

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
 Data File : VY012946.D
 Acq On : 14 Mar 2023 16:57
 Operator : KP/MD
 Sample : 01905-10RE
 Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-3

Quant Time: Mar 15 01:44:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

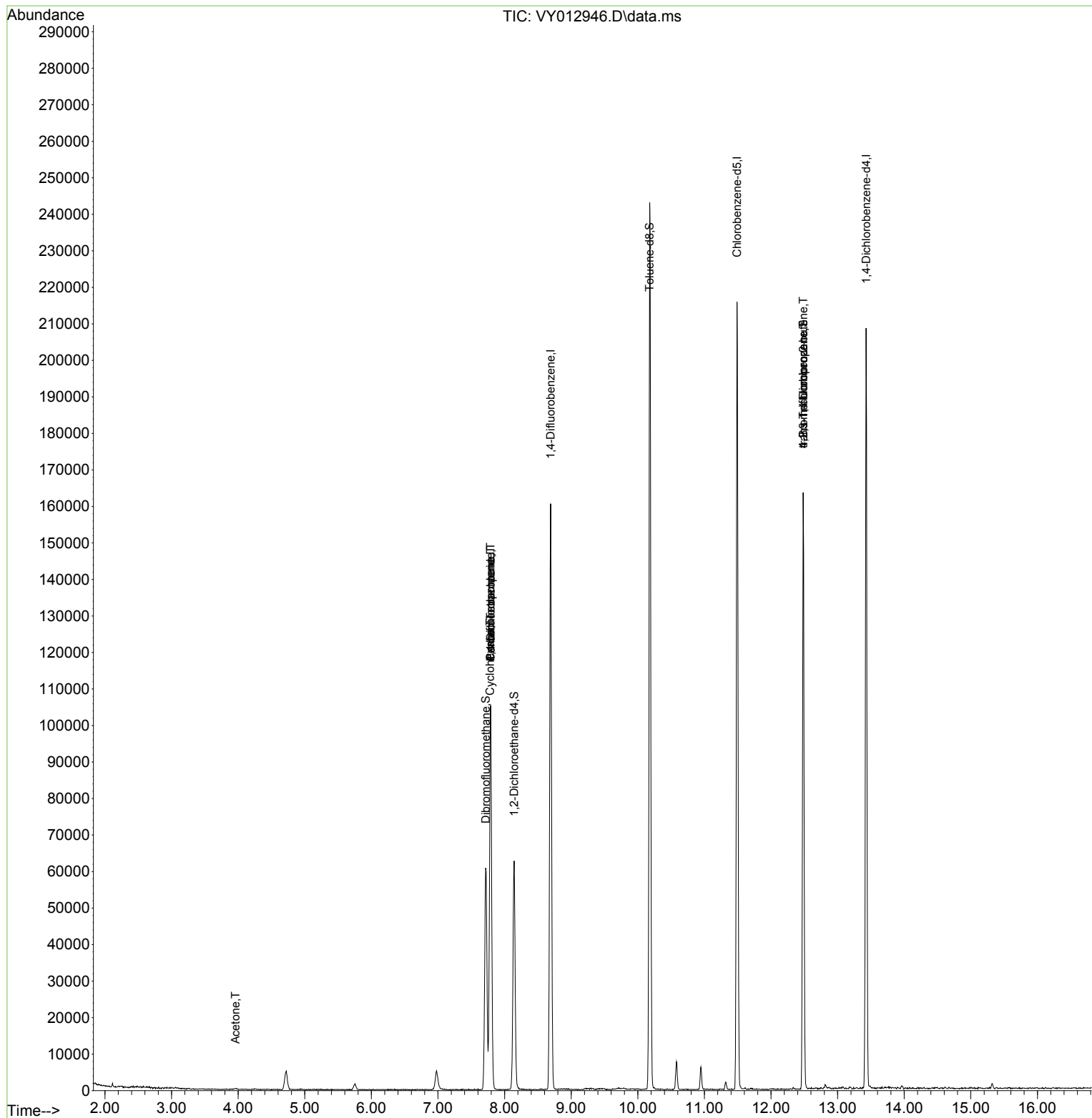
Internal Standards						
1) Pentafluorobenzene	7.789	168	80338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	131413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116658	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	47606	59.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.360%
35) Dibromofluoromethane	7.716	113	43123	54.374	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.740%
50) Toluene-d8	10.179	98	157776	54.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.483	95	46732	47.754	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	163	Below Cal	#	74
16) Acetone	3.960	43	541	1.728	ug/l #	44
20) Methylene Chloride	4.722	84	3557	Below Cal	#	91
31) Cyclohexane	7.783	56	1764	1.155	ug/l #	27
36) 1,1-Dichloropropene	7.789	75	6268	4.716	ug/l #	49
38) Carbon Tetrachloride	7.789	117	7771	5.662	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	24715	39.349	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	24715	81.533	ug/l #	13

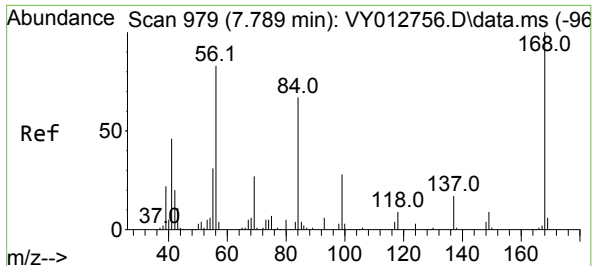
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031423\
Data File : VY012946.D
Acq On : 14 Mar 2023 16:57
Operator : KP/MD
Sample : 01905-10RE
Misc : 5.95g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

Quant Time: Mar 15 01:44:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 03 01:13:13 2023
Response via : Initial Calibration

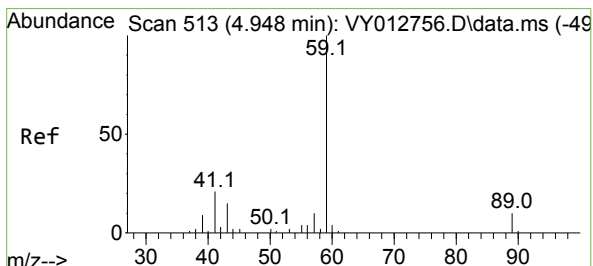
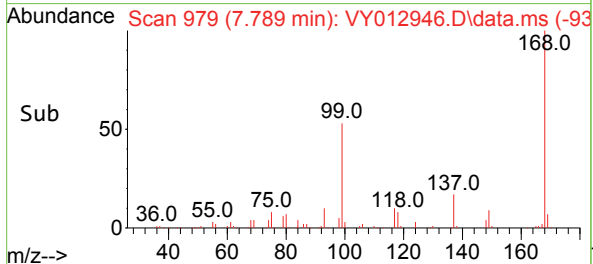
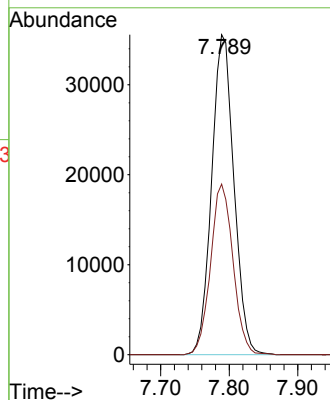
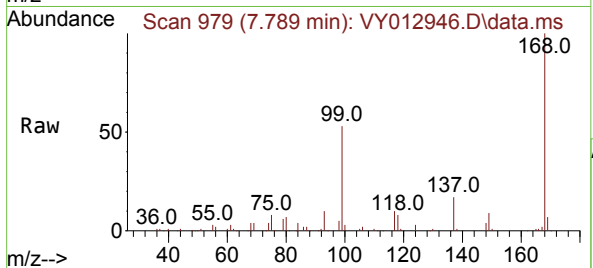




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

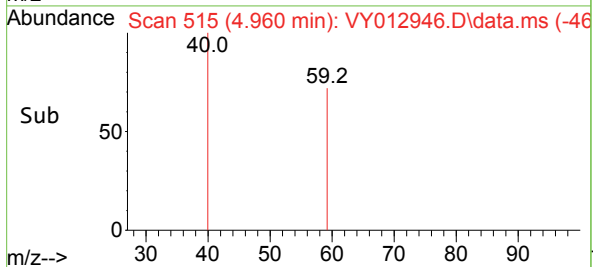
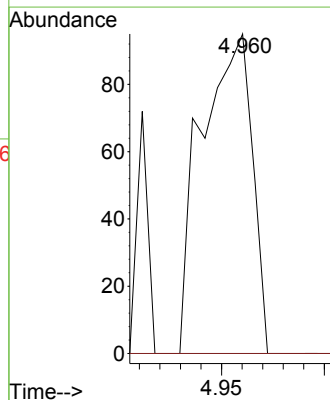
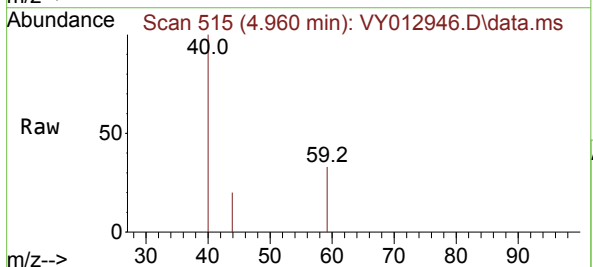
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

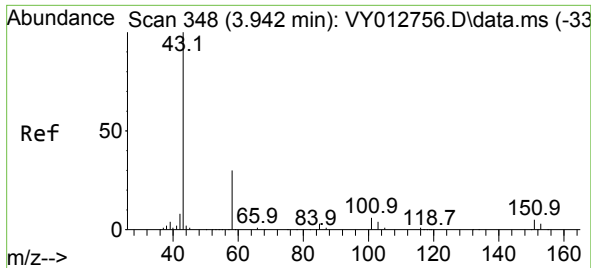
Tgt Ion:168 Resp: 80338
Ion Ratio Lower Upper
168 100
99 53.3 41.7 62.5



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

Tgt Ion: 59 Resp: 163
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#





#16

Acetone

Concen: 1.728 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

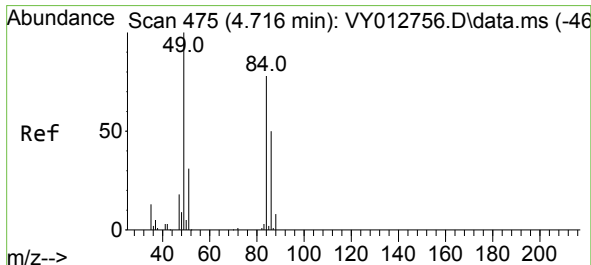
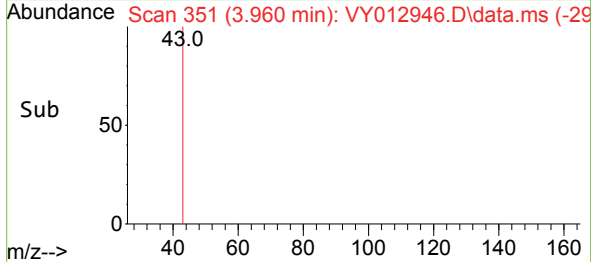
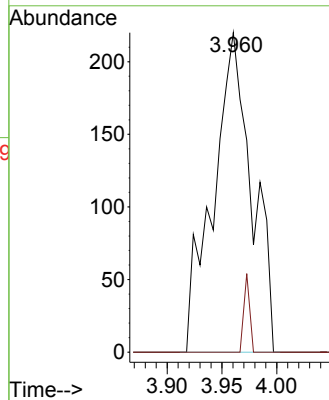
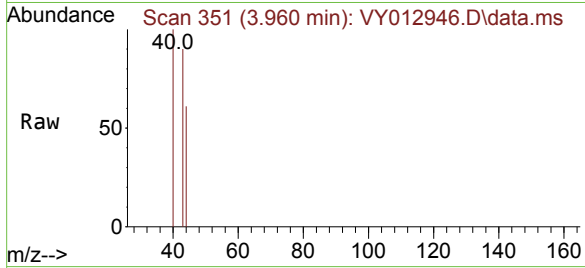
MAPLE-3

Tgt Ion: 43 Resp: 541

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.722 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Tgt Ion: 84 Resp: 3557

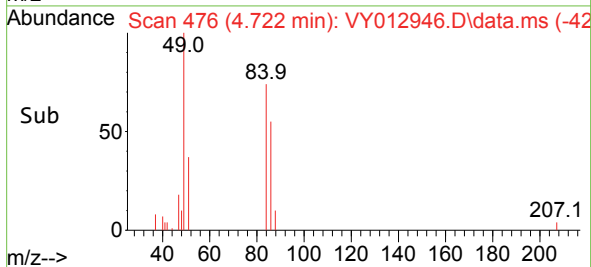
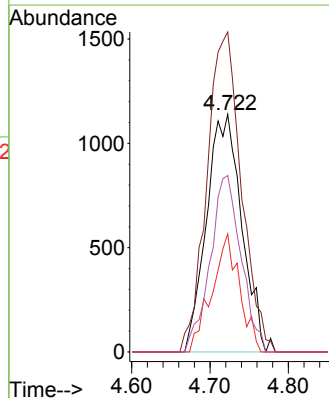
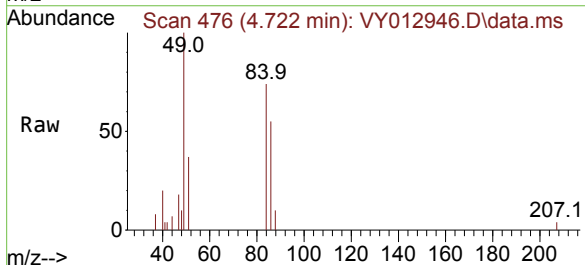
Ion Ratio Lower Upper

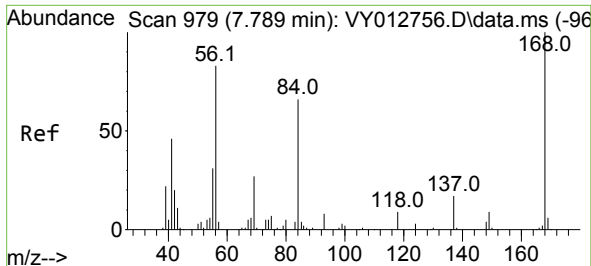
84 100

49 134.7 102.6 154.0

51 49.7 31.9 47.9#

86 74.3 51.0 76.6

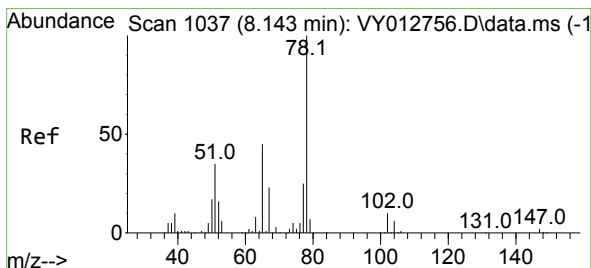
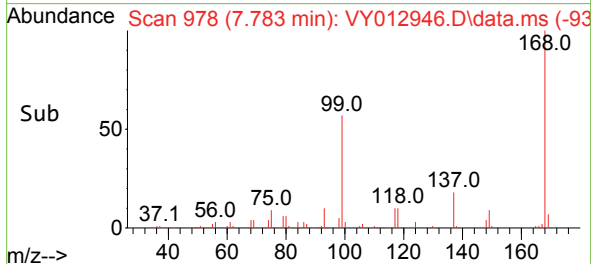
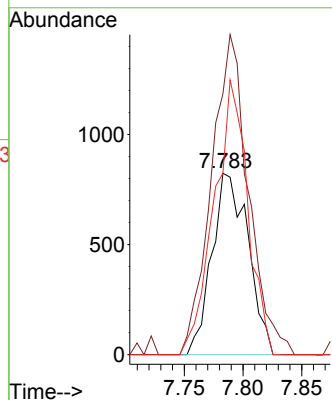
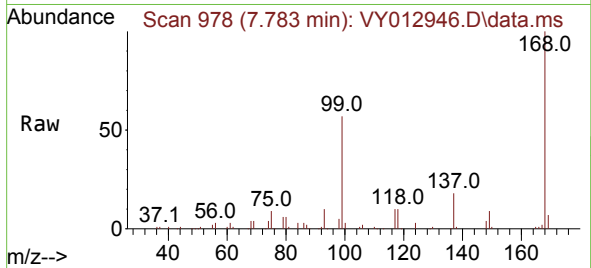




#31
Cyclohexane
Concen: 1.155 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

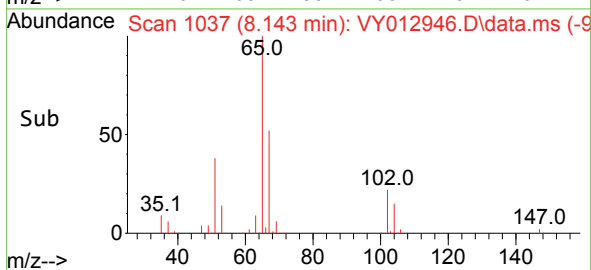
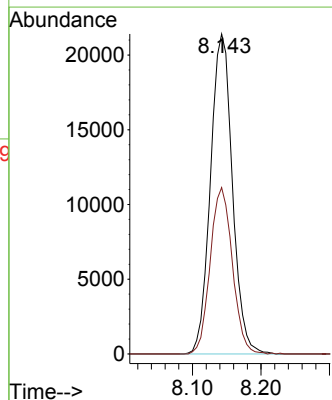
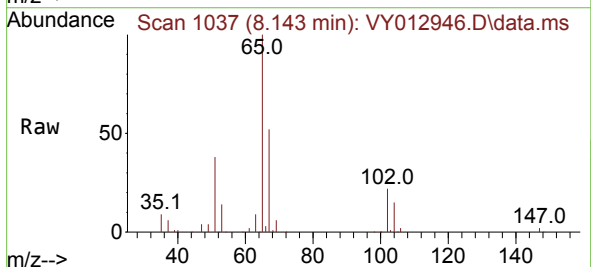
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

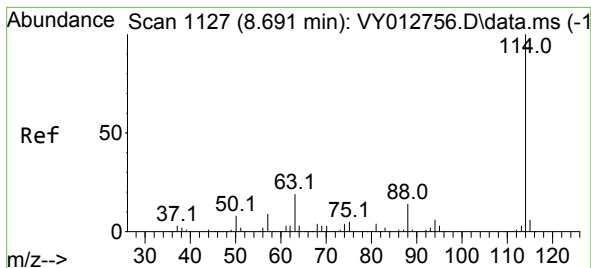
Tgt Ion: 56 Resp: 1764
Ion Ratio Lower Upper
56 100
69 143.8 25.7 38.5#
84 100.0 64.3 96.5#



#33
1,2-Dichloroethane-d4
Concen: 59.683 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

Tgt Ion: 65 Resp: 47606
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

MAPLE-3

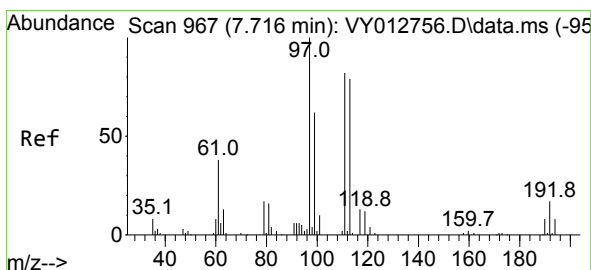
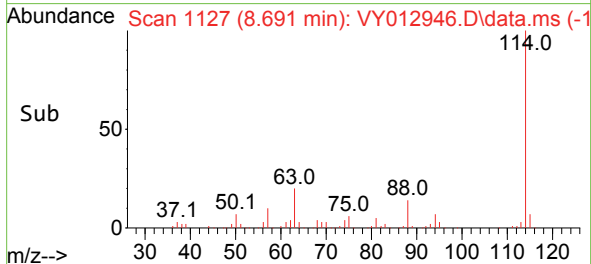
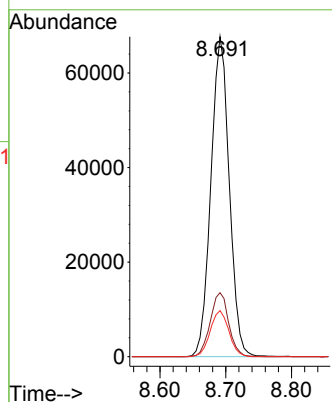
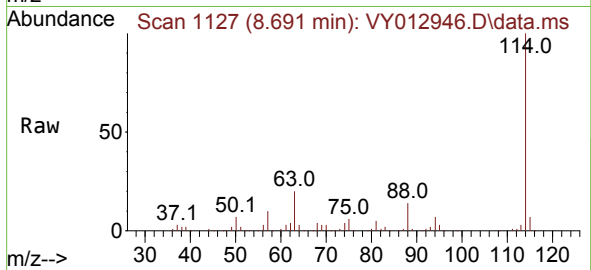
Tgt Ion:114 Resp: 131413

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 54.374 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

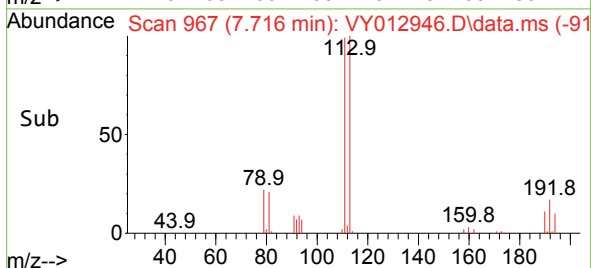
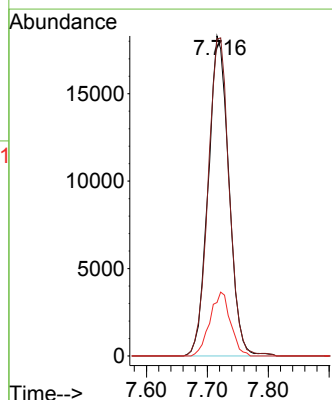
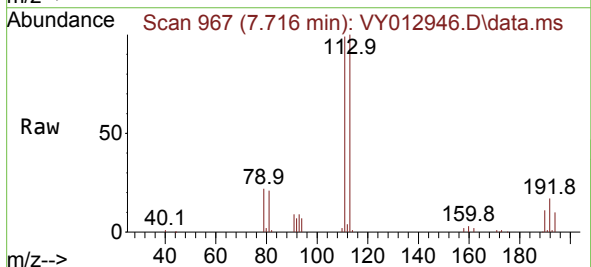
Tgt Ion:113 Resp: 43123

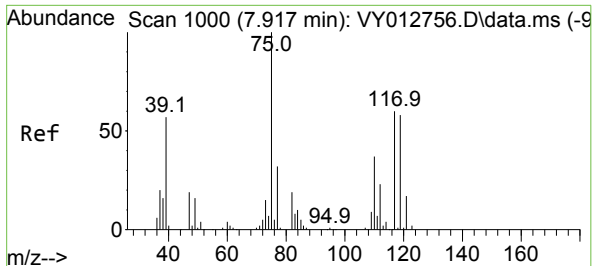
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 19.8 16.8 25.2

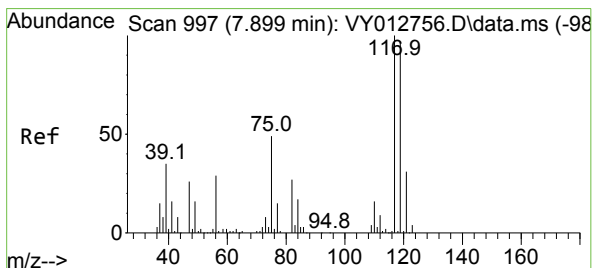
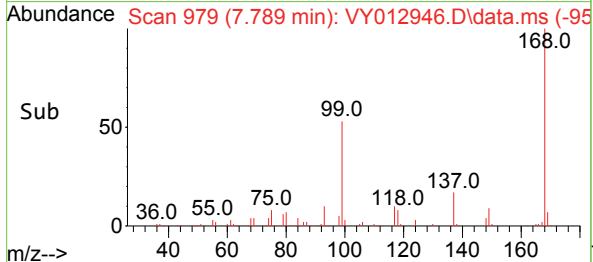
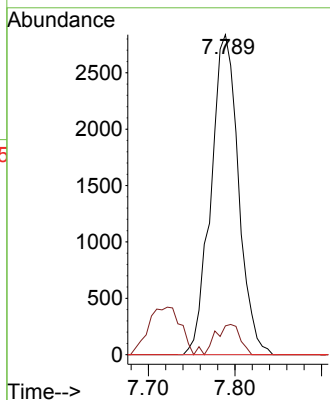
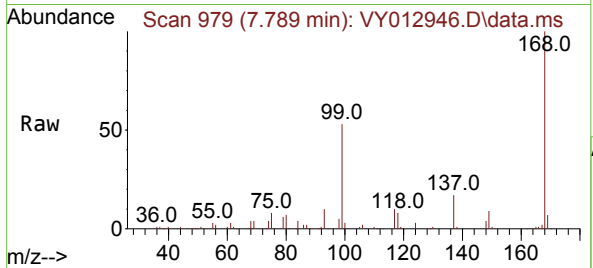




#36
 1,1-Dichloropropene
 Concen: 4.716 ug/l
 RT: 7.789 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY012946.D
 Acq: 14 Mar 2023 16:57

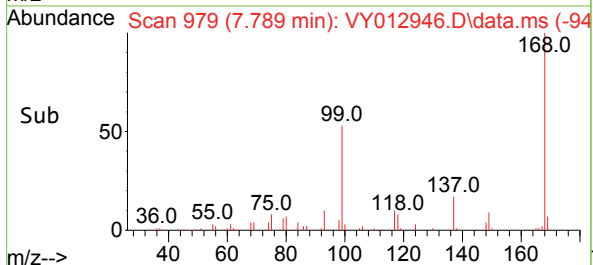
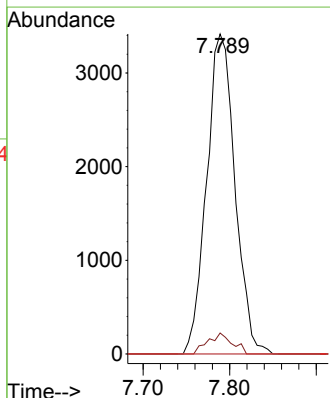
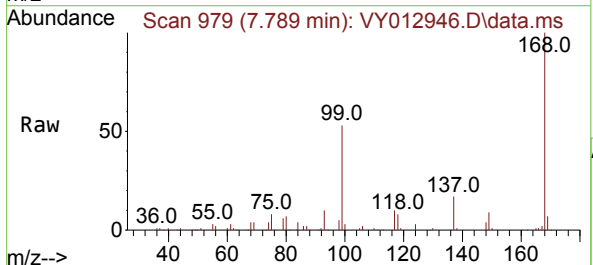
Instrument :
 MSVOA_Y
 ClientSampleId :
 MAPLE-3

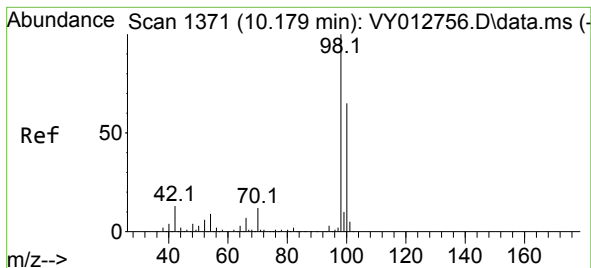
Tgt Ion: 75 Resp: 6268
 Ion Ratio Lower Upper
 75 100
 110 8.2 17.8 53.3#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 5.662 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY012946.D
 Acq: 14 Mar 2023 16:57

Tgt Ion: 117 Resp: 7771
 Ion Ratio Lower Upper
 117 100
 119 6.6 77.2 115.8#
 121 0.0 24.7 37.1#

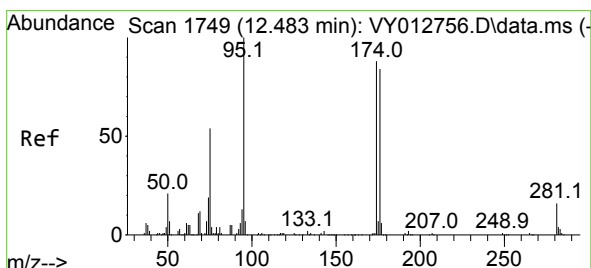
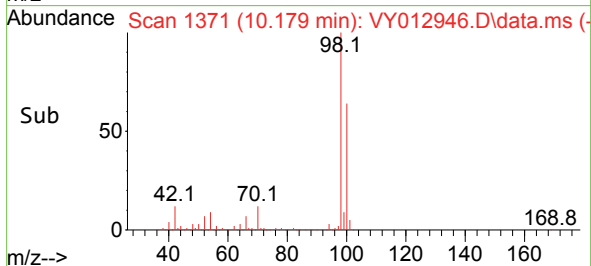
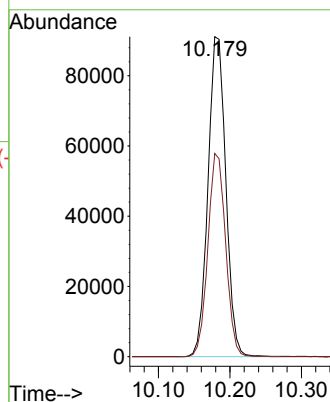
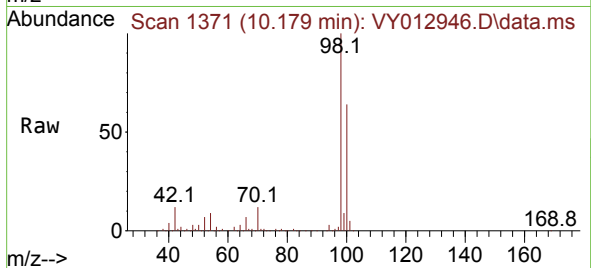




#50
Toluene-d8
Concen: 54.418 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

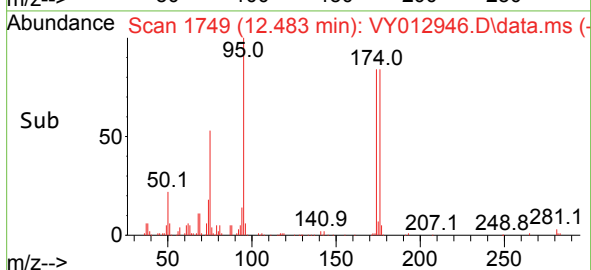
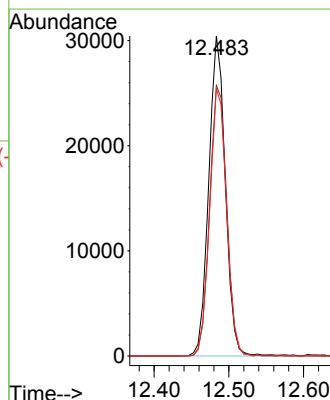
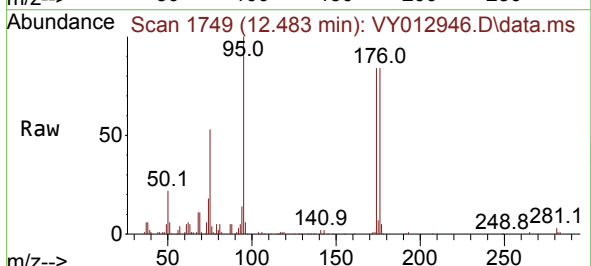
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

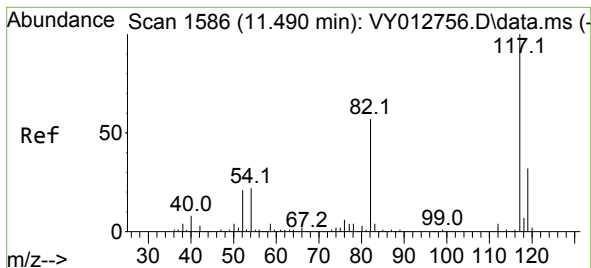
Tgt Ion: 98 Resp: 157776
Ion Ratio Lower Upper
98 100
100 63.3 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 47.754 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

Tgt Ion: 95 Resp: 46732
Ion Ratio Lower Upper
95 100
174 87.5 0.0 176.6
176 84.8 0.0 170.2

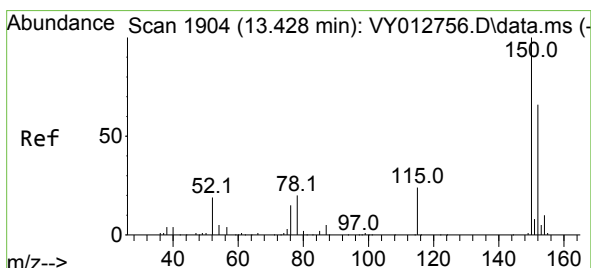
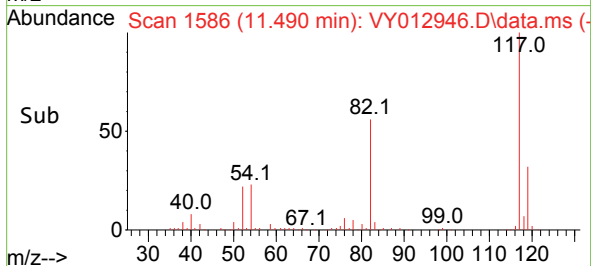
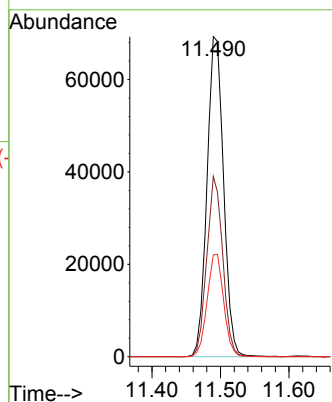
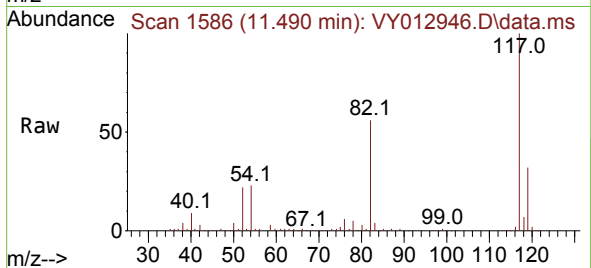




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

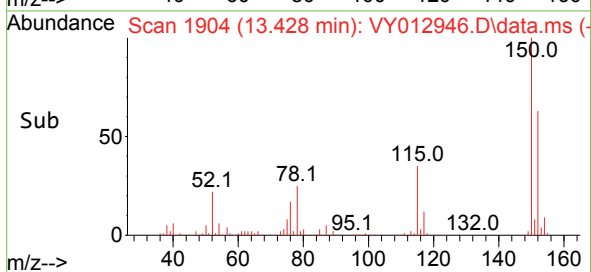
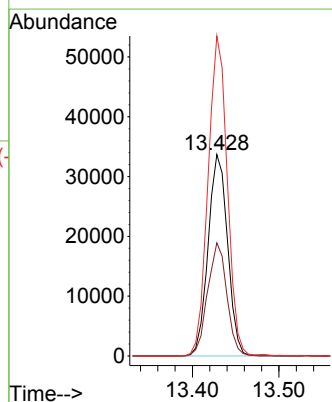
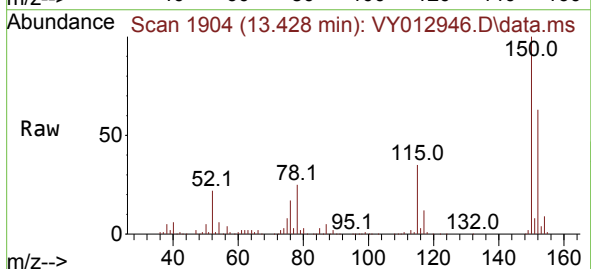
Instrument :
MSVOA_Y
ClientSampleId :
MAPLE-3

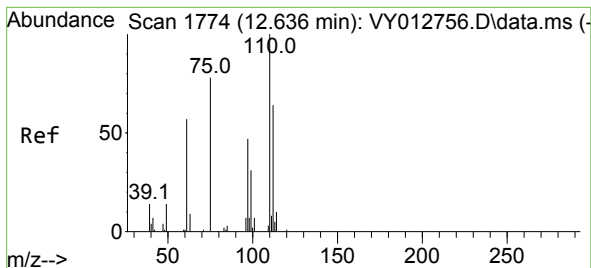
Tgt Ion:117 Resp: 116658
Ion Ratio Lower Upper
117 100
82 56.3 45.4 68.0
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY012946.D
Acq: 14 Mar 2023 16:57

Tgt Ion:152 Resp: 52597
Ion Ratio Lower Upper
152 100
115 55.5 27.1 81.3
150 157.3 0.0 347.8





#76

1,2,3-Trichloropropane

Concen: 39.349 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

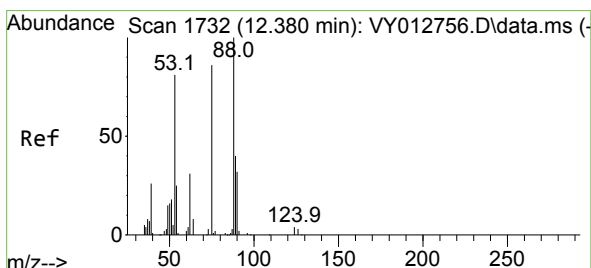
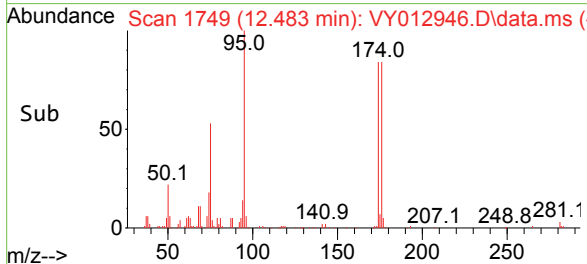
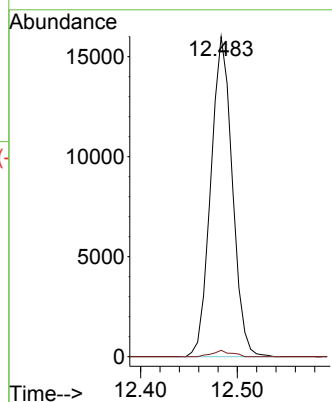
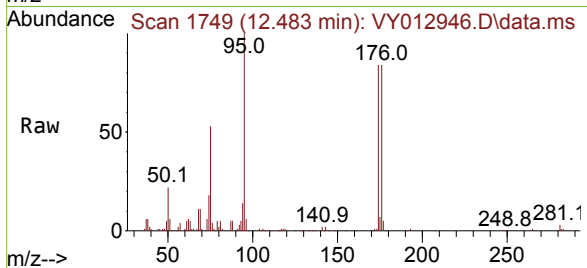
MAPLE-3

Tgt Ion: 75 Resp: 24715

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 81.533 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY012946.D

Acq: 14 Mar 2023 16:57

Tgt Ion: 75 Resp: 24715

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.0#

89 0.1 36.6 55.0#

