

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060622\
 Data File : VY009137.D
 Acq On : 06 Jun 2022 11:10
 Operator : KP/MD
 Sample : V0606SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 07 02:29:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

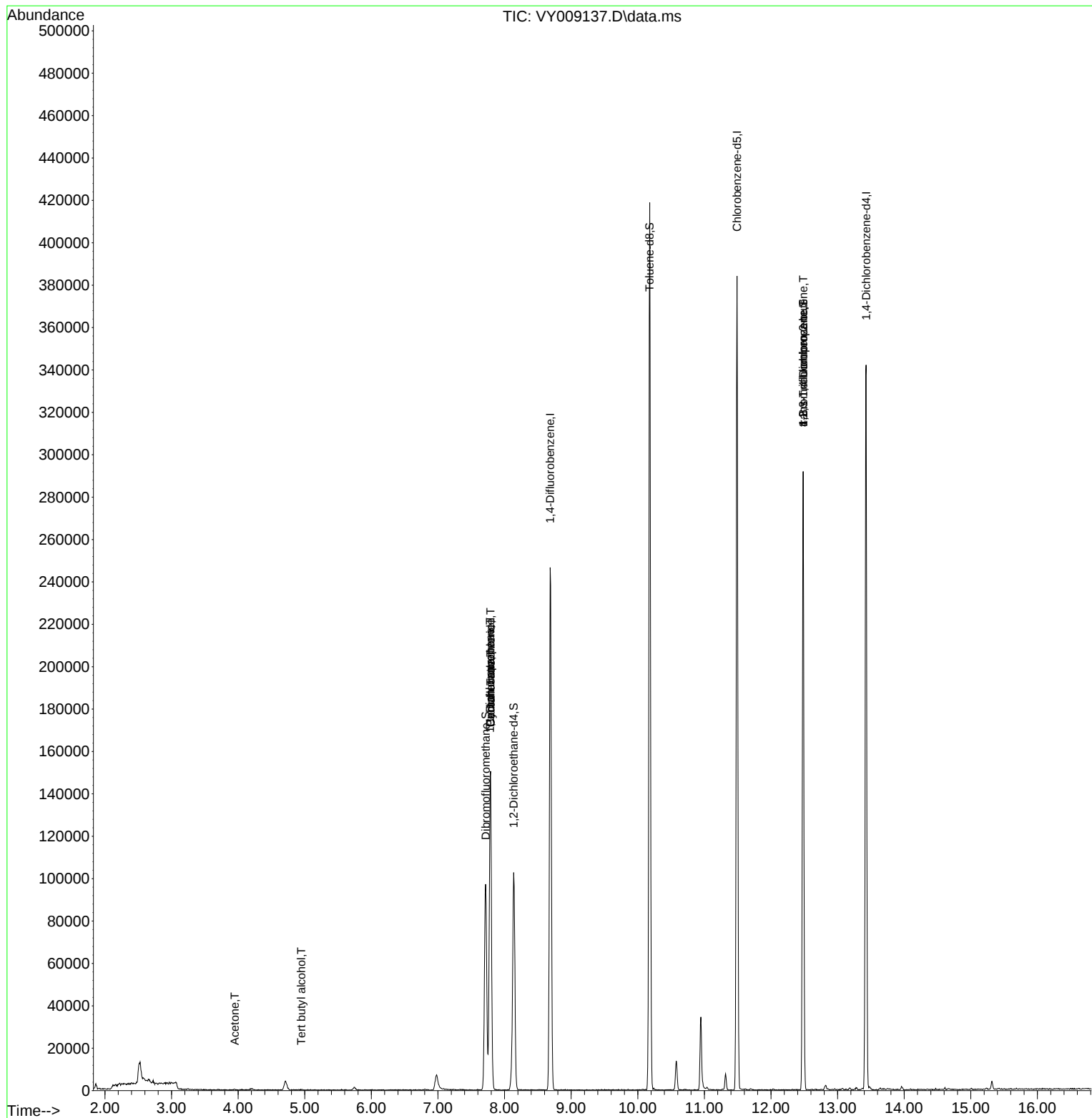
Internal Standards						
1) Pentafluorobenzene	7.789	168	116767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	209195	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	197003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	73662	61.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.600%	
35) Dibromofluoromethane	7.716	113	66471	51.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.200%	
50) Toluene-d8	10.179	98	258685	53.903	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.800%	
62) 4-Bromofluorobenzene	12.483	95	74458	38.462	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	346	2.838	ug/l #	77
16) Acetone	3.948	43	341	1.363	ug/l #	47
20) Methylene Chloride	4.710	84	3072	Below Cal	#	75
31) Cyclohexane	7.789	56	2831	1.204	ug/l #	48
36) 1,1-Dichloropropene	7.783	75	9963	4.500	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11713	5.058	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42201	47.148	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42201	96.771	ug/l #	7

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

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ALS Vial : 4 Sample Multiplier: 1

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MSVOA_Y
ClientSampleId :

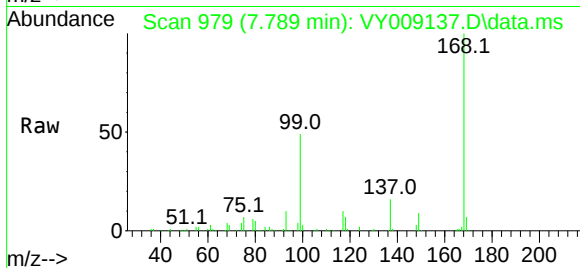
Quant Time: Jun 07 02:29:17 2022
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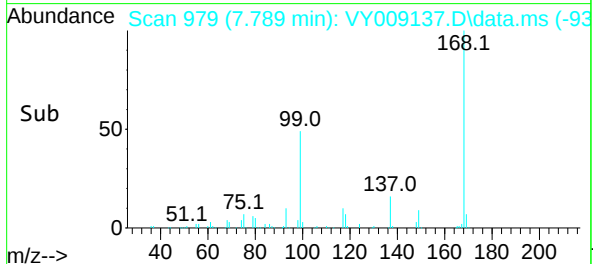
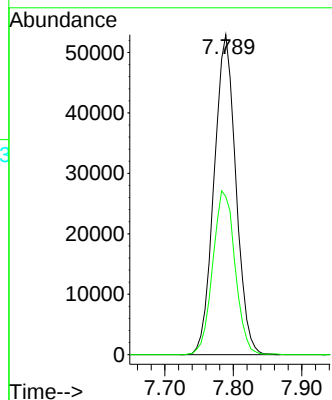


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Instrument :
MSVOA_Y
ClientSampleId :

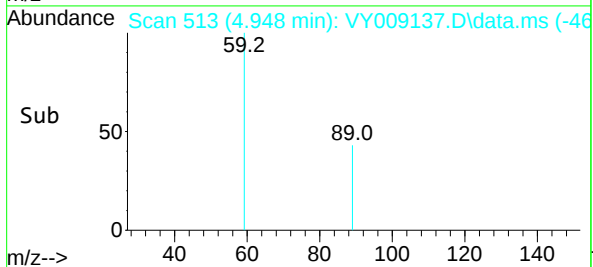
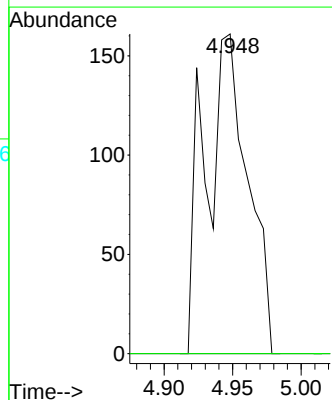
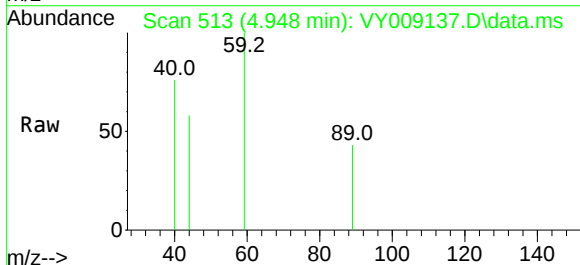


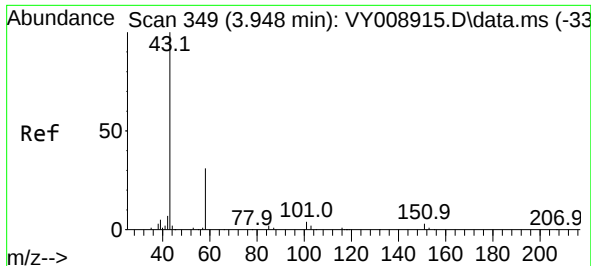
Tgt Ion:168 Resp: 116767
Ion Ratio Lower Upper
168 100
99 49.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 2.838 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Tgt Ion: 59 Resp: 346
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

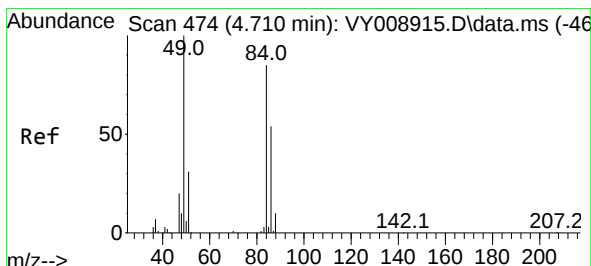
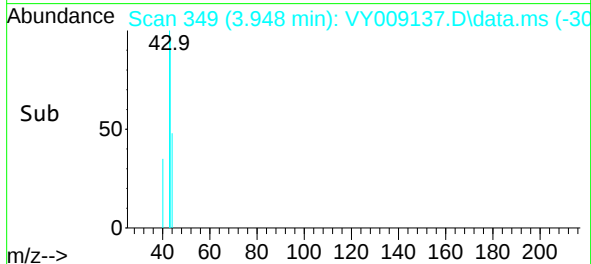
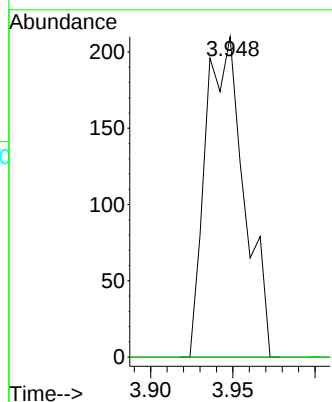
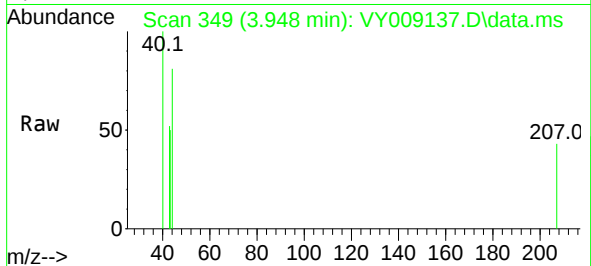




#16
Acetone
Concen: 1.363 ug/l
RT: 3.948 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

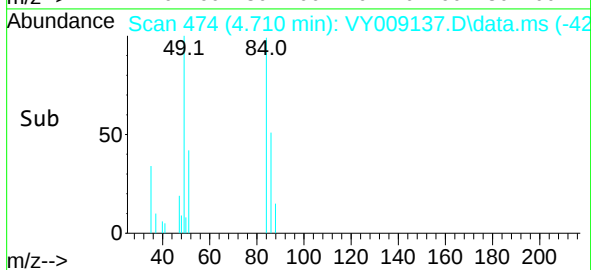
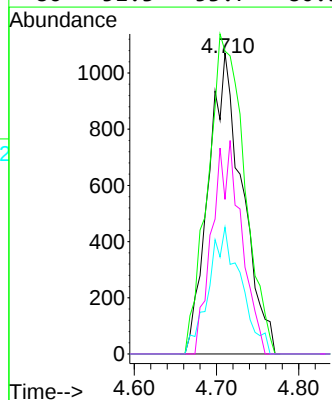
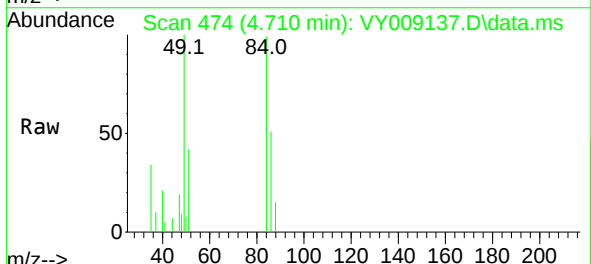
Instrument :
MSVOA_Y
ClientSampleId :

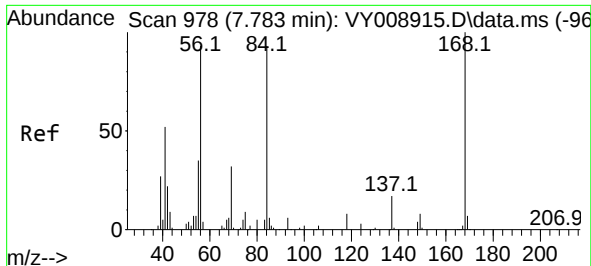
Tgt Ion: 43 Resp: 341
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

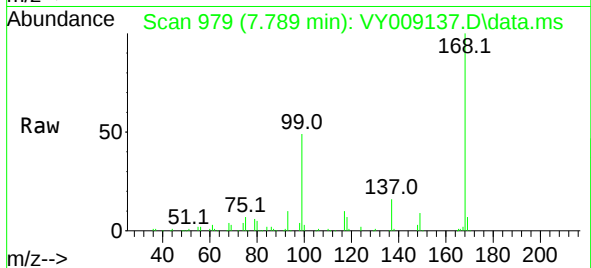
Tgt Ion: 84 Resp: 3072
Ion Ratio Lower Upper
84 100
49 100.6 114.4 171.6#
51 42.1 35.3 52.9
86 51.3 53.7 80.5#



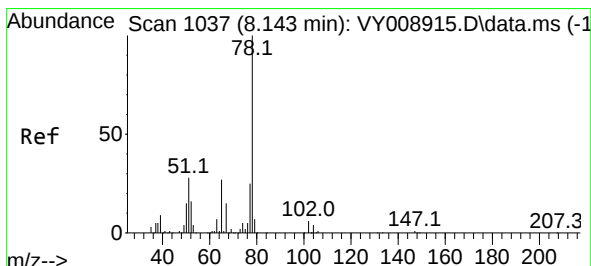
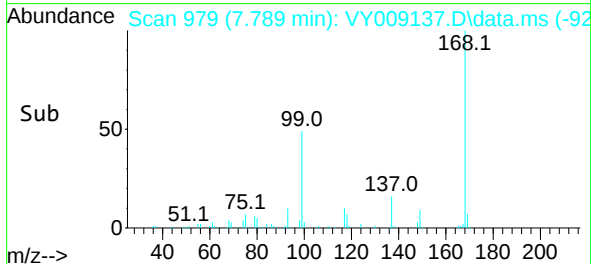
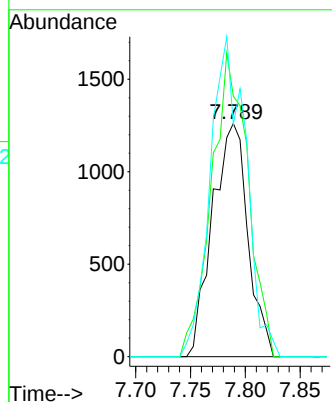


#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Instrument :
MSVOA_Y
ClientSampleId :

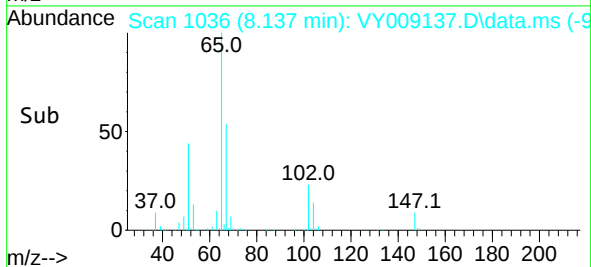
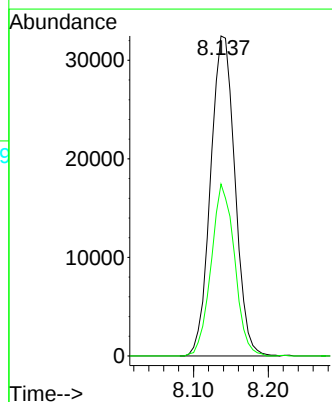
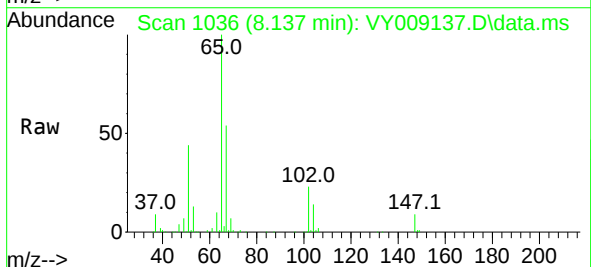


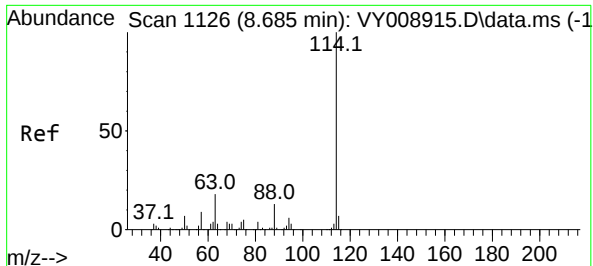
Tgt Ion: 56 Resp: 2831
Ion Ratio Lower Upper
56 100
69 111.7 26.7 40.1#
84 99.7 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 61.296 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Tgt Ion: 65 Resp: 73662
Ion Ratio Lower Upper
65 100
67 51.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009137.D

Acq: 06 Jun 2022 11:10

Instrument :

MSVOA_Y

ClientSampleId :

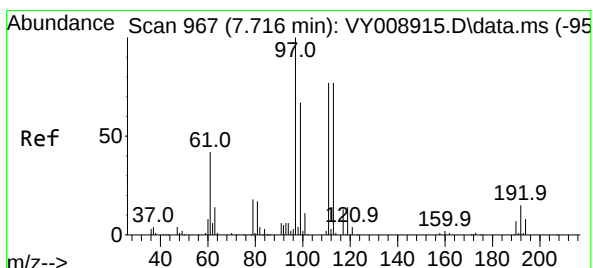
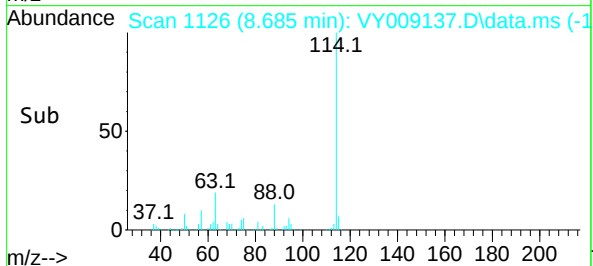
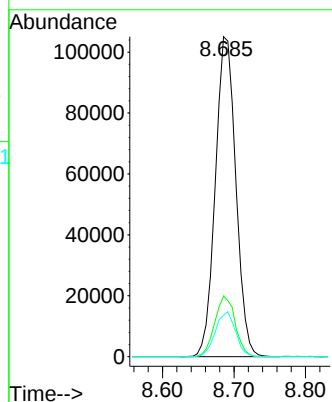
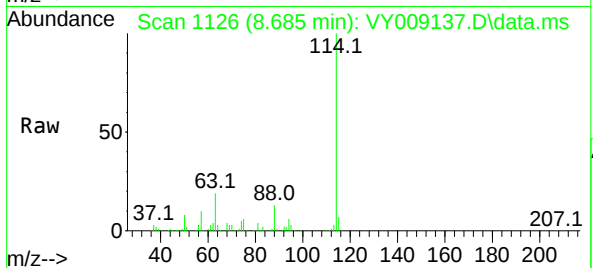
Tgt Ion:114 Resp: 209195

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 12.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.098 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009137.D

Acq: 06 Jun 2022 11:10

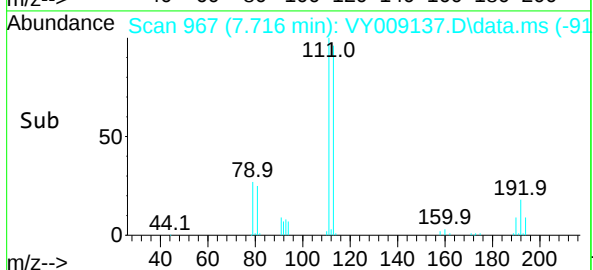
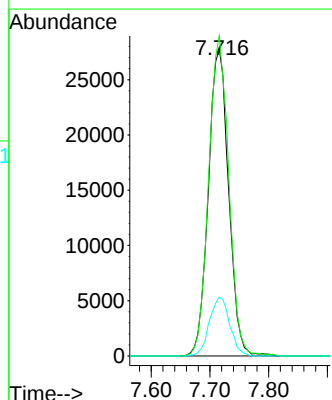
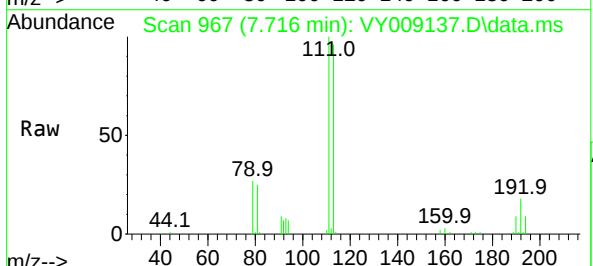
Tgt Ion:113 Resp: 66471

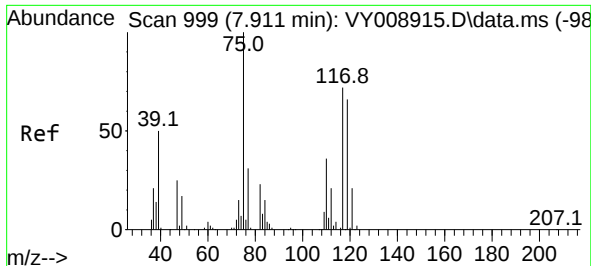
Ion Ratio Lower Upper

113 100

111 103.7 82.6 124.0

192 19.2 17.6 26.4

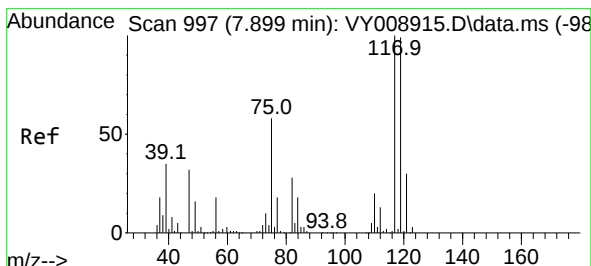
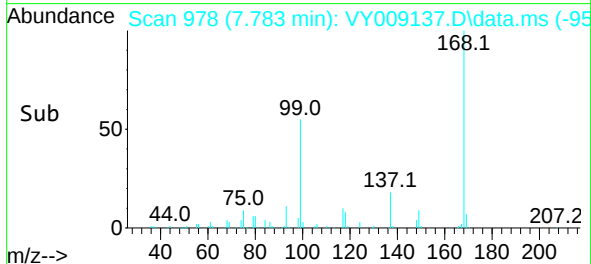
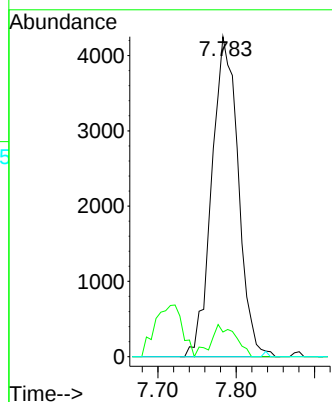
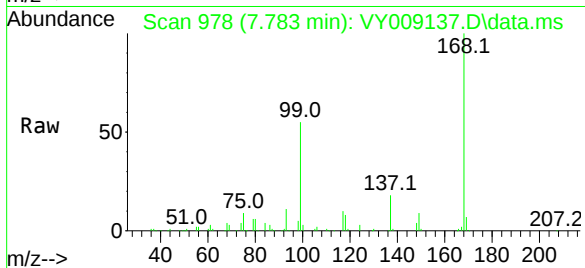




#36
1,1-Dichloropropene
Concen: 4.500 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

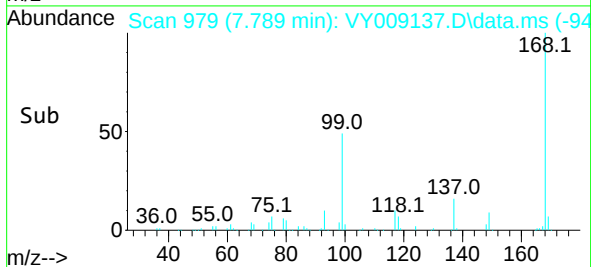
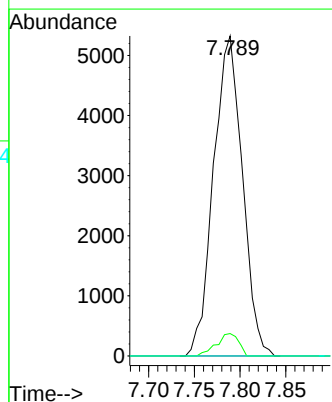
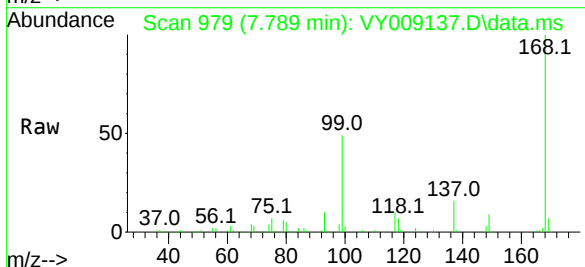
Instrument :
MSVOA_Y
ClientSampleId :

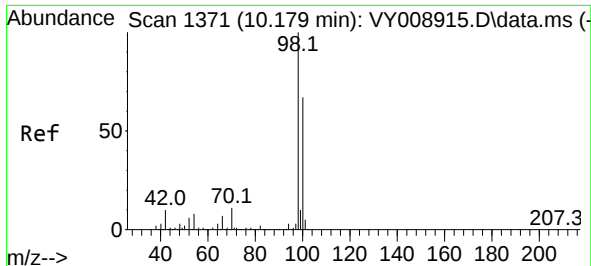
Tgt Ion: 75 Resp: 9963
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.058 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Tgt Ion: 117 Resp: 11713
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#

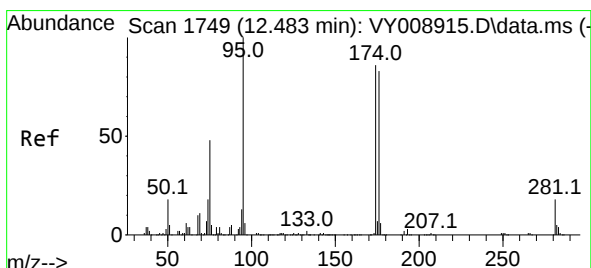
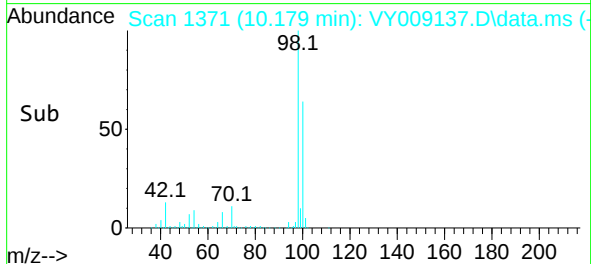
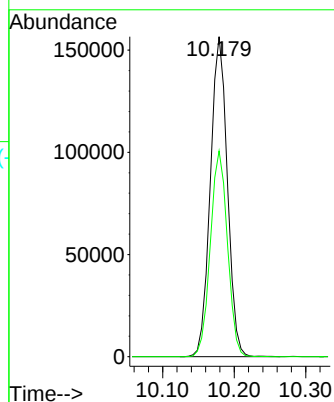
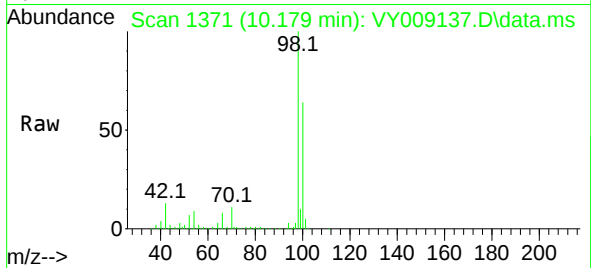




#50
Toluene-d8
Concen: 53.903 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

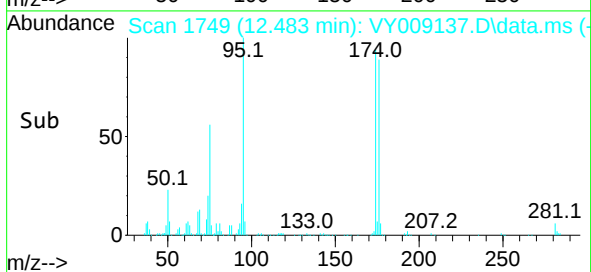
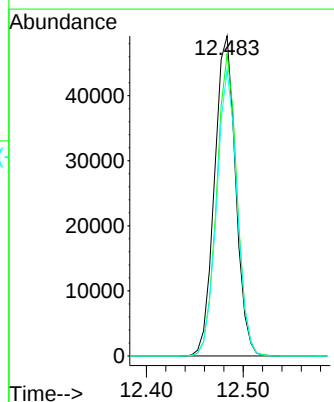
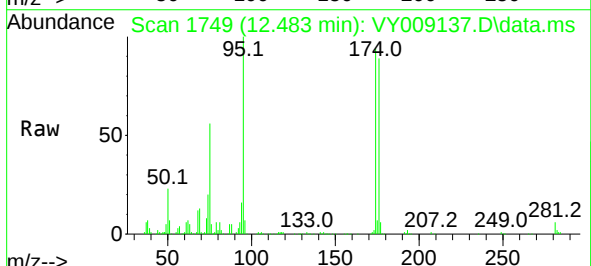
Instrument :
MSVOA_Y
ClientSampleId :

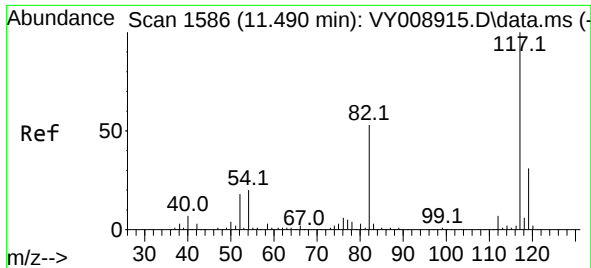
Tgt Ion: 98 Resp: 258685
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.462 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Tgt Ion: 95 Resp: 74458
Ion Ratio Lower Upper
95 100
174 91.1 0.0 177.0
176 86.6 0.0 175.8

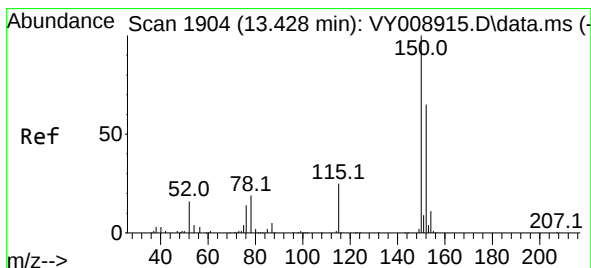
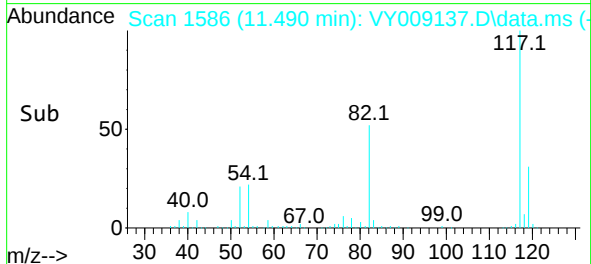
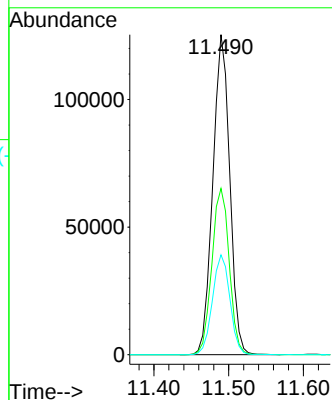
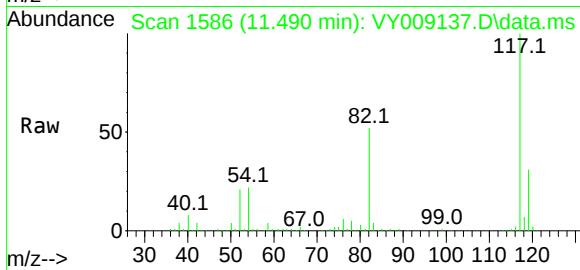




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

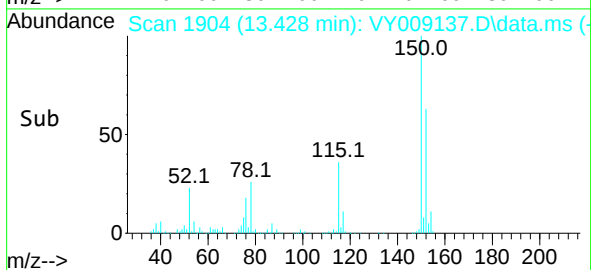
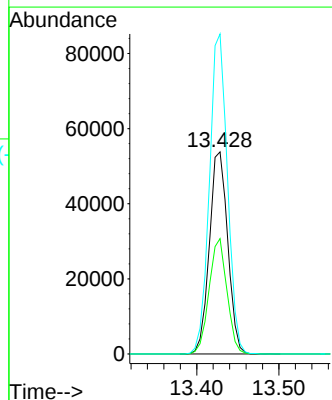
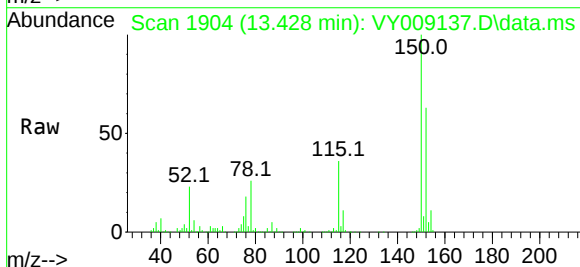
Instrument :
MSVOA_Y
ClientSampleId :

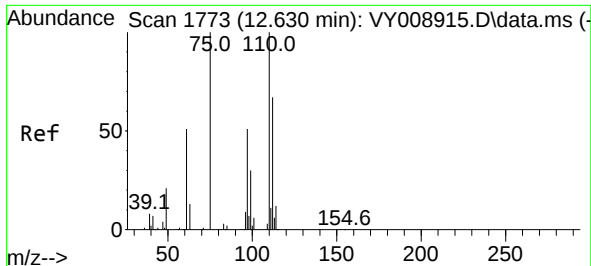
Tgt Ion:117 Resp: 197003
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Tgt Ion:152 Resp: 83350
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 155.6 0.0 347.6

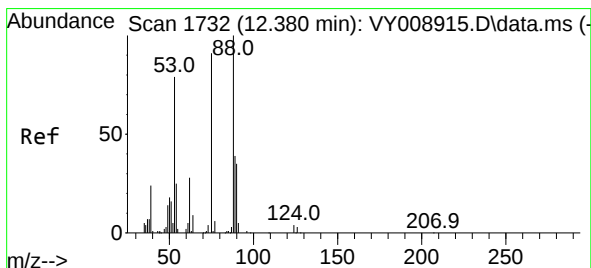
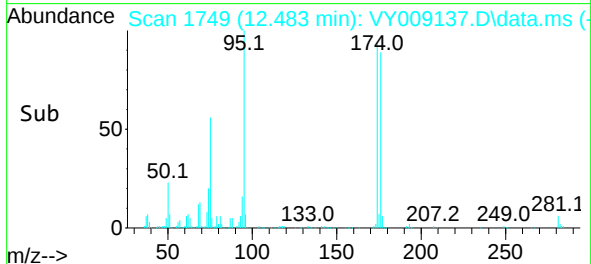
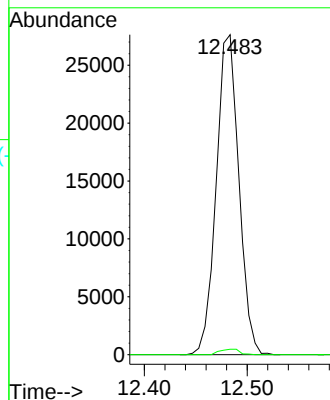
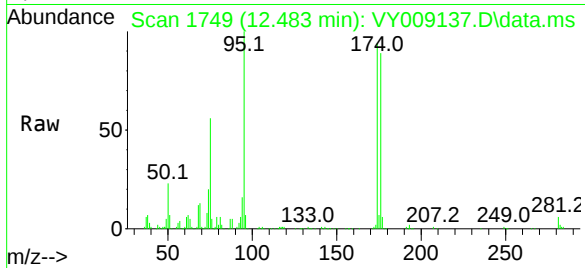




#76
1,2,3-Trichloropropane
Concen: 47.148 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.147 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 42201
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.771 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY009137.D
Acq: 06 Jun 2022 11:10

Tgt Ion: 75 Resp: 42201
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

