

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042924\
 Data File : VY018084.D
 Acq On : 29 Apr 2024 21:28
 Operator : SY/MD
 Sample : P2307-07
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

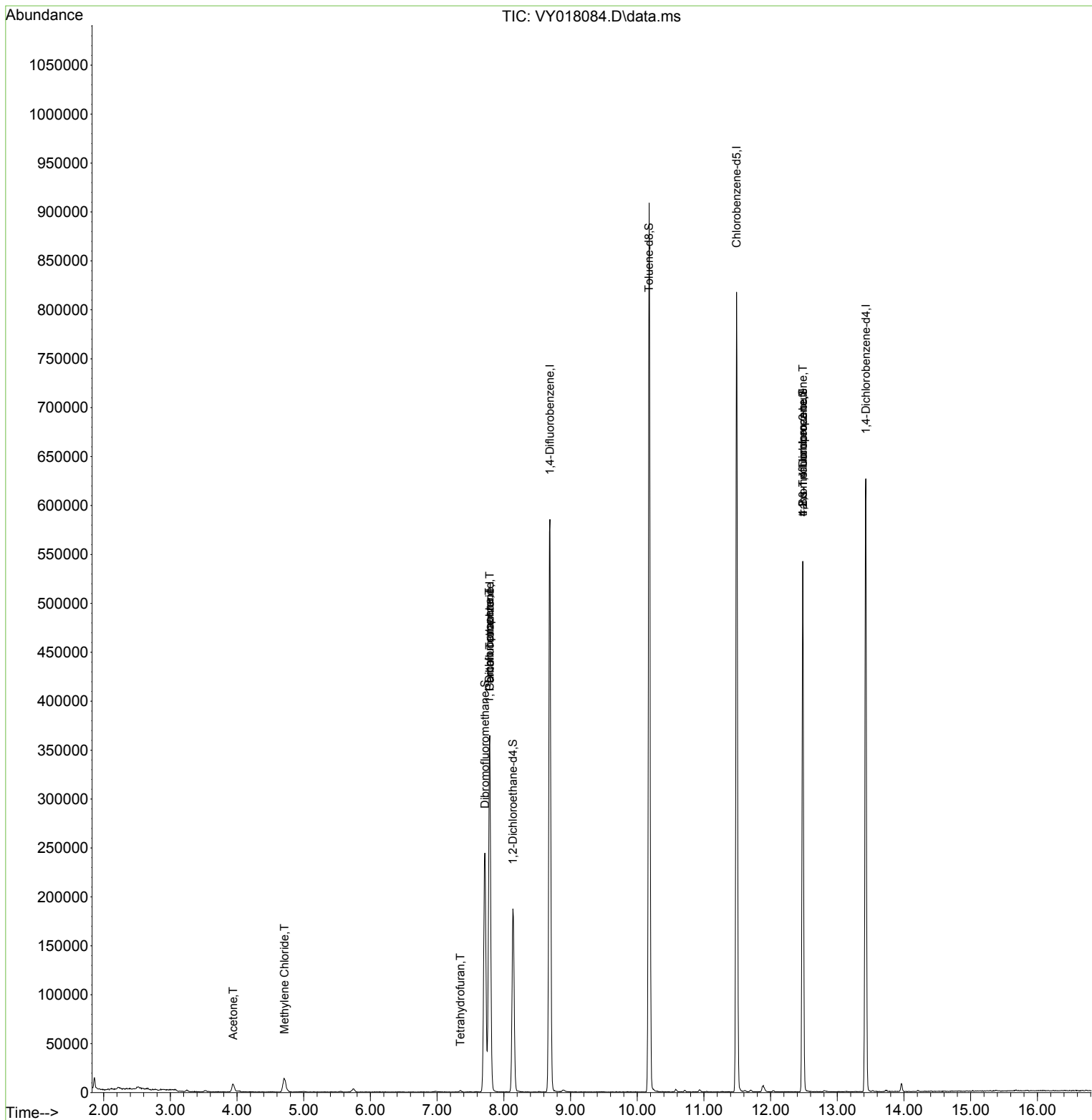
Quant Time: Apr 30 01:05:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

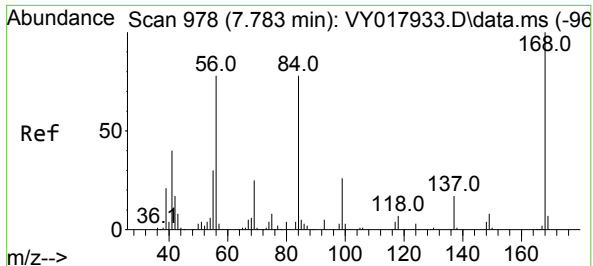
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	310976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	559588	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	490870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	140706	52.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.580%	
35) Dibromofluoromethane	7.716	113	179612	52.026	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.060%	
50) Toluene-d8	10.179	98	630259	48.112	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.220%	
62) 4-Bromofluorobenzene	12.483	95	164460	40.537	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.080%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	284	Below Cal	#	88
16) Acetone	3.942	43	14316	26.923	ug/l	98
20) Methylene Chloride	4.710	84	12195	3.385	ug/l	94
29) Tetrahydrofuran	7.350	42	992	2.000	ug/l	92
36) 1,1-Dichloropropene	7.783	75	20060	3.995	ug/l #	48
38) Carbon Tetrachloride	7.789	117	26551	5.234	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	76527	45.821	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	76527	94.475	ug/l #	16

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

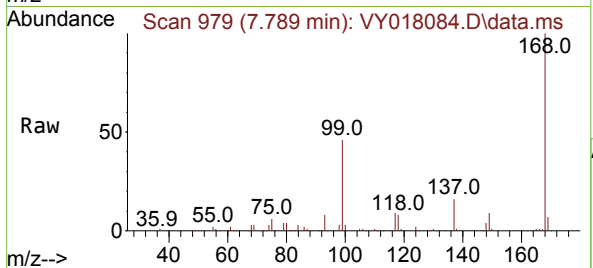
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 17 06:24:42 2024
Response via : Initial Calibration



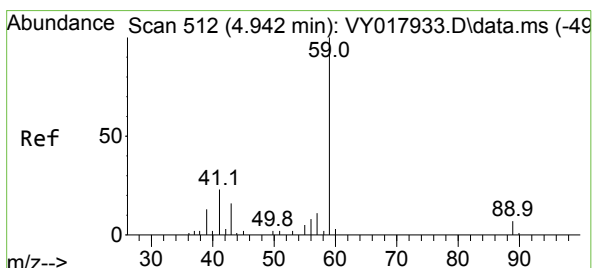
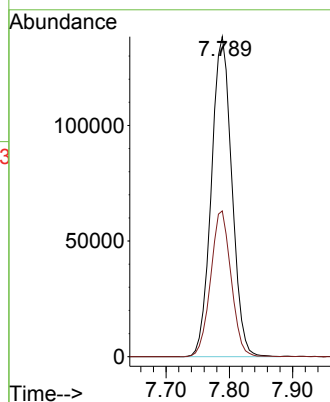
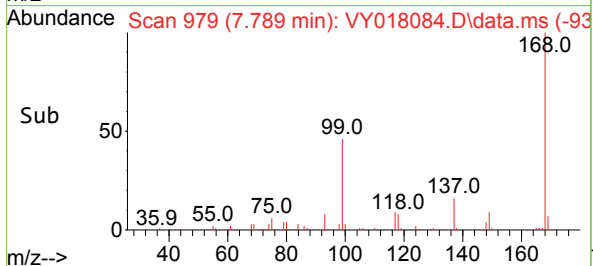


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018084.D
Acq: 29 Apr 2024 21:28

Instrument :
MSVOA_Y
ClientSampleId :

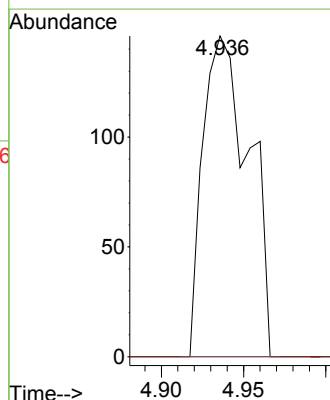
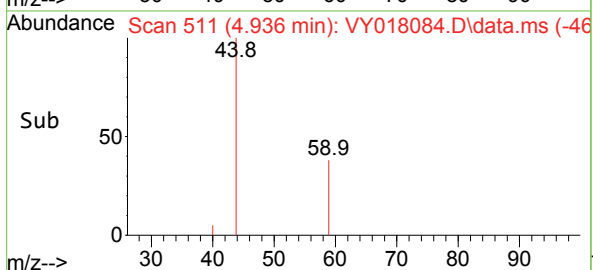
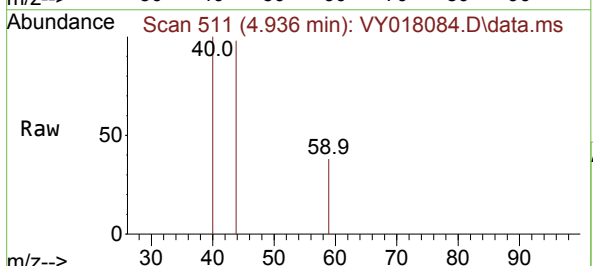


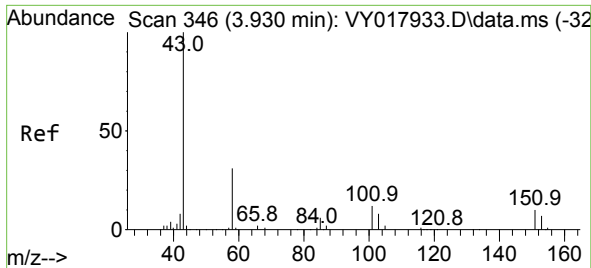
Tgt Ion:168 Resp: 310976
Ion Ratio Lower Upper
168 100
99 45.6 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.018 min
Lab File: VY018084.D
Acq: 29 Apr 2024 21:28

Tgt Ion: 59 Resp: 284
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 26.923 ug/l

RT: 3.942 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

Instrument :

MSVOA_Y

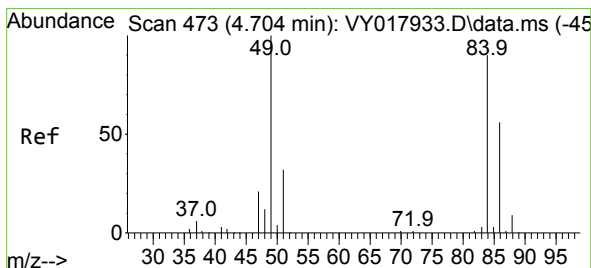
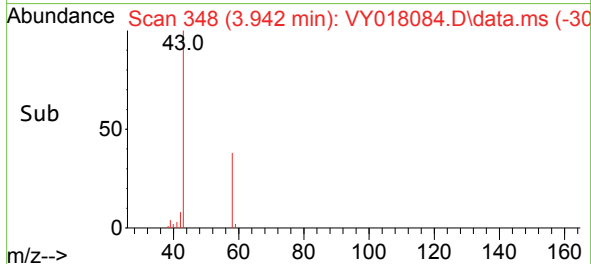
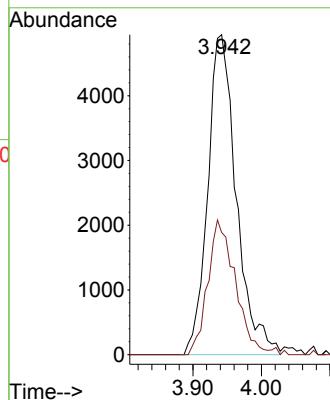
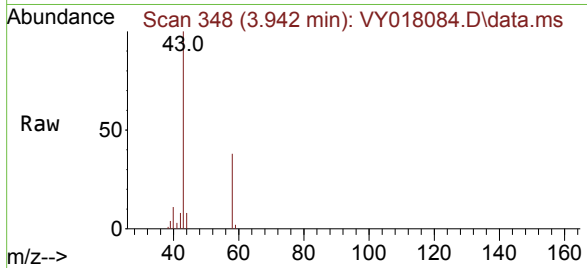
ClientSampleId :

Tgt Ion: 43 Resp: 14316

Ion Ratio Lower Upper

43 100

58 38.2 31.7 47.5



#20

Methylene Chloride

Concen: 3.385 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

Tgt Ion: 84 Resp: 12195

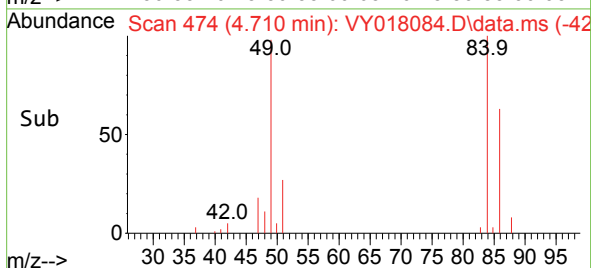
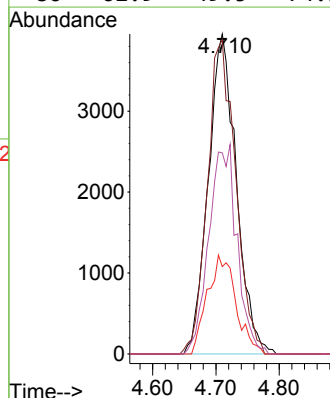
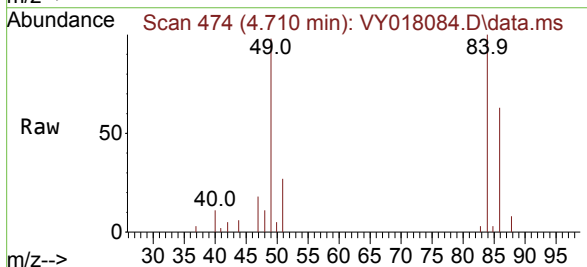
Ion Ratio Lower Upper

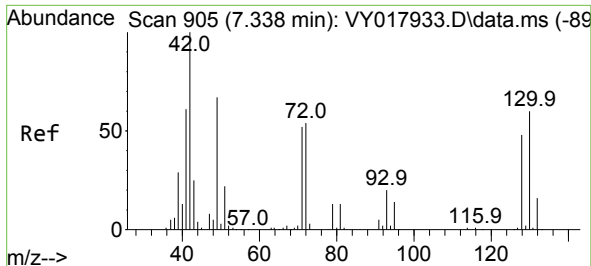
84 100

49 98.2 84.4 126.6

51 27.3 26.0 39.0

86 62.9 49.5 74.3





#29

Tetrahydrofuran

Concen: 2.000 ug/l

RT: 7.350 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

Instrument :

MSVOA_Y

ClientSampleId :

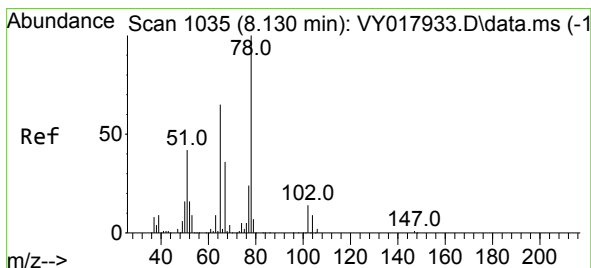
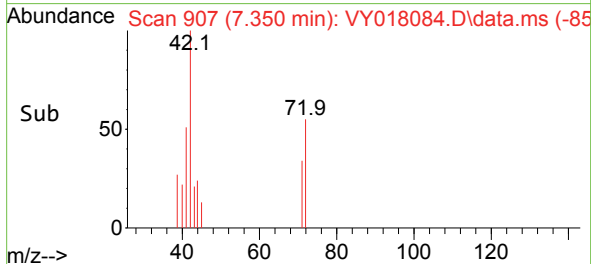
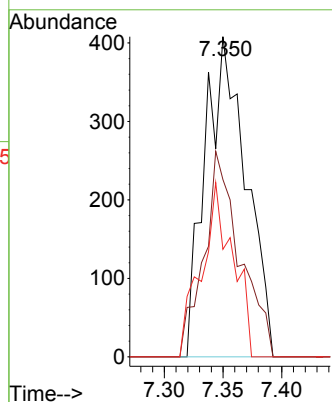
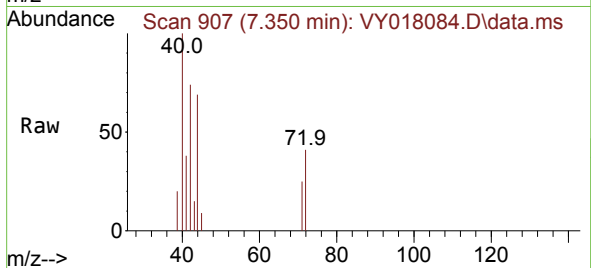
Tgt Ion: 42 Resp: 992

Ion Ratio Lower Upper

42 100

72 56.4 43.0 64.4

71 41.6 40.8 61.2



#33

1,2-Dichloroethane-d4

Concen: 52.286 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY018084.D

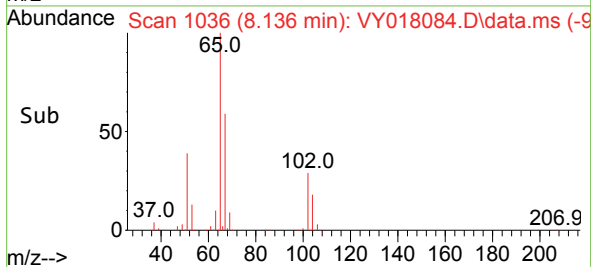
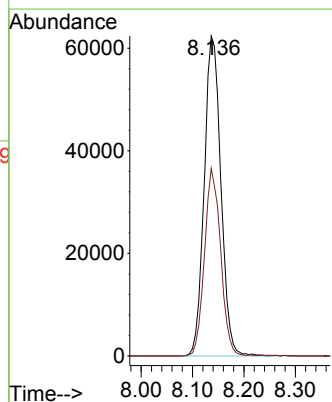
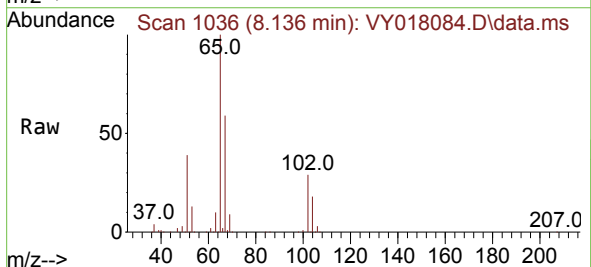
Acq: 29 Apr 2024 21:28

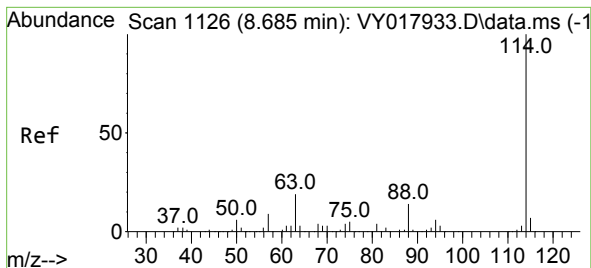
Tgt Ion: 65 Resp: 140706

Ion Ratio Lower Upper

65 100

67 56.7 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

Instrument :

MSVOA_Y

ClientSampleId :

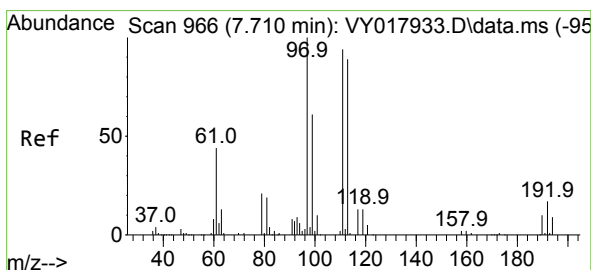
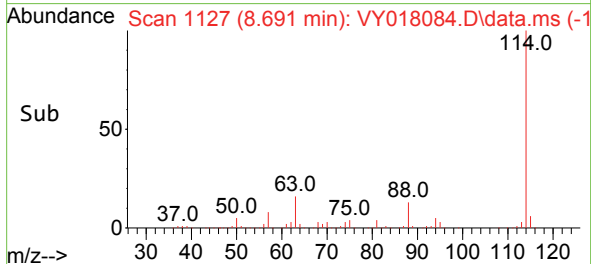
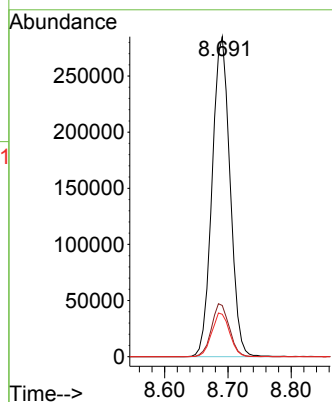
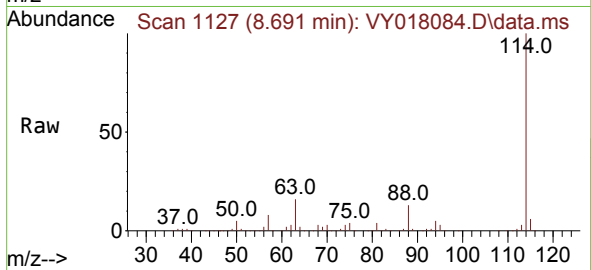
Tgt Ion:114 Resp: 559588

Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.026 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

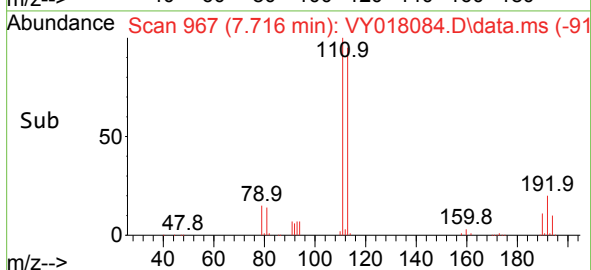
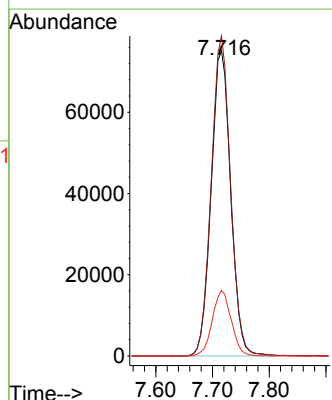
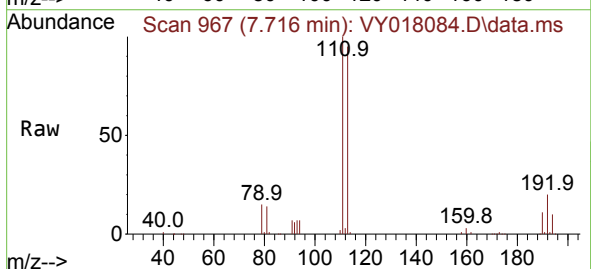
Tgt Ion:113 Resp: 179612

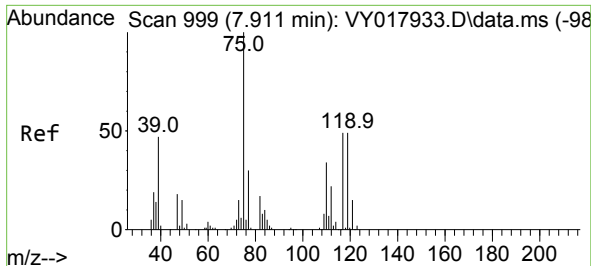
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

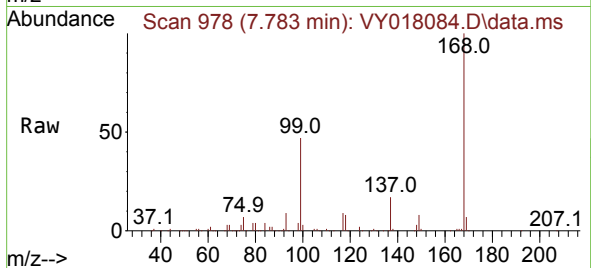
192 20.8 15.9 23.9



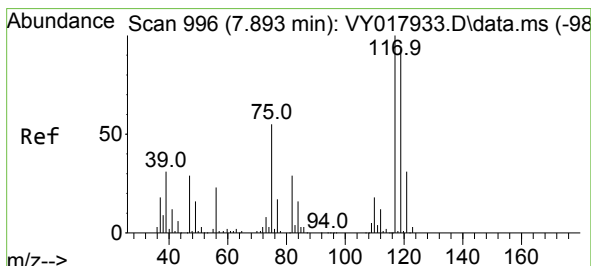
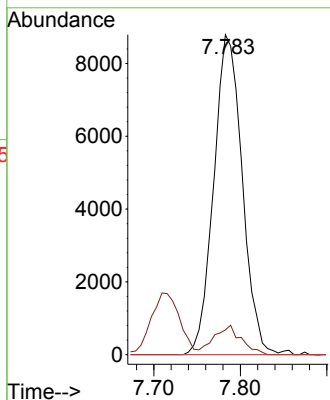
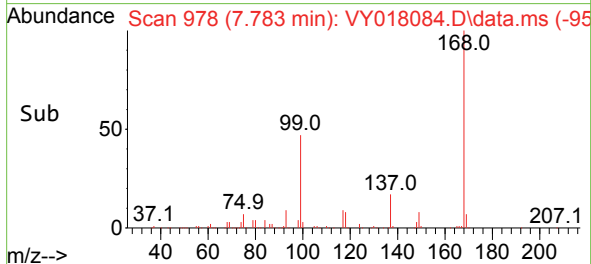


#36
 1,1-Dichloropropene
 Concen: 3.995 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018084.D
 Acq: 29 Apr 2024 21:28

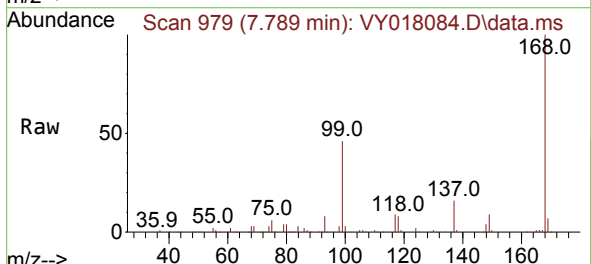
Instrument :
 MSVOA_Y
 ClientSampleId :



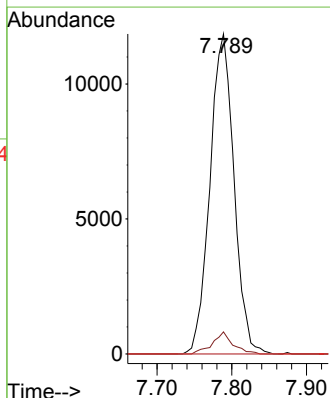
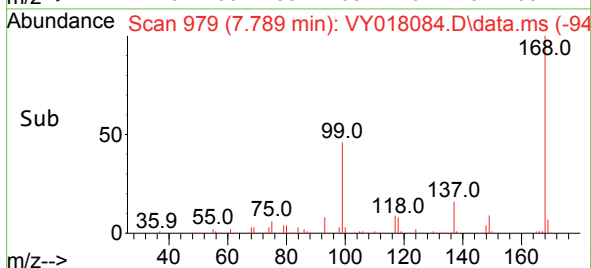
Tgt Ion: 75 Resp: 20060
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.0 57.0#
 77 0.0 25.3 37.9#

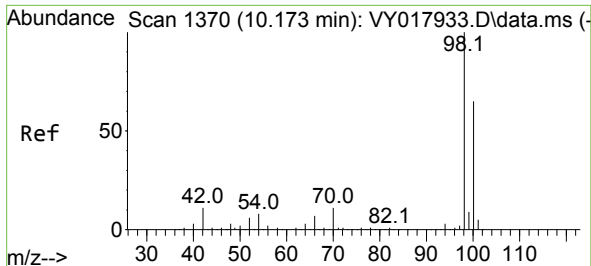


#38
 Carbon Tetrachloride
 Concen: 5.234 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.116 min
 Lab File: VY018084.D
 Acq: 29 Apr 2024 21:28



Tgt Ion: 117 Resp: 26551
 Ion Ratio Lower Upper
 117 100
 119 6.9 75.8 113.6#
 121 0.0 24.0 36.0#

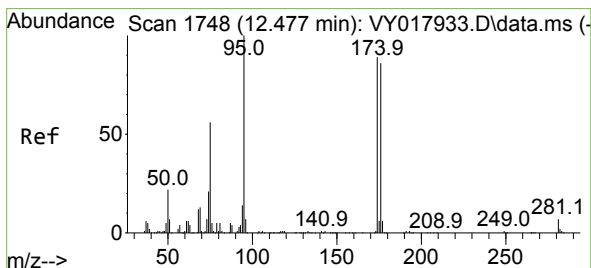
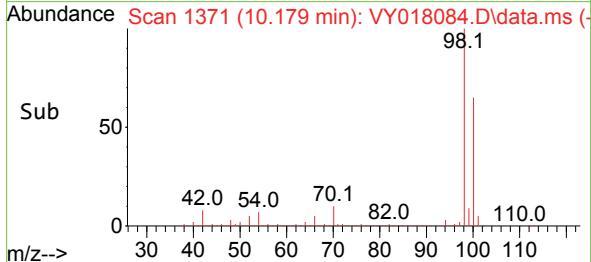
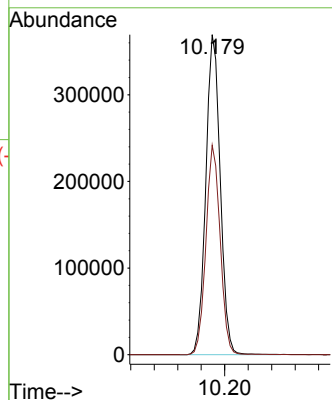
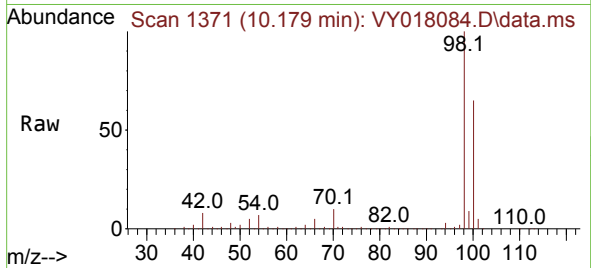




#50
Toluene-d8
Concen: 48.112 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018084.D
Acq: 29 Apr 2024 21:28

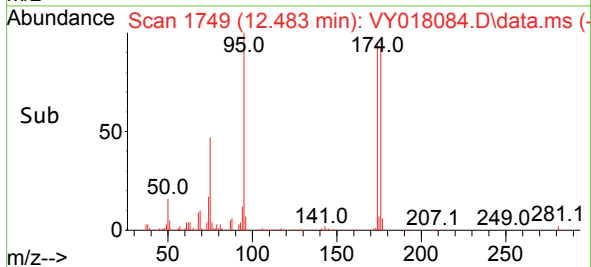
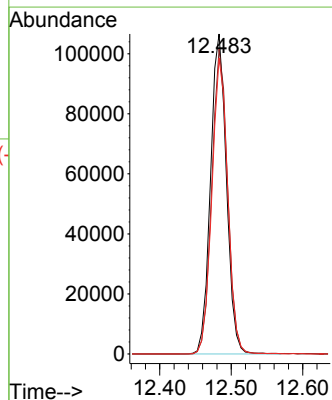
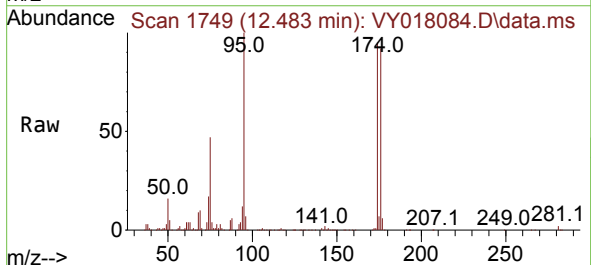
Instrument :
MSVOA_Y
ClientSampleId :

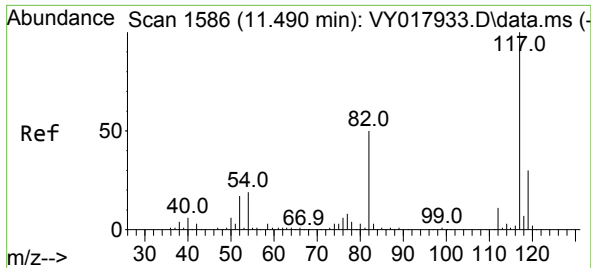
Tgt Ion: 98 Resp: 630259
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.537 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018084.D
Acq: 29 Apr 2024 21:28

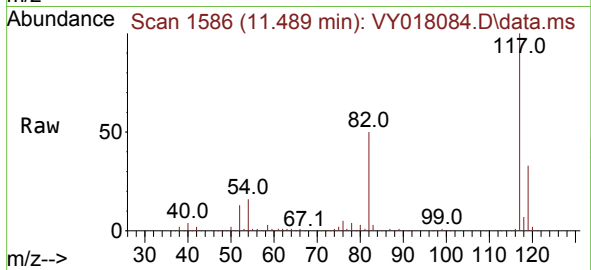
Tgt Ion: 95 Resp: 164460
Ion Ratio Lower Upper
95 100
174 95.3 0.0 175.6
176 92.3 0.0 171.4



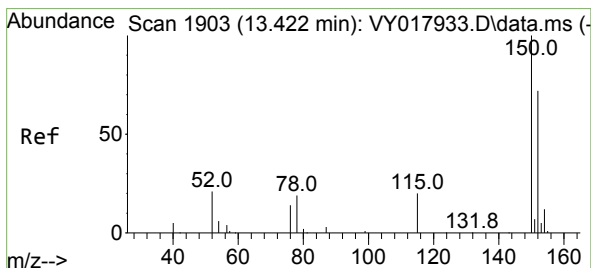
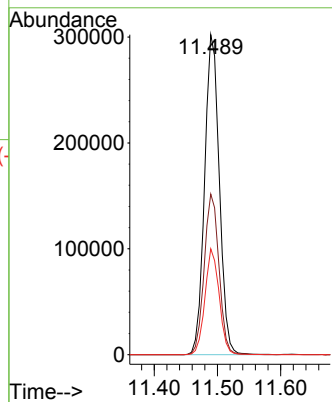
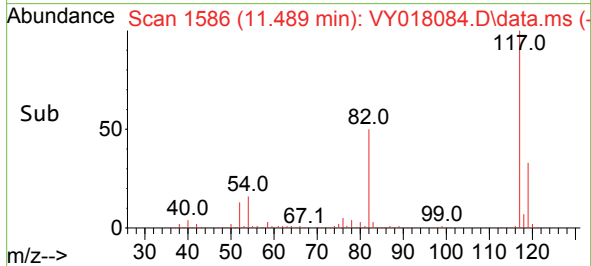


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018084.D
Acq: 29 Apr 2024 21:28

Instrument :
MSVOA_Y
ClientSampleId :

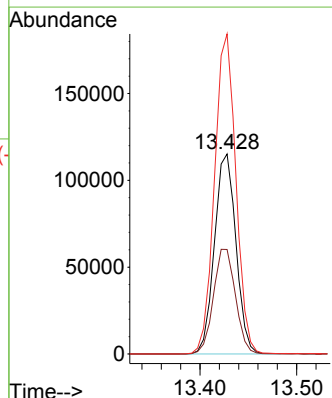
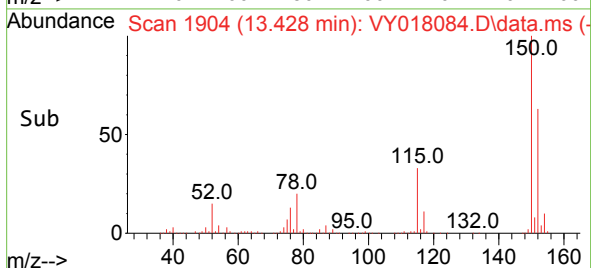
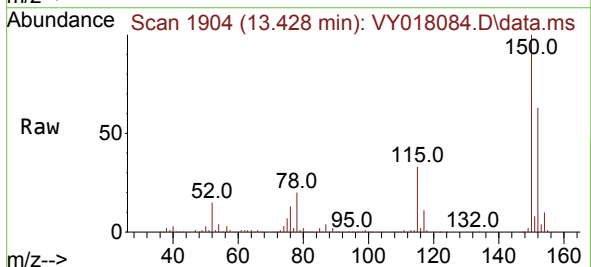


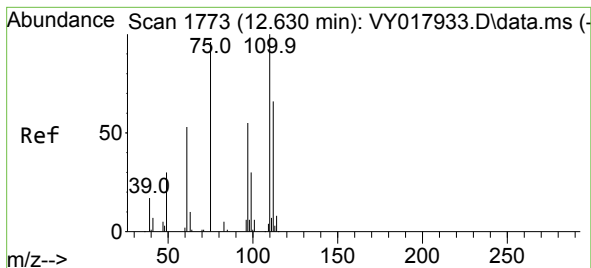
Tgt Ion:117 Resp: 490870
Ion Ratio Lower Upper
117 100
82 50.2 42.4 63.6
119 33.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY018084.D
Acq: 29 Apr 2024 21:28

Tgt Ion:152 Resp: 177979
Ion Ratio Lower Upper
152 100
115 53.8 28.2 84.7
150 158.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 45.821 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

Instrument :

MSVOA_Y

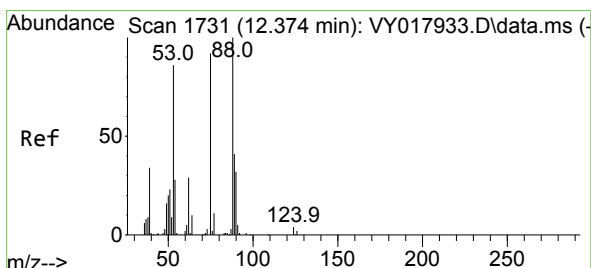
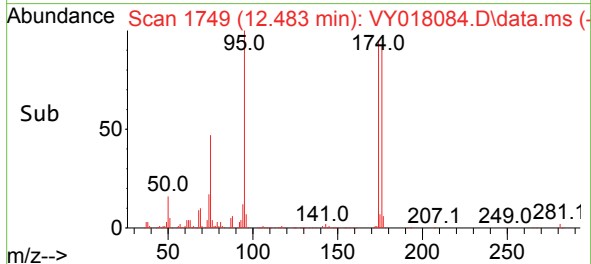
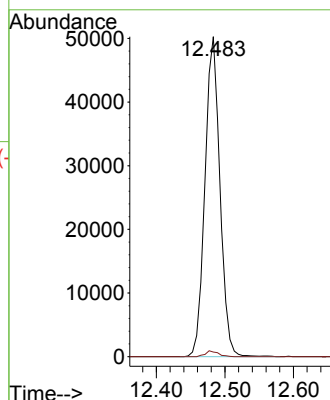
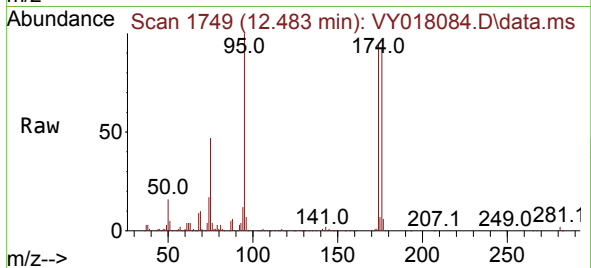
ClientSampleId :

Tgt Ion: 75 Resp: 76527

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 94.475 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018084.D

Acq: 29 Apr 2024 21:28

Tgt Ion: 75 Resp: 76527

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.0 35.8 53.6#

