

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017970.D
 Acq On : 18 Apr 2024 12:52
 Operator : SY/MD
 Sample : P2147-05
 Misc : 6.38g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1

Quant Time: Apr 19 02:00:16 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)

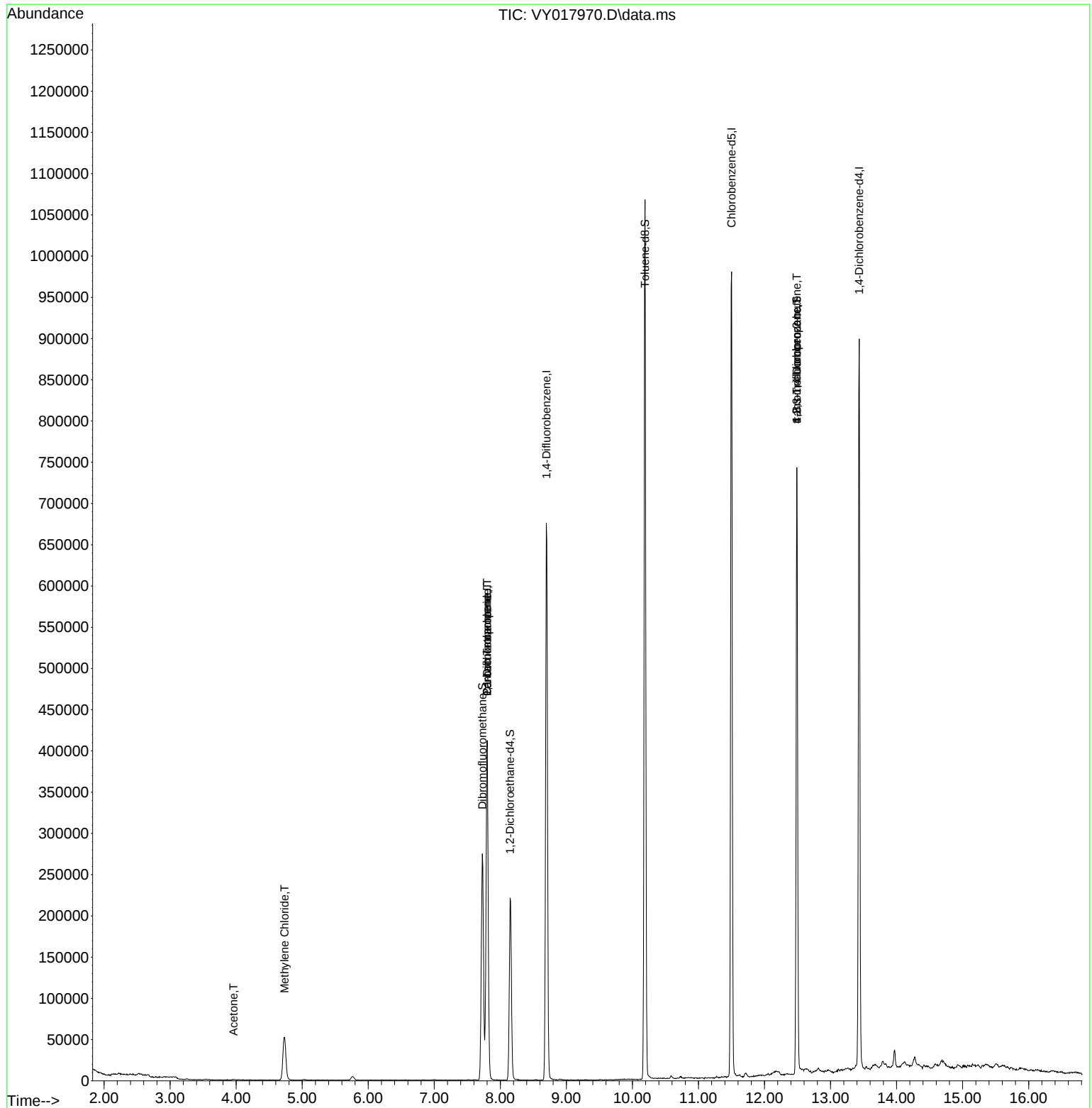
Internal Standards						
1) Pentafluorobenzene	7.801	168	349261	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	627666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	586684	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	242510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	168237	55.66	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.32%
35) Dibromofluoromethane	7.728	113	199936	51.63	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.26%
50) Toluene-d8	10.191	98	731960	49.82	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.64%
62) 4-Bromofluorobenzene	12.489	95	223283	49.07	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.14%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	124	Below Cal	#	88
16) Acetone	3.960	43	1388	2.32	ug/l	95
20) Methylene Chloride	4.735	84	45052	11.14	ug/l	98
36) 1,1-Dichloropropene	7.801	75	22630	4.02	ug/l #	47
38) Carbon Tetrachloride	7.801	117	30927	5.44	ug/l #	17
76) 1,2,3-Trichloropropane	12.489	75	107803	47.37	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	107803	97.67	ug/l #	16

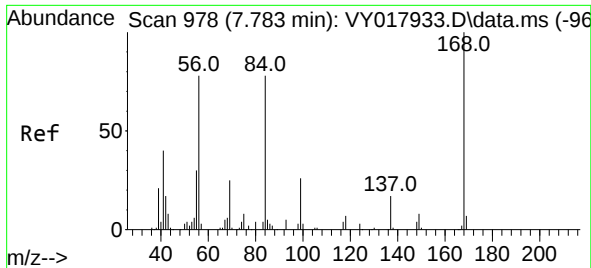
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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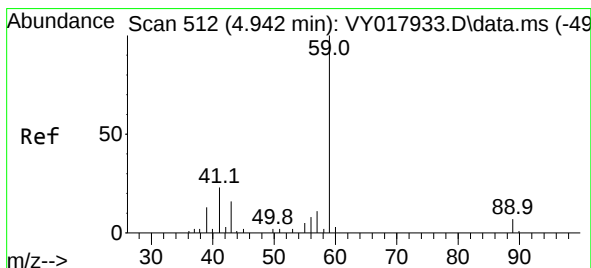
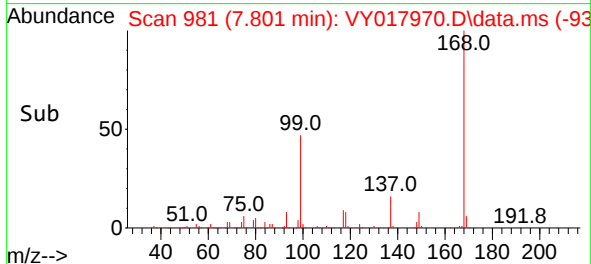
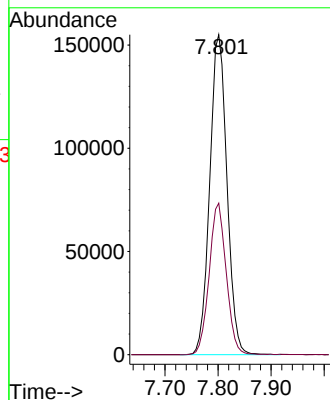
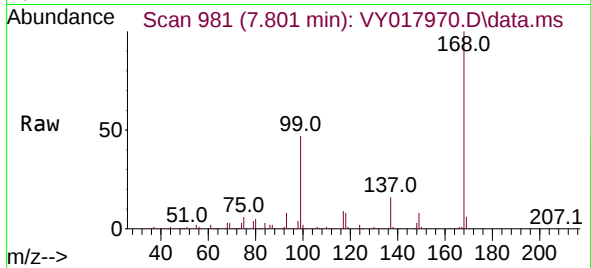




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

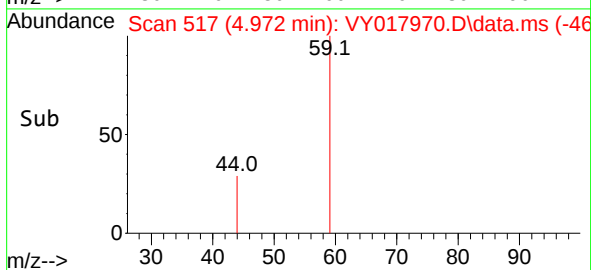
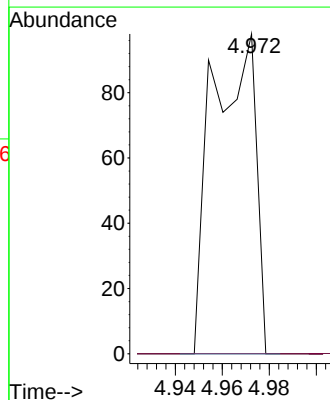
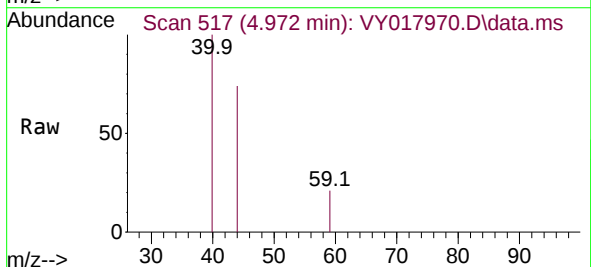
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

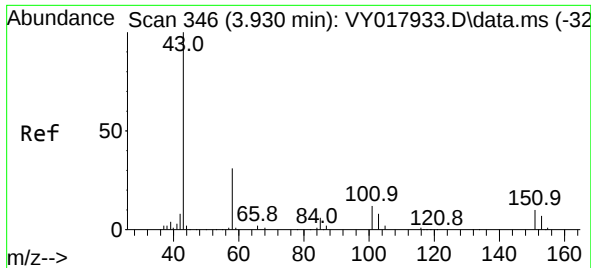
Tgt Ion:168 Resp: 349261
Ion Ratio Lower Upper
168 100
99 47.4 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.972 min Scan# 517
Delta R.T. 0.018 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion: 59 Resp: 124
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.32 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

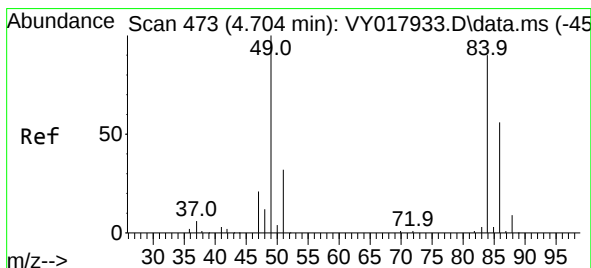
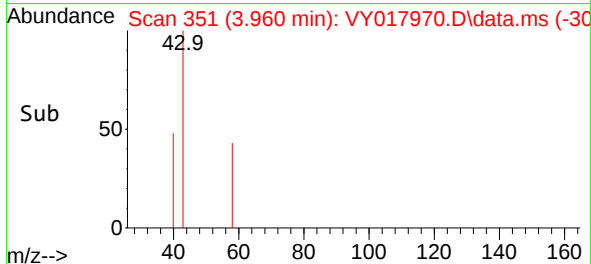
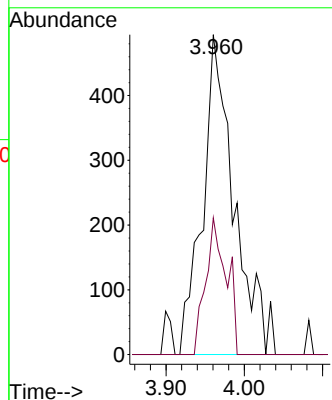
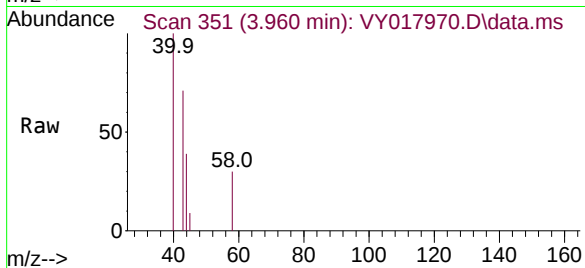
GRAB-1

Tgt Ion: 43 Resp: 1388

Ion Ratio Lower Upper

43 100

58 42.7 31.7 47.5



#20

Methylene Chloride

Concen: 11.14 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.018 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

Tgt Ion: 84 Resp: 45052

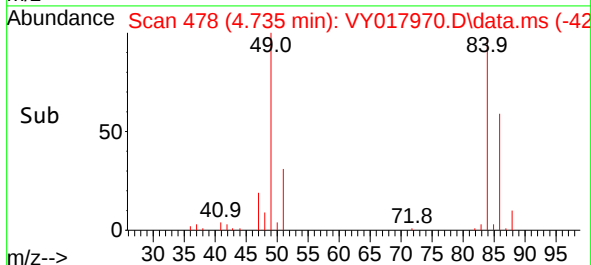
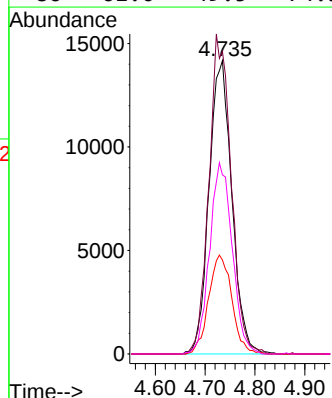
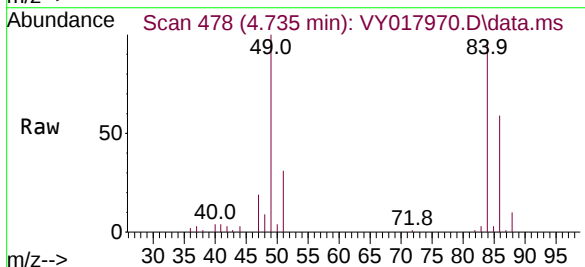
Ion Ratio Lower Upper

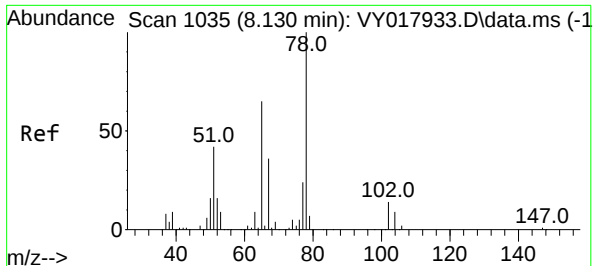
84 100

49 103.1 84.4 126.6

51 32.0 26.0 39.0

86 61.0 49.5 74.3





#33

1,2-Dichloroethane-d4

Concen: 55.66 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

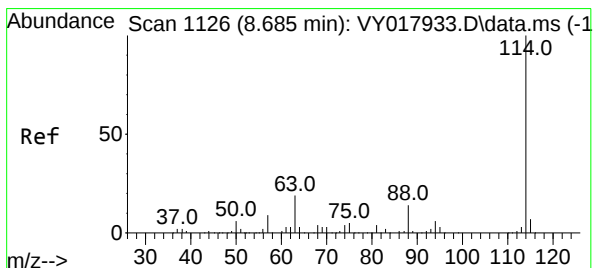
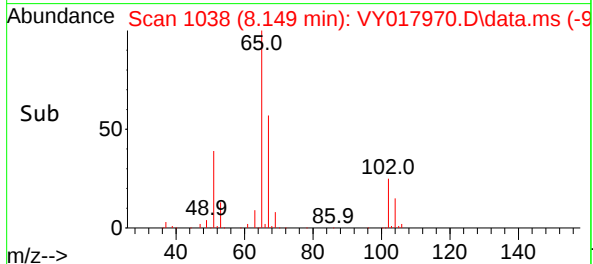
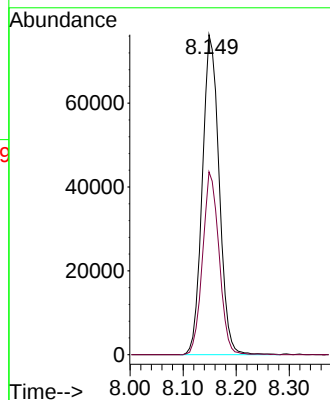
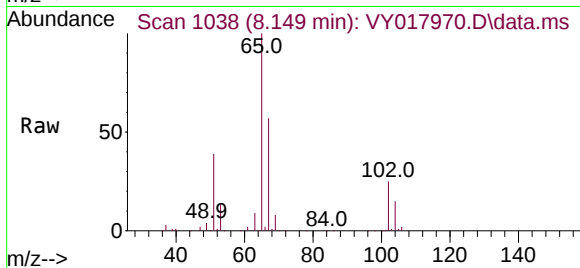
GRAB-1

Tgt Ion: 65 Resp: 168237

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

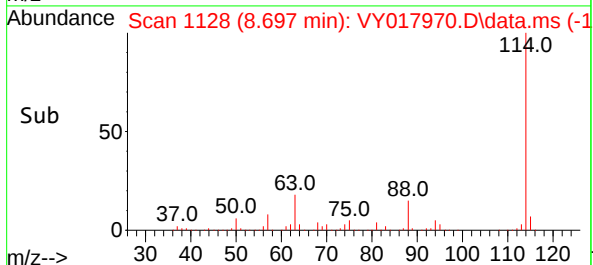
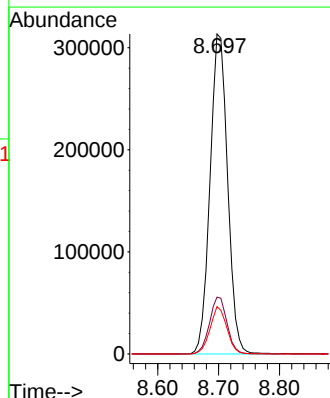
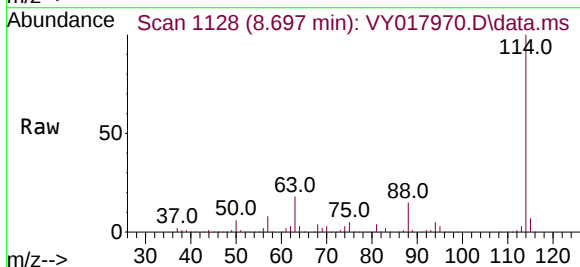
Tgt Ion: 114 Resp: 627666

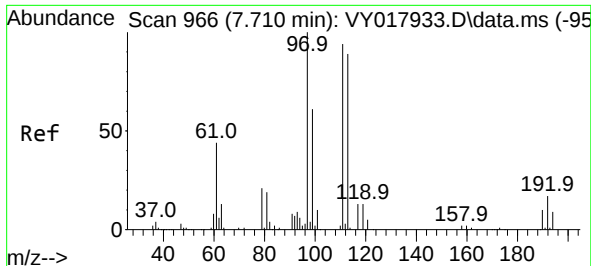
Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

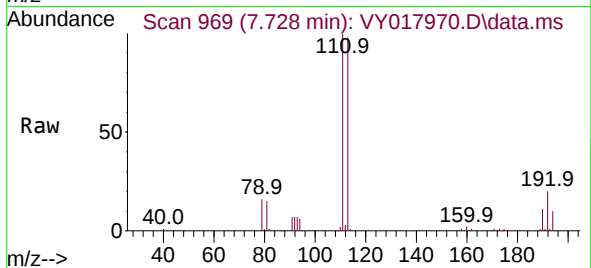
88 14.8 0.0 27.2



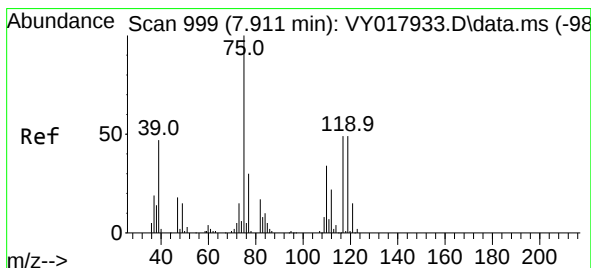
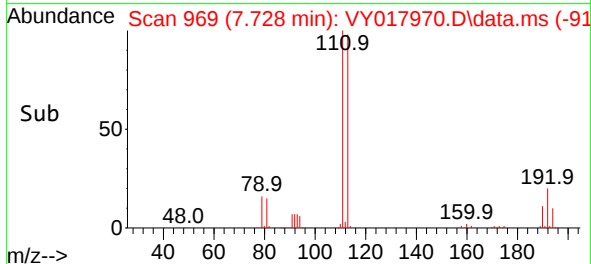
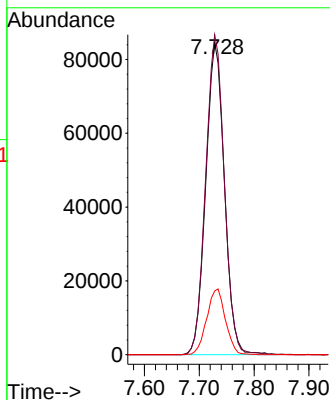


#35
Dibromofluoromethane
Concen: 51.63 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

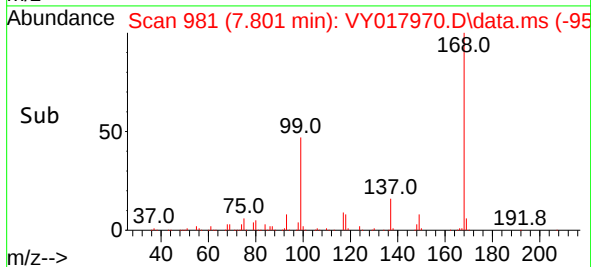
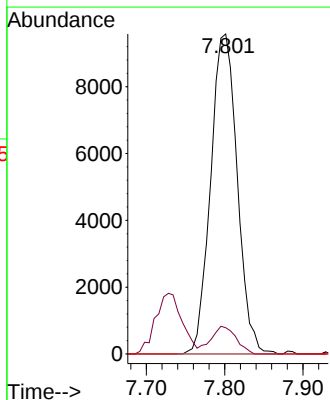
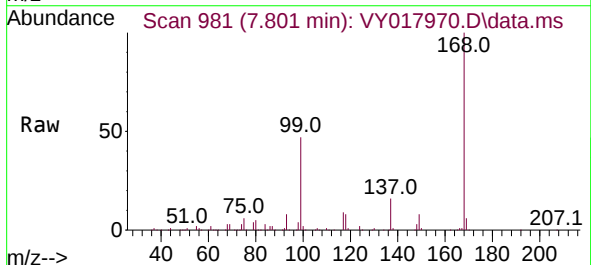


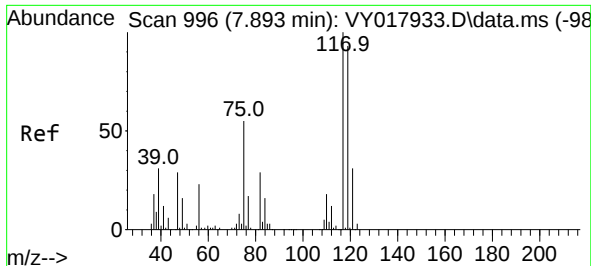
Tgt Ion:113 Resp: 199936
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.4
192 21.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.02 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion: 75 Resp: 22630
Ion Ratio Lower Upper
75 100
110 8.2 19.0 57.0#
77 0.0 25.3 37.9#

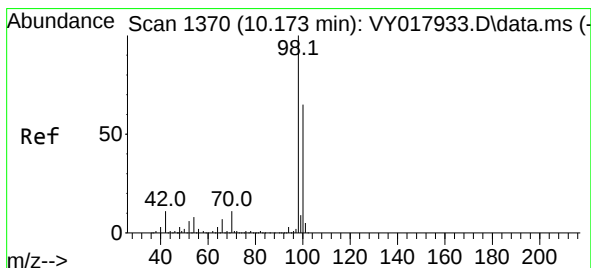
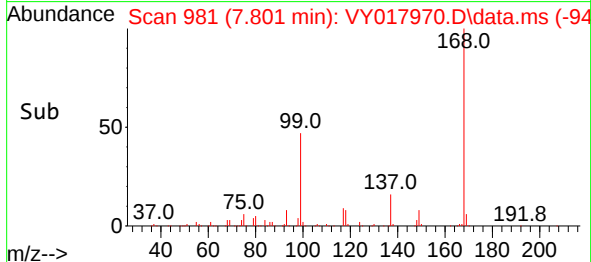
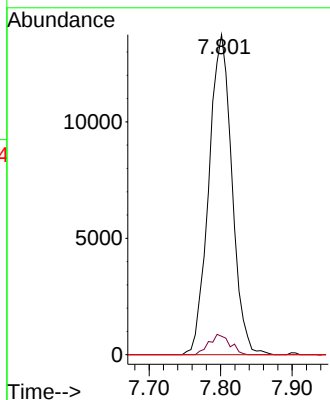
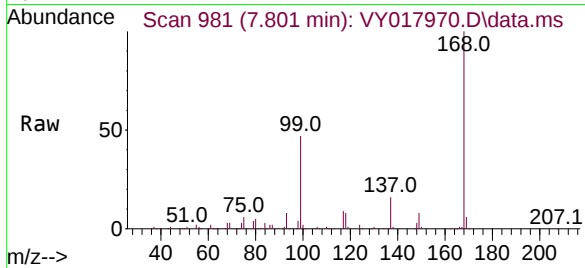




#38
Carbon Tetrachloride
Concen: 5.44 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

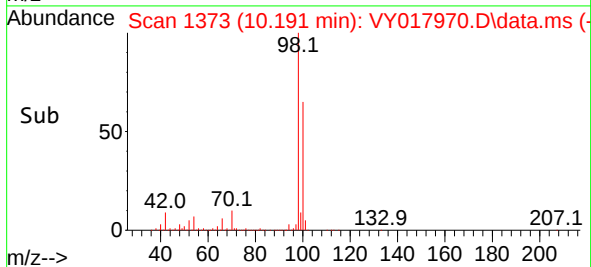
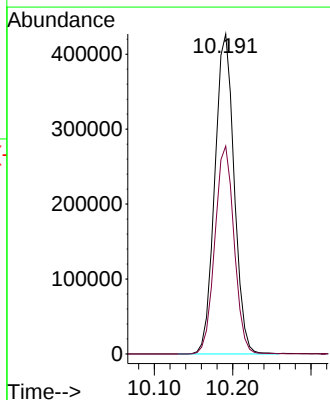
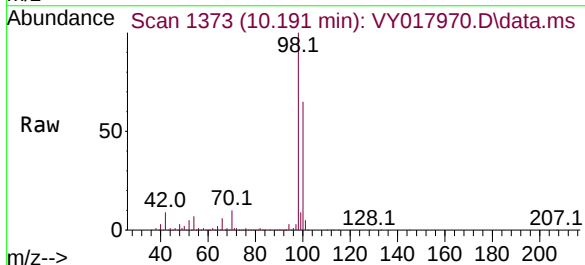
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

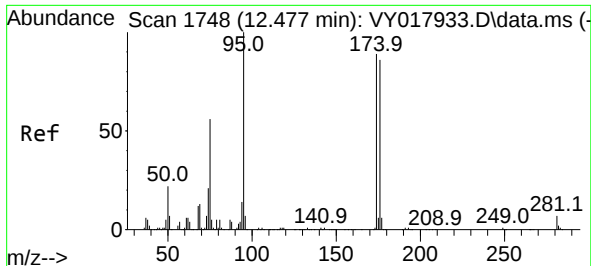
Tgt Ion:117 Resp: 30927
Ion Ratio Lower Upper
117 100
119 5.8 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.82 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.012 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion: 98 Resp: 731960
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

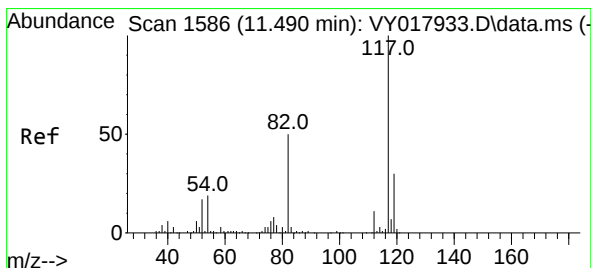
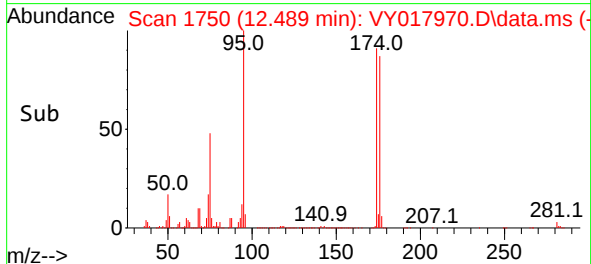
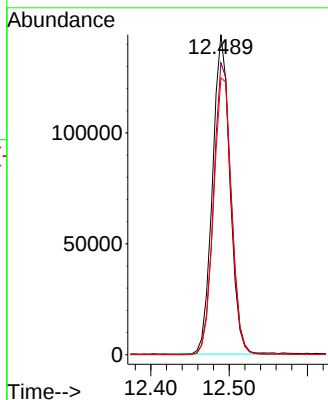
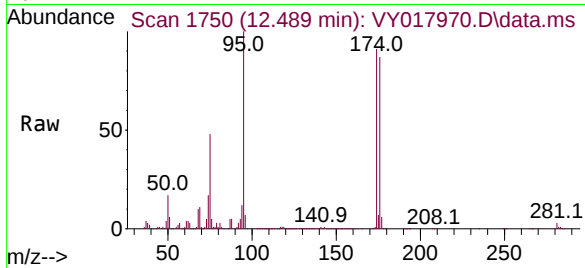




#62
4-Bromofluorobenzene
Concen: 49.07 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

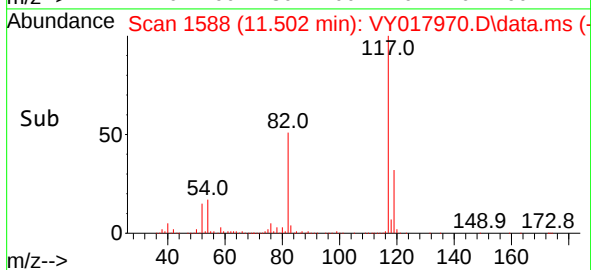
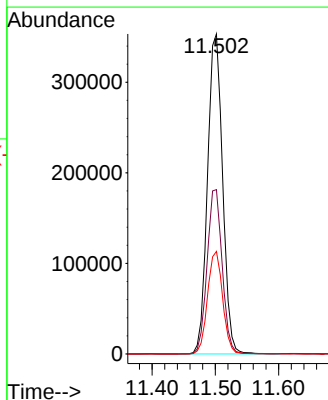
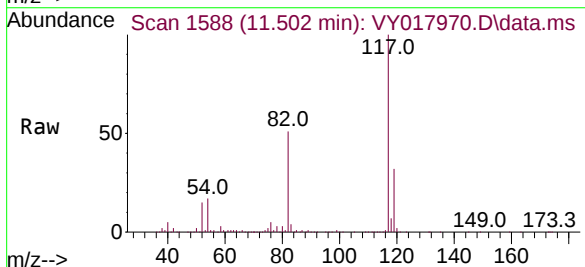
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-1

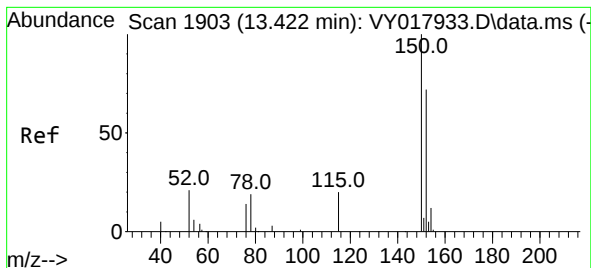
Tgt Ion: 95 Resp: 223283
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 89.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.012 min
Lab File: VY017970.D
Acq: 18 Apr 2024 12:52

Tgt Ion: 117 Resp: 586684
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.0 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY017970.D

Acq: 18 Apr 2024 12:52

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-1

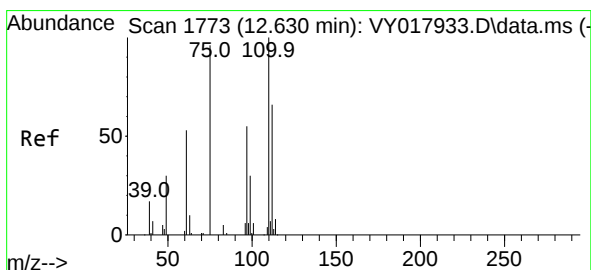
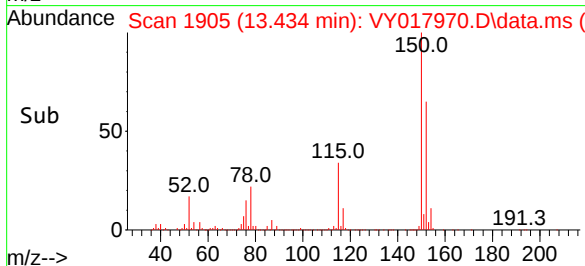
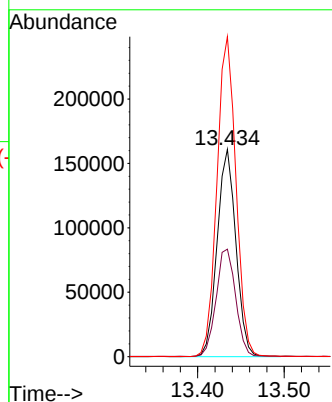
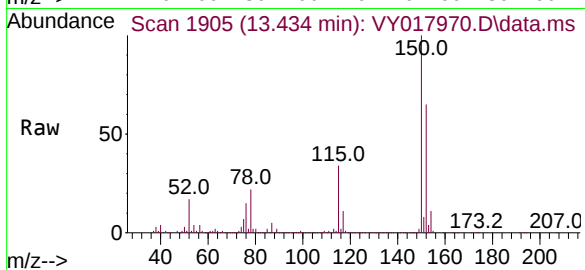
Tgt Ion:152 Resp: 242510

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 156.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 47.37 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017970.D

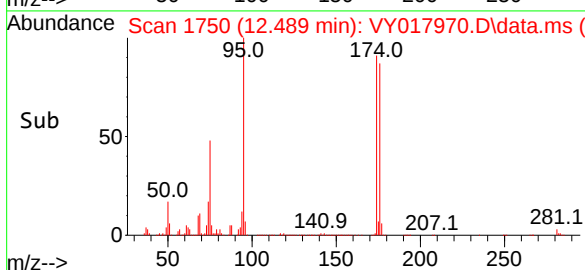
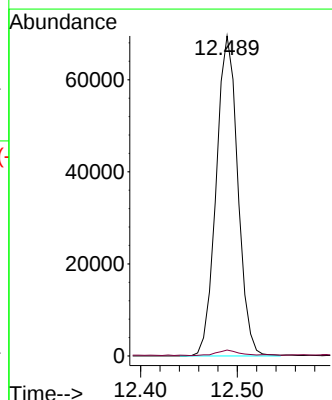
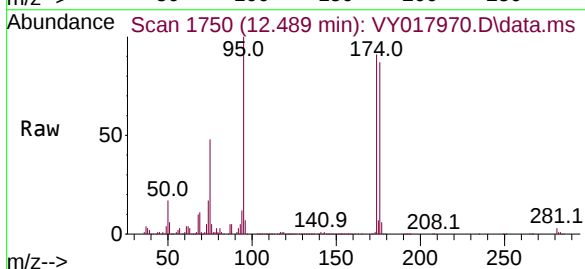
Acq: 18 Apr 2024 12:52

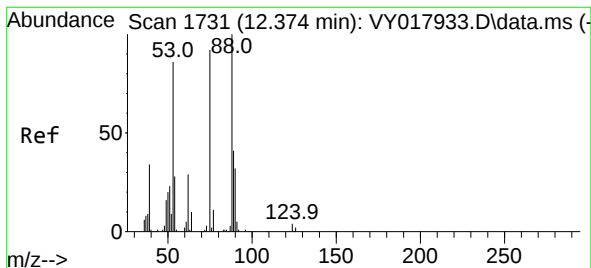
Tgt Ion: 75 Resp: 107803

Ion Ratio Lower Upper

75 100

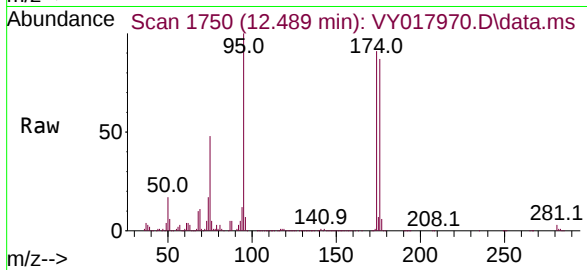
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.67 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY017970.D
 Acq: 18 Apr 2024 12:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-1



Tgt Ion: 75 Resp: 107803
 Ion Ratio Lower Upper
 75 100
 53 0.1 66.8 100.2#
 89 0.0 35.8 53.6#

