

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012588.D
 Acq On : 14 Feb 2023 14:57
 Operator : KP/MD
 Sample : 01538-13
 Misc : 6.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-GRAB-36

Quant Time: Feb 15 01:28:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

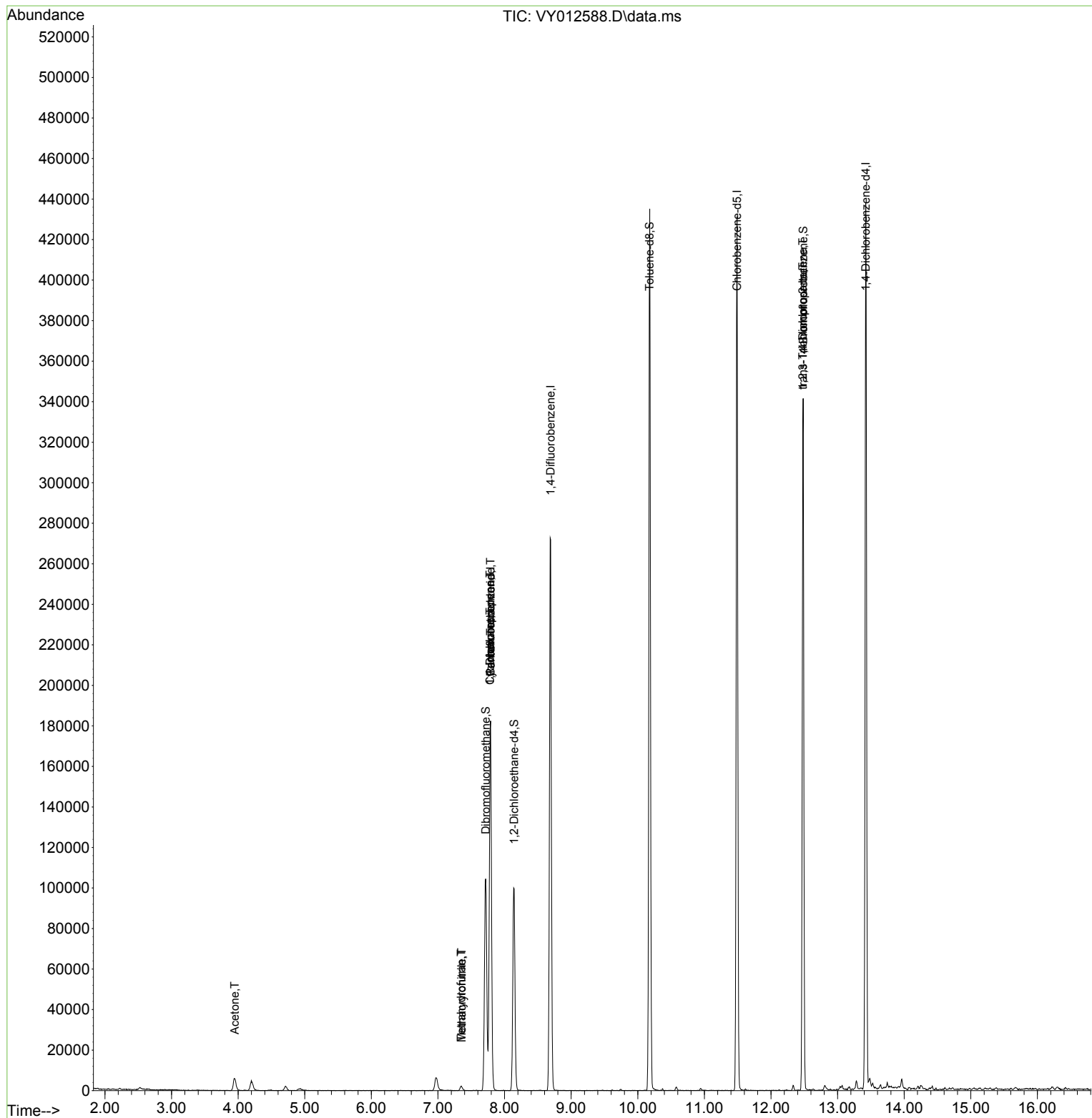
Internal Standards						
1) Pentafluorobenzene	7.789	168	147695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	244941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	119117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	87442	46.558	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.716	113	72124	40.433	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.860%		
50) Toluene-d8	10.179	98	291324	39.237	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	78.480%		
62) 4-Bromofluorobenzene	12.483	95	100309	38.733	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	77.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	158	Below Cal	#	60
11) Tert butyl alcohol	4.924	59	1196	Below Cal	#	75
16) Acetone	3.948	43	11143	24.651	ug/l	95
20) Methylene Chloride	4.716	84	1755	Below Cal	#	84
29) Tetrahydrofuran	7.350	42	1484	5.473	ug/l	91
31) Cyclohexane	7.783	56	2565	1.181	ug/l	# 33
36) 1,1-Dichloropropene	7.783	75	9506	3.938	ug/l	# 50
38) Carbon Tetrachloride	7.789	117	14613	4.509	ug/l	# 17
41) Methacrylonitrile	7.356	41	888	1.488	ug/l	# 100
76) 1,2,3-Trichloropropane	12.477	75	53426	40.145	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	53426	90.530	ug/l	# 12

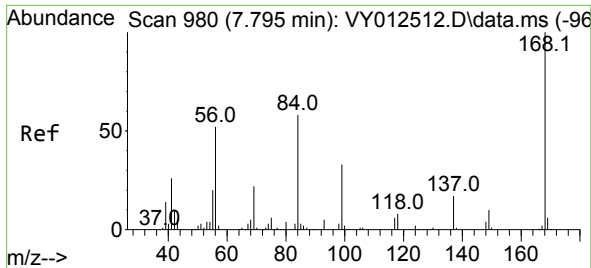
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
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Quant Title : SW846 8260
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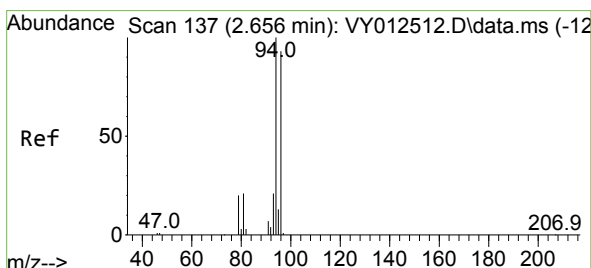
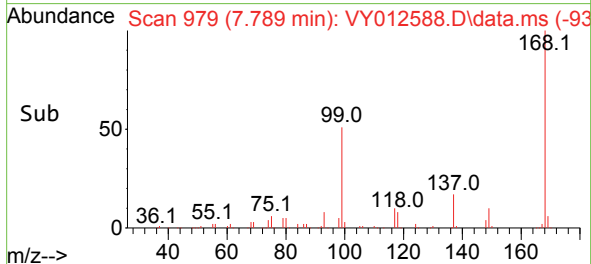
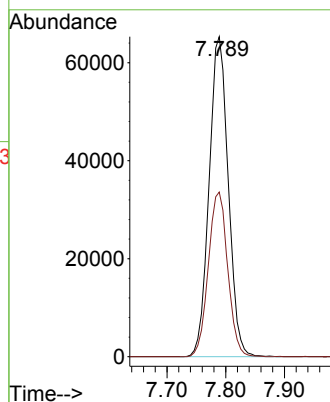
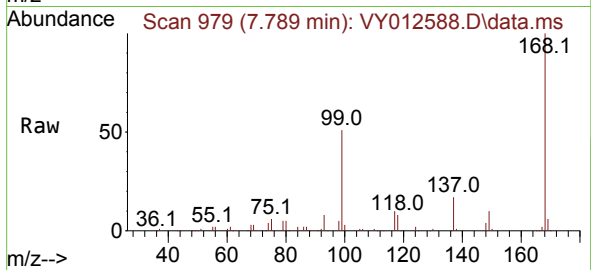




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

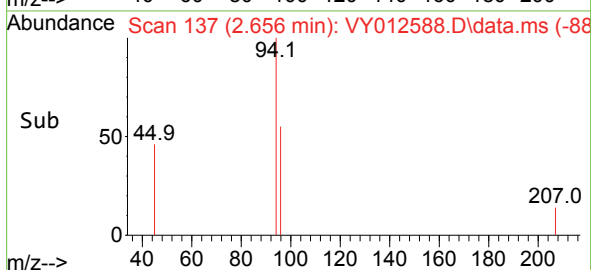
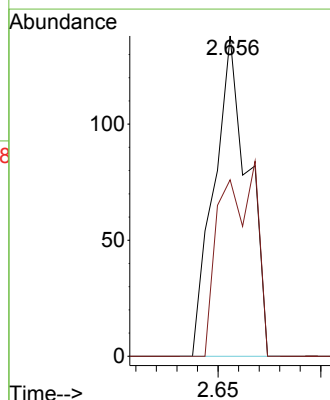
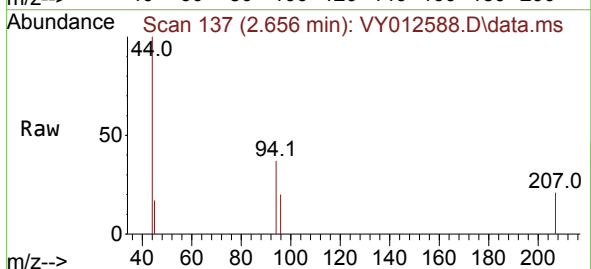
Instrument :
MSVOA_Y
ClientSampleId :
VOC-GRAB-36

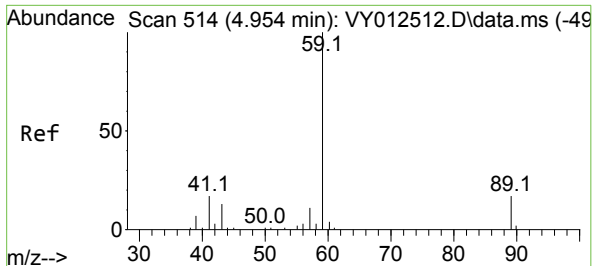
Tgt Ion:168 Resp: 147695
Ion Ratio Lower Upper
168 100
99 51.4 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 55.1 74.7 112.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.924 min Scan# 509

Delta R.T. -0.030 min

Lab File: VY012588.D

Acq: 14 Feb 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

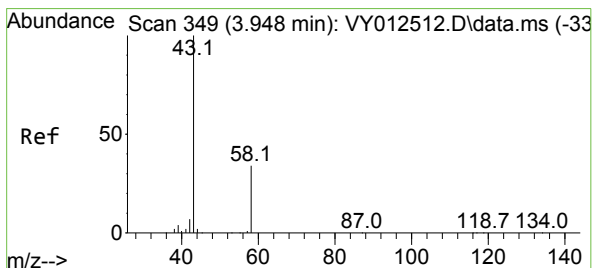
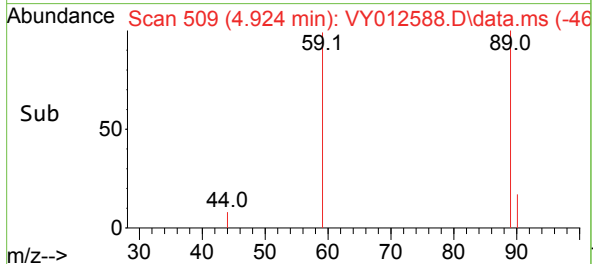
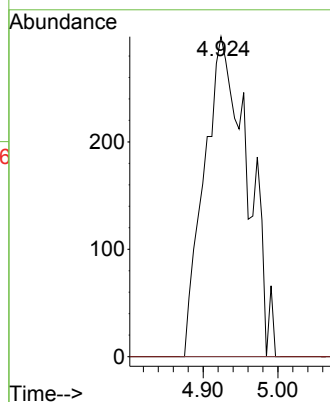
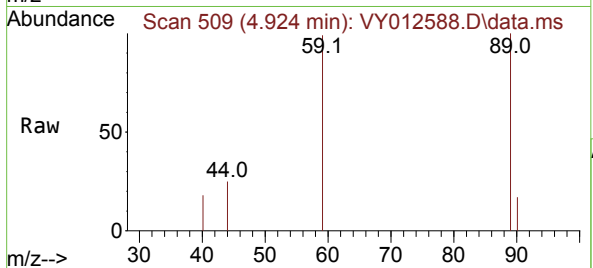
VOC-GRAB-36

Tgt Ion: 59 Resp: 1196

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 24.651 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY012588.D

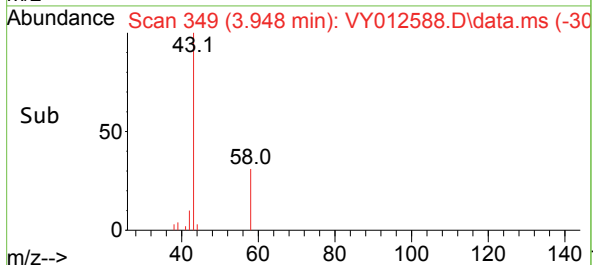
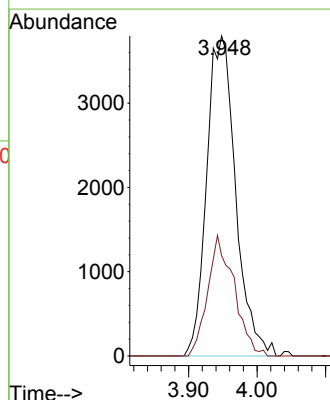
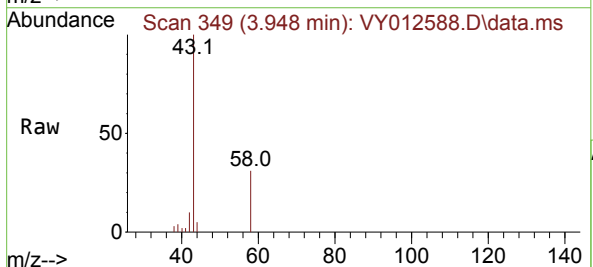
Acq: 14 Feb 2023 14:57

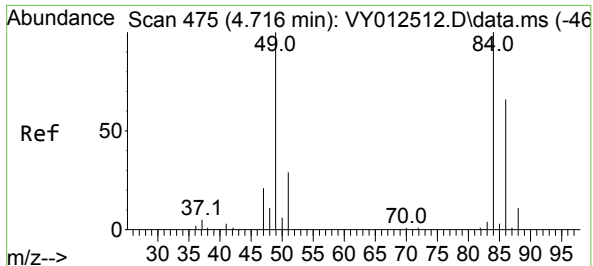
Tgt Ion: 43 Resp: 11143

Ion Ratio Lower Upper

43 100

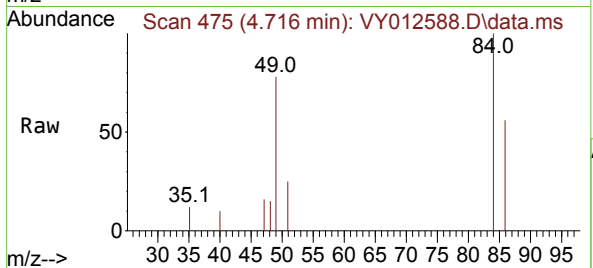
58 31.3 27.1 40.7



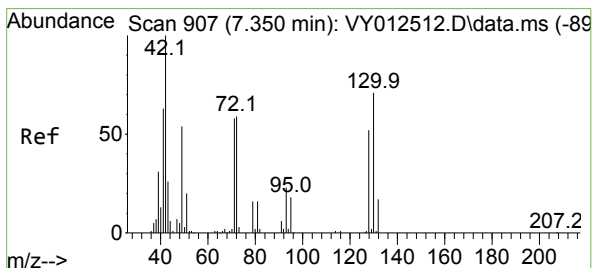
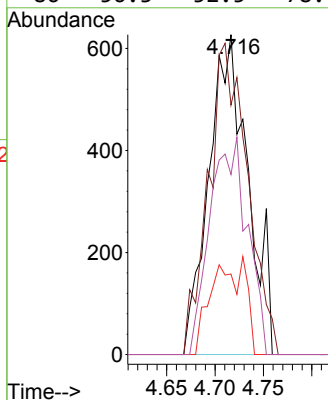
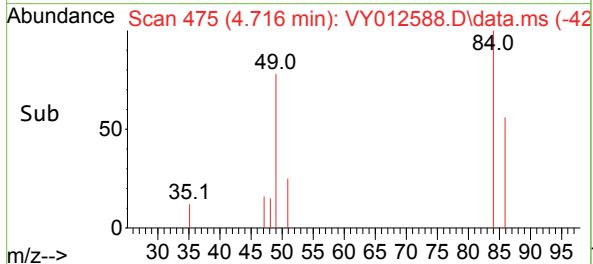


#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VOC-GRAB-36

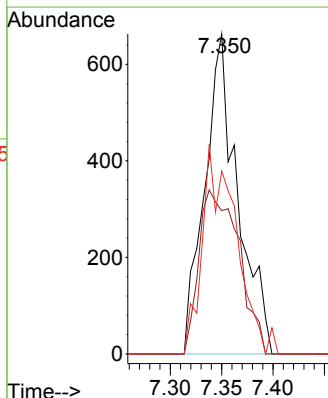
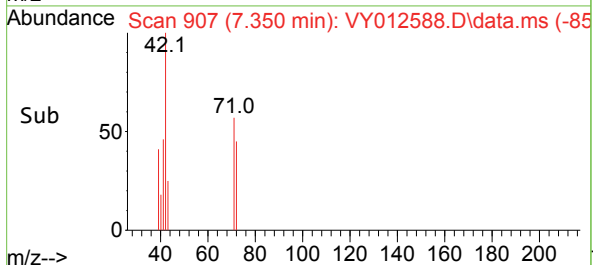
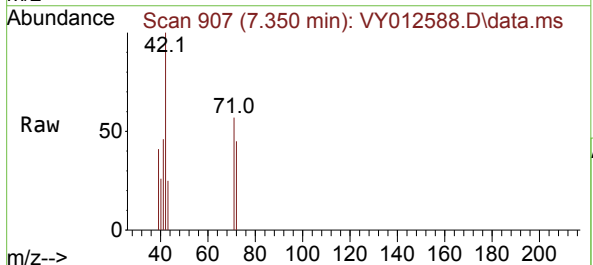


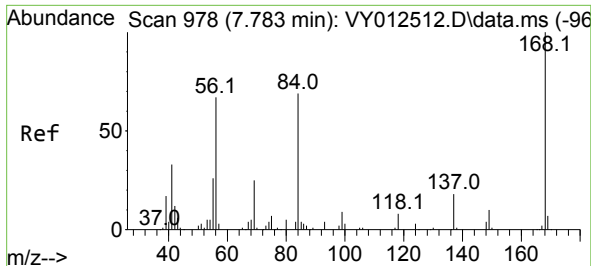
Tgt Ion:	84	Resp:	1755
Ion	Ratio	Lower	Upper
84	100		
49	78.0	79.8	119.6#
51	25.2	23.4	35.2
86	56.3	52.5	78.7



#29
Tetrahydrofuran
Concen: 5.473 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

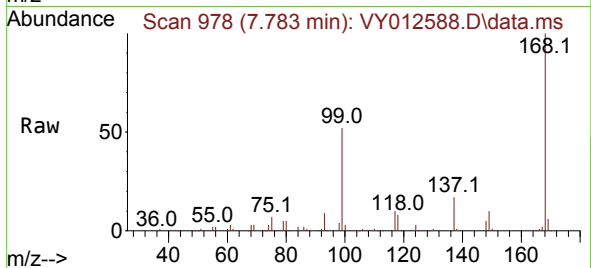
Tgt Ion:	42	Resp:	1484
Ion	Ratio	Lower	Upper
42	100		
72	61.9	47.0	70.6
71	66.4	44.6	66.8



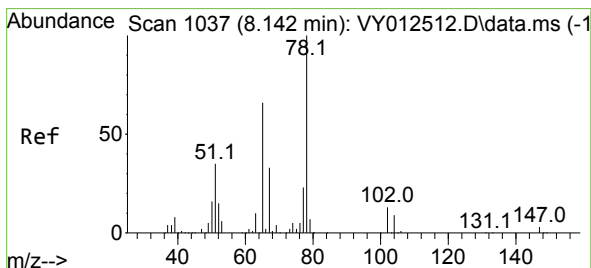
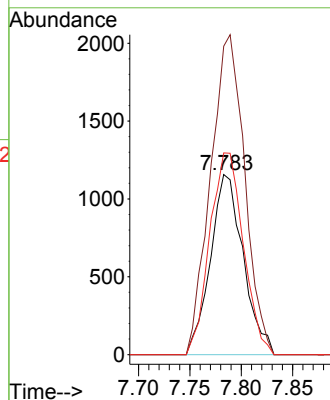
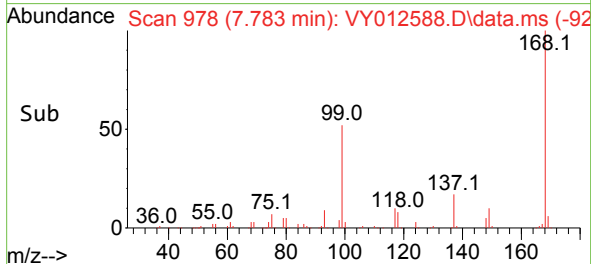


#31
Cyclohexane
Concen: 1.181 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VOC-GRAB-36

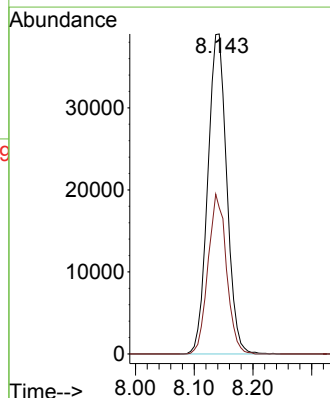
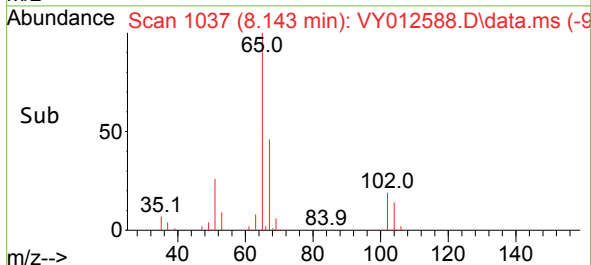
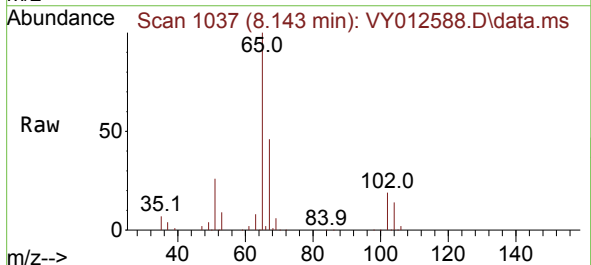


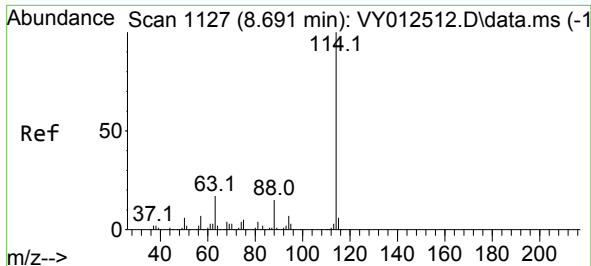
Tgt Ion: 56 Resp: 2565
Ion Ratio Lower Upper
56 100
69 171.2 29.5 44.3#
84 112.0 81.9 122.9



#33
1,2-Dichloroethane-d4
Concen: 46.558 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Tgt Ion: 65 Resp: 87442
Ion Ratio Lower Upper
65 100
67 48.5 0.0 98.6

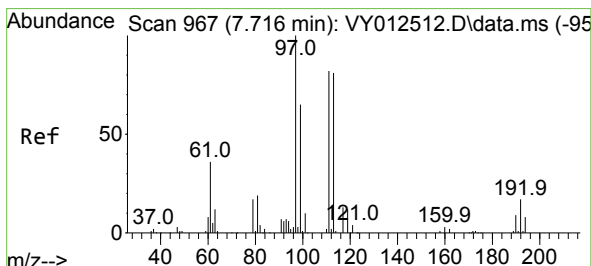
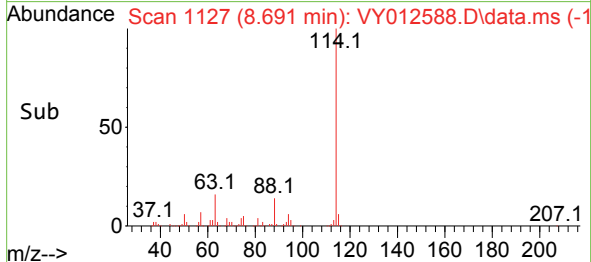
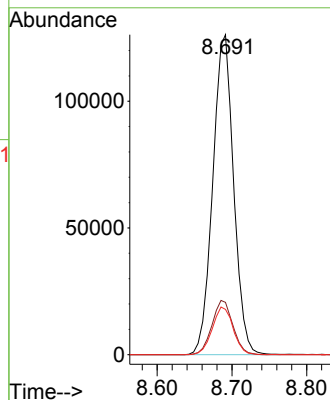
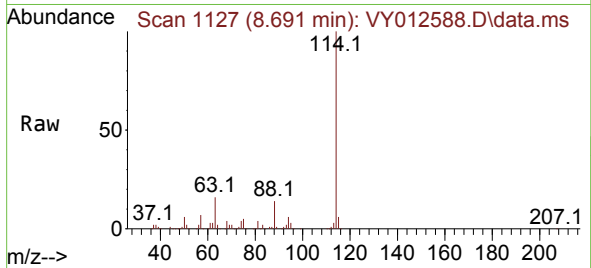




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

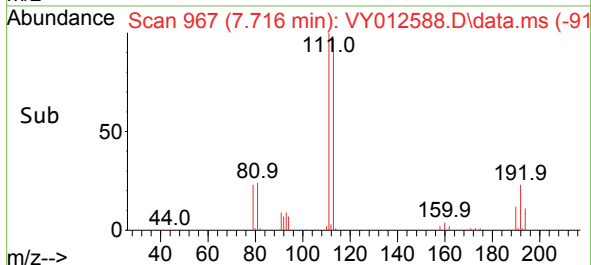
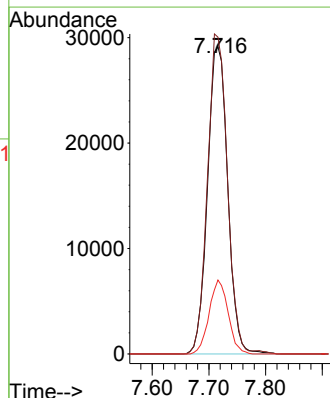
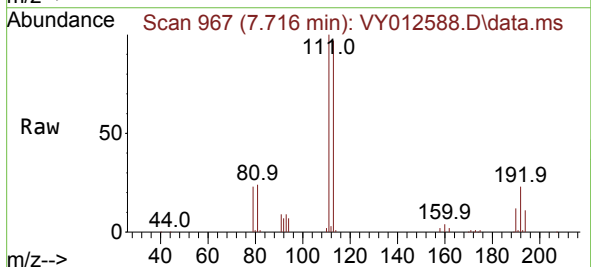
Instrument :
MSVOA_Y
ClientSampleId :
VOC-GRAB-36

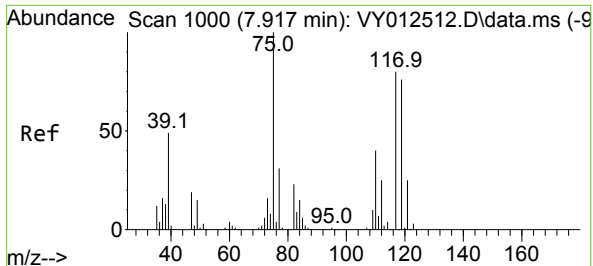
Tgt Ion:114 Resp: 244941
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.6
88 14.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 40.433 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Tgt Ion:113 Resp: 72124
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 22.7 17.5 26.3





#36

1,1-Dichloropropene

Concen: 3.938 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY012588.D

Acq: 14 Feb 2023 14:57

Instrument :

MSVOA_Y

ClientSampleId :

VOC-GRAB-36

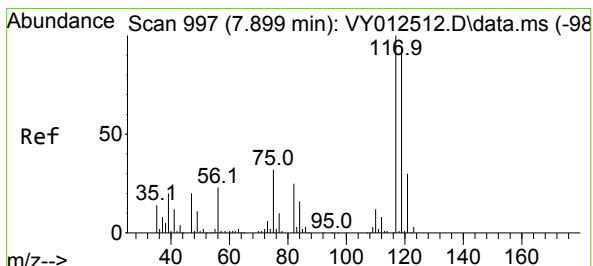
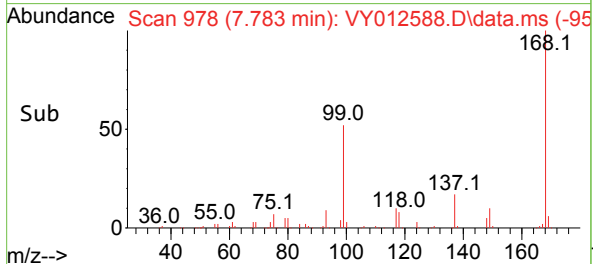
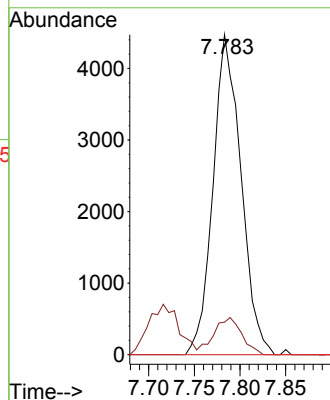
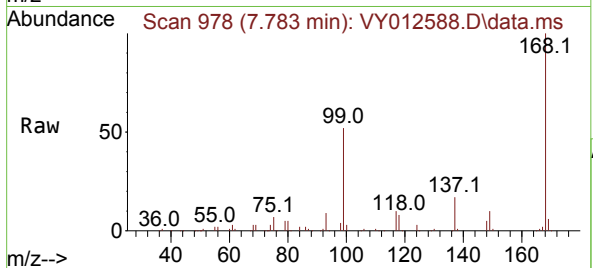
Tgt Ion: 75 Resp: 9506

Ion Ratio Lower Upper

75 100

110 11.7 19.5 58.5#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 4.509 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.109 min

Lab File: VY012588.D

Acq: 14 Feb 2023 14:57

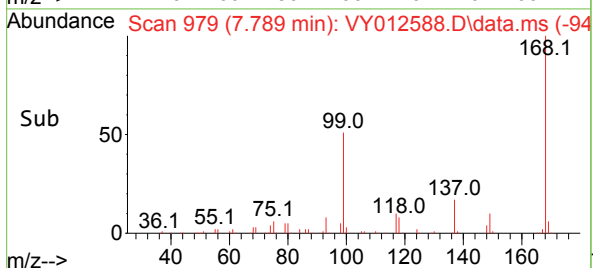
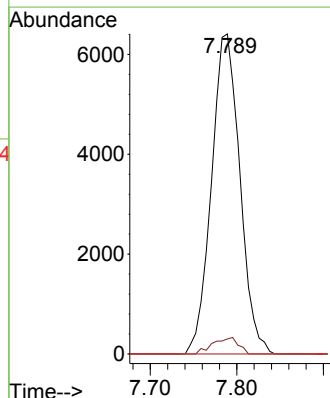
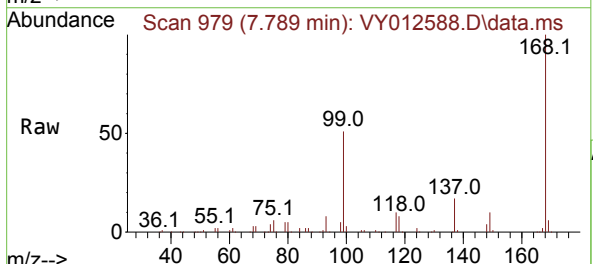
Tgt Ion: 117 Resp: 14613

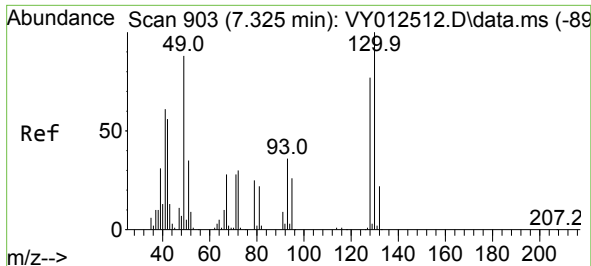
Ion Ratio Lower Upper

117 100

119 4.7 75.1 112.7#

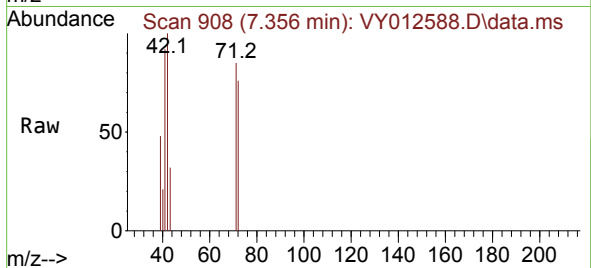
121 0.0 24.3 36.5#



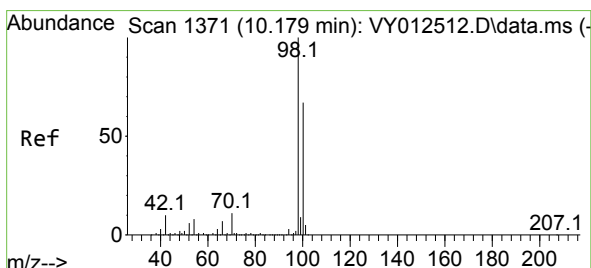
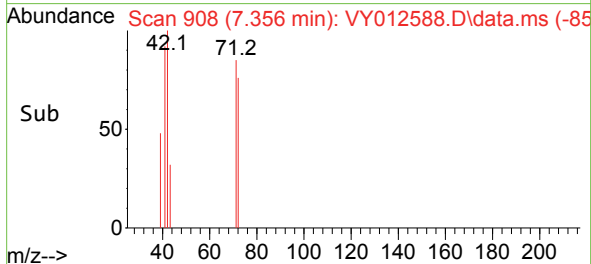
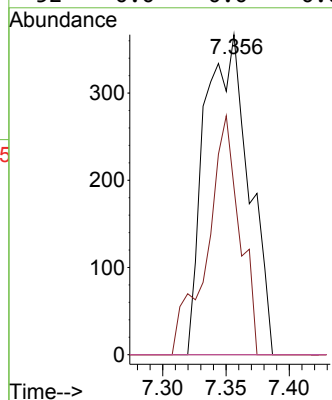


#41
Methacrylonitrile
Concen: 1.488 ug/l
RT: 7.356 min Scan# 903
Delta R.T. 0.031 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Instrument :
MSVOA_Y
ClientSampleId :
VOC-GRAB-36

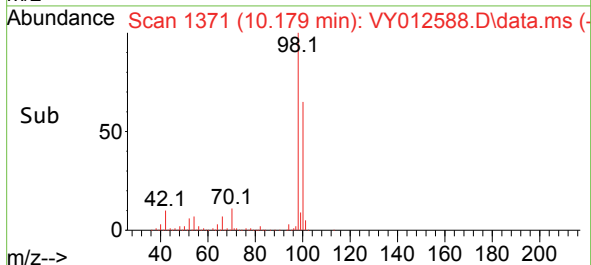
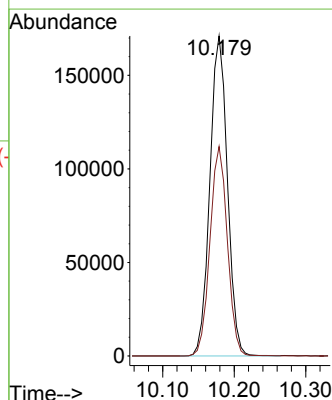
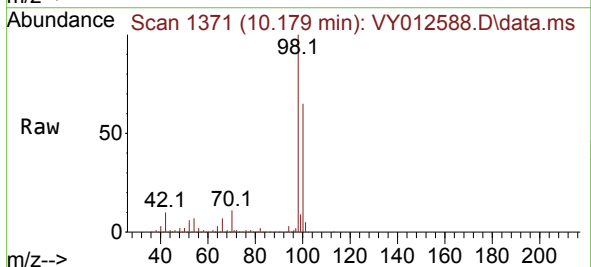


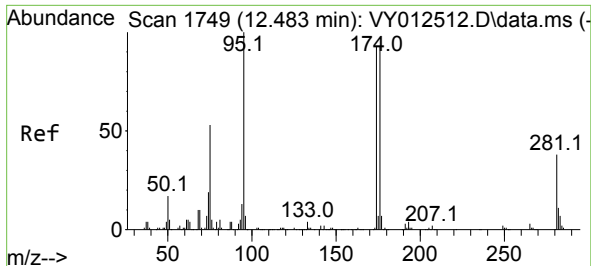
Tgt Ion: 41 Resp: 888
Ion Ratio Lower Upper
41 100
39 55.2 0.0 0.0#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#50
Toluene-d8
Concen: 39.237 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Tgt Ion: 98 Resp: 291324
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2

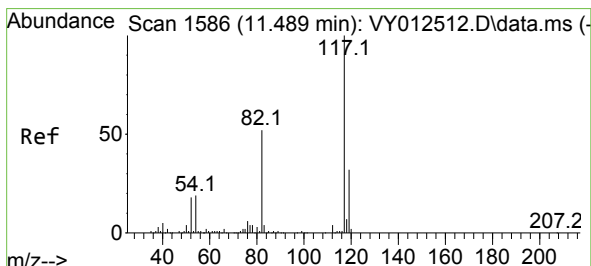
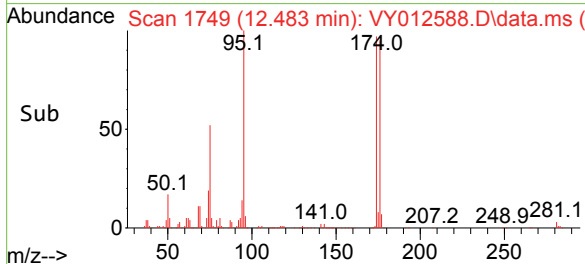
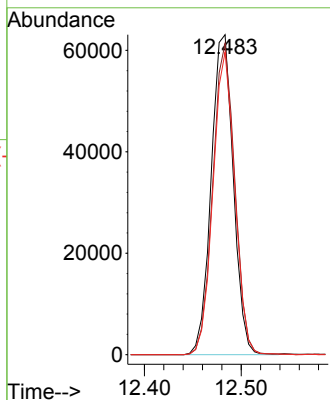
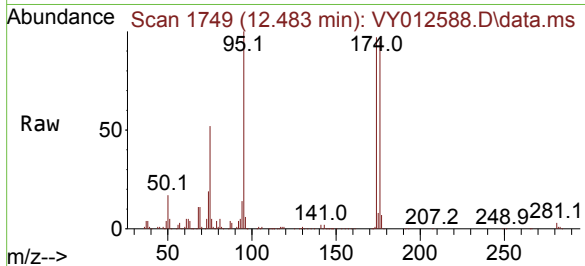




#62
4-Bromofluorobenzene
Concen: 38.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

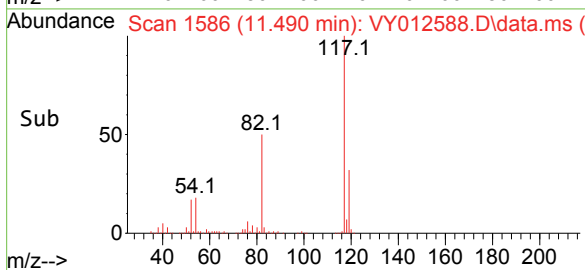
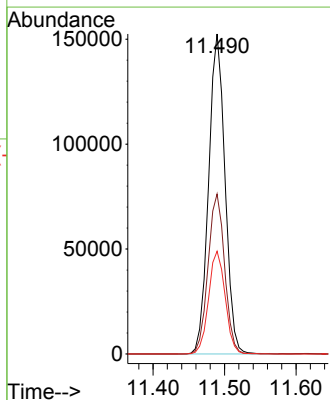
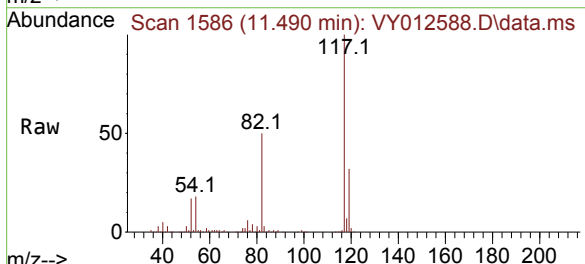
Instrument :
MSVOA_Y
ClientSampleId :
VOC-GRAB-36

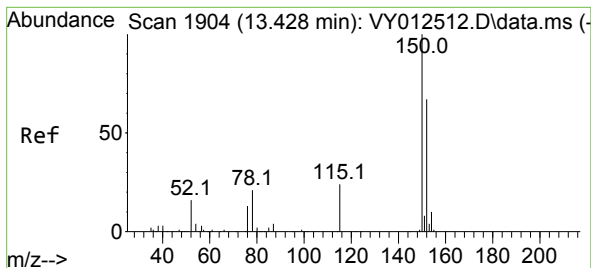
Tgt Ion: 95 Resp: 100309
Ion Ratio Lower Upper
95 100
174 96.5 0.0 188.0
176 92.7 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012588.D
Acq: 14 Feb 2023 14:57

Tgt Ion: 117 Resp: 242695
Ion Ratio Lower Upper
117 100
82 50.0 41.7 62.5
119 32.1 25.8 38.8

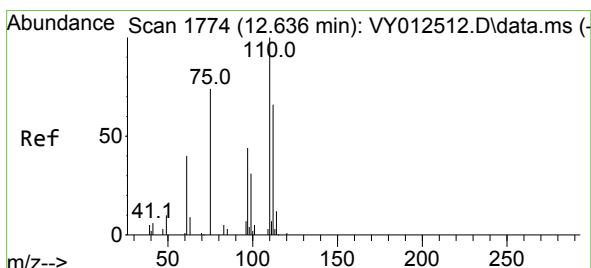
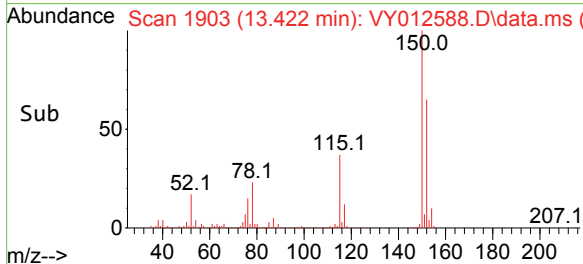
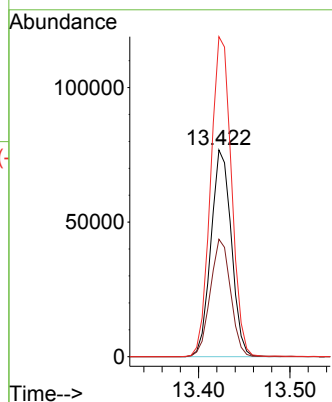
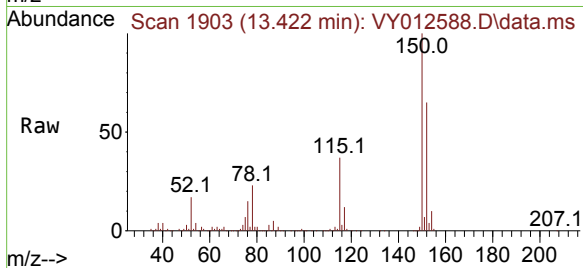




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY012588.D
 Acq: 14 Feb 2023 14:57

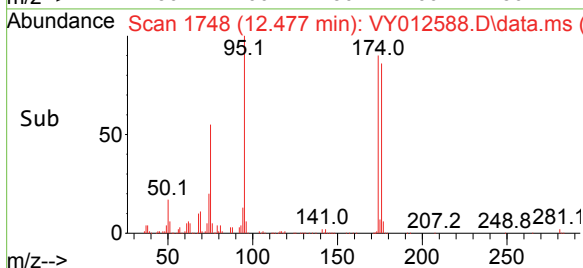
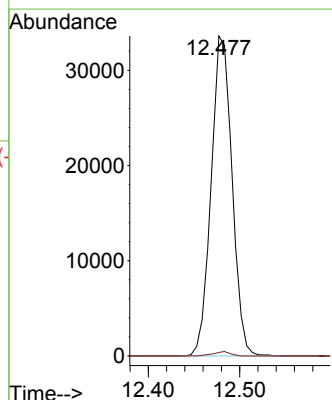
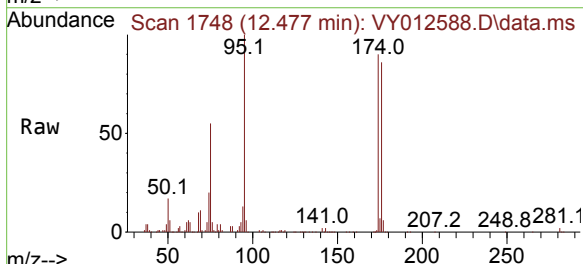
Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-GRAB-36

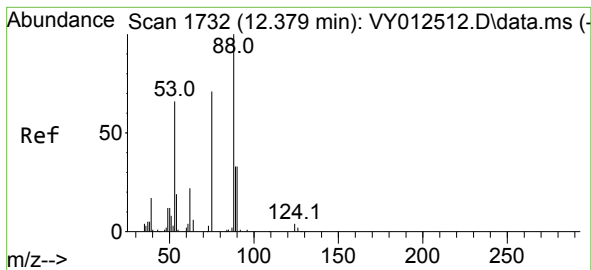
Tgt Ion:152 Resp: 119117
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.1 84.3
 150 157.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 40.145 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.158 min
 Lab File: VY012588.D
 Acq: 14 Feb 2023 14:57

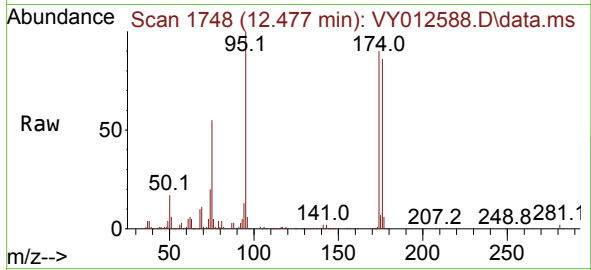
Tgt Ion: 75 Resp: 53426
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.530 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY012588.D
 Acq: 14 Feb 2023 14:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-GRAB-36



Tgt Ion:	75	Resp:	53426
Ion	Ratio	Lower	Upper
75	100		
53	0.1	73.1	109.7#
89	0.0	39.9	59.9#

