

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008500.D
 Acq On : 26 Apr 2022 13:43
 Operator : KP/MD
 Sample : N2502-03
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 C2

Quant Time: Apr 27 01:22:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

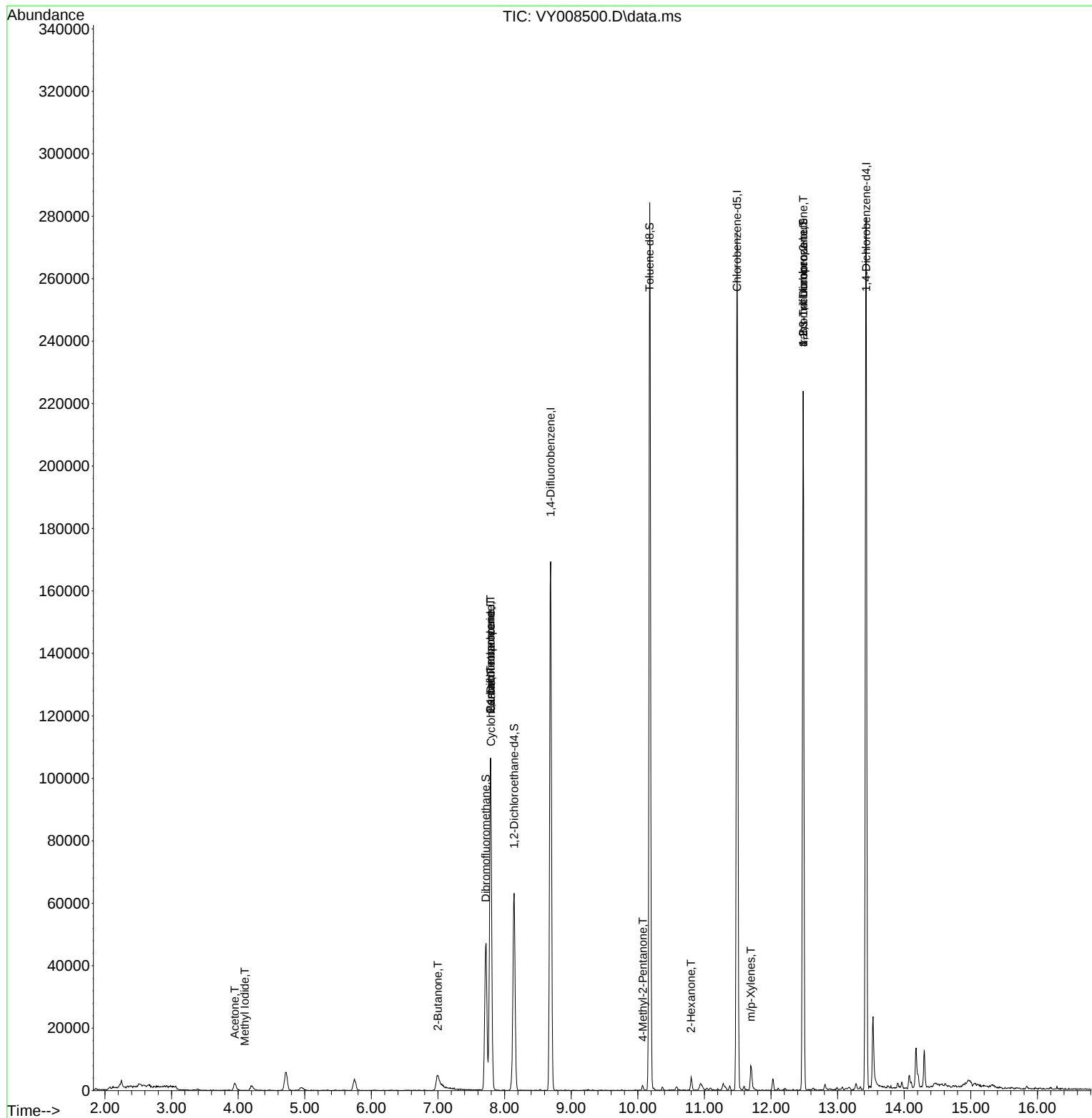
Internal Standards						
1) Pentafluorobenzene	7.789	168	80487	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	150825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69195	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	48089	50.779	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.560%	
35) Dibromofluoromethane	7.716	113	33021	34.183	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 68.360%	
50) Toluene-d8	10.179	98	185236	48.199	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.400%	
62) 4-Bromofluorobenzene	12.483	95	63320	48.679	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.360%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	46	1.729	ug/l #	35
11) Tert butyl alcohol	4.948	59	1578	Below Cal	#	77
16) Acetone	3.948	43	4392	19.911	ug/l	99
20) Methylene Chloride	4.722	84	4752	Below Cal	#	75
25) 2-Butanone	6.996	43	509	1.492	ug/l #	54
31) Cyclohexane	7.795	56	1832	1.177	ug/l #	14
36) 1,1-Dichloropropene	7.789	75	6778	4.411	ug/l #	49
38) Carbon Tetrachloride	7.789	117	8011	5.018	ug/l #	14
51) 4-Methyl-2-Pentanone	10.075	43	999	1.215	ug/l	95
59) 2-Hexanone	10.801	43	2978	5.264	ug/l #	28
68) m/p-Xylenes	11.697	106	2574	1.086	ug/l	82
76) 1,2,3-Trichloropropane	12.483	75	34566	38.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	34566	89.547	ug/l #	7

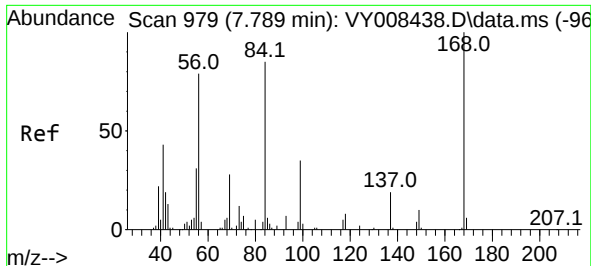
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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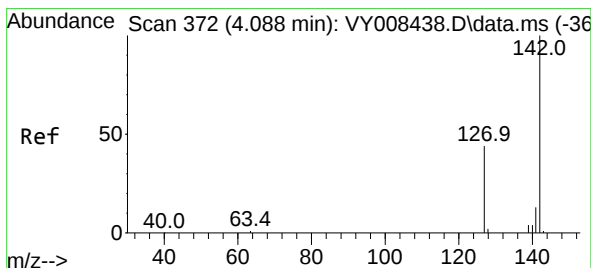
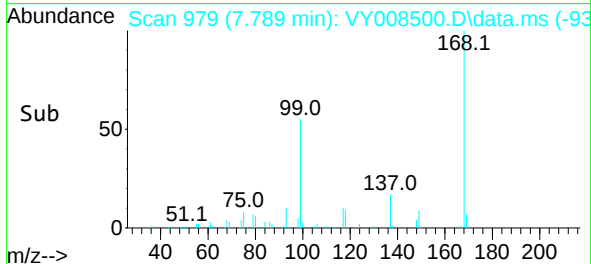
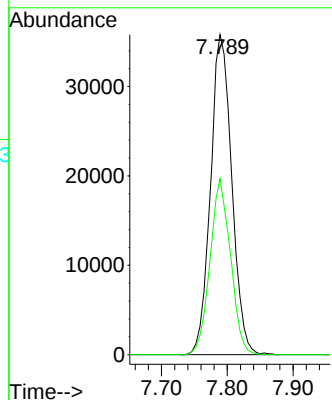
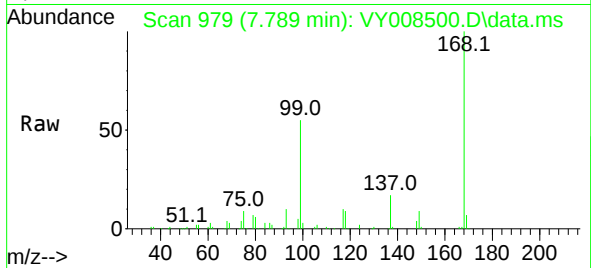




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

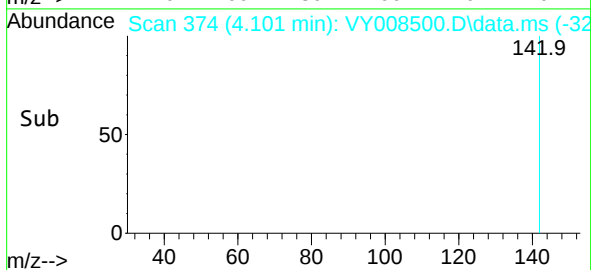
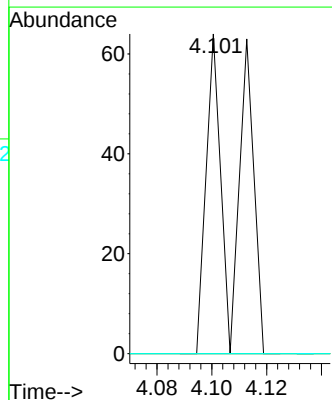
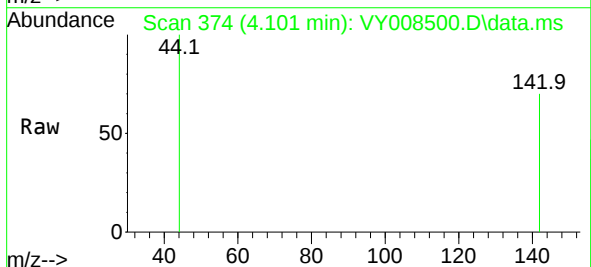
Instrument :
MSVOA_Y
ClientSampleId :
C2

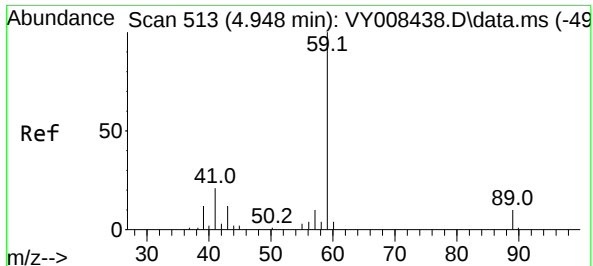
Tgt Ion:168 Resp: 80487
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#10
Methyl Iodide
Concen: 1.729 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#

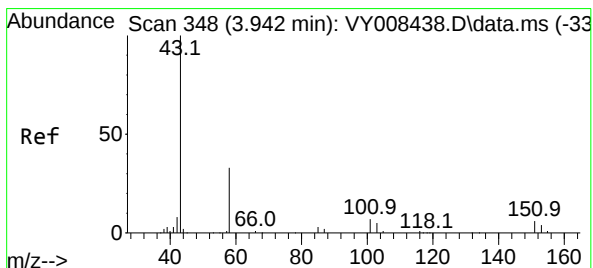
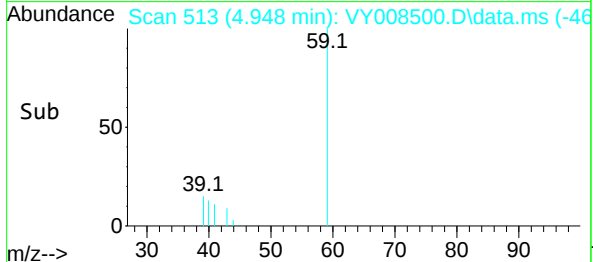
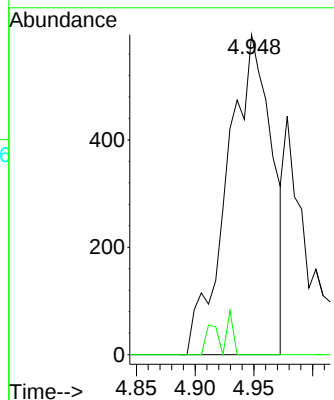
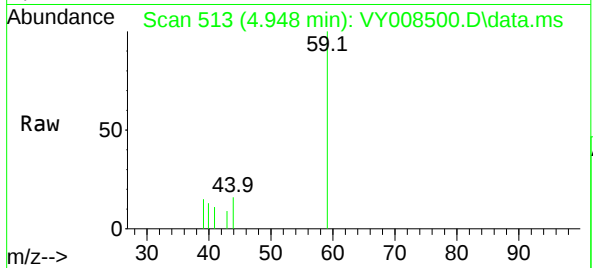




#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

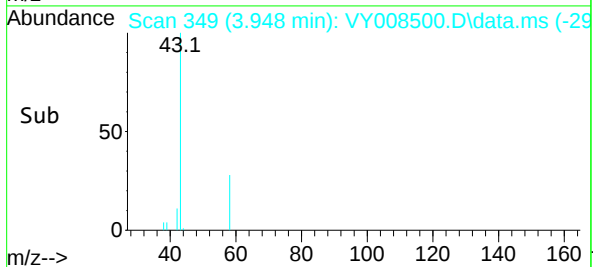
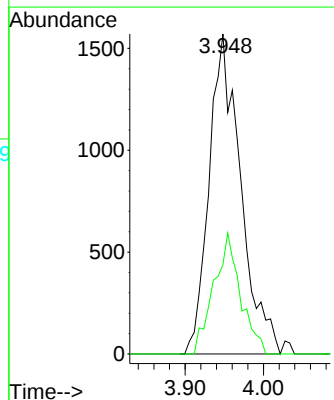
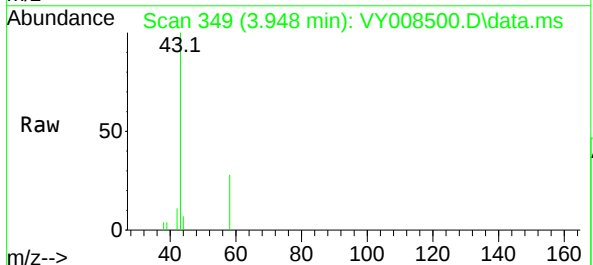
Instrument :
MSVOA_Y
ClientSampleId :
C2

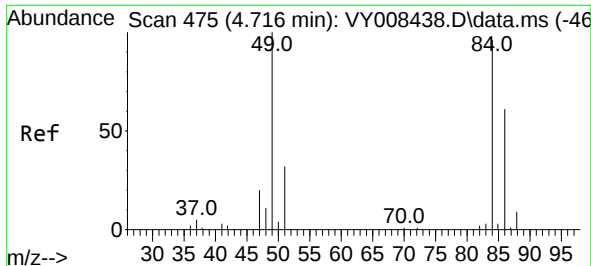
Tgt Ion: 59 Resp: 1578
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



#16
Acetone
Concen: 19.911 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion: 43 Resp: 4392
Ion Ratio Lower Upper
43 100
58 27.9 22.0 33.0

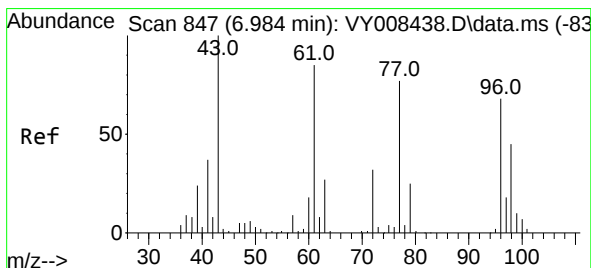
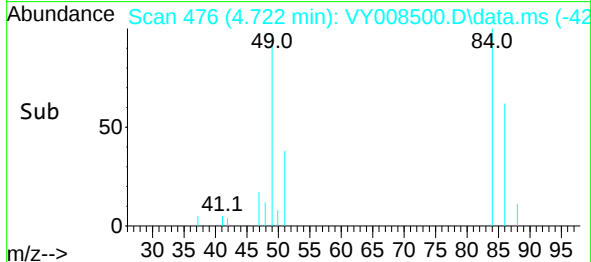
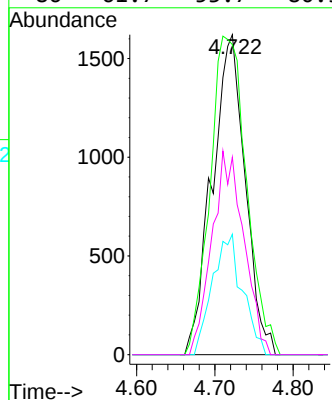
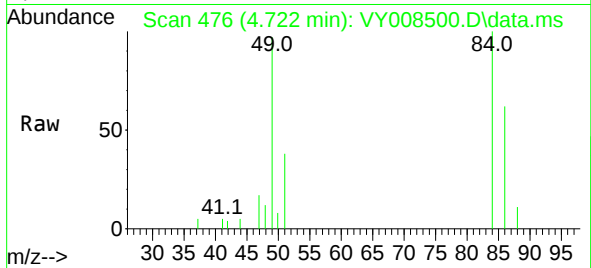




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

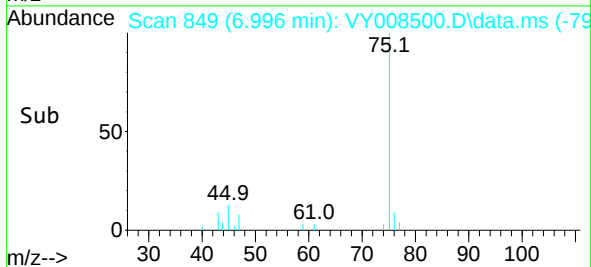
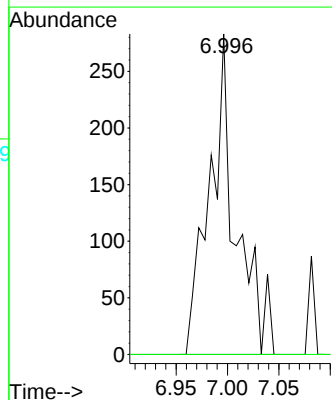
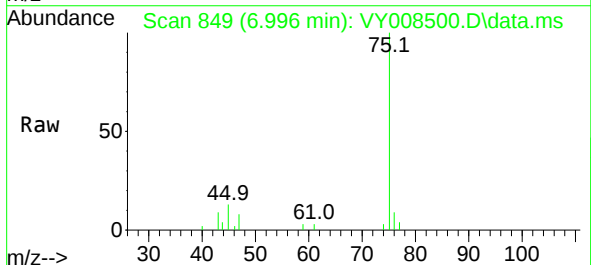
Instrument :
MSVOA_Y
ClientSampleId :
C2

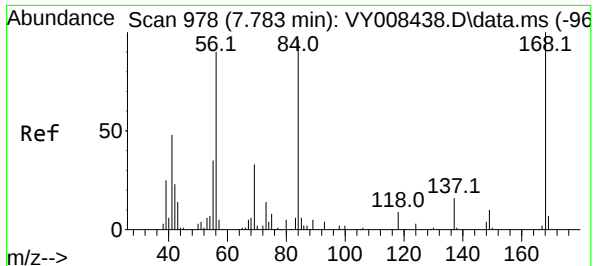
Tgt Ion: 84 Resp: 4752
Ion Ratio Lower Upper
84 100
49 96.9 114.4 171.6#
51 37.6 35.3 52.9
86 61.7 53.7 80.5



#25
2-Butanone
Concen: 1.492 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion: 43 Resp: 509
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#

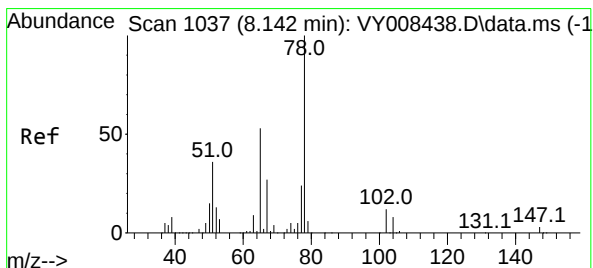
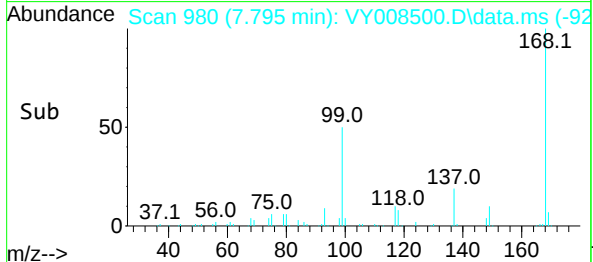
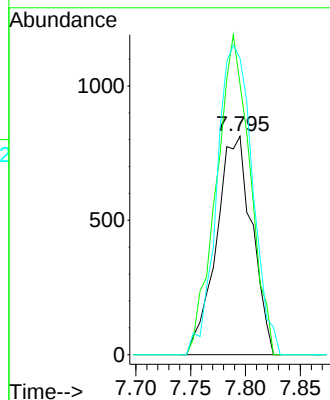
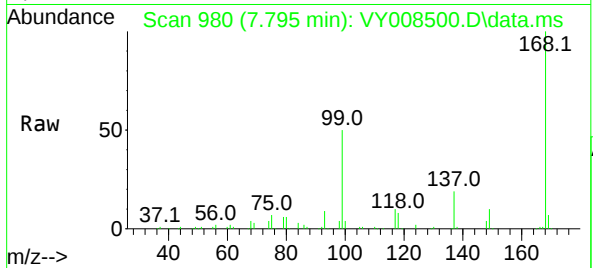




#31
Cyclohexane
Concen: 1.177 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

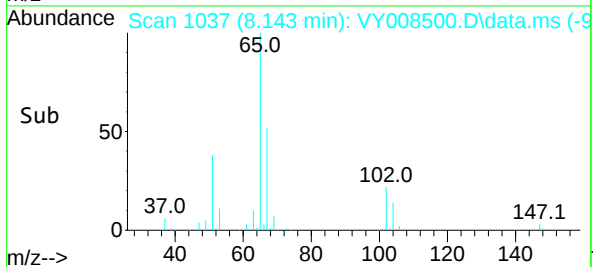
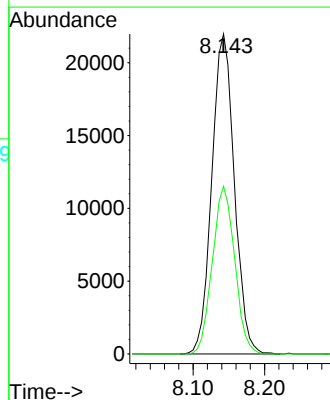
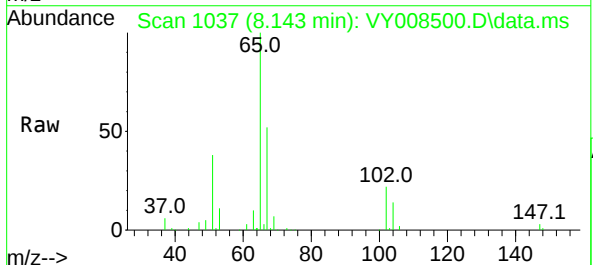
Instrument :
MSVOA_Y
ClientSampleId :
C2

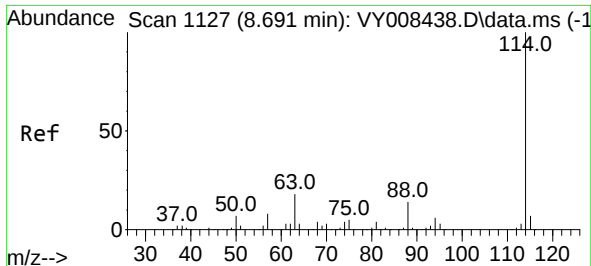
Tgt Ion: 56 Resp: 1832
Ion Ratio Lower Upper
56 100
69 123.7 26.7 40.1#
84 135.7 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 50.779 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.001 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion: 65 Resp: 48089
Ion Ratio Lower Upper
65 100
67 51.8 0.0 99.4

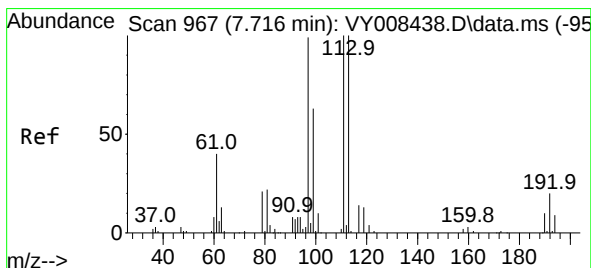
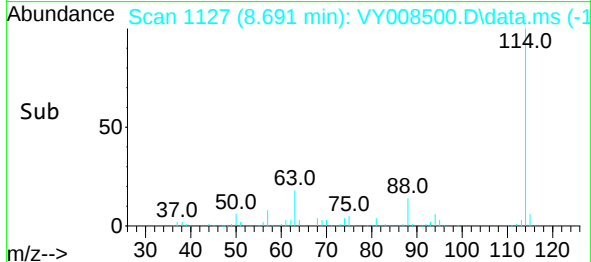
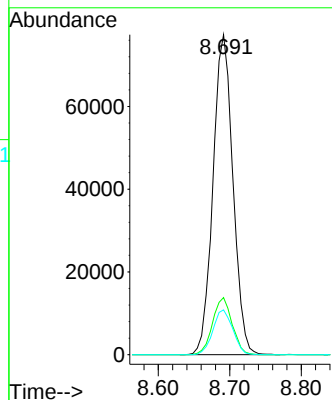
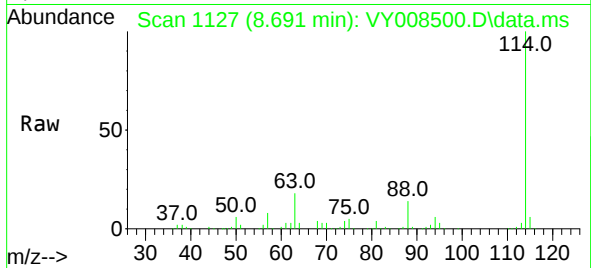




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

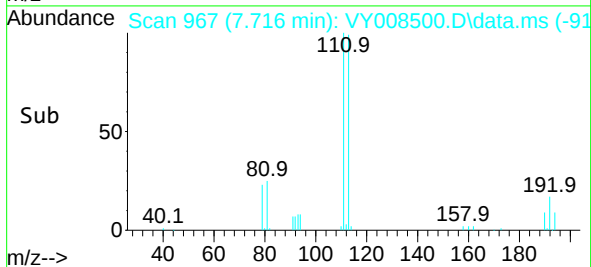
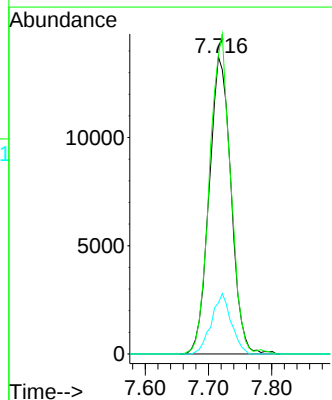
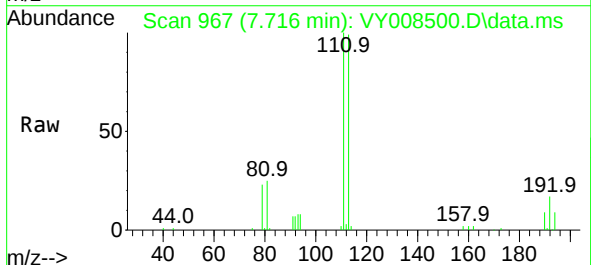
Instrument :
MSVOA_Y
ClientSampleId :
C2

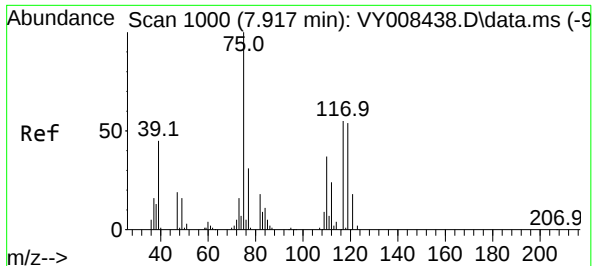
Tgt Ion:114 Resp: 149678
Ion Ratio Lower Upper
114 100
63 17.8 0.0 43.2
88 14.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 34.183 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion:113 Resp: 33021
Ion Ratio Lower Upper
113 100
111 103.1 82.6 124.0
192 18.3 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.411 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY008500.D

Acq: 26 Apr 2022 13:43

Instrument :

MSVOA_Y

ClientSampleId :

C2

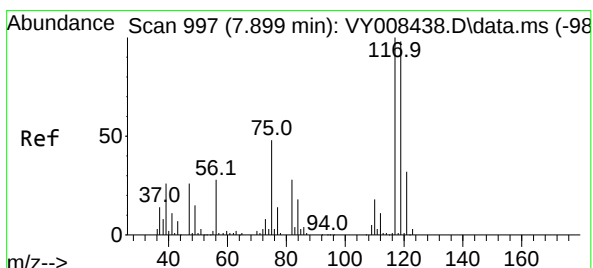
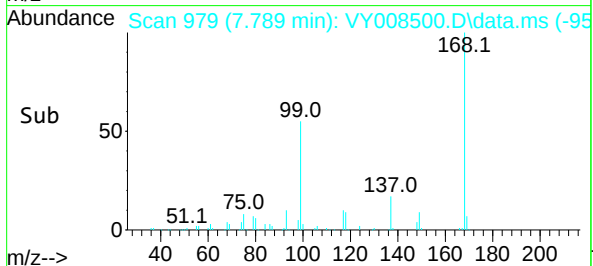
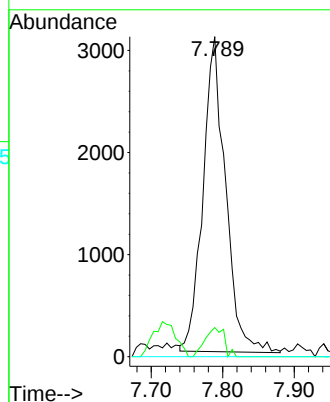
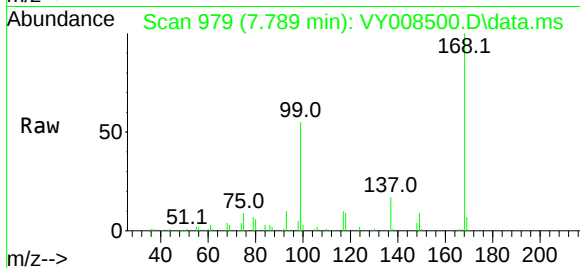
Tgt Ion: 75 Resp: 6778

Ion Ratio Lower Upper

75 100

110 7.9 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.018 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.110 min

Lab File: VY008500.D

Acq: 26 Apr 2022 13:43

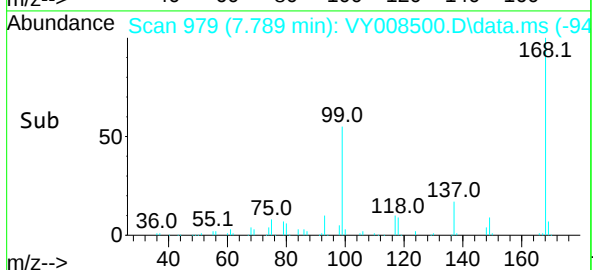
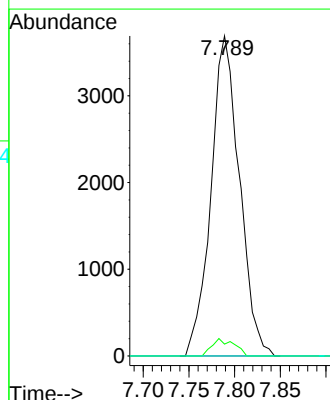
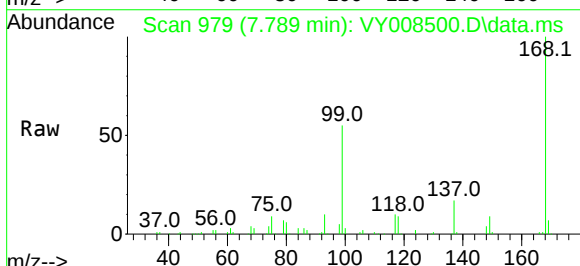
Tgt Ion: 117 Resp: 8011

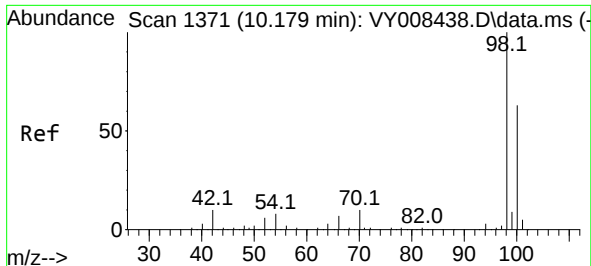
Ion Ratio Lower Upper

117 100

119 3.7 77.9 116.9#

121 0.0 24.8 37.2#

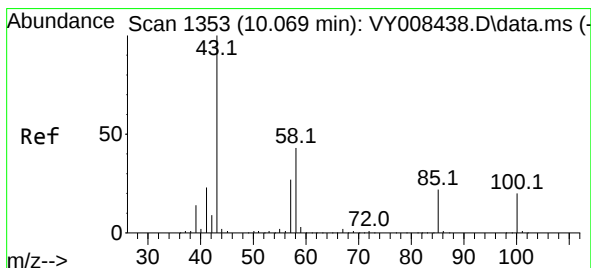
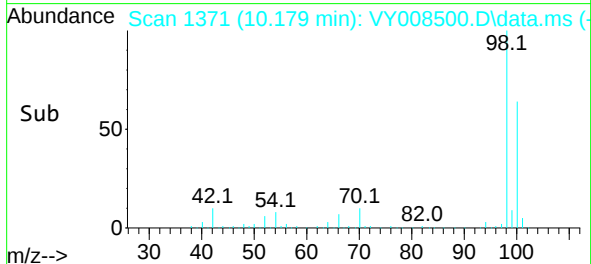
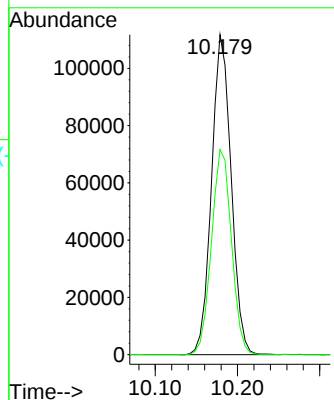
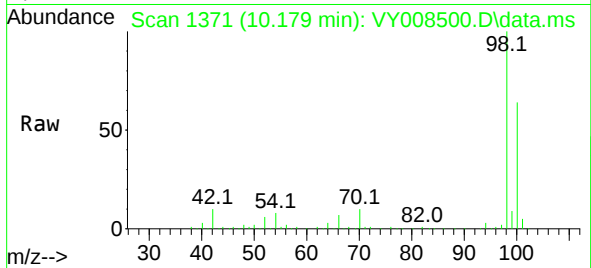




#50
Toluene-d8
Concen: 48.199 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

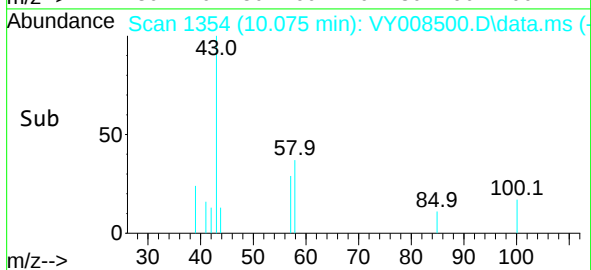
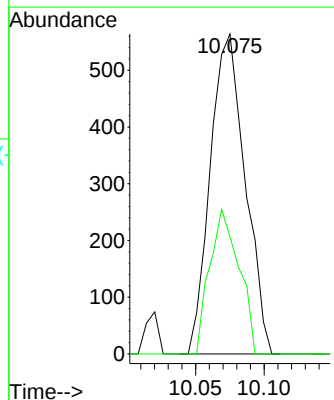
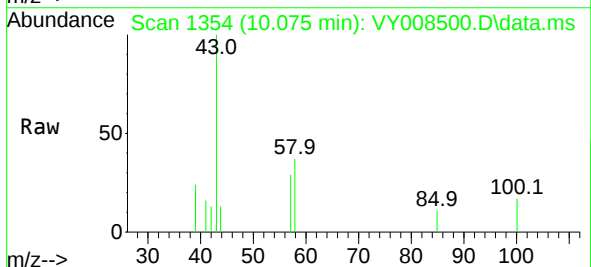
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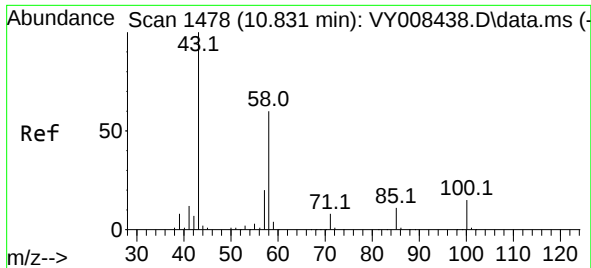
Tgt Ion: 98 Resp: 185236
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.215 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion: 43 Resp: 999
Ion Ratio Lower Upper
43 100
58 38.0 28.1 42.1

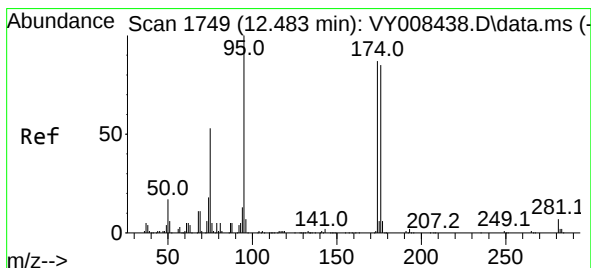
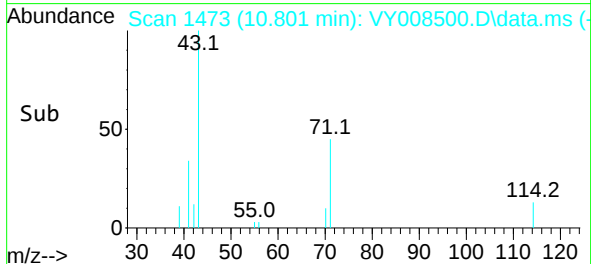
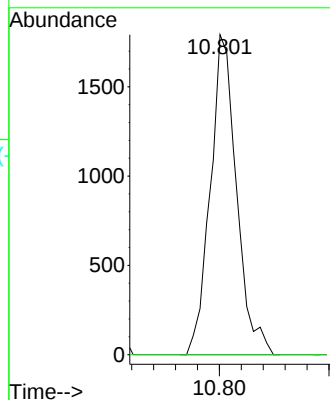
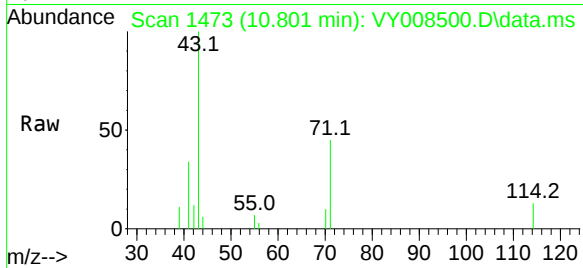




#59
2-Hexanone
Concen: 5.264 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.030 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

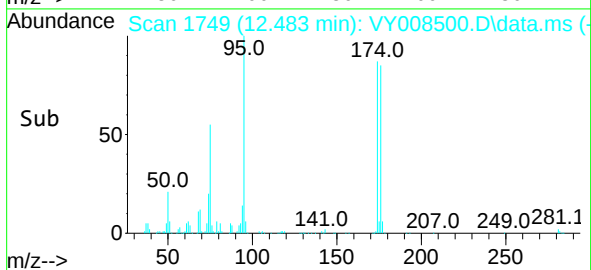
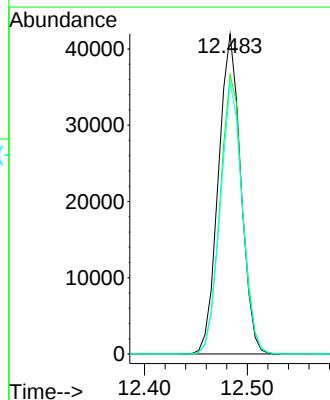
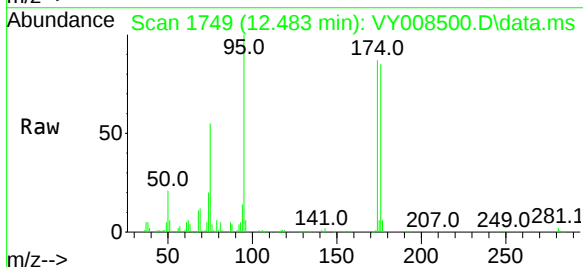
Instrument :
MSVOA_Y
ClientSampleId :
C2

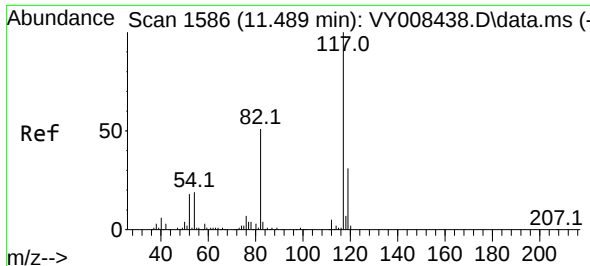
Tgt Ion: 43 Resp: 2978
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#



#62
4-Bromofluorobenzene
Concen: 48.679 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion: 95 Resp: 63320
Ion Ratio Lower Upper
95 100
174 86.9 0.0 177.0
176 83.8 0.0 175.8

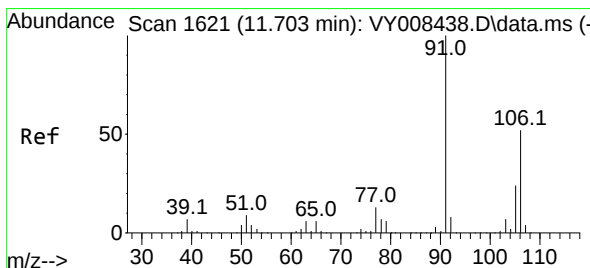
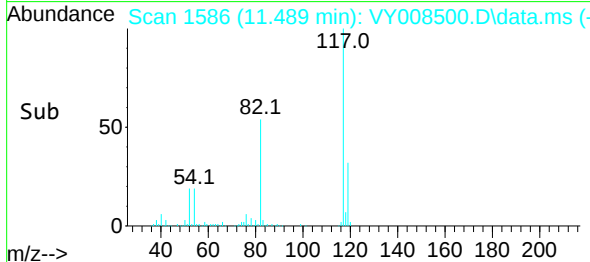
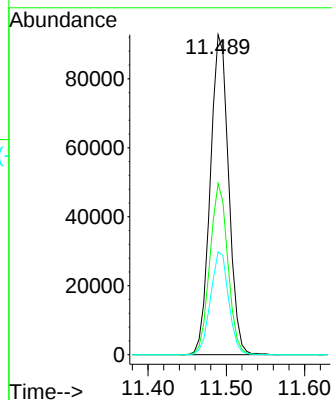
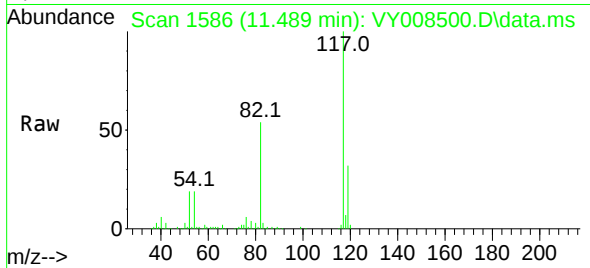




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

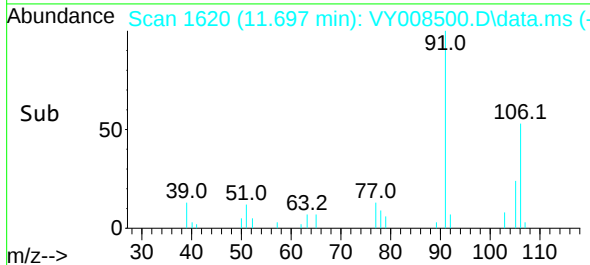
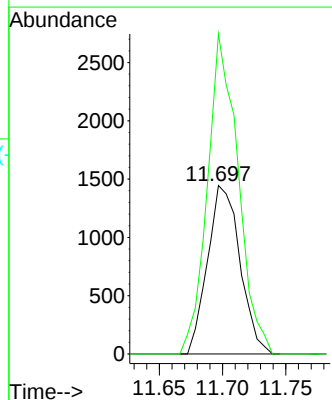
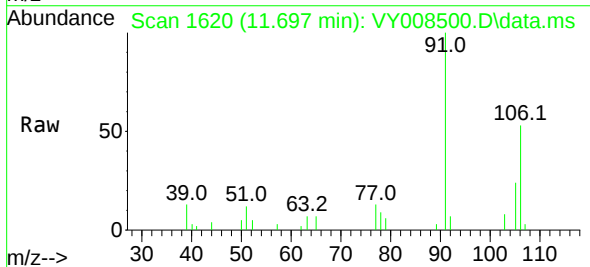
Instrument :
MSVOA_Y
ClientSampleId :
C2

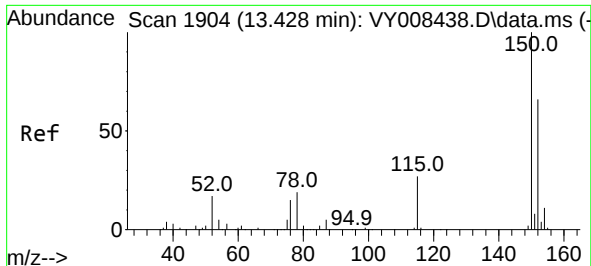
Tgt Ion:117 Resp: 150825
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.1 25.4 38.0



#68
m/p-Xylenes
Concen: 1.086 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY008500.D
Acq: 26 Apr 2022 13:43

Tgt Ion:106 Resp: 2574
Ion Ratio Lower Upper
106 100
91 180.0 166.6 249.8

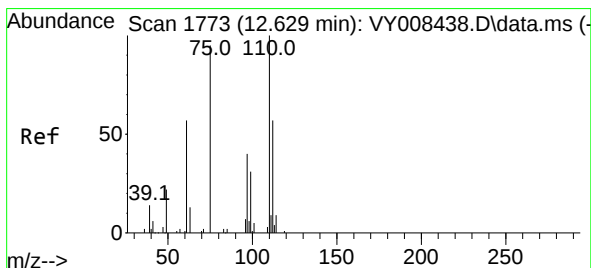
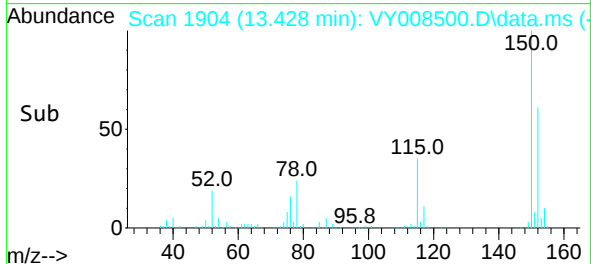
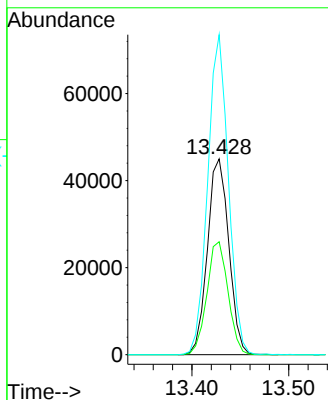
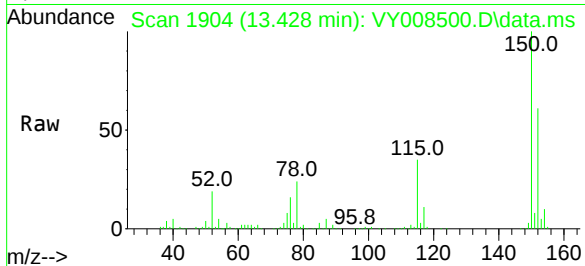




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008500.D
 Acq: 26 Apr 2022 13:43

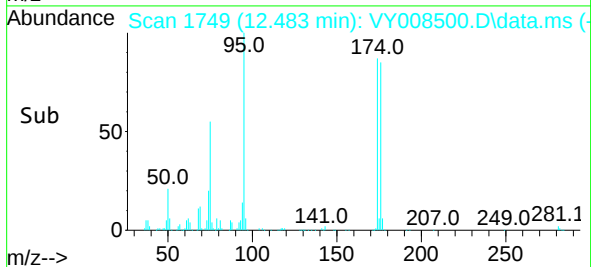
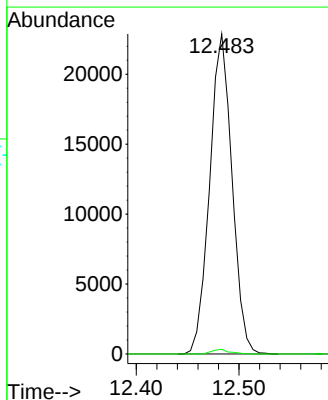
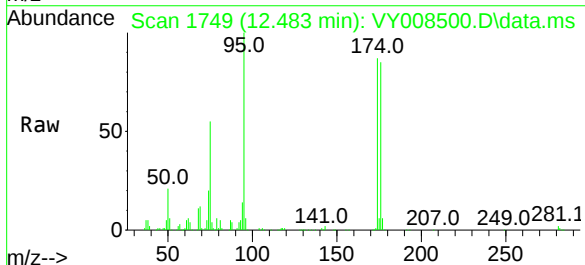
Instrument :
 MSVOA_Y
 ClientSampleId :
 C2

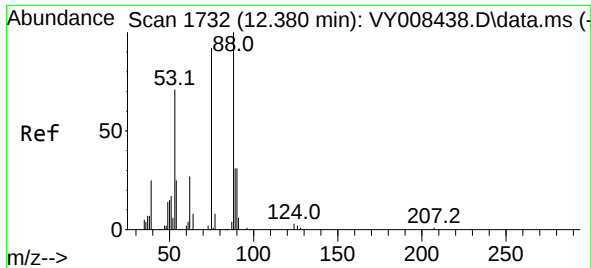
Tgt Ion:152 Resp: 69195
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.2 84.7
 150 157.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.600 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008500.D
 Acq: 26 Apr 2022 13:43

Tgt Ion: 75 Resp: 34566
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.547 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008500.D
 Acq: 26 Apr 2022 13:43

Instrument :
 MSVOA_Y
 ClientSampleId :
 C2

Tgt Ion: 75 Resp: 34566
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

