

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012300.D
 Acq On : 20 Jan 2023 18:57
 Operator : KP/MD
 Sample : 01232-10
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

Quant Time: Jan 23 02:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

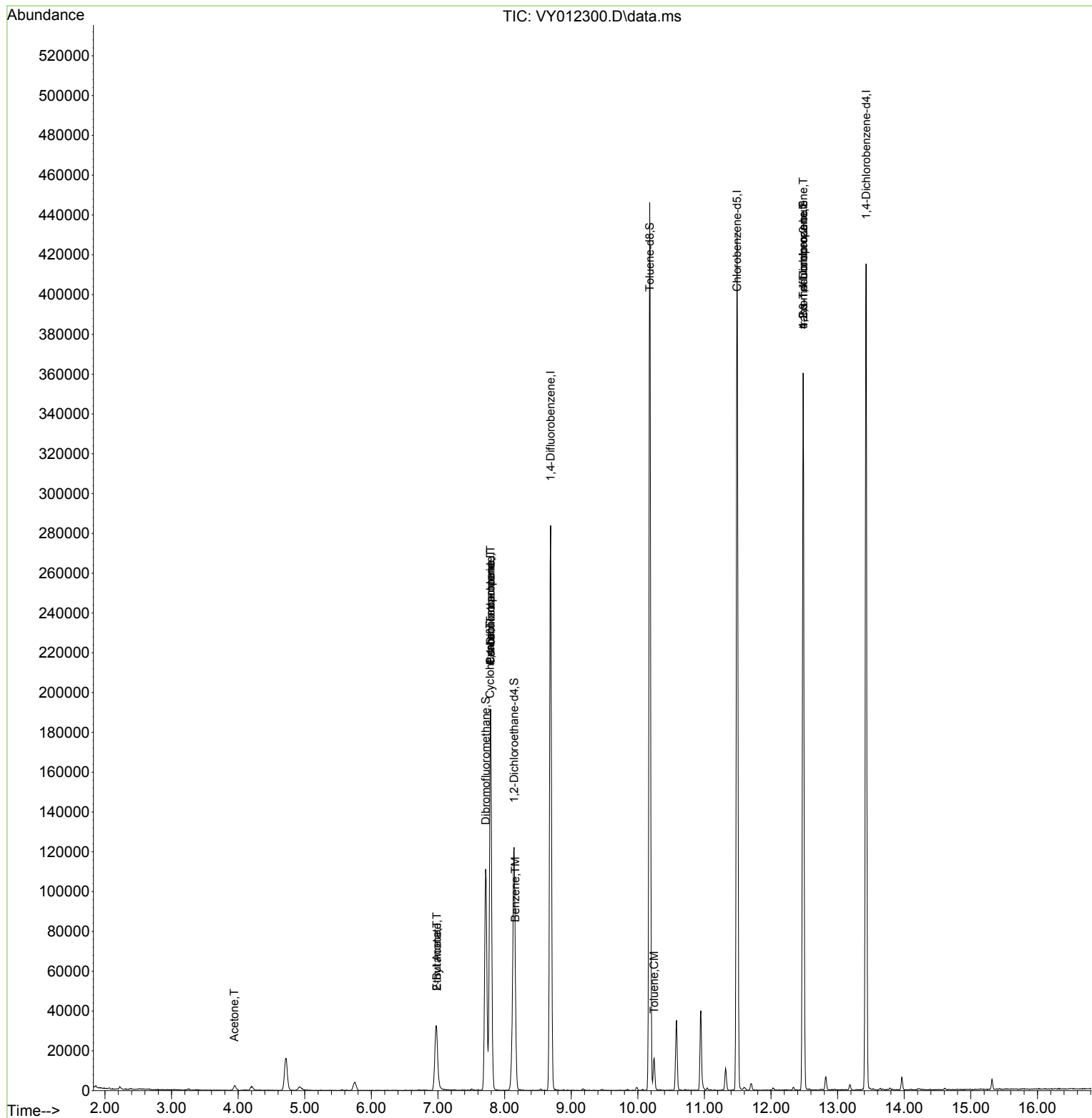
Internal Standards						
1) Pentafluorobenzene	7.789	168	151828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	252877	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	249786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91460	74.610	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 149.220%			
35) Dibromofluoromethane	7.716	113	76531	57.156	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.320%			
50) Toluene-d8	10.179	98	300250	66.114	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 132.220%			
62) 4-Bromofluorobenzene	12.483	95	101406	53.723	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.440%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.917	59	774	Below Cal	#	74
16) Acetone	3.942	43	4114	9.731	ug/l	98
20) Methylene Chloride	4.710	84	13496	Below Cal	#	85
25) 2-Butanone	6.984	43	2269	4.861	ug/l	# 83
31) Cyclohexane	7.783	56	2667	1.205	ug/l	# 21
36) 1,1-Dichloropropene	7.789	75	10255	4.506	ug/l	# 49
37) Ethyl Acetate	6.984	43	2269	2.262	ug/l	# 9
38) Carbon Tetrachloride	7.789	117	15168	5.161	ug/l	# 17
40) Benzene	8.161	78	19495	2.968	ug/l	96
52) Toluene	10.246	92	7177	1.641	ug/l	90
76) 1,2,3-Trichloropropane	12.483	75	52622	50.184	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	52622	103.401	ug/l	# 13

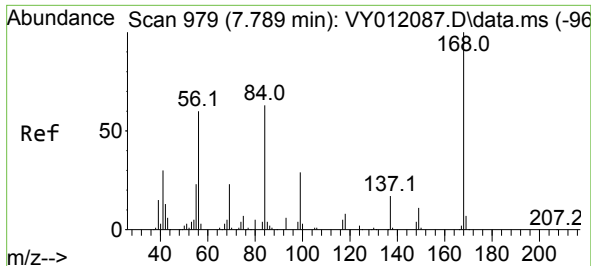
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
Data File : VY012300.D
Acq On : 20 Jan 2023 18:57
Operator : KP/MD
Sample : 01232-10
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
DUP01

Quant Time: Jan 23 02:24:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

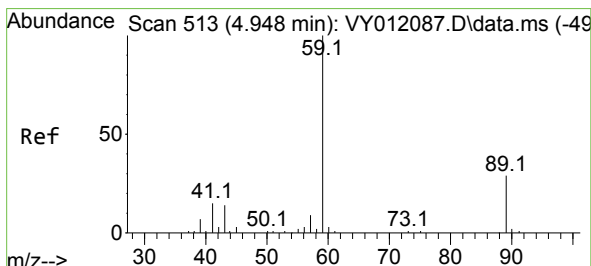
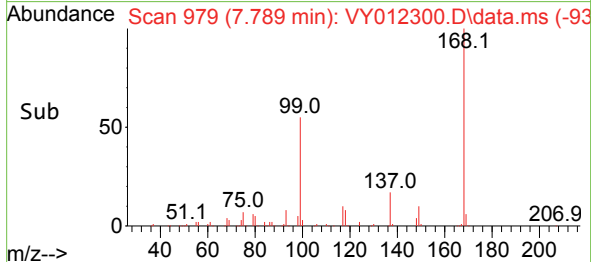
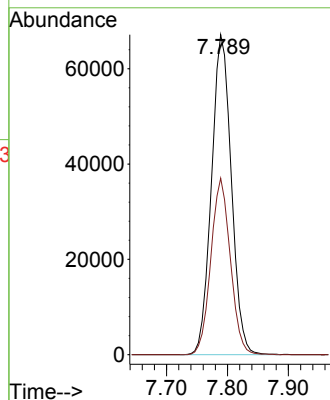
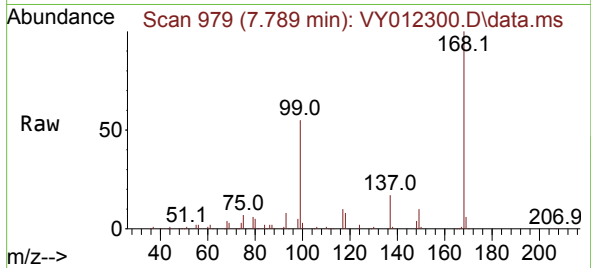




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

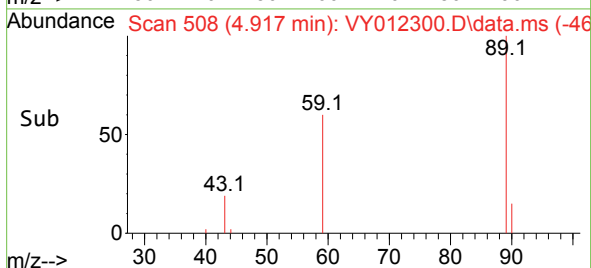
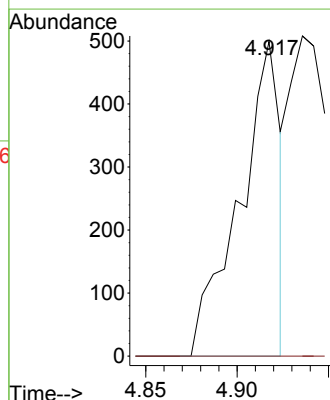
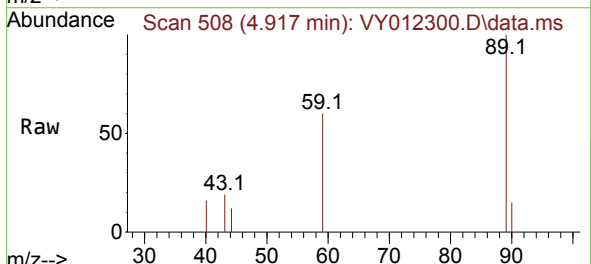
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

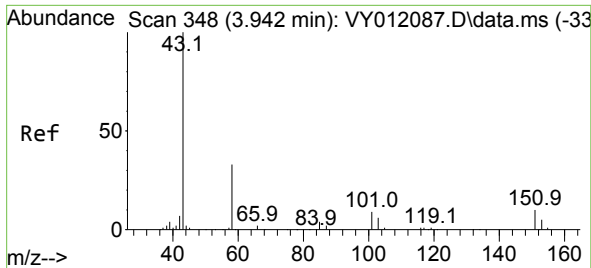
Tgt Ion:168 Resp: 151828
Ion Ratio Lower Upper
168 100
99 55.2 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

Tgt Ion: 59 Resp: 774
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#





#16

Acetone

Concen: 9.731 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.000 min

Lab File: VY012300.D

Acq: 20 Jan 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

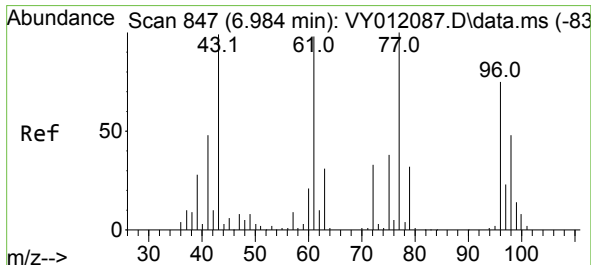
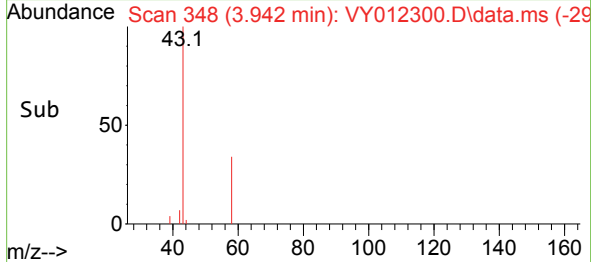
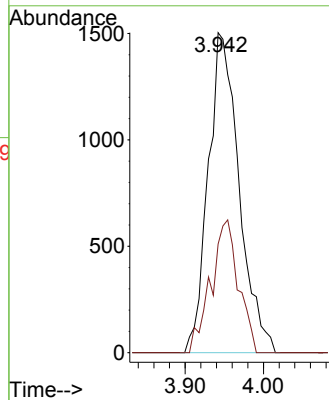
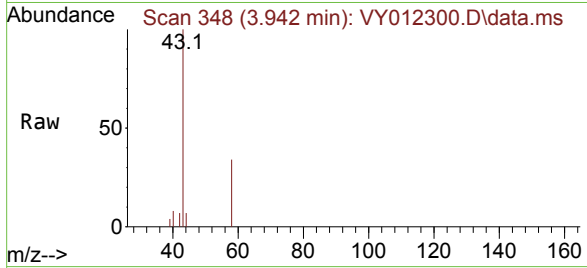
DUP01

Tgt Ion: 43 Resp: 4114

Ion Ratio Lower Upper

43 100

58 34.0 27.9 41.9



#25

2-Butanone

Concen: 4.861 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY012300.D

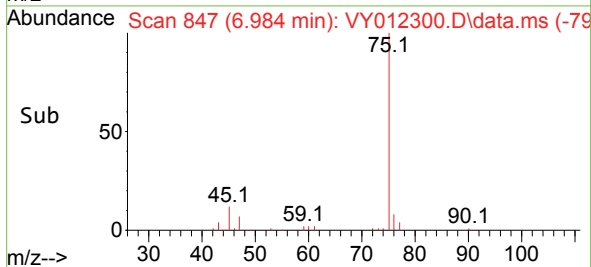
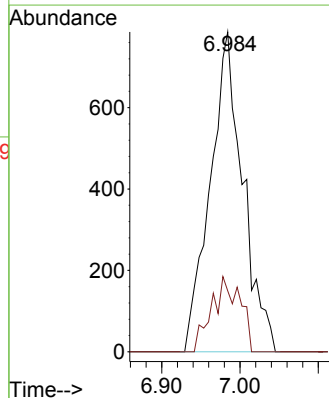
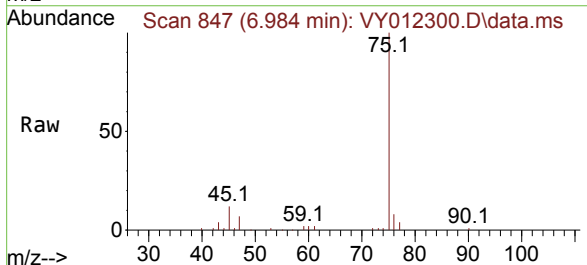
Acq: 20 Jan 2023 18:57

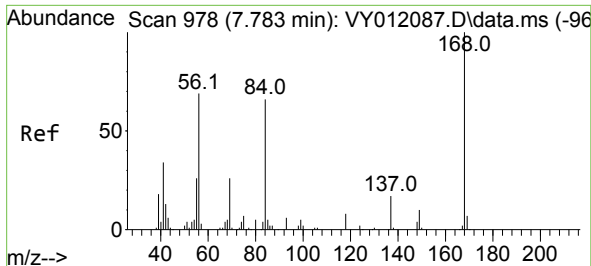
Tgt Ion: 43 Resp: 2269

Ion Ratio Lower Upper

43 100

72 19.1 22.6 34.0#

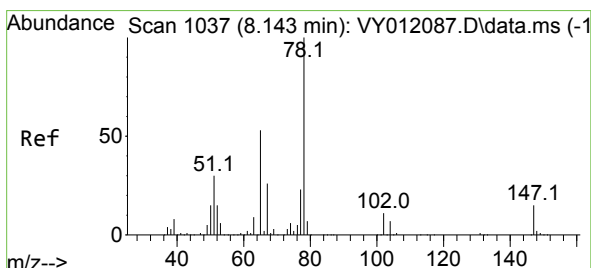
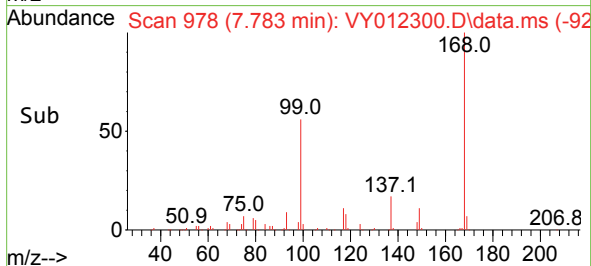
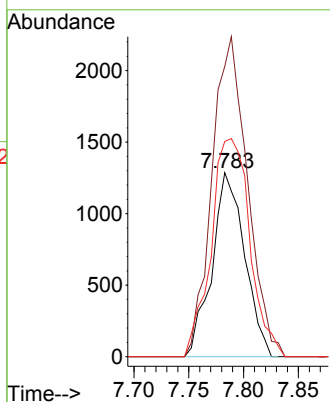
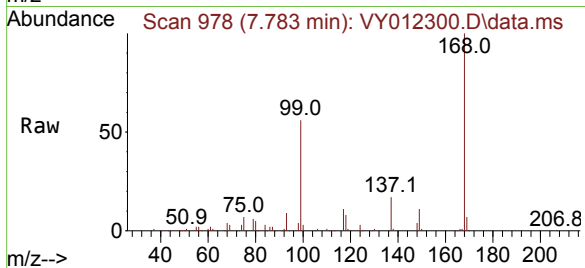




#31
Cyclohexane
Concen: 1.205 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

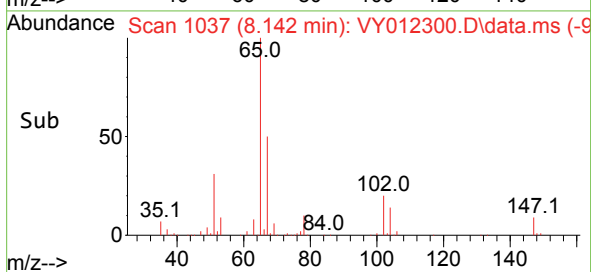
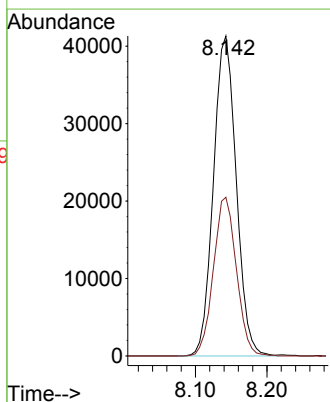
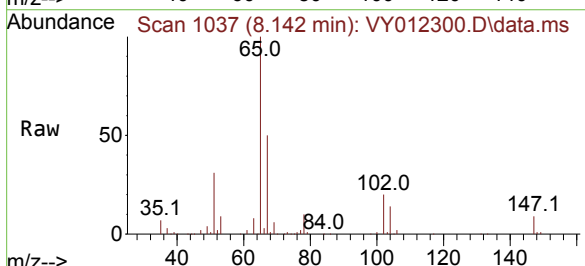
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

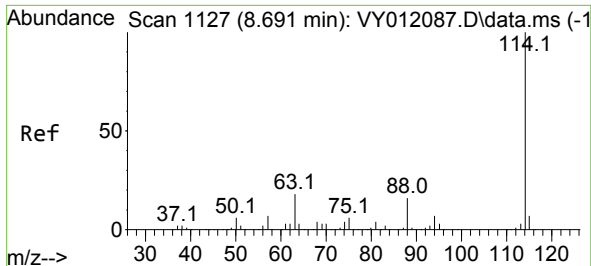
Tgt Ion: 56 Resp: 2667
Ion Ratio Lower Upper
56 100
69 157.8 29.2 43.8#
84 117.0 72.6 108.8#



#33
1,2-Dichloroethane-d4
Concen: 74.610 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

Tgt Ion: 65 Resp: 91460
Ion Ratio Lower Upper
65 100
67 50.0 0.0 103.2

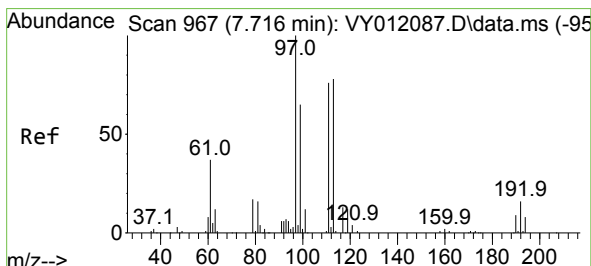
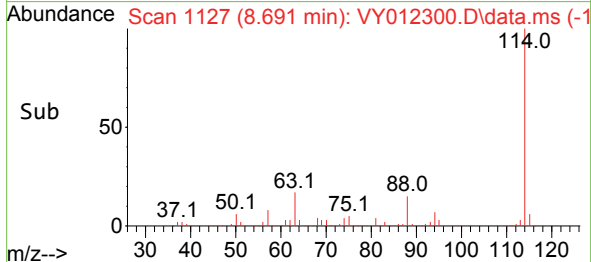
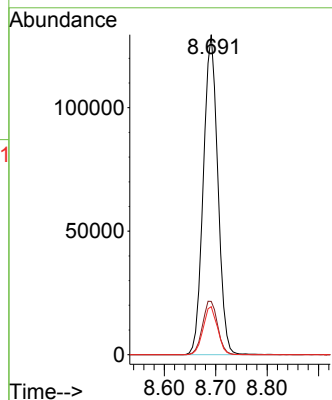
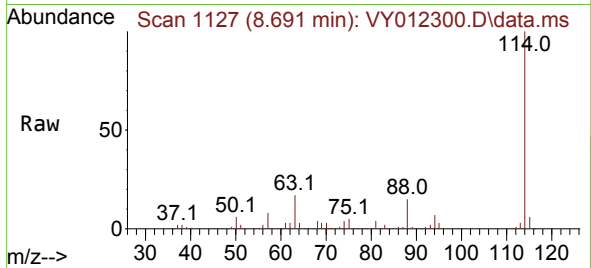




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY012300.D
 Acq: 20 Jan 2023 18:57

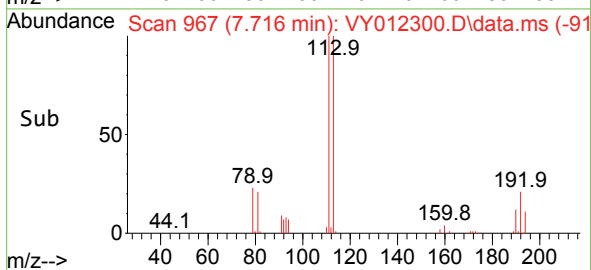
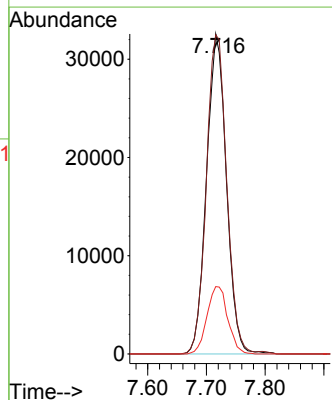
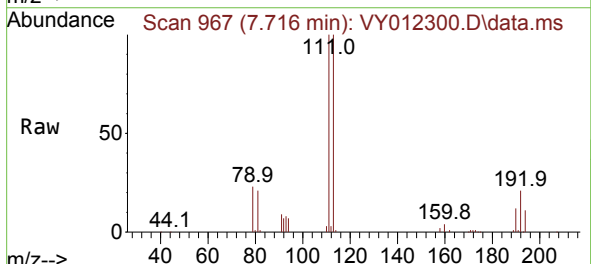
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

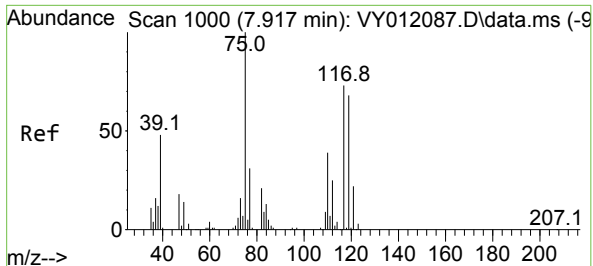
Tgt Ion:114 Resp: 252877
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 39.6
 88 15.0 0.0 32.2



#35
 Dibromofluoromethane
 Concen: 57.156 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.000 min
 Lab File: VY012300.D
 Acq: 20 Jan 2023 18:57

Tgt Ion:113 Resp: 76531
 Ion Ratio Lower Upper
 113 100
 111 102.2 83.0 124.4
 192 22.0 16.0 24.0





#36

1,1-Dichloropropene

Concen: 4.506 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012300.D

Acq: 20 Jan 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :

DUP01

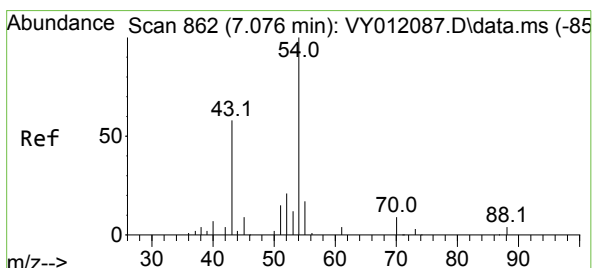
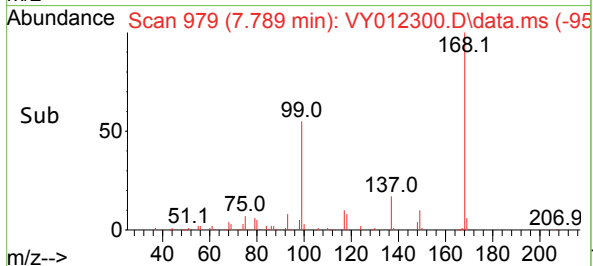
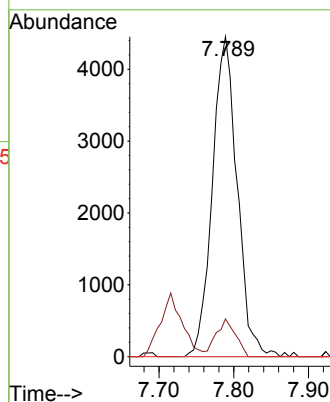
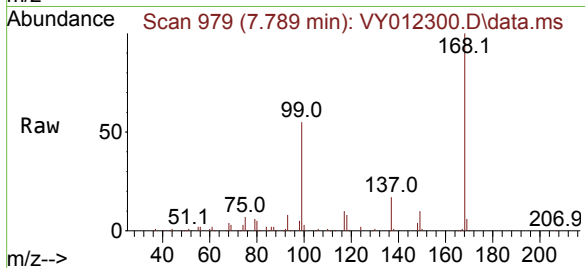
Tgt Ion: 75 Resp: 10255

Ion Ratio Lower Upper

75 100

110 9.3 18.1 54.1#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 2.262 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.092 min

Lab File: VY012300.D

Acq: 20 Jan 2023 18:57

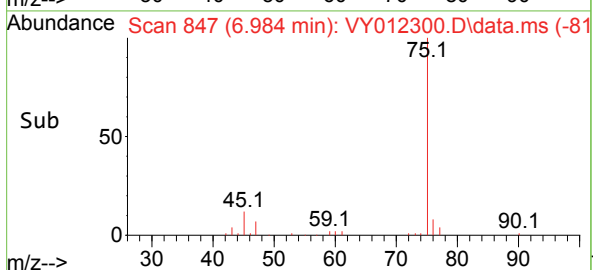
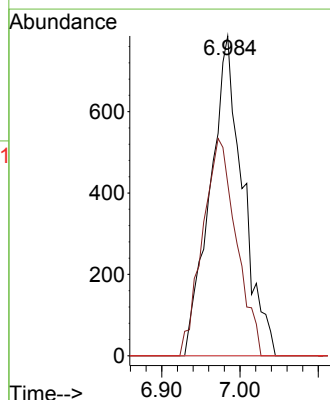
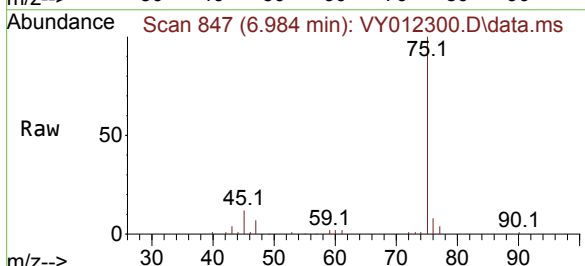
Tgt Ion: 43 Resp: 2269

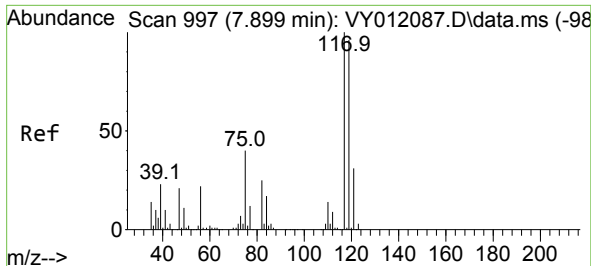
Ion Ratio Lower Upper

43 100

61 70.0 11.3 16.9#

70 0.0 8.2 12.4#

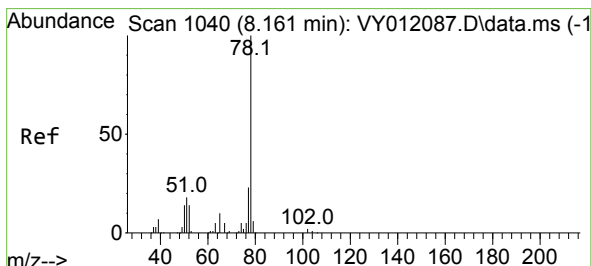
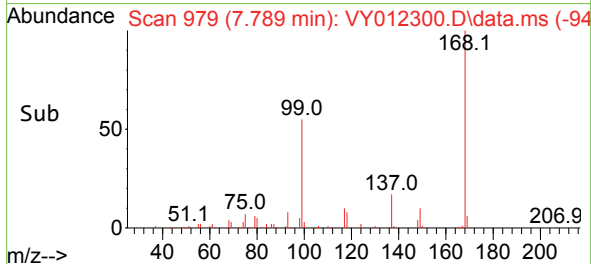
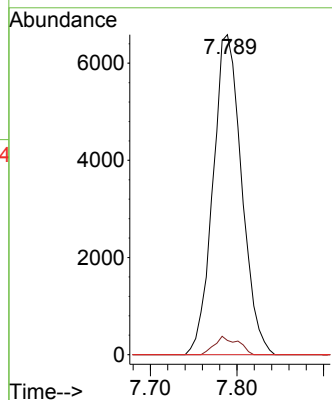
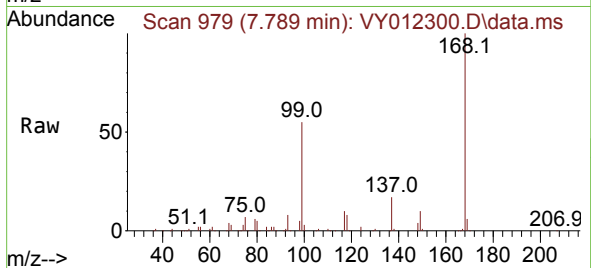




#38
Carbon Tetrachloride
Concen: 5.161 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

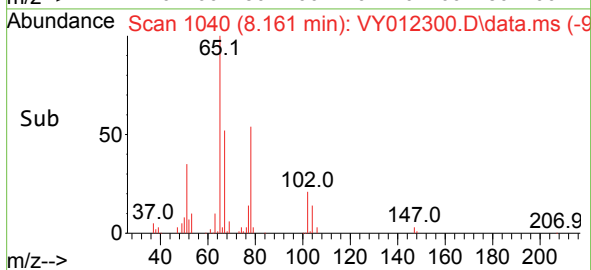
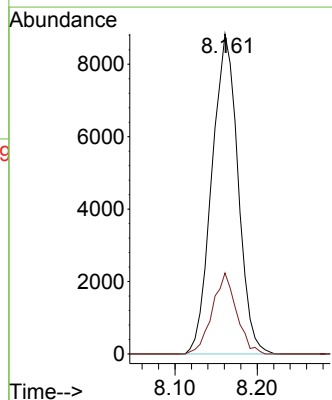
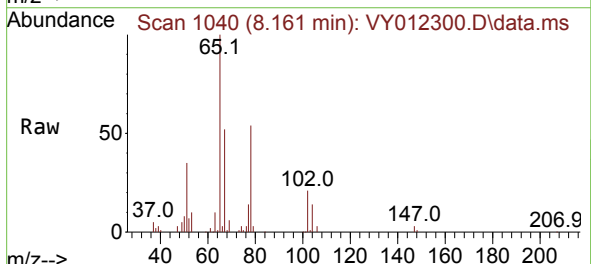
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

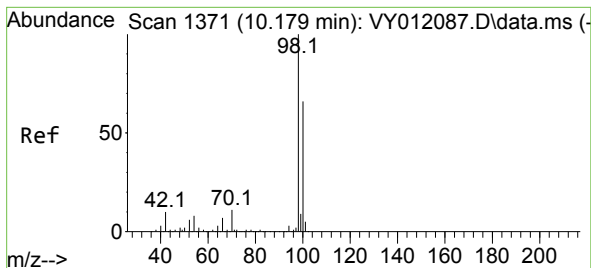
Tgt Ion:117 Resp: 15168
Ion Ratio Lower Upper
117 100
119 4.4 73.8 110.8#
121 0.0 25.2 37.8#



#40
Benzene
Concen: 2.968 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

Tgt Ion: 78 Resp: 19495
Ion Ratio Lower Upper
78 100
77 25.3 18.6 27.8

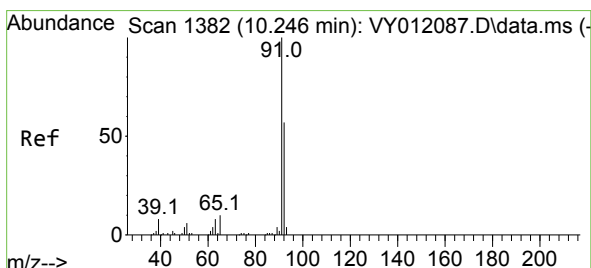
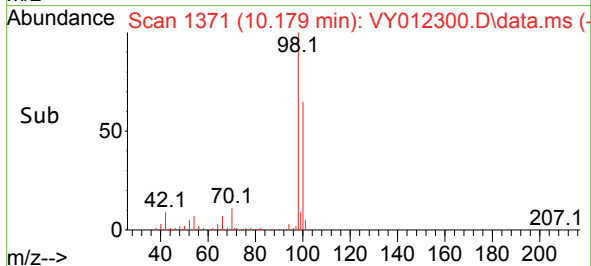
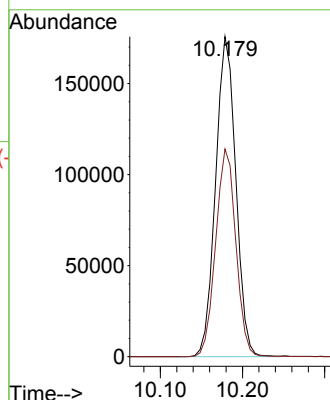
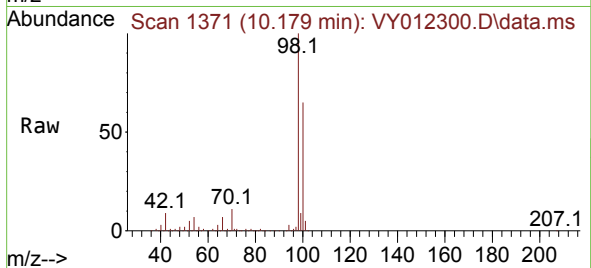




#50
Toluene-d8
Concen: 66.114 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

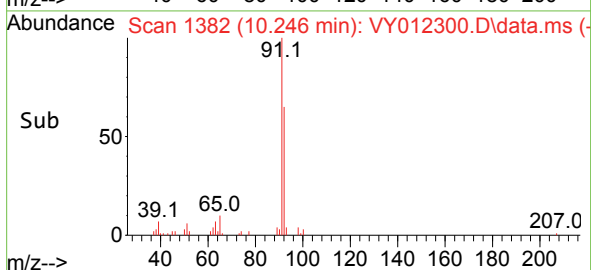
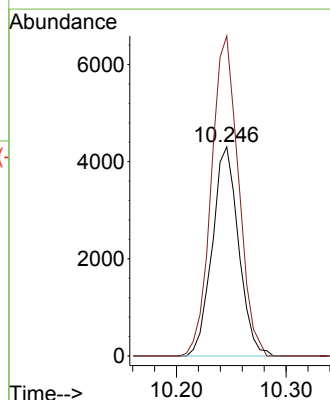
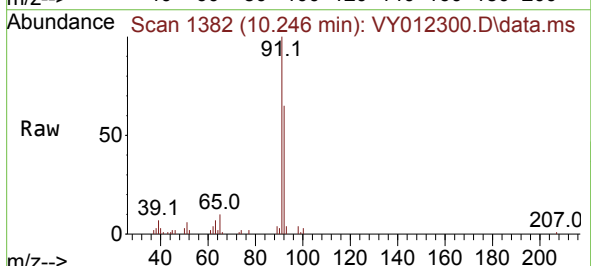
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

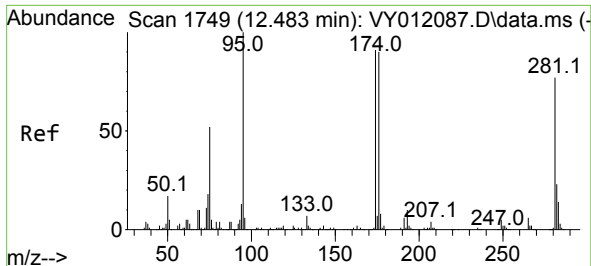
Tgt Ion: 98 Resp: 300250
Ion Ratio Lower Upper
98 100
100 64.8 51.9 77.9



#52
Toluene
Concen: 1.641 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

Tgt Ion: 92 Resp: 7177
Ion Ratio Lower Upper
92 100
91 157.9 137.4 206.0

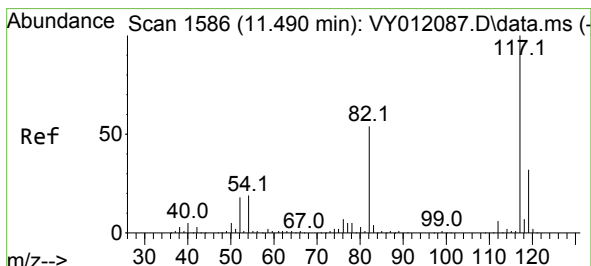
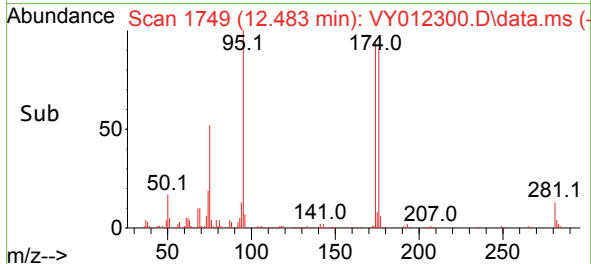
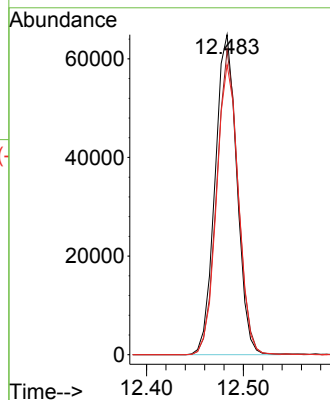
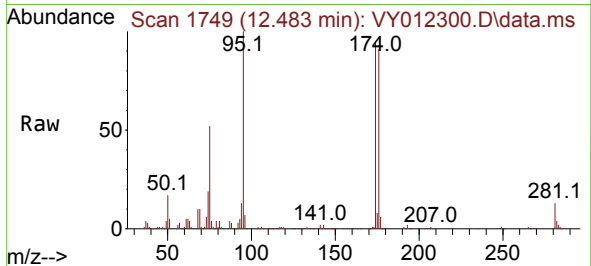




#62
4-Bromofluorobenzene
Concen: 53.723 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

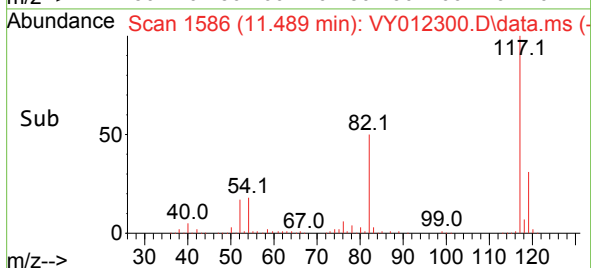
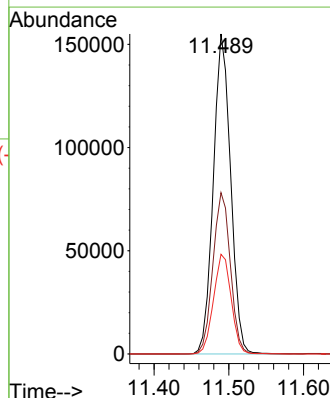
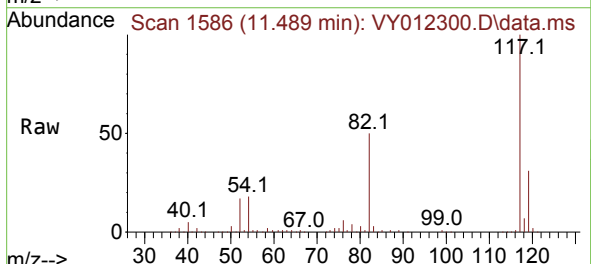
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

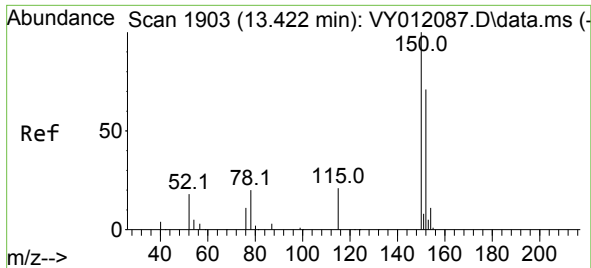
Tgt Ion: 95 Resp: 101406
Ion Ratio Lower Upper
95 100
174 93.3 0.0 172.0
176 91.2 0.0 167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012300.D
Acq: 20 Jan 2023 18:57

Tgt Ion: 117 Resp: 249786
Ion Ratio Lower Upper
117 100
82 50.4 44.8 67.2
119 31.2 25.4 38.2

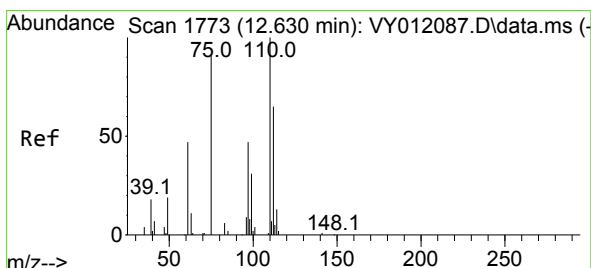
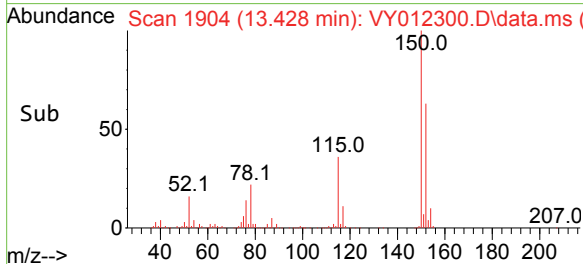
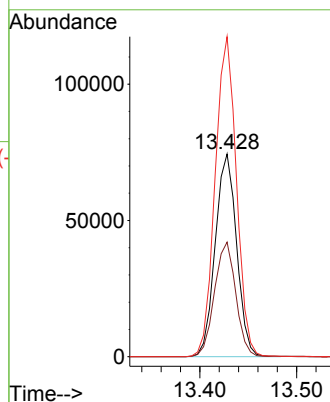
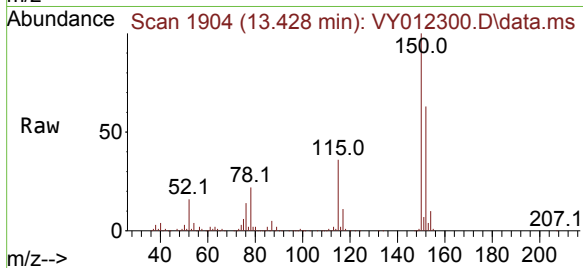




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY012300.D
 Acq: 20 Jan 2023 18:57

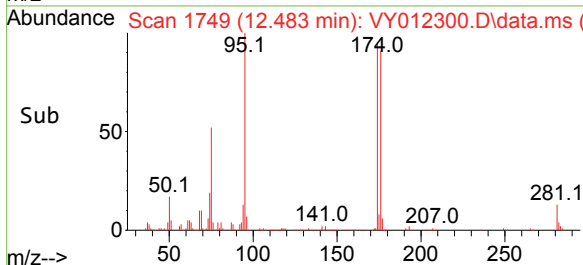
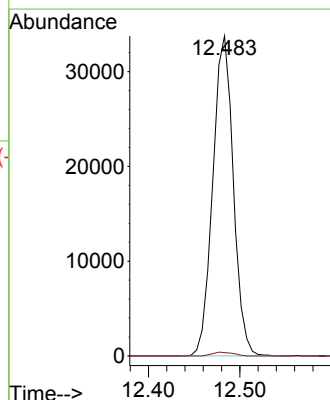
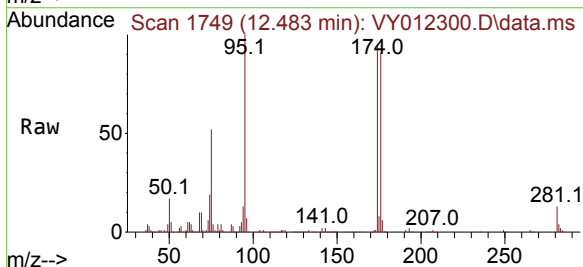
Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

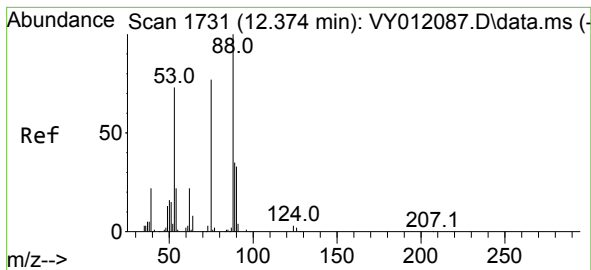
Tgt Ion:152 Resp: 114034
 Ion Ratio Lower Upper
 152 100
 115 56.5 29.1 87.3
 150 157.2 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 50.184 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012300.D
 Acq: 20 Jan 2023 18:57

Tgt Ion: 75 Resp: 52622
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 103.401 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012300.D
 Acq: 20 Jan 2023 18:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

Tgt Ion: 75 Resp: 52622
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.1 37.0 55.4#

