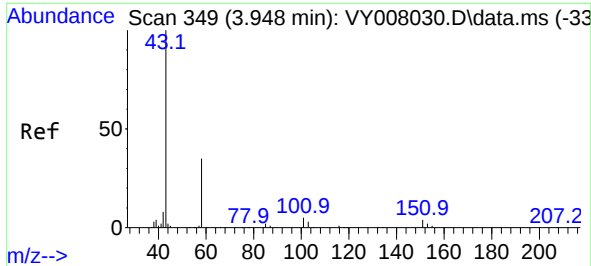
Tgt Ion:168 Resp: 123743
Ion Ratio Lower Upper
168 100
99 54.3 46.9 70.3



#3
Chloromethane
Concen: 0.230 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

Tgt Ion: 50 Resp: 313
Ion Ratio Lower Upper
50 100
52 27.5 24.6 37.0





#16

Acetone

Concen: 4.179 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY008136.D

Acq: 31 Mar 2022 13:58

Instrument :

MSVOA_Y

ClientSampleId :

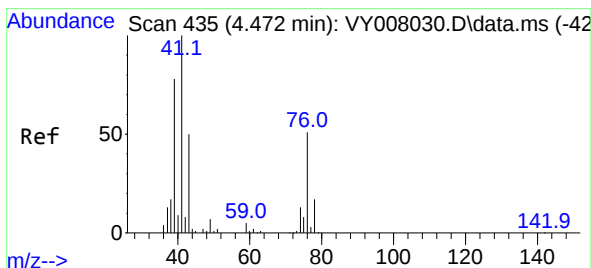
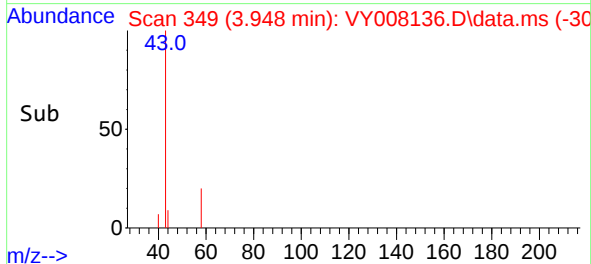
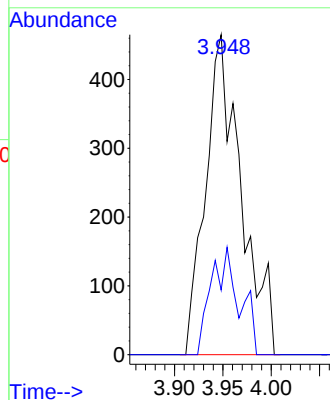
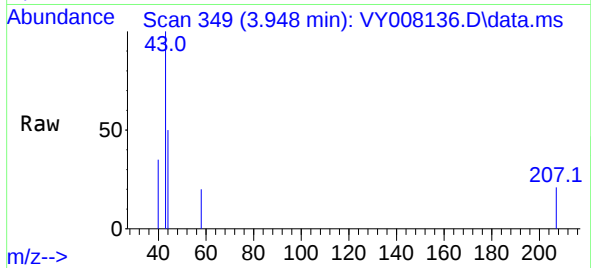
OR-02-032822

Tgt Ion: 43 Resp: 1186

Ion Ratio Lower Upper

43 100

58 20.2 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 436

Delta R.T. 0.007 min

Lab File: VY008136.D

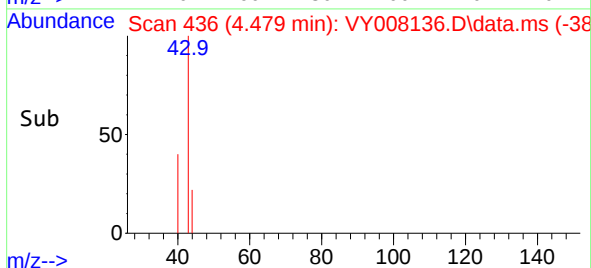
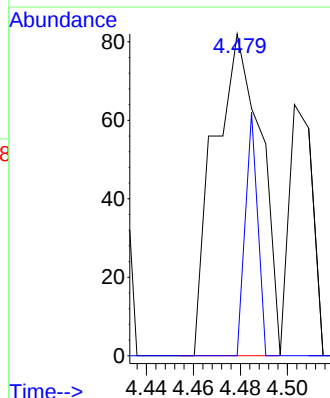
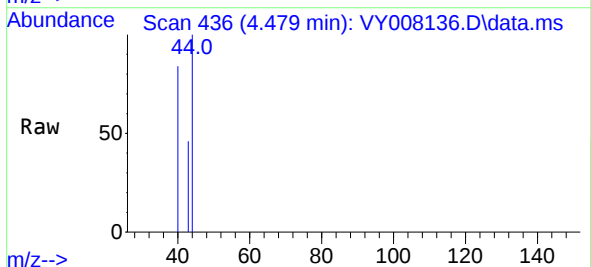
Acq: 31 Mar 2022 13:58

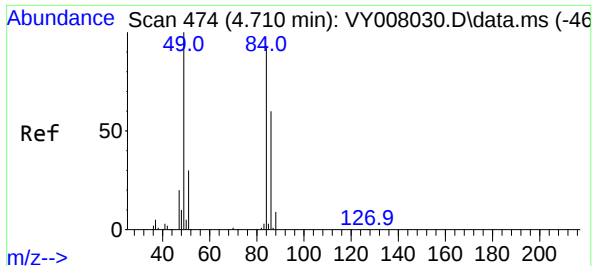
Tgt Ion: 43 Resp: 114

Ion Ratio Lower Upper

43 100

74 20.2 16.6 24.8

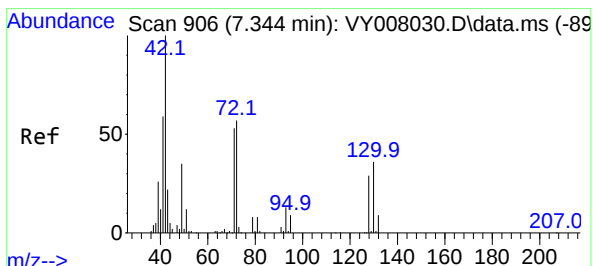
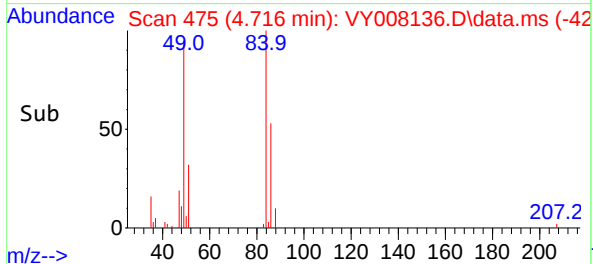
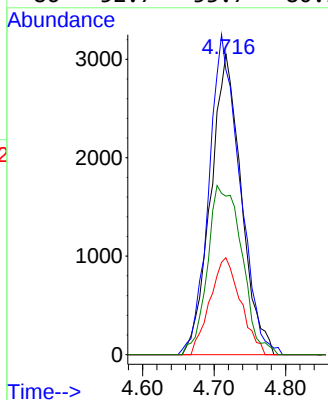
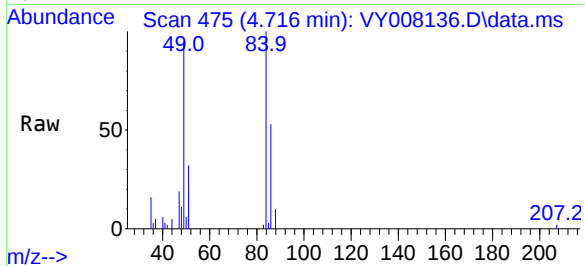




#20
Methylene Chloride
Concen: 1.747 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

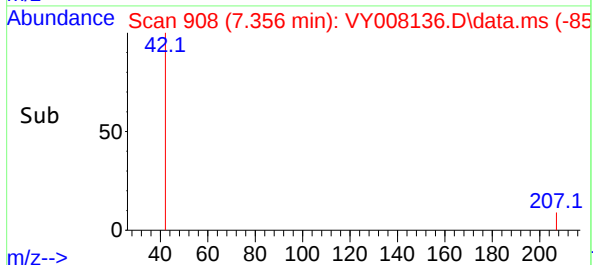
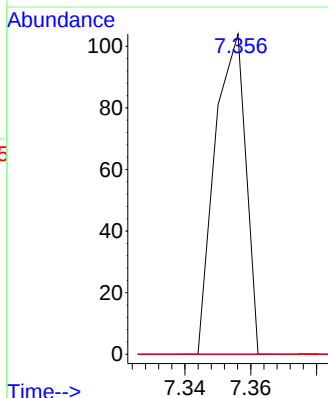
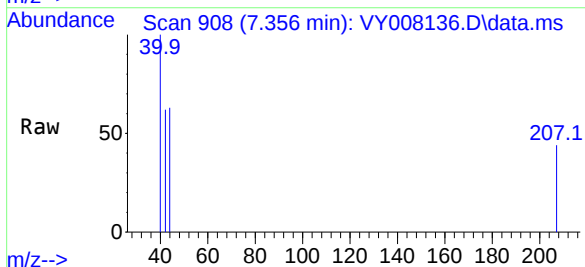
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-032822

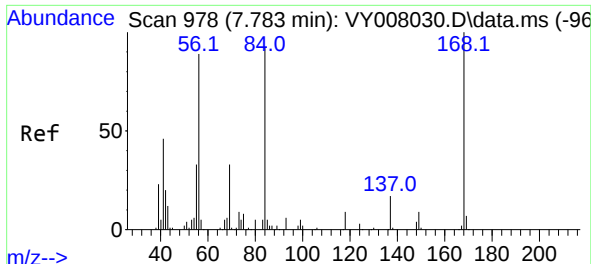
Tgt Ion: 84 Resp: 9075
Ion Ratio Lower Upper
84 100
49 94.8 114.4 171.6#
51 32.3 35.3 52.9#
86 52.7 53.7 80.5#



#29
Tetrahydrofuran
Concen: 0.242 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

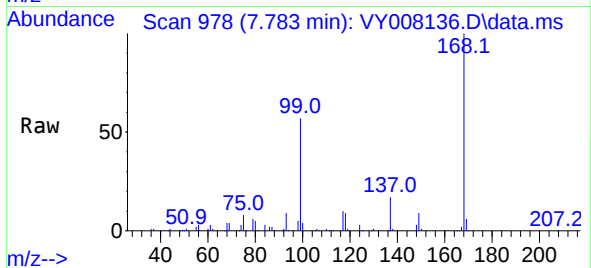
Tgt Ion: 42 Resp: 68
Ion Ratio Lower Upper
42 100
72 0.0 30.3 45.5#
71 0.0 29.0 43.4#



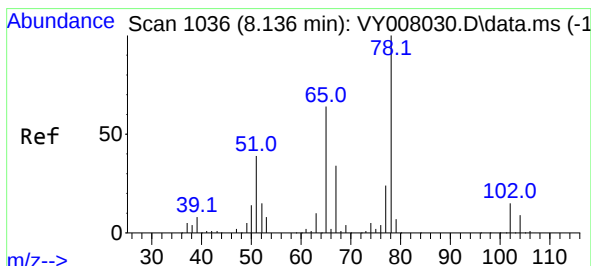
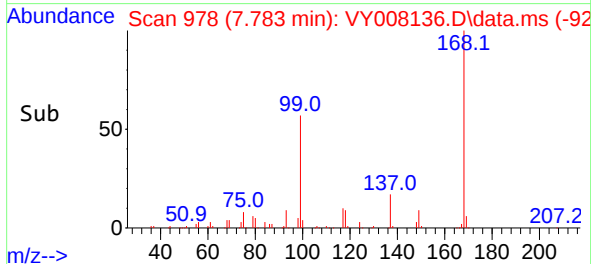
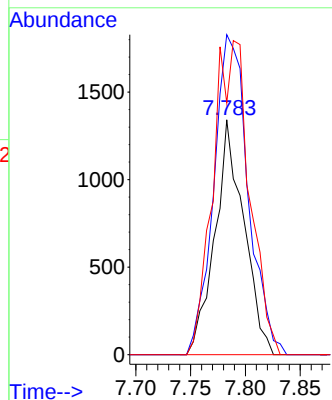


#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

Instrument :
MSVOA_Y
ClientSampleId :
OR-02-032822

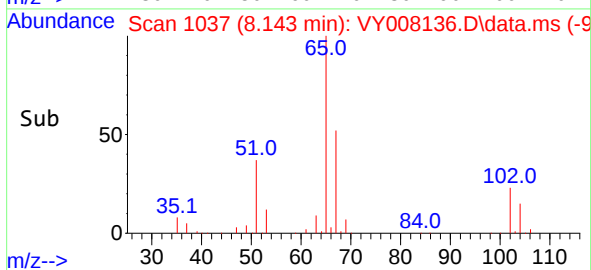
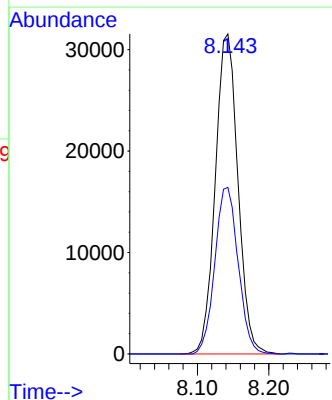
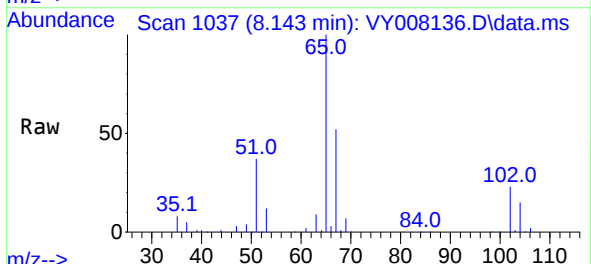


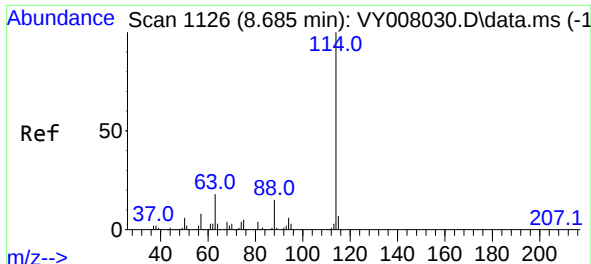
Tgt Ion: 56 Resp: 2467
Ion Ratio Lower Upper
56 100
69 136.2 26.7 40.1#
84 107.2 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 55.818 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

Tgt Ion: 65 Resp: 69299
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# 1126

Delta R.T. 0.006 min

Lab File: VY008136.D

Acq: 31 Mar 2022 13:58

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-032822

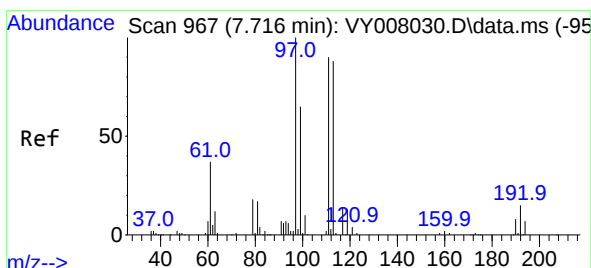
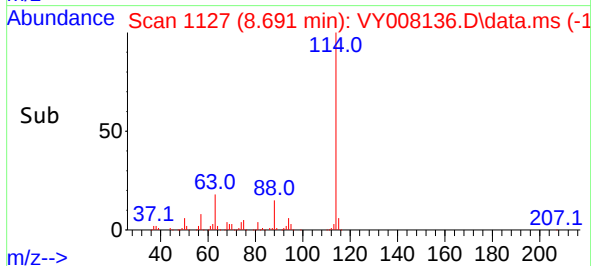
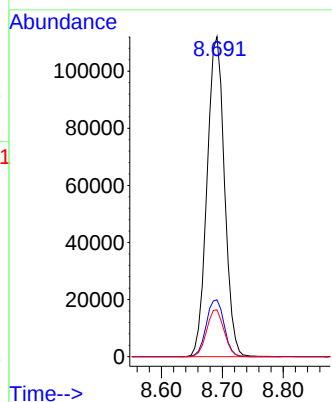
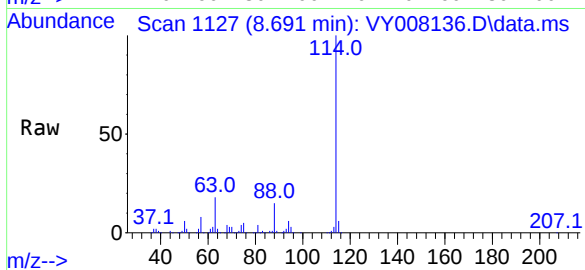
Tgt Ion:114 Resp: 222382

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 50.558 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008136.D

Acq: 31 Mar 2022 13:58

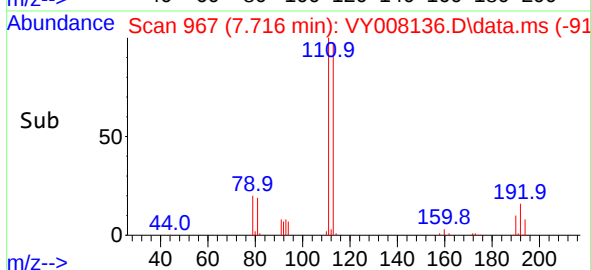
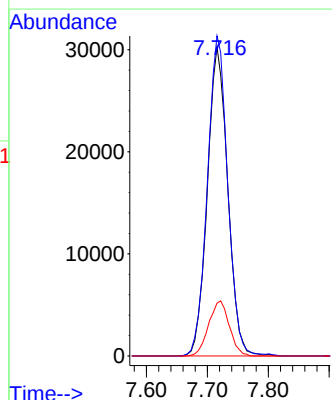
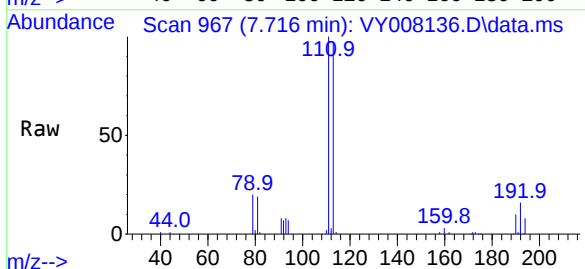
Tgt Ion:113 Resp: 70491

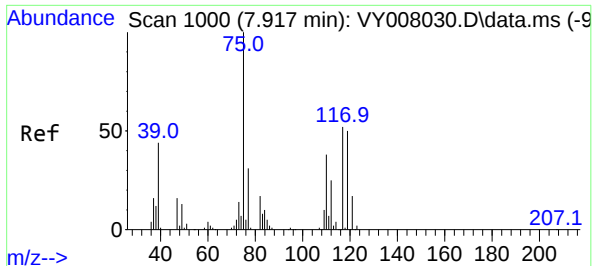
Ion Ratio Lower Upper

113 100

111 103.4 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.339 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY008136.D

Acq: 31 Mar 2022 13:58

Instrument :

MSVOA_Y

ClientSampleId :

OR-02-032822

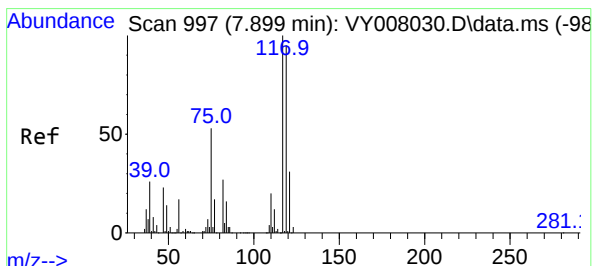
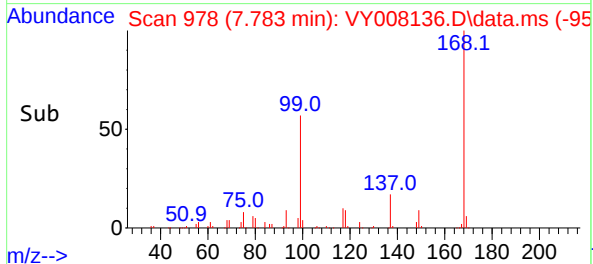
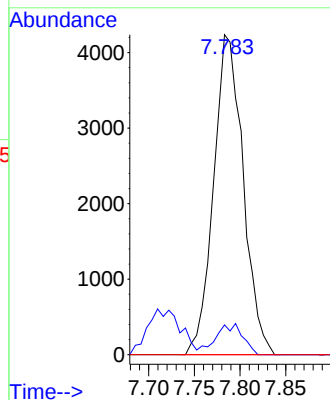
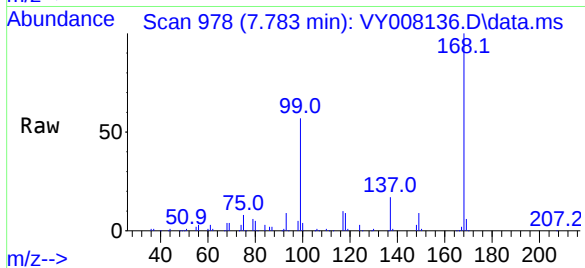
Tgt Ion: 75 Resp: 9504

Ion Ratio Lower Upper

75 100

110 8.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.130 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008136.D

Acq: 31 Mar 2022 13:58

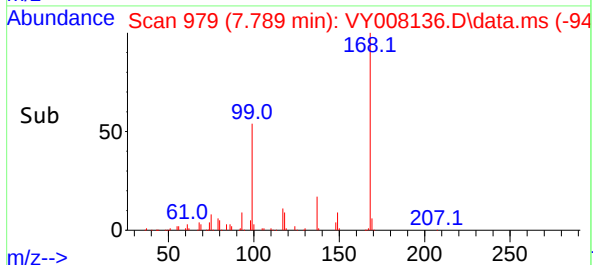
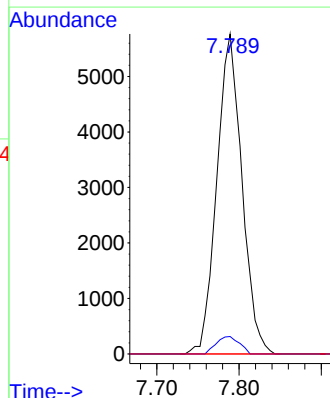
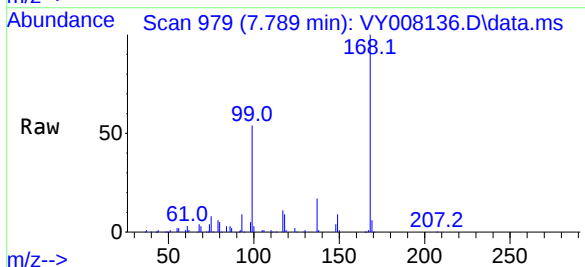
Tgt Ion: 117 Resp: 12244

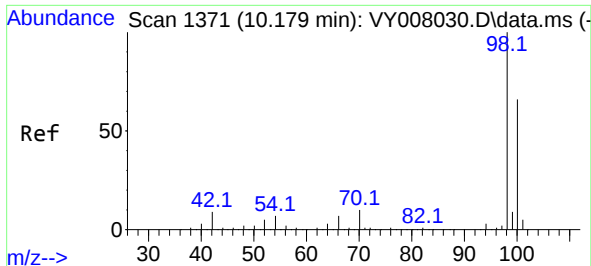
Ion Ratio Lower Upper

117 100

119 5.5 77.9 116.9#

121 0.0 24.8 37.2#

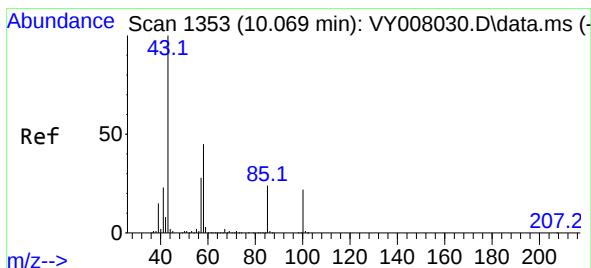
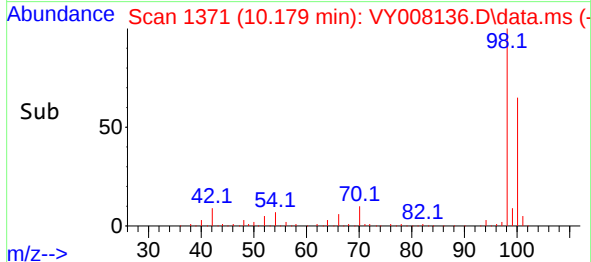
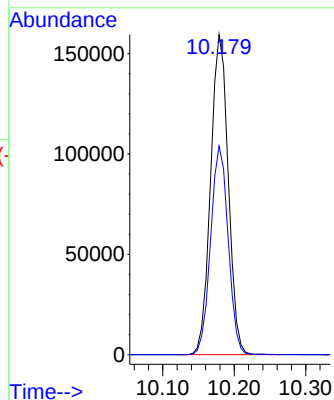
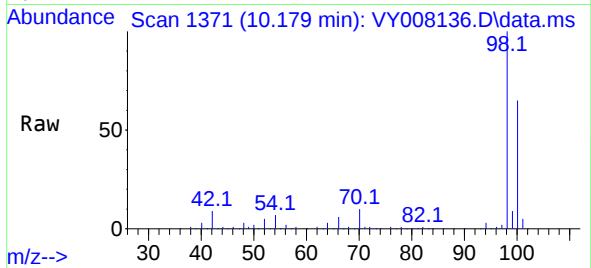




#50
Toluene-d8
Concen: 51.898 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

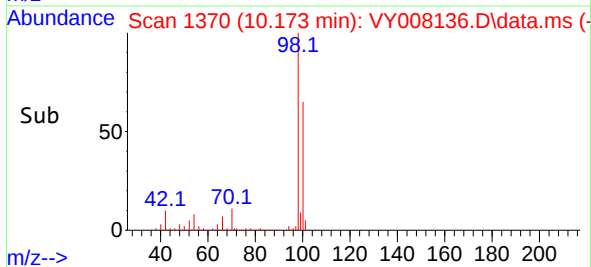
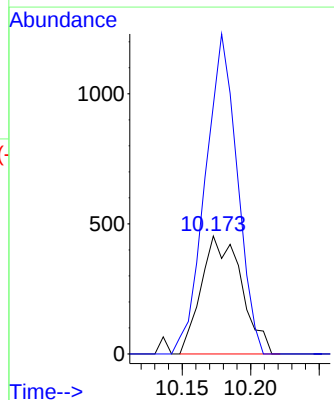
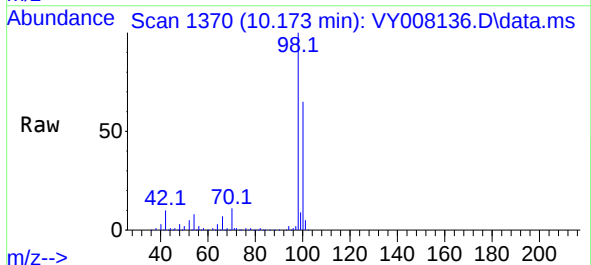
Instrument :
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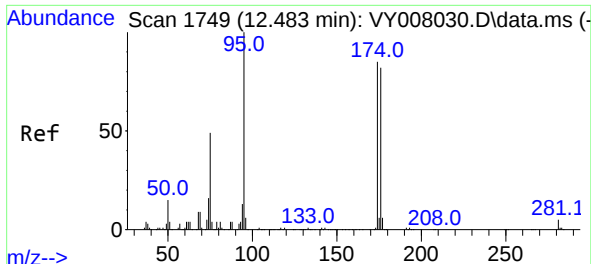
Tgt Ion: 98 Resp: 272617
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 0.914 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 215.7 28.1 42.1#

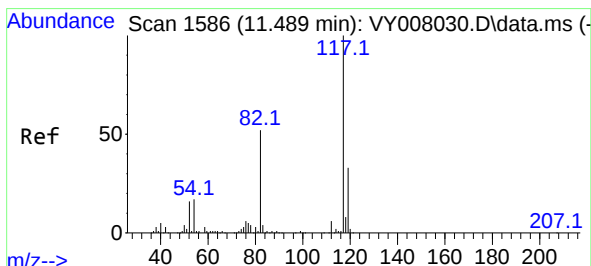
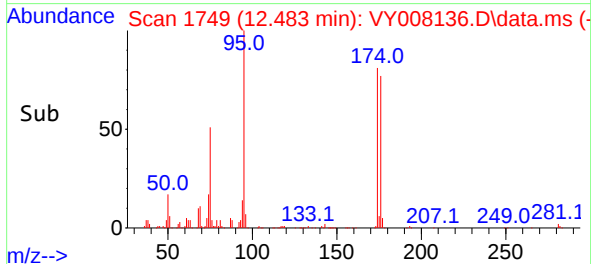
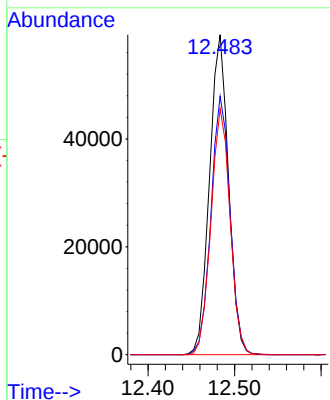
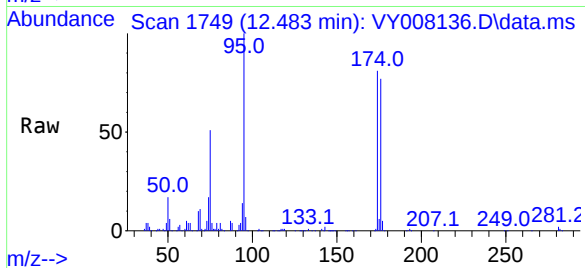




#62
4-Bromofluorobenzene
Concen: 48.794 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

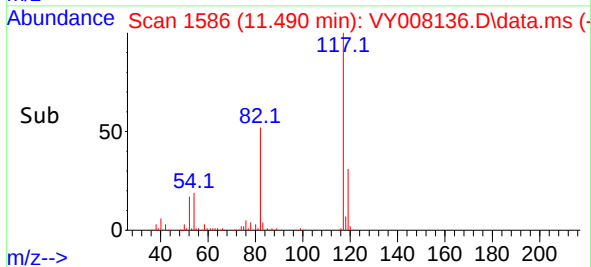
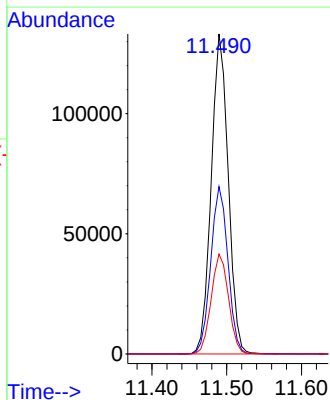
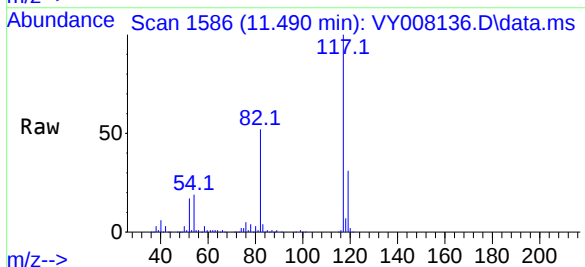
Instrument :
MSVOA_Y
ClientSampleId :
OR-02-032822

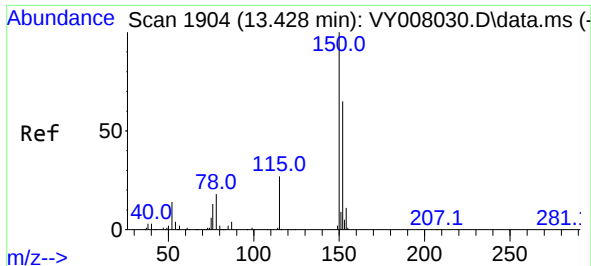
Tgt Ion:	95	Resp:	90427
Ion	Ratio	Lower	Upper
95	100		
174	81.4	0.0	177.0
176	77.2	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008136.D
Acq: 31 Mar 2022 13:58

Tgt Ion:	117	Resp:	210008
Ion	Ratio	Lower	Upper
117	100		
82	52.3	43.0	64.4
119	31.2	25.4	38.0

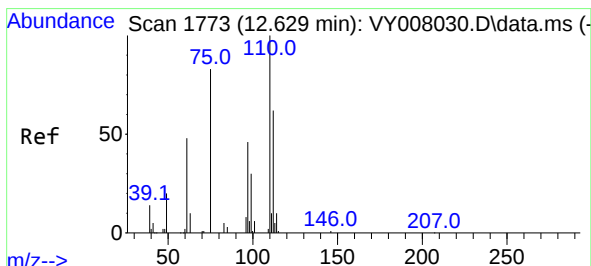
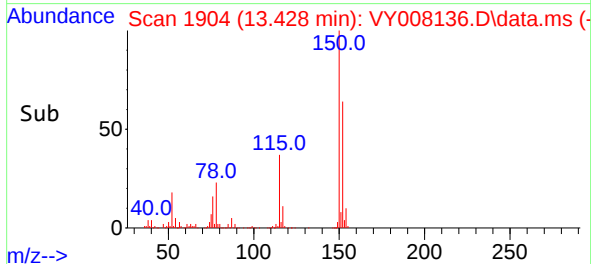
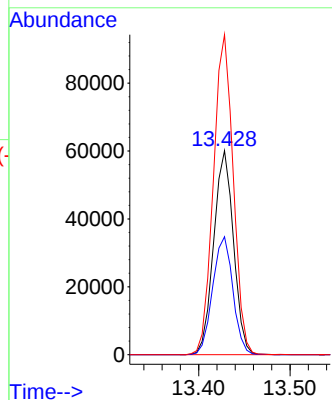
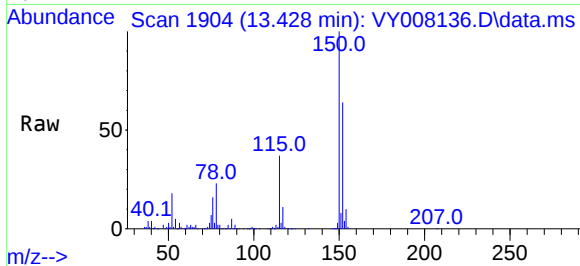




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008136.D
 Acq: 31 Mar 2022 13:58

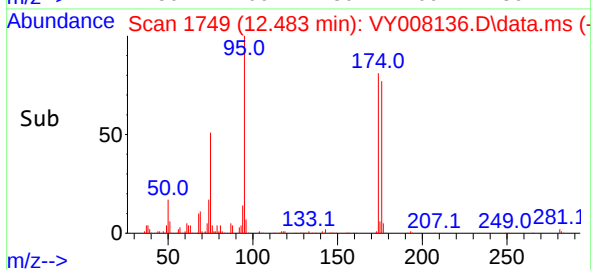
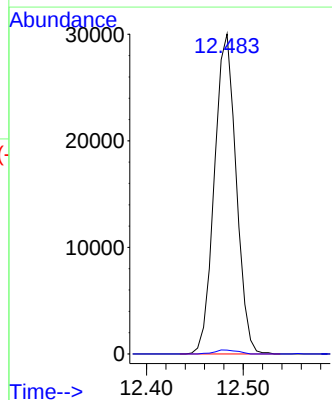
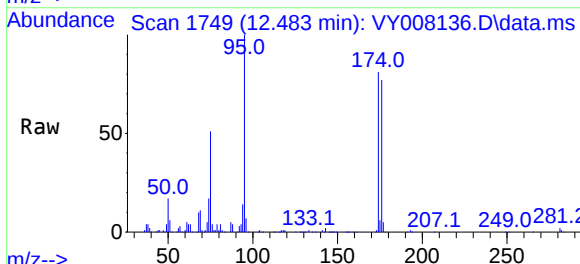
Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-032822

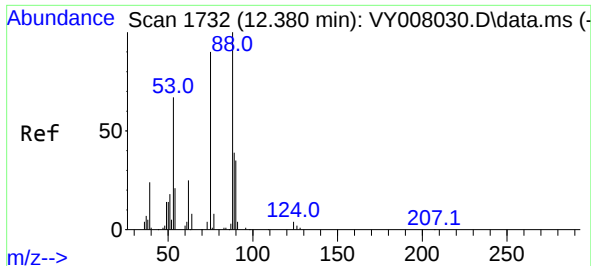
Tgt Ion:152 Resp: 90484
 Ion Ratio Lower Upper
 152 100
 115 59.1 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.423 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008136.D
 Acq: 31 Mar 2022 13:58

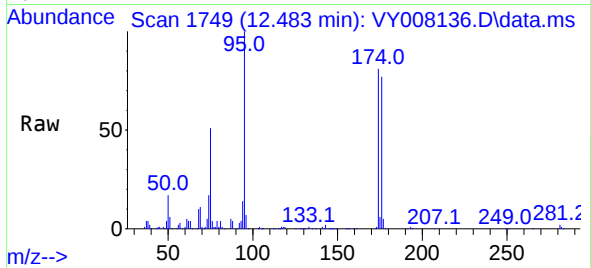
Tgt Ion: 75 Resp: 46793
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.653 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008136.D
 Acq: 31 Mar 2022 13:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-02-032822



Tgt Ion: 75 Resp: 46793
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

