

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017697.D
 Acq On : 18 Mar 2024 18:35
 Operator : SY/MD
 Sample : P1764-07
 Misc : 4.84g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-7

Quant Time: Mar 19 04:12:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

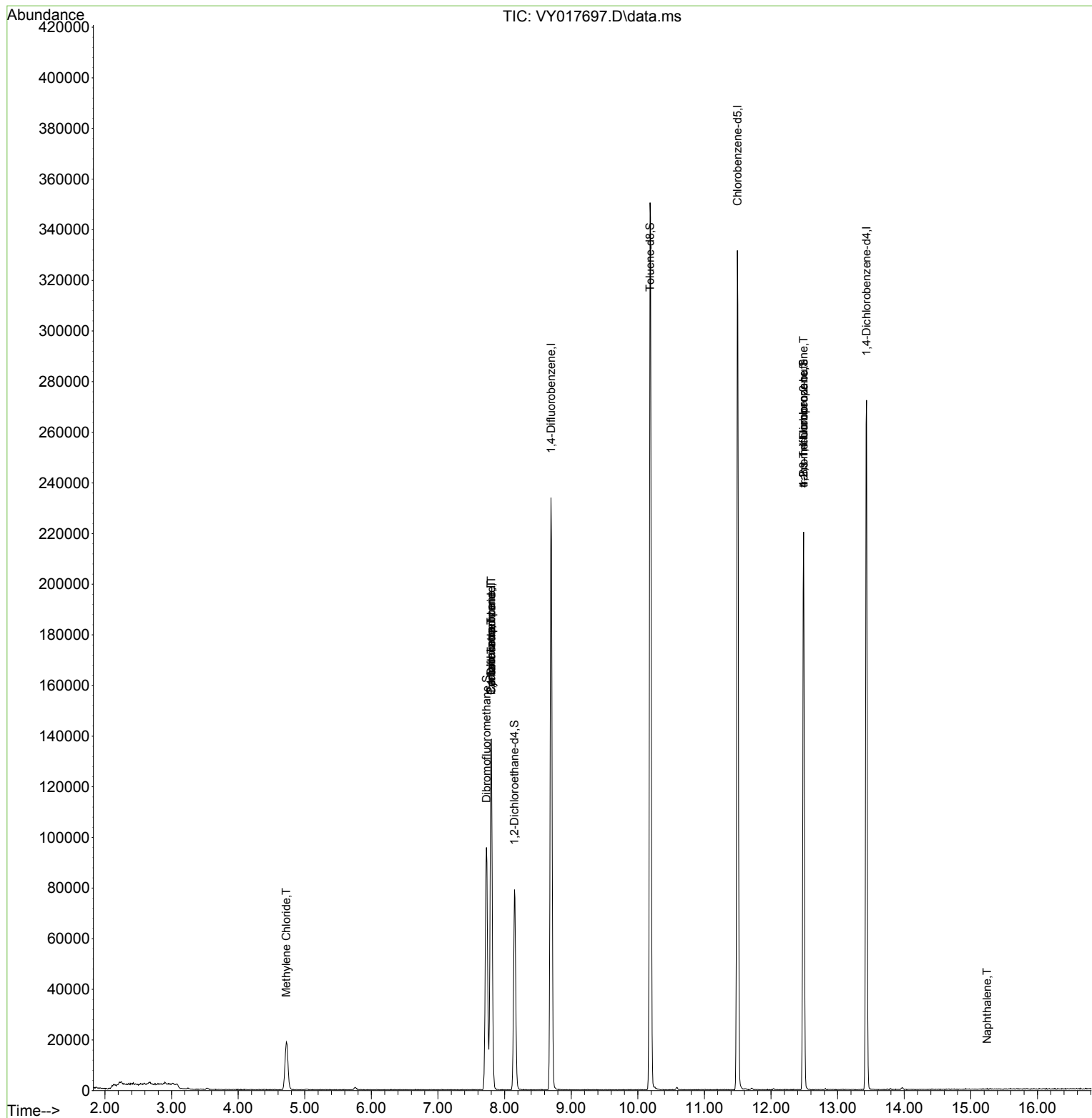
Internal Standards						
1) Pentafluorobenzene	7.801	168	116866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	59115	53.373	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.740%	
35) Dibromofluoromethane	7.728	113	70707	47.167	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.340%	
50) Toluene-d8	10.185	98	243879	46.530	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.060%	
62) 4-Bromofluorobenzene	12.489	95	66388	40.304	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 80.600%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	15802	7.909	ug/l	99
31) Cyclohexane	7.795	56	2054	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7655	3.785	ug/l #	47
38) Carbon Tetrachloride	7.801	117	10636	5.247	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	32833	46.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32833	106.590	ug/l #	16
95) Naphthalene	15.245	128	106	3.956	ug/l #	69

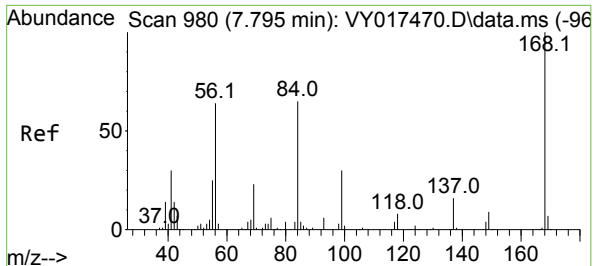
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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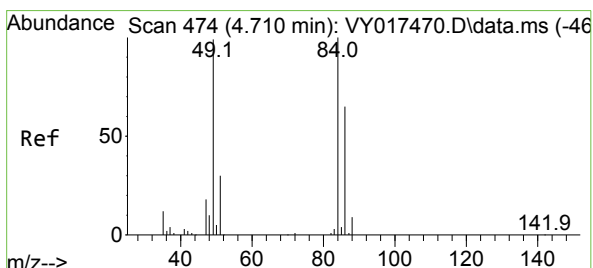
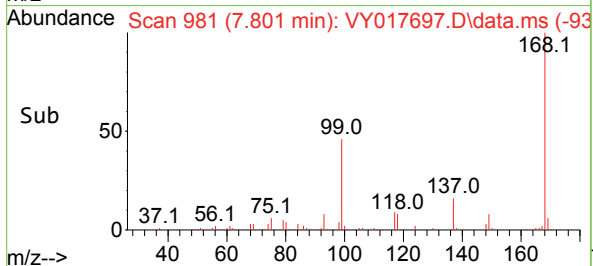
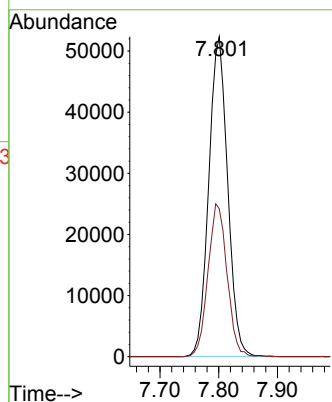
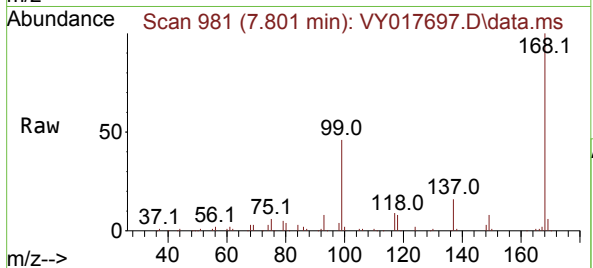




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

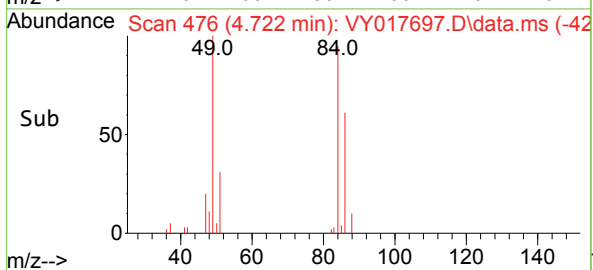
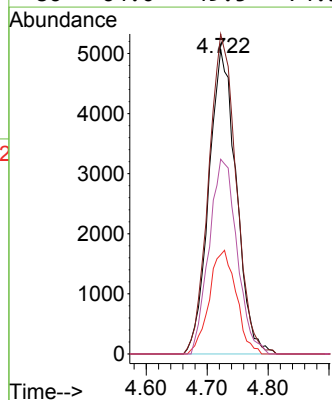
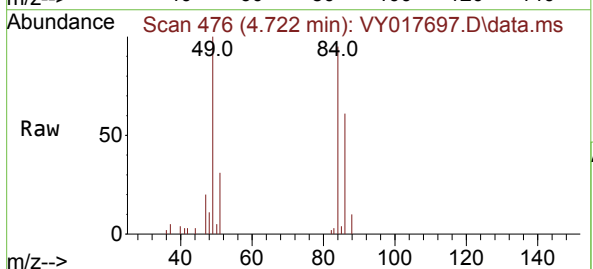
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-7

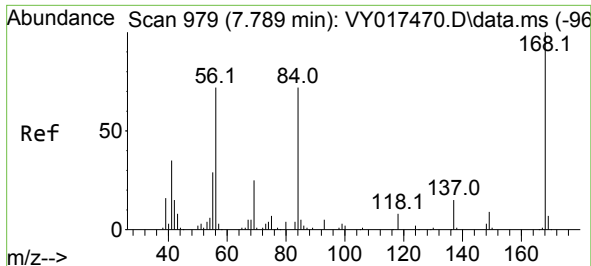
Tgt Ion:168 Resp: 116866
Ion Ratio Lower Upper
168 100
99 46.2 39.1 58.7



#20
Methylene Chloride
Concen: 7.909 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

Tgt Ion: 84 Resp: 15802
Ion Ratio Lower Upper
84 100
49 105.1 84.4 126.6
51 32.6 26.0 39.0
86 64.0 49.5 74.3

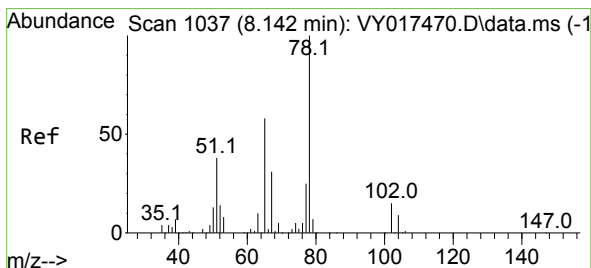
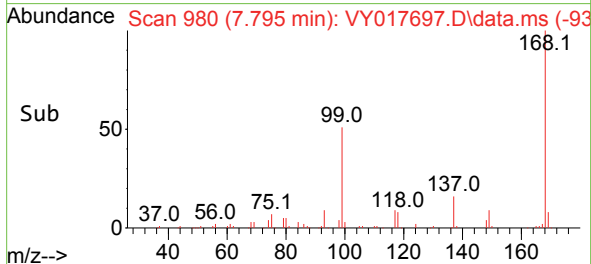
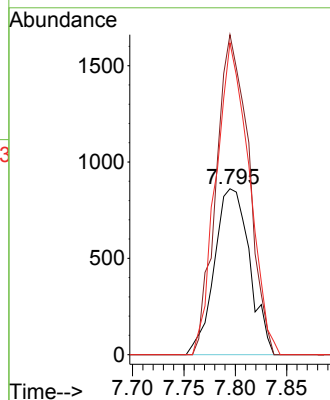
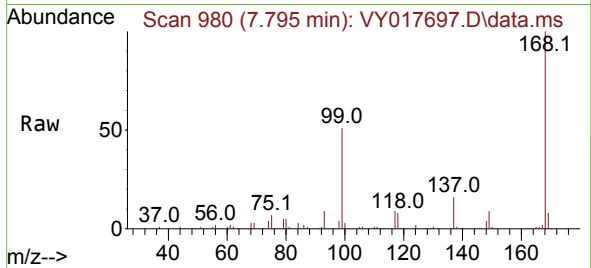




#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

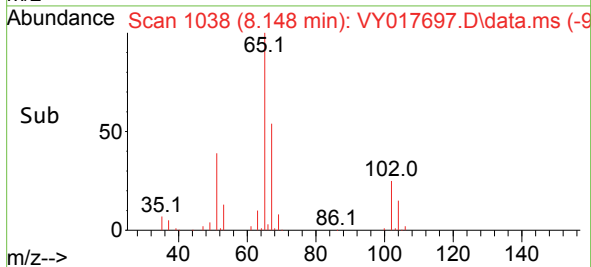
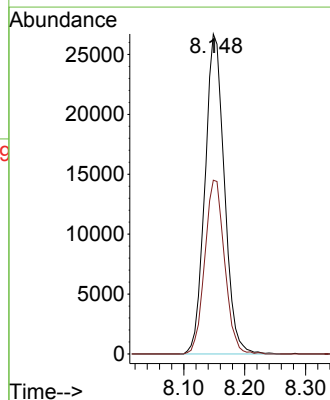
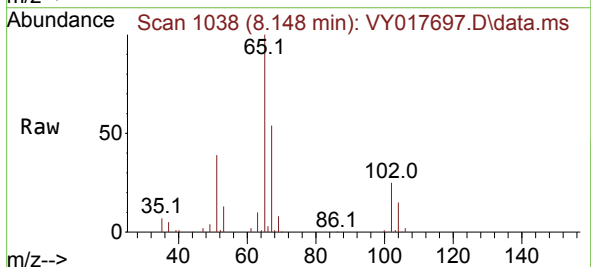
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-7

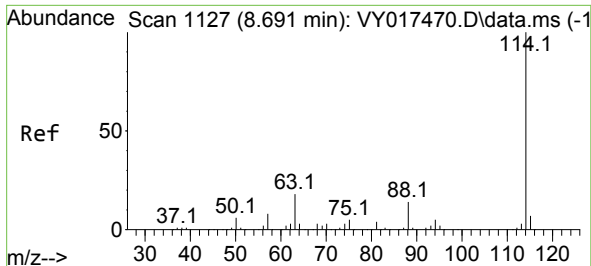
Tgt Ion: 56 Resp: 2054
Ion Ratio Lower Upper
56 100
69 192.9 28.7 43.1#
84 188.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 53.373 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

Tgt Ion: 65 Resp: 59115
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY017697.D

Acq: 18 Mar 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-7

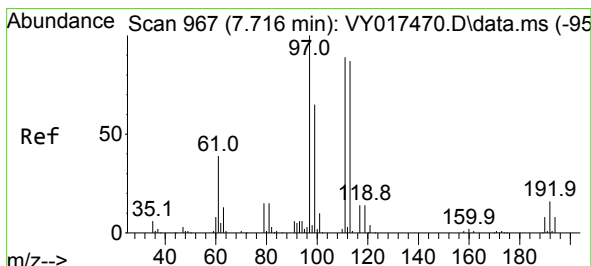
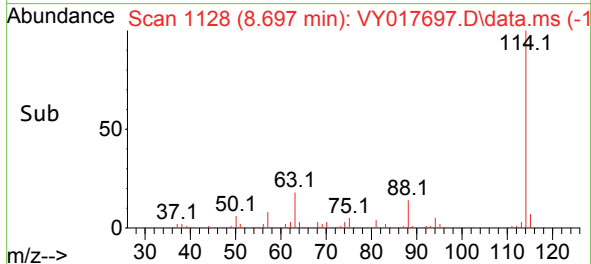
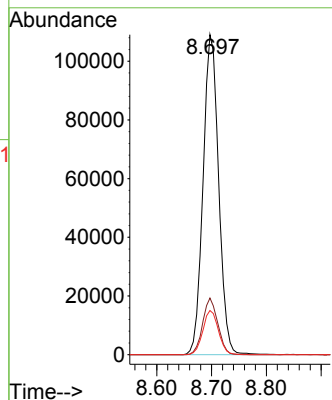
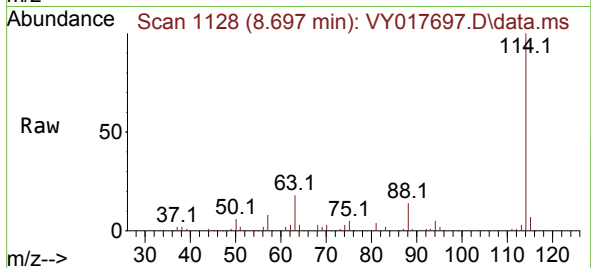
Tgt Ion:114 Resp: 215126

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.167 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.012 min

Lab File: VY017697.D

Acq: 18 Mar 2024 18:35

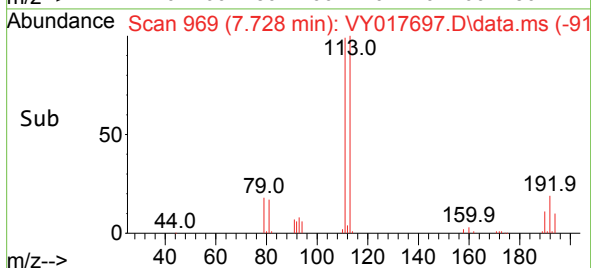
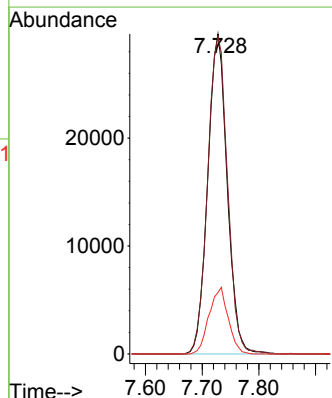
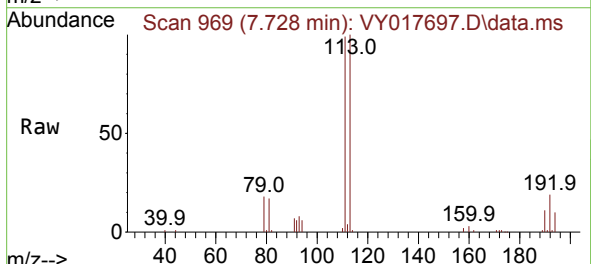
Tgt Ion:113 Resp: 70707

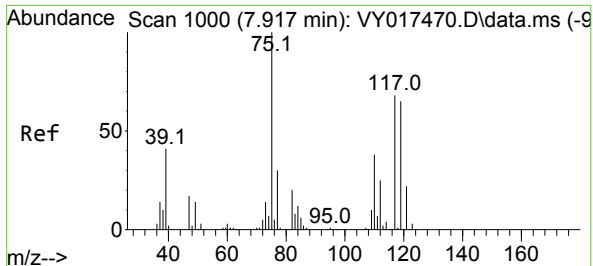
Ion Ratio Lower Upper

113 100

111 101.4 82.2 123.4

192 20.4 15.9 23.9

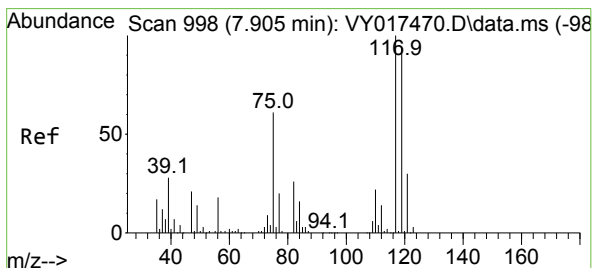
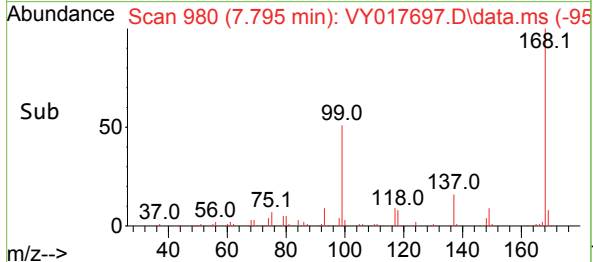
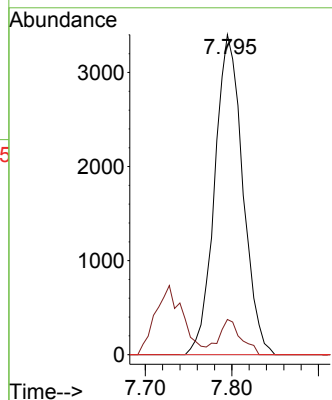
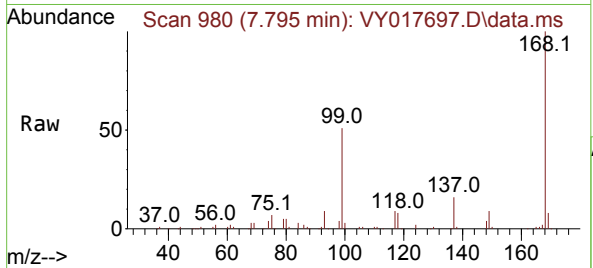




#36
1,1-Dichloropropene
Concen: 3.785 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

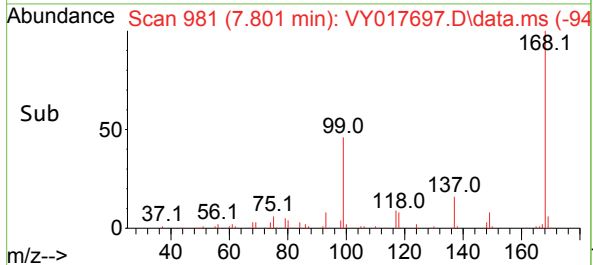
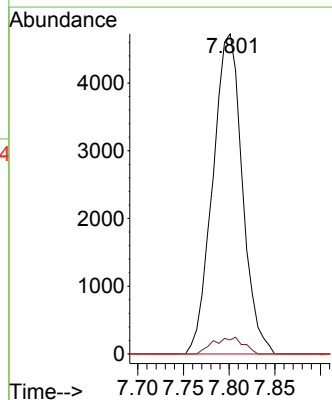
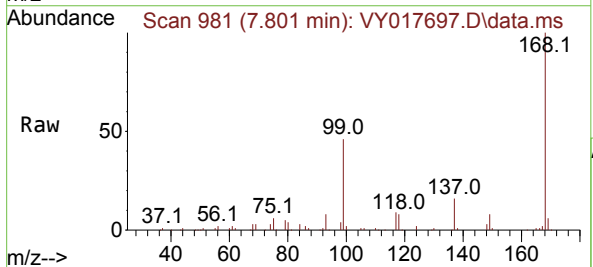
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-7

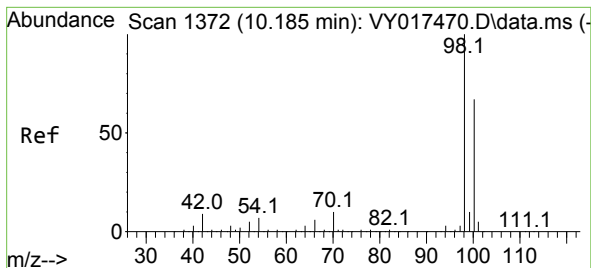
Tgt Ion: 75 Resp: 7655
Ion Ratio Lower Upper
75 100
110 8.6 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.247 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.104 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

Tgt Ion: 117 Resp: 10636
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#

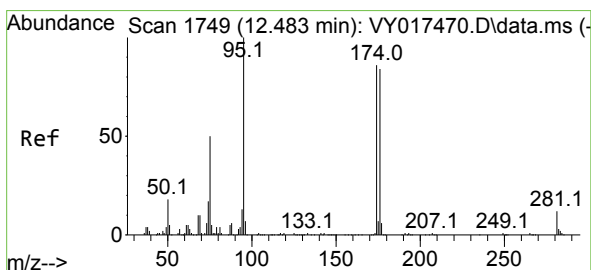
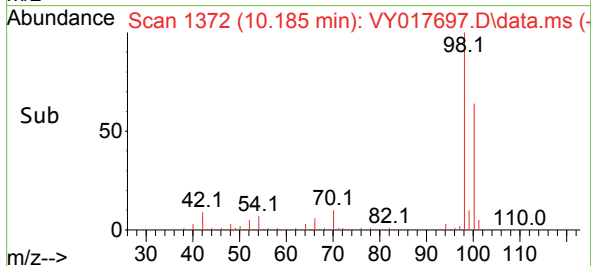
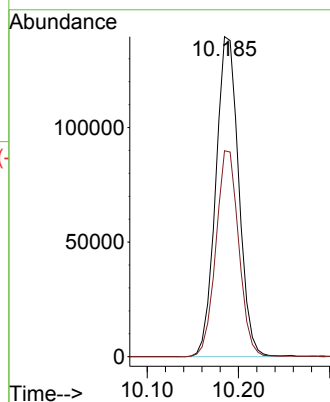
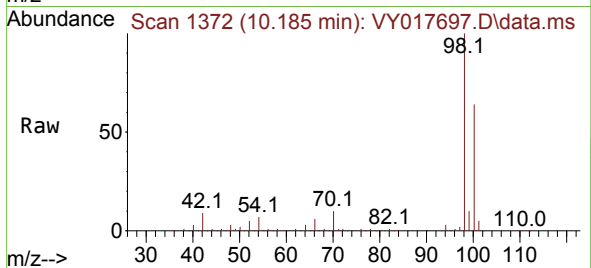




#50
Toluene-d8
Concen: 46.530 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

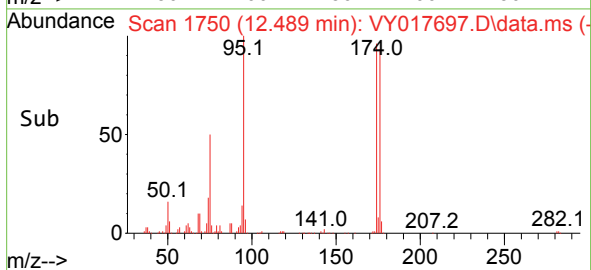
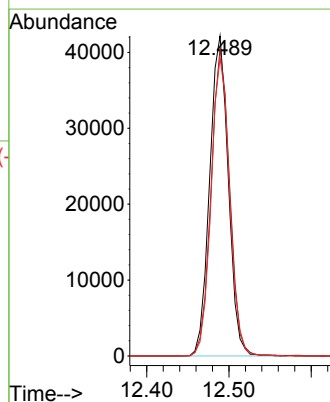
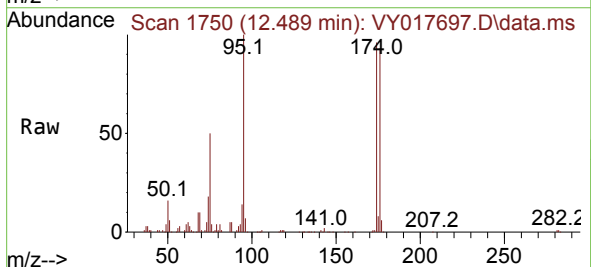
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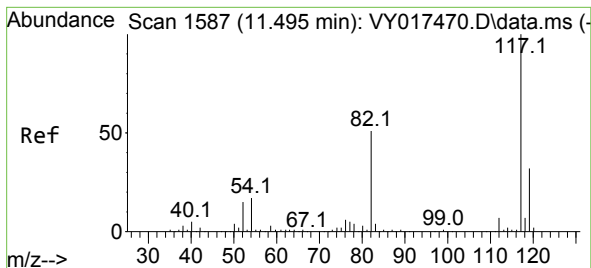
Tgt Ion: 98 Resp: 243879
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.304 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017697.D
Acq: 18 Mar 2024 18:35

Tgt Ion: 95 Resp: 66388
Ion Ratio Lower Upper
95 100
174 95.8 0.0 175.6
176 92.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017697.D

Acq: 18 Mar 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-7

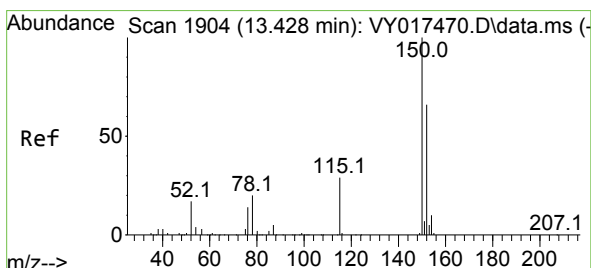
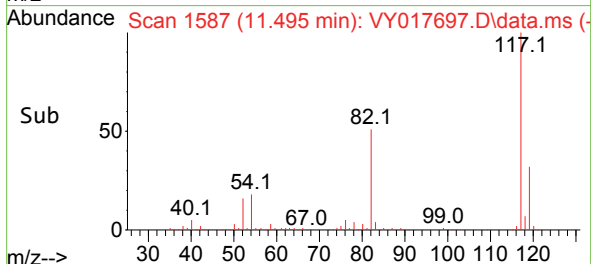
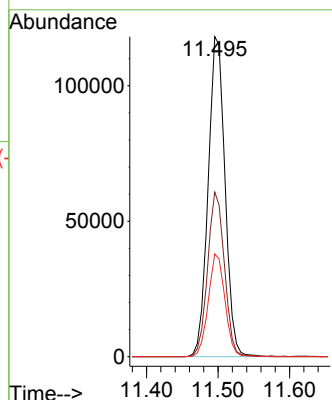
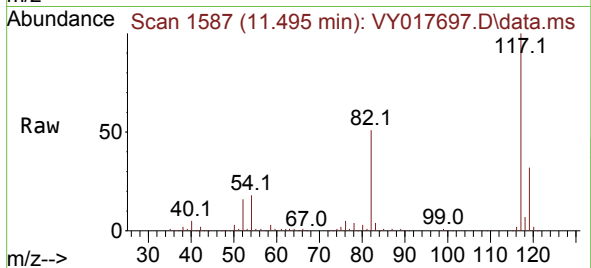
Tgt Ion:117 Resp: 193816

Ion Ratio Lower Upper

117 100

82 51.4 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017697.D

Acq: 18 Mar 2024 18:35

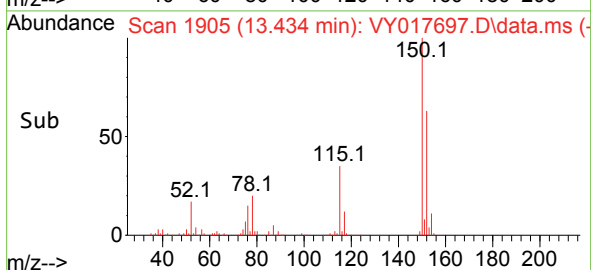
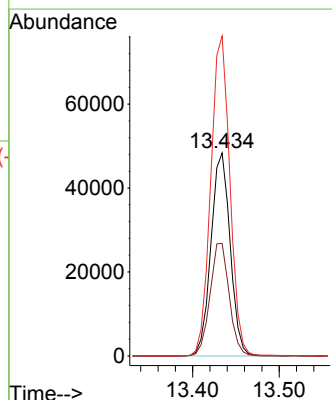
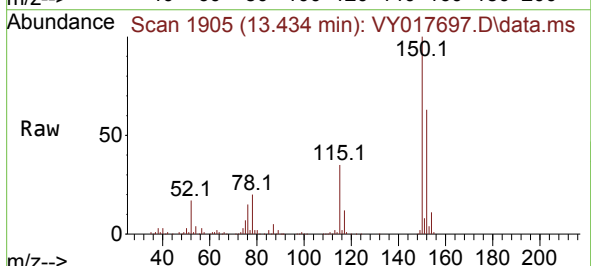
Tgt Ion:152 Resp: 74492

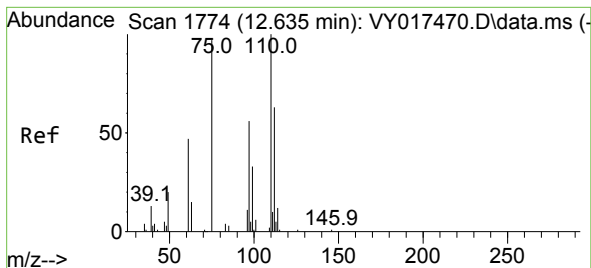
Ion Ratio Lower Upper

152 100

115 55.5 28.2 84.7

150 157.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 46.388 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017697.D

Acq: 18 Mar 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

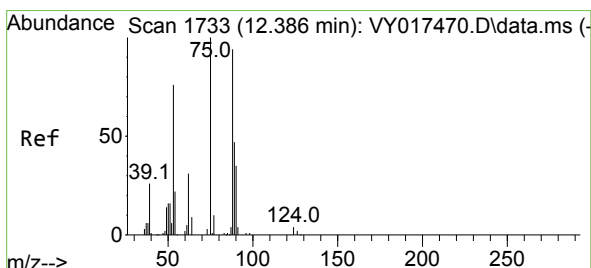
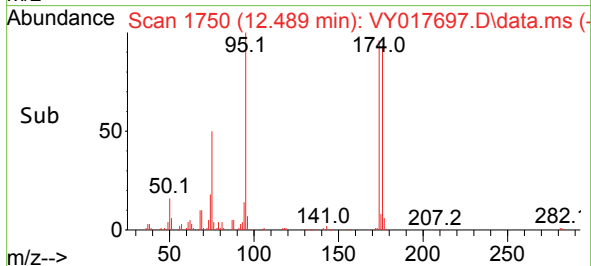
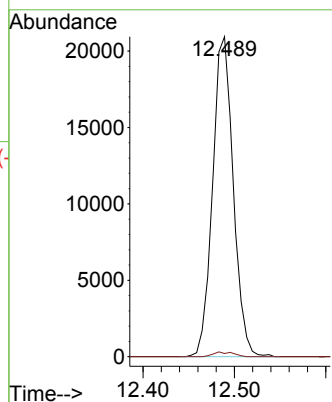
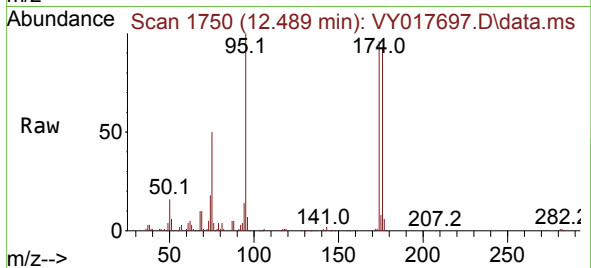
GRAB-7

Tgt Ion: 75 Resp: 32833

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.590 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017697.D

Acq: 18 Mar 2024 18:35

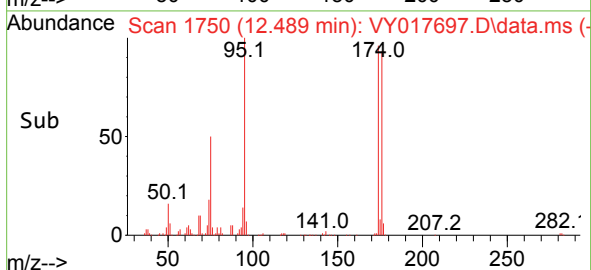
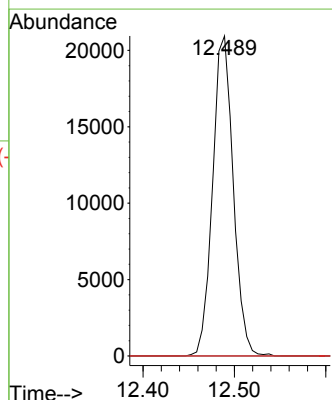
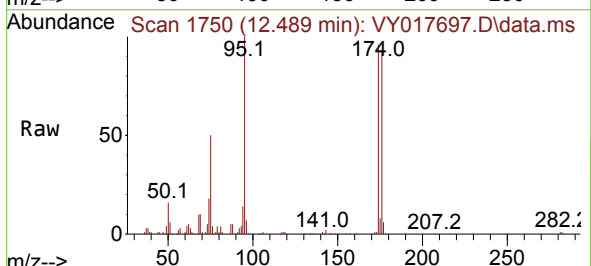
Tgt Ion: 75 Resp: 32833

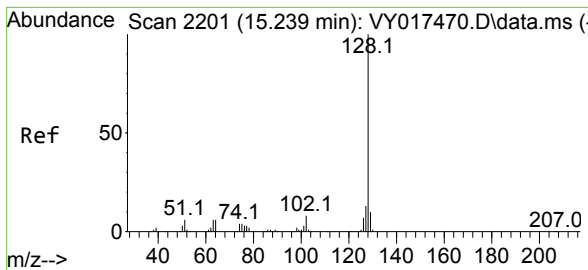
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

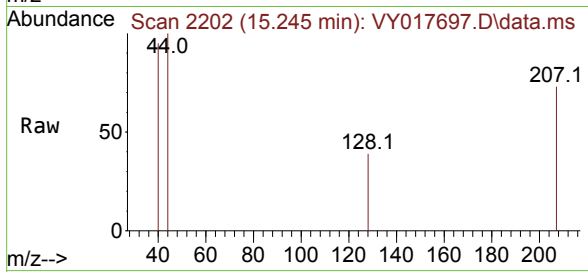
89 0.0 35.8 53.6#





#95
 Naphthalene
 Concen: 3.956 ug/l
 RT: 15.245 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY017697.D
 Acq: 18 Mar 2024 18:35

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-7



Tgt Ion:	128	Resp:	106
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

