

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021523\
 Data File : VY012606.D
 Acq On : 15 Feb 2023 11:46
 Operator : KP/MD
 Sample : 01552-15
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

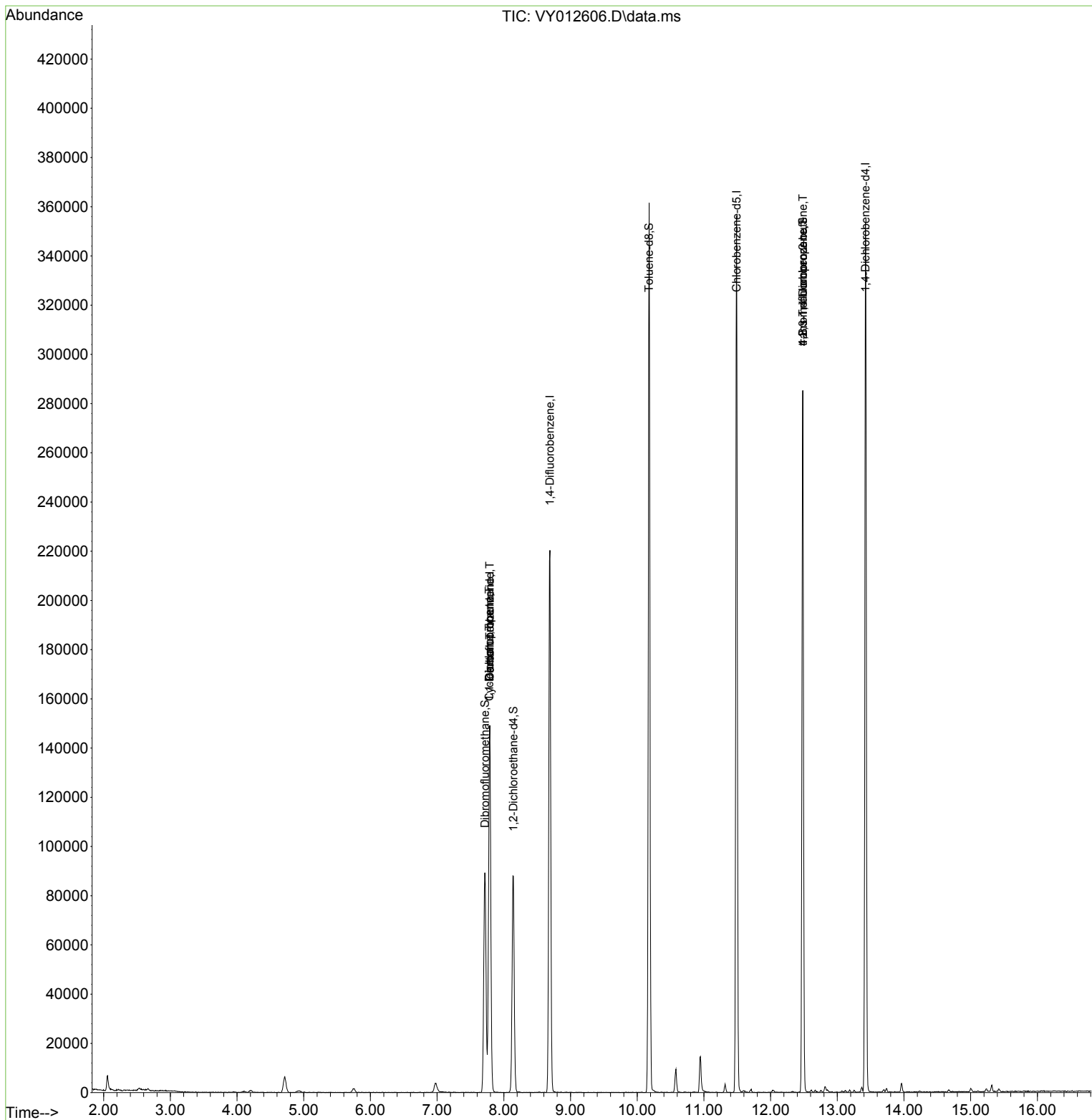
Quant Time: Feb 16 00:52:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

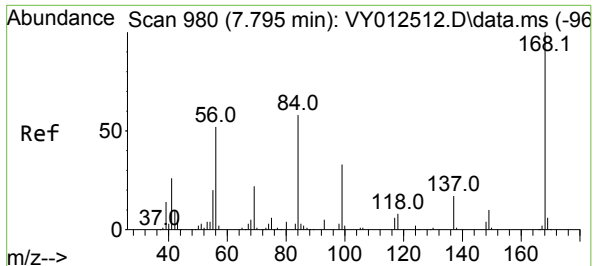
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	121913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201862	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73796	47.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.200%
35) Dibromofluoromethane	7.716	113	61355	41.736	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.480%
50) Toluene-d8	10.179	98	238960	39.053	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	78.100%
62) 4-Bromofluorobenzene	12.483	95	80489	37.712	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	75.420%
Target Compounds						
					Qvalue	
5) Bromomethane	2.662	94	310	Below Cal	#	69
11) Tert butyl alcohol	4.917	59	428	Below Cal	#	75
20) Methylene Chloride	4.716	84	5194	Below Cal		92
31) Cyclohexane	7.783	56	2028	1.131	ug/l #	26
36) 1,1-Dichloropropene	7.783	75	7683	3.862	ug/l #	50
38) Carbon Tetrachloride	7.789	117	11544	4.322	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	42656	38.115	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42656	85.952	ug/l #	12

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

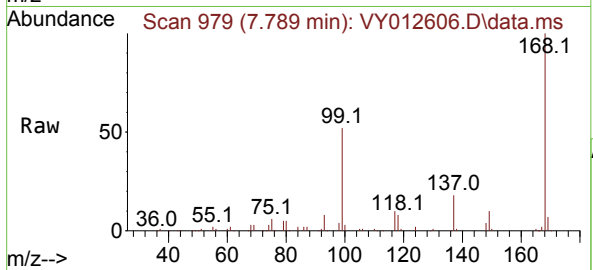
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 01:09:03 2023
Response via : Initial Calibration



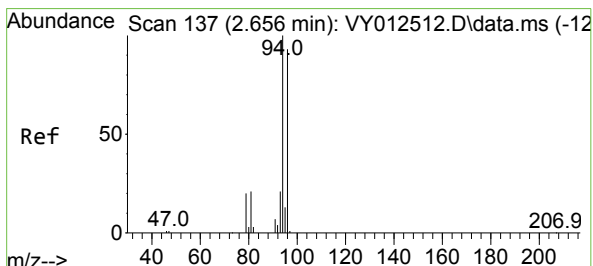
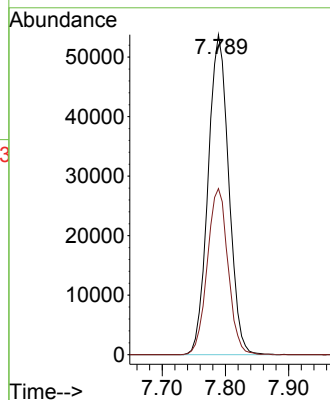
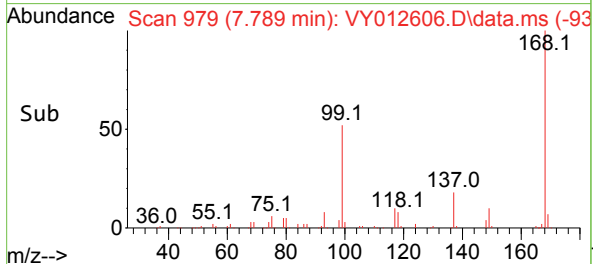


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

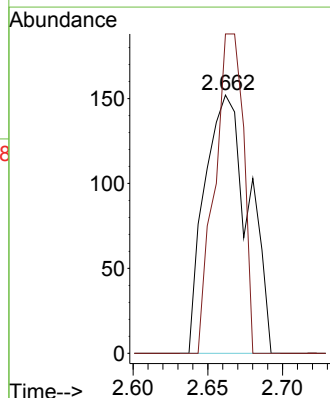
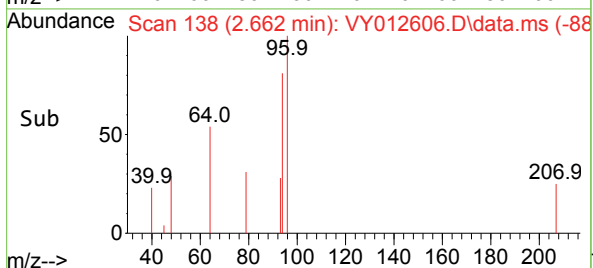
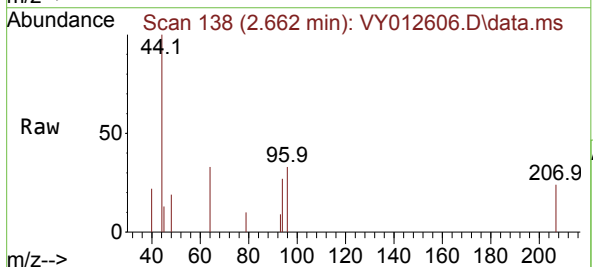


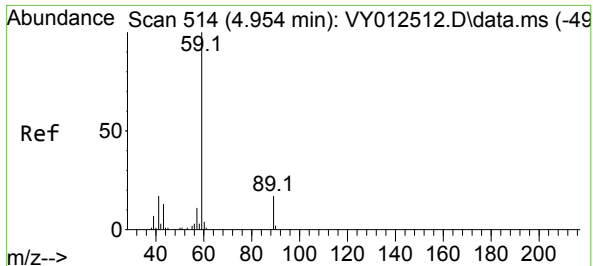
Tgt Ion:168 Resp: 121913
Ion Ratio Lower Upper
168 100
99 51.9 40.8 61.2



#5
Bromomethane
Concen: Below Cal
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

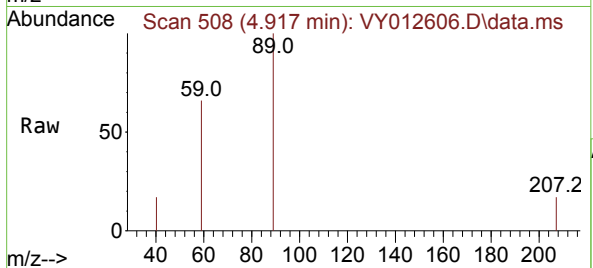
Tgt Ion: 94 Resp: 310
Ion Ratio Lower Upper
94 100
96 123.7 74.7 112.1#



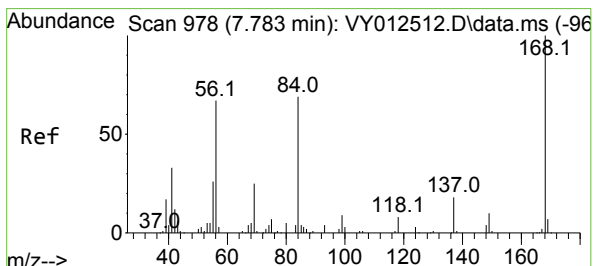
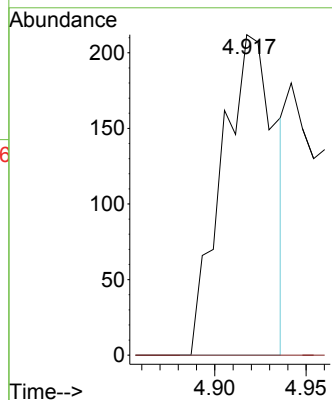
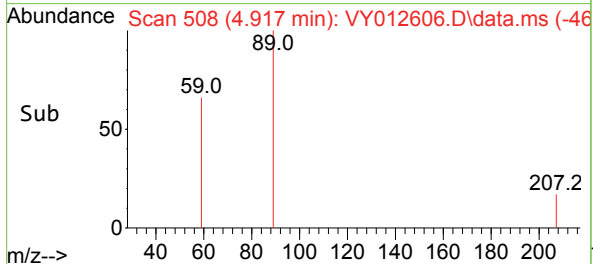


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.037 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

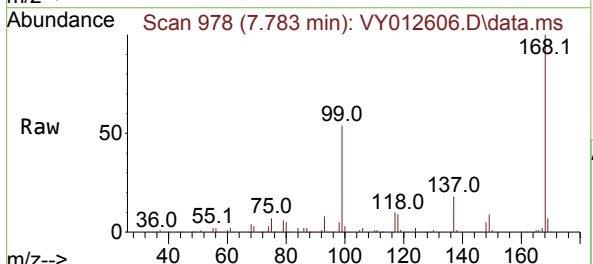
Instrument :
MSVOA_Y
ClientSampleId :



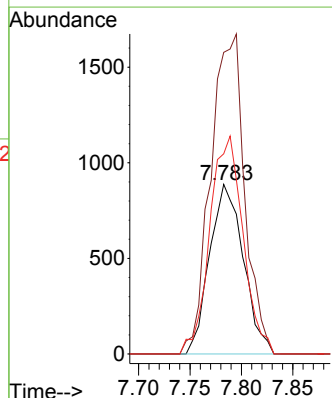
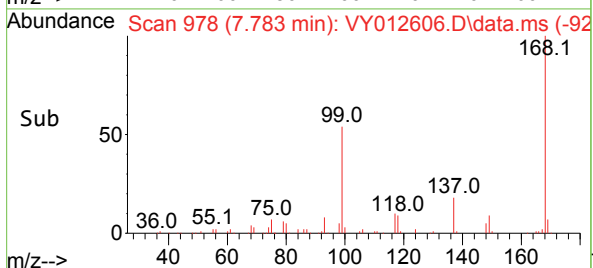
Tgt Ion: 59 Resp: 428
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

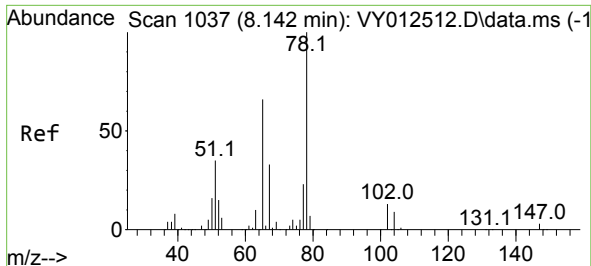


#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46



Tgt Ion: 56 Resp: 2028
Ion Ratio Lower Upper
56 100
69 177.9 29.5 44.3#
84 118.0 81.9 122.9





#33

1,2-Dichloroethane-d4

Concen: 47.602 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY012606.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_Y

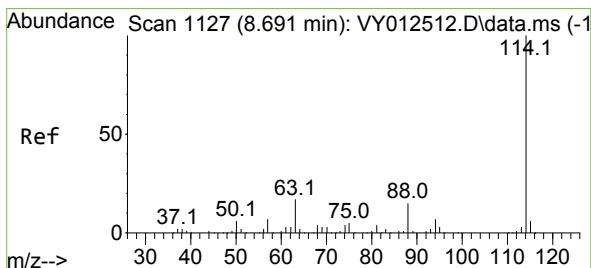
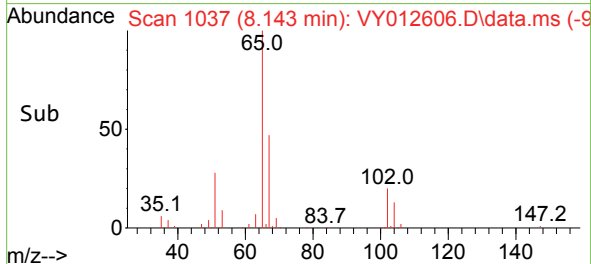
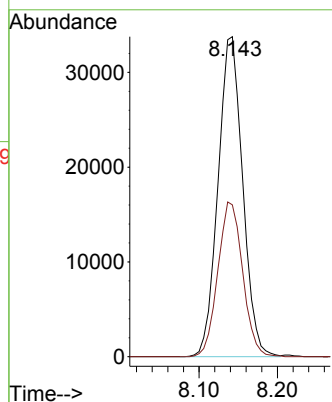
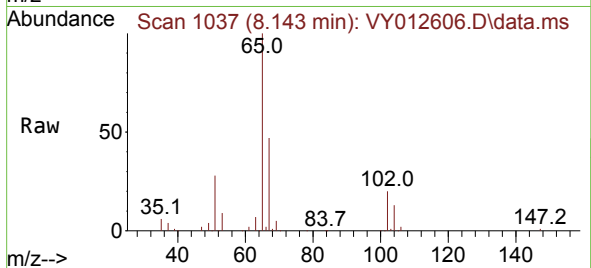
ClientSampleId :

Tgt Ion: 65 Resp: 73796

Ion Ratio Lower Upper

65 100

67 48.7 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: VY012606.D

Acq: 15 Feb 2023 11:46

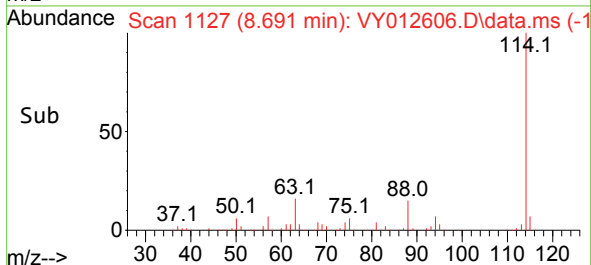
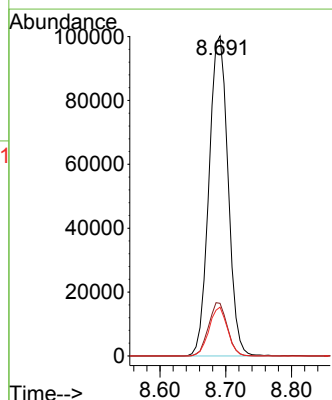
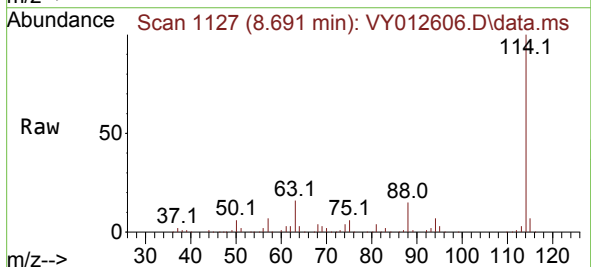
Tgt Ion: 114 Resp: 201862

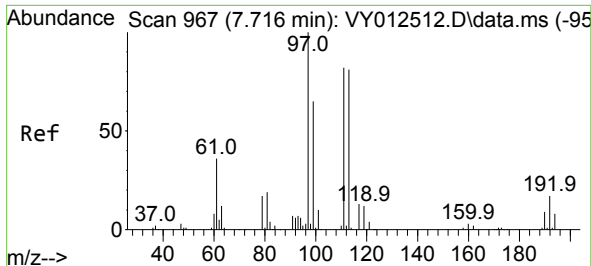
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.6

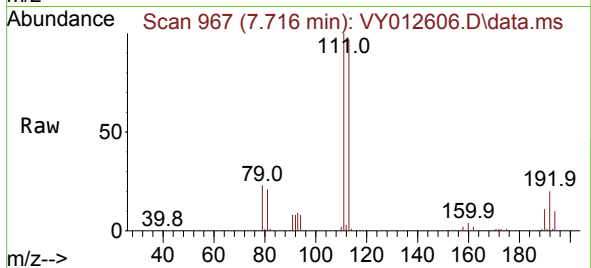
88 15.2 0.0 29.8



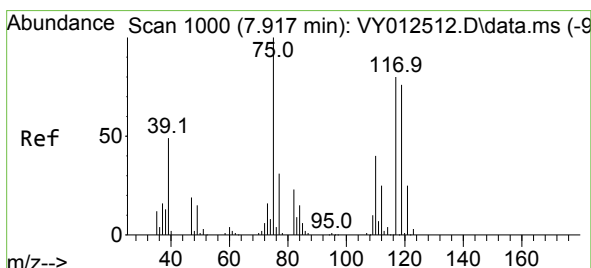
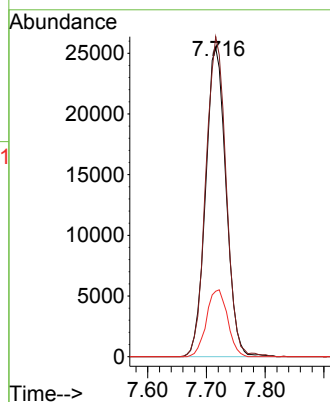
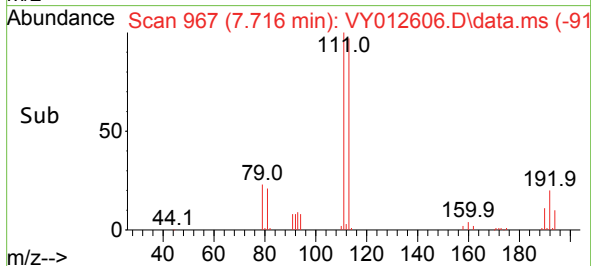


#35
Dibromofluoromethane
Concen: 41.736 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

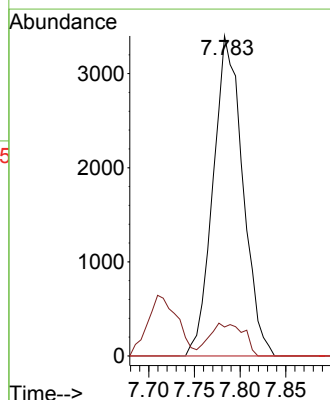
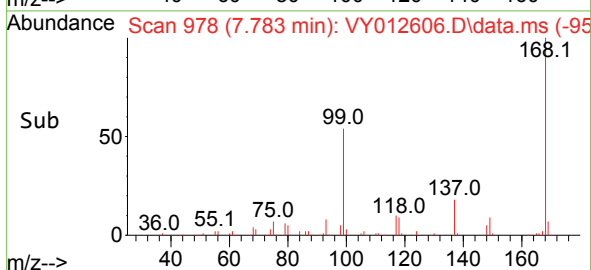
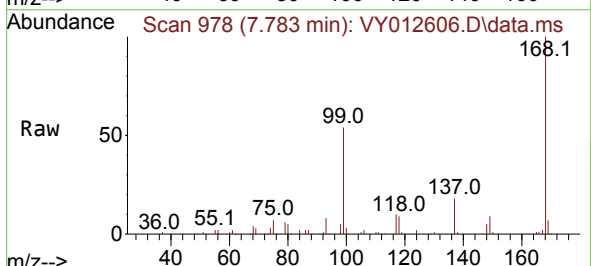


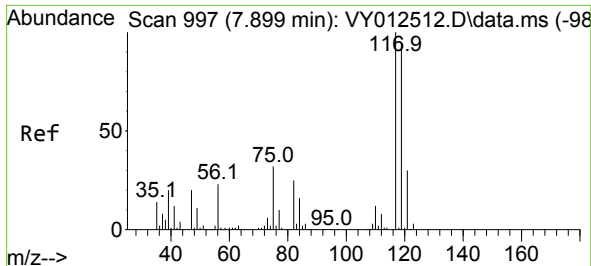
Tgt Ion:113 Resp: 61355
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 22.4 17.5 26.3



#36
1,1-Dichloropropene
Concen: 3.862 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

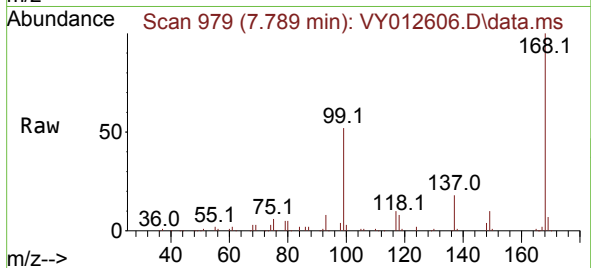
Tgt Ion: 75 Resp: 7683
Ion Ratio Lower Upper
75 100
110 11.7 19.5 58.5#
77 0.0 24.9 37.3#



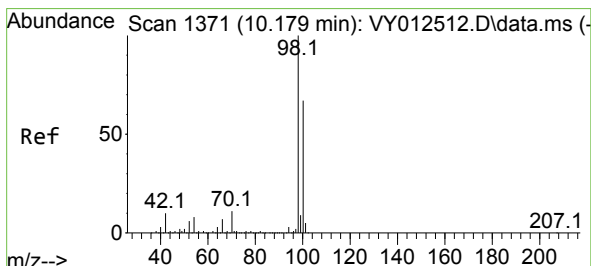
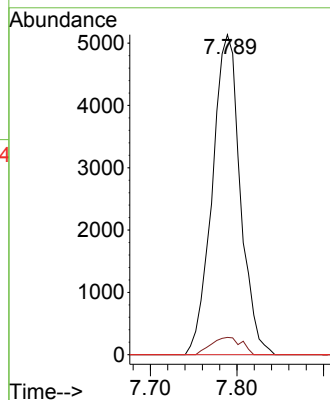
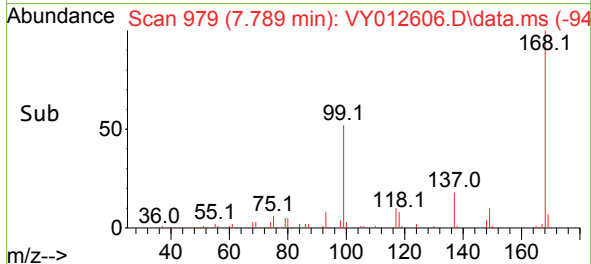


#38
Carbon Tetrachloride
Concen: 4.322 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Instrument :
MSVOA_Y
ClientSampleId :

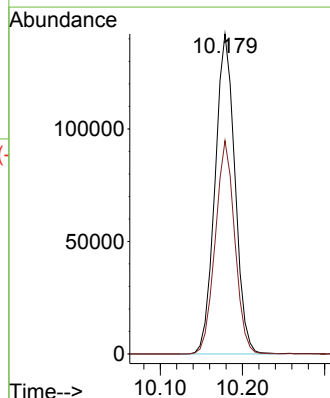
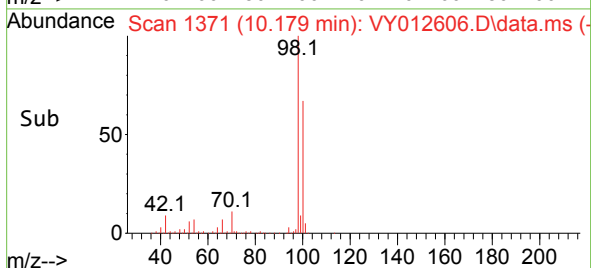
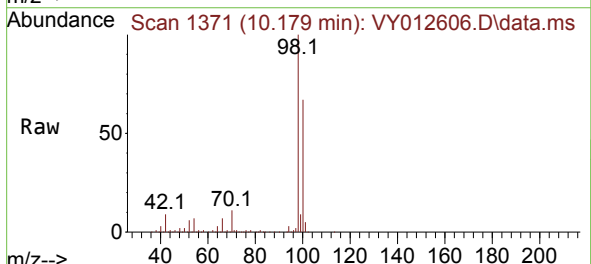


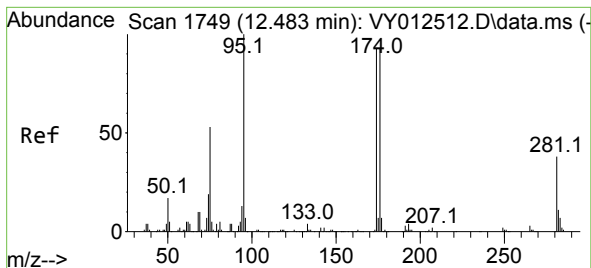
Tgt Ion:117 Resp: 11544
Ion Ratio Lower Upper
117 100
119 5.4 75.1 112.7#
121 0.0 24.3 36.5#



#50
Toluene-d8
Concen: 39.053 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 98 Resp: 238960
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.2

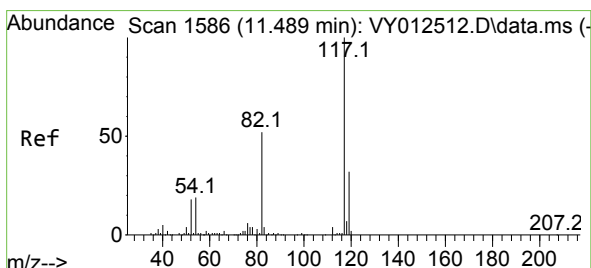
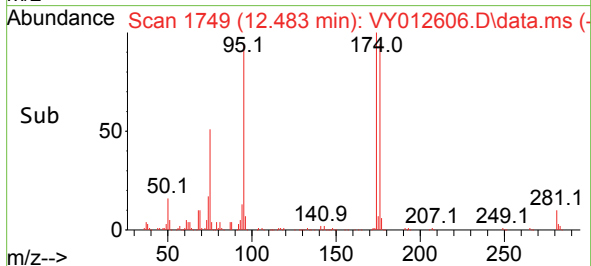
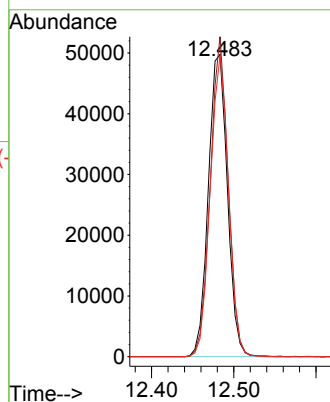
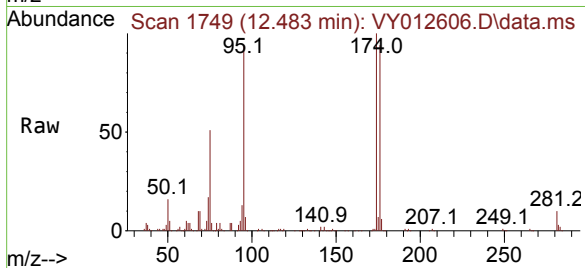




#62
4-Bromofluorobenzene
Concen: 37.712 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

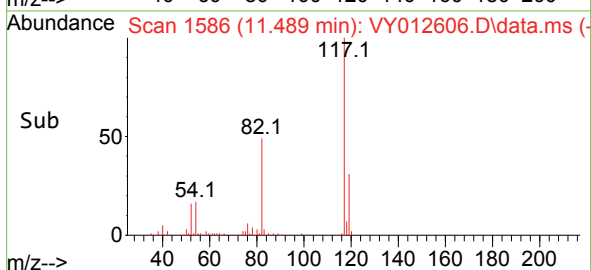
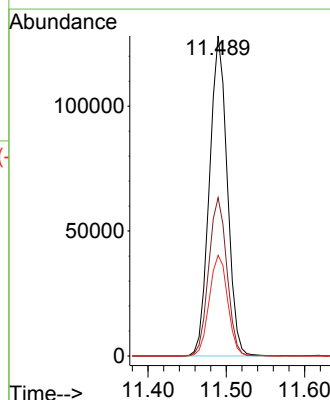
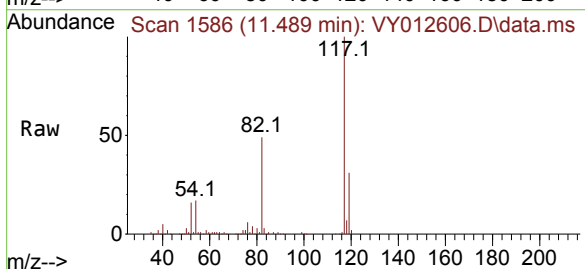
Instrument :
MSVOA_Y
ClientSampleId :

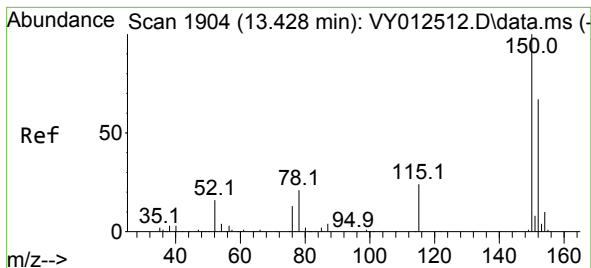
Tgt Ion: 95 Resp: 80489
Ion Ratio Lower Upper
95 100
174 99.2 0.0 188.0
176 95.2 0.0 183.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY012606.D
Acq: 15 Feb 2023 11:46

Tgt Ion: 117 Resp: 202066
Ion Ratio Lower Upper
117 100
82 49.5 41.7 62.5
119 31.5 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: VY012606.D

Acq: 15 Feb 2023 11:46

Instrument :

MSVOA_Y

ClientSampleId :

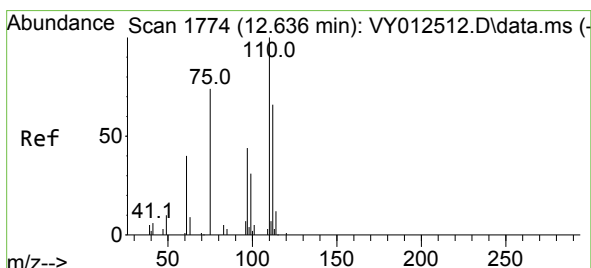
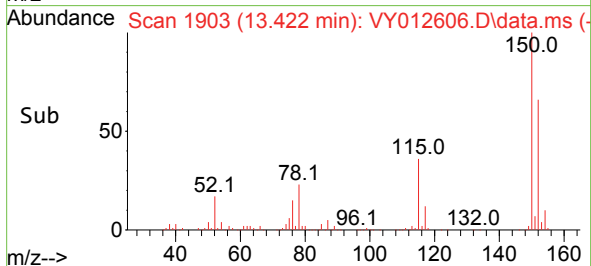
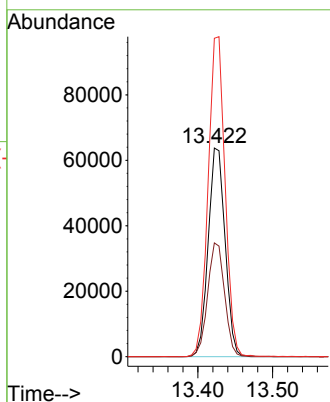
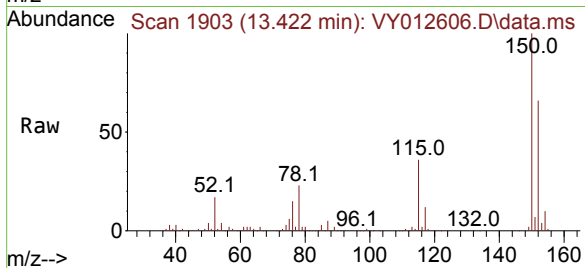
Tgt Ion:152 Resp: 100170

Ion Ratio Lower Upper

152 100

115 54.6 28.1 84.3

150 153.5 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 38.115 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY012606.D

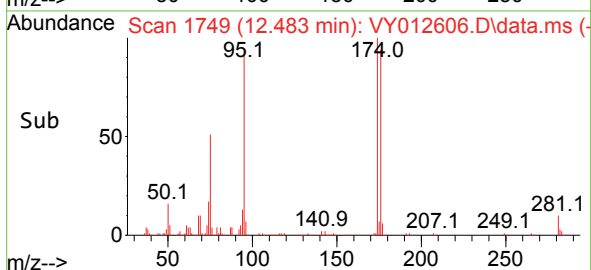
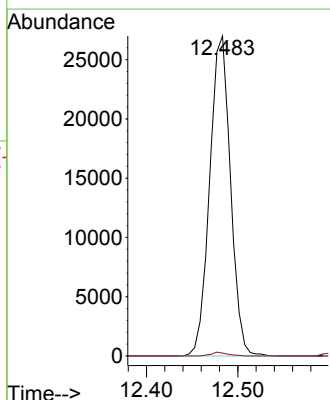
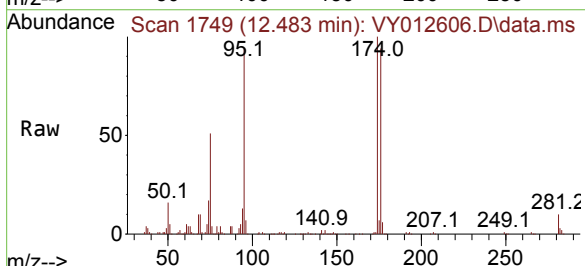
Acq: 15 Feb 2023 11:46

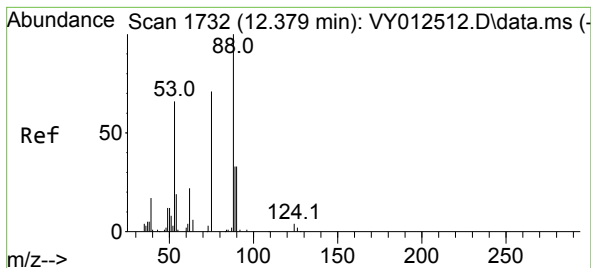
Tgt Ion: 75 Resp: 42656

Ion Ratio Lower Upper

75 100

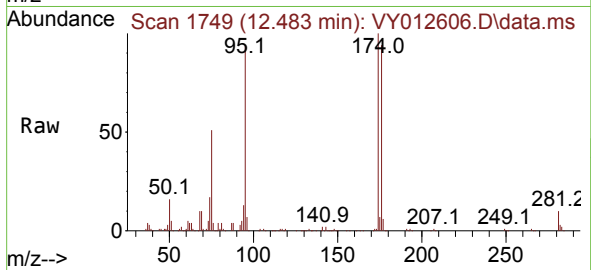
77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.952 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY012606.D
 Acq: 15 Feb 2023 11:46

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 42656
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.1 109.7#
 89 0.1 39.9 59.9#

