

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017696.D
 Acq On : 18 Mar 2024 18:11
 Operator : SY/MD
 Sample : P1764-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-6

Quant Time: Mar 19 04:12:01 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)

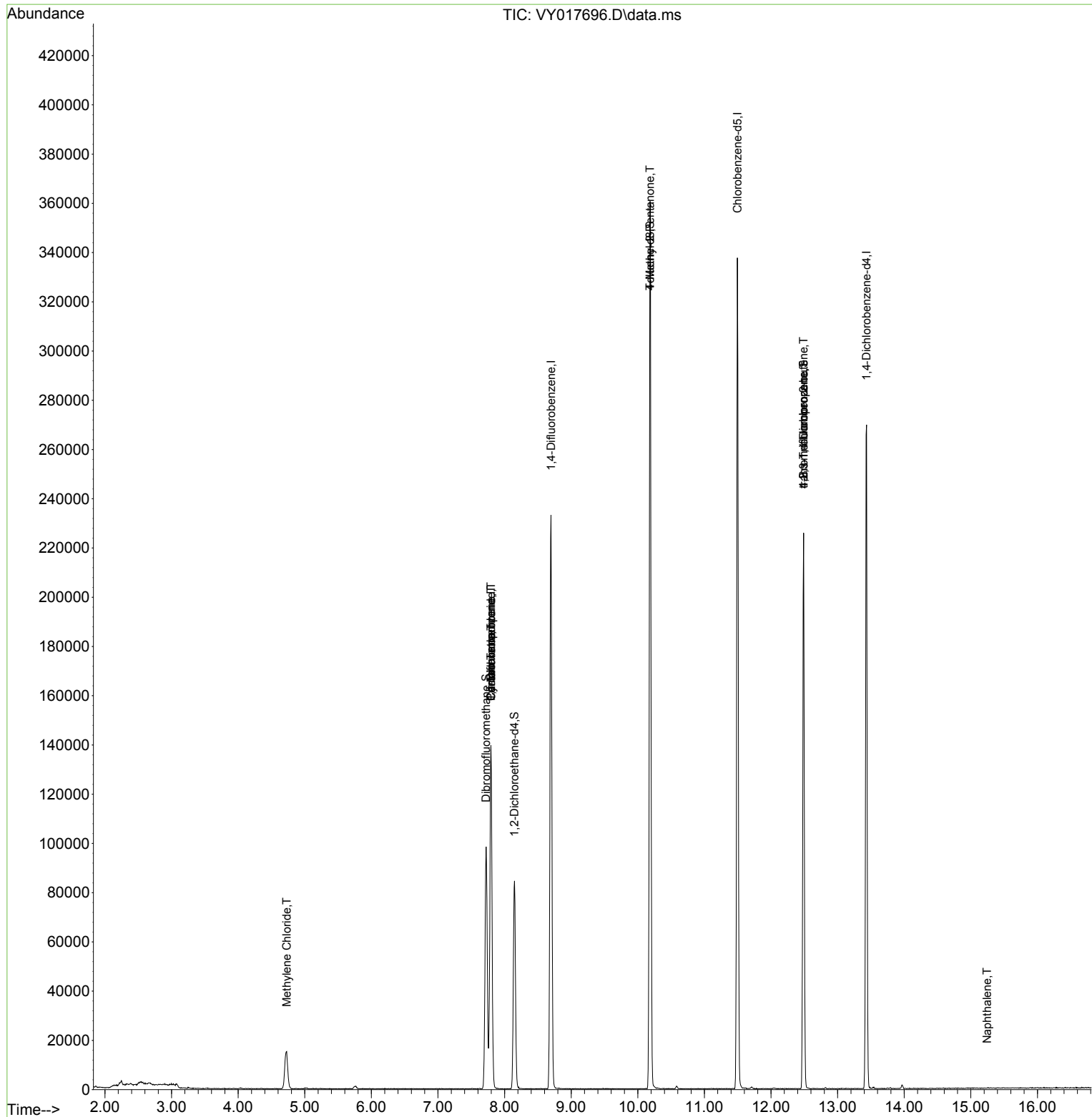
Internal Standards						
1) Pentafluorobenzene	7.795	168	115824	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	212311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	194125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	74677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	63024	57.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.820%
35) Dibromofluoromethane	7.722	113	71902	48.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.200%
50) Toluene-d8	10.185	98	243877	47.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.489	95	66901	41.154	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.300%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.728	84	12726	5.273	ug/l	97
31) Cyclohexane	7.795	56	1931	1.081	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8135	4.075	ug/l #	47
38) Carbon Tetrachloride	7.795	117	10699	5.348	ug/l #	17
51) 4-Methyl-2-Pentanone	10.185	43	792	1.026	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	33504	47.219	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	33504	108.499	ug/l #	16
95) Naphthalene	15.245	128	98	3.953	ug/l #	69

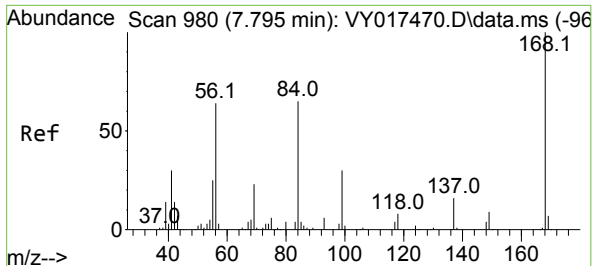
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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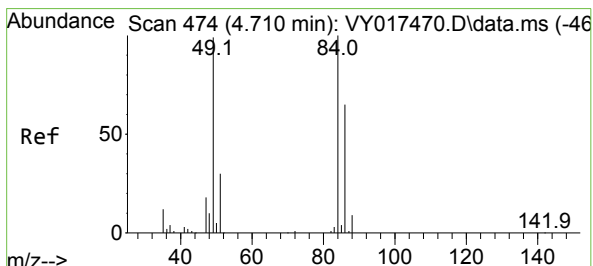
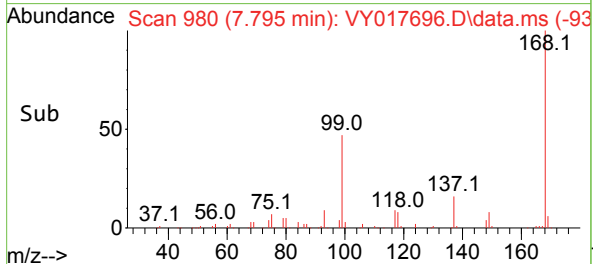
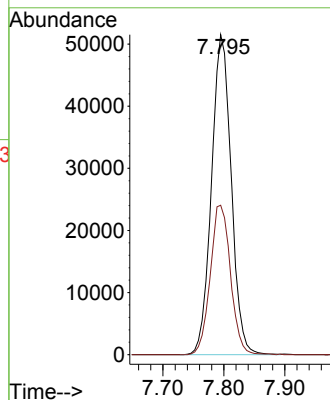
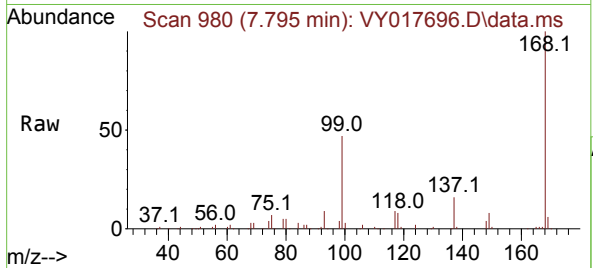




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

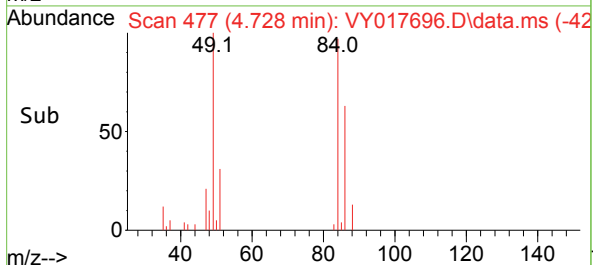
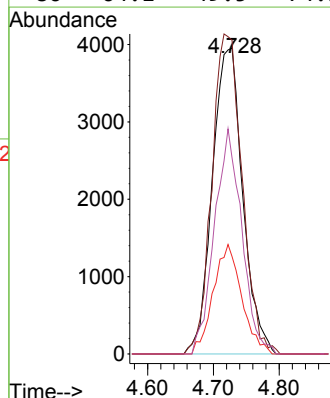
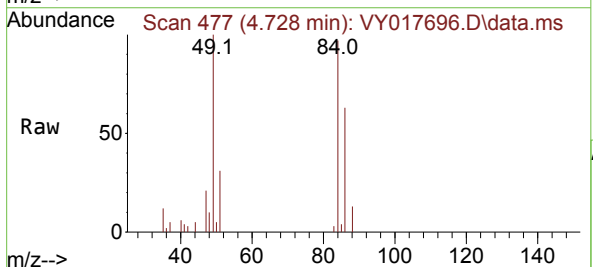
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

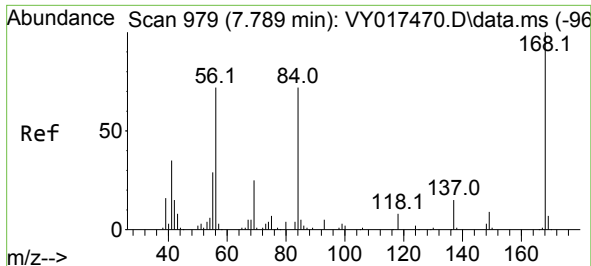
Tgt Ion:168 Resp: 115824
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#20
Methylene Chloride
Concen: 5.273 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.018 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

Tgt Ion: 84 Resp: 12726
Ion Ratio Lower Upper
84 100
49 102.6 84.4 126.6
51 31.8 26.0 39.0
86 64.1 49.5 74.3

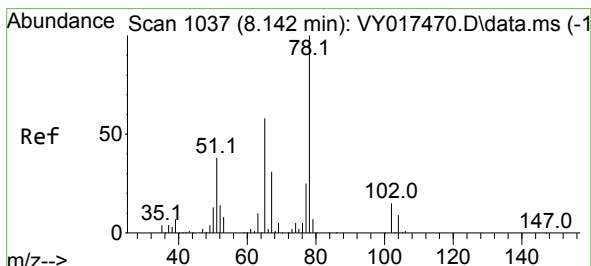
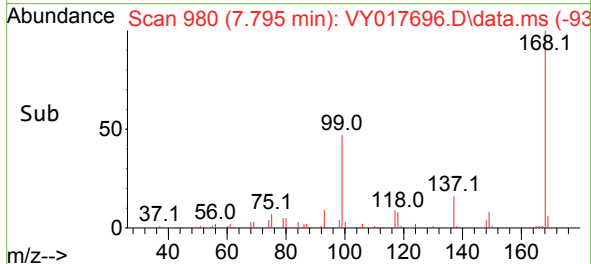
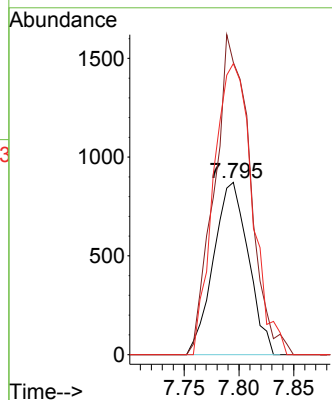
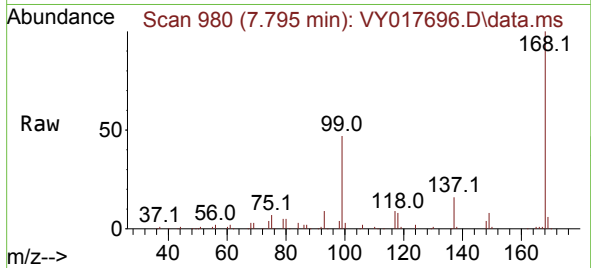




#31
Cyclohexane
Concen: 1.081 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

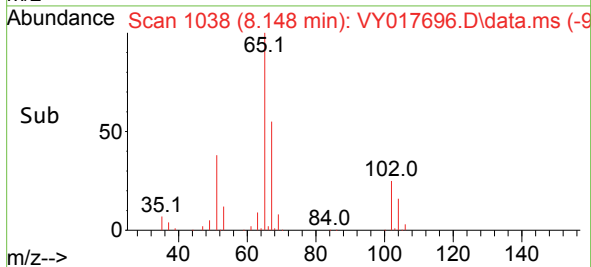
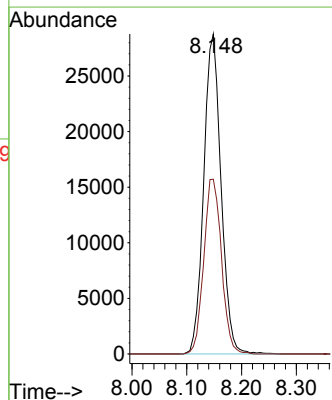
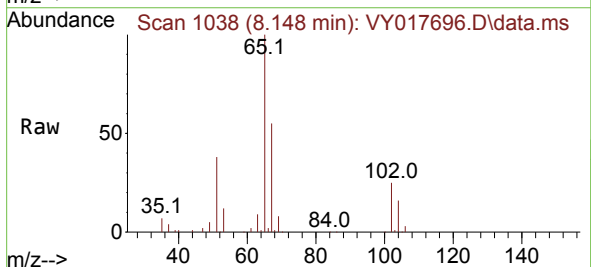
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

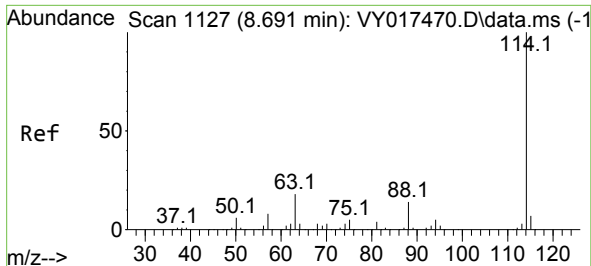
Tgt Ion: 56 Resp: 1931
Ion Ratio Lower Upper
56 100
69 169.7 28.7 43.1#
84 168.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.415 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

Tgt Ion: 65 Resp: 63024
Ion Ratio Lower Upper
65 100
67 55.9 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: VY017696.D

Acq: 18 Mar 2024 18:11

Instrument :

MSVOA_Y

ClientSampleId :

GRAB-6

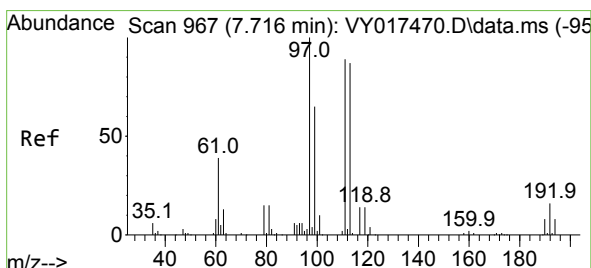
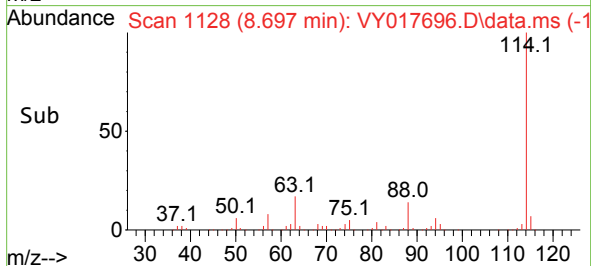
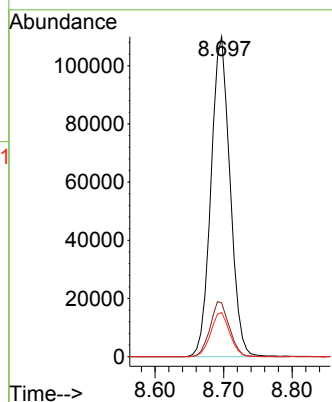
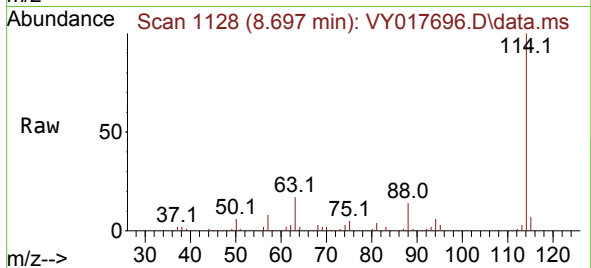
Tgt Ion:114 Resp: 212311

Ion Ratio Lower Upper

114 100

63 16.8 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 48.601 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY017696.D

Acq: 18 Mar 2024 18:11

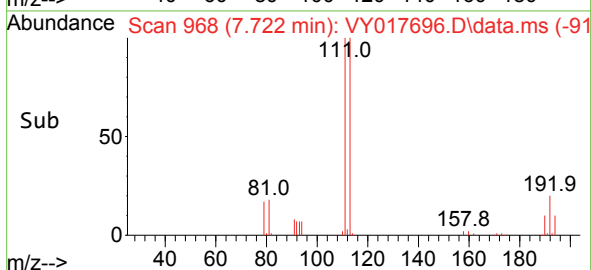
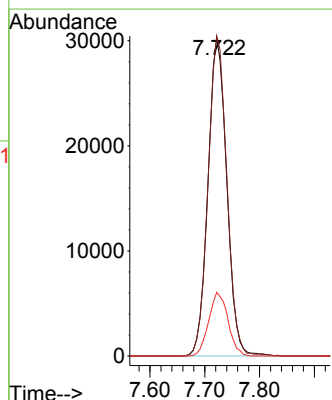
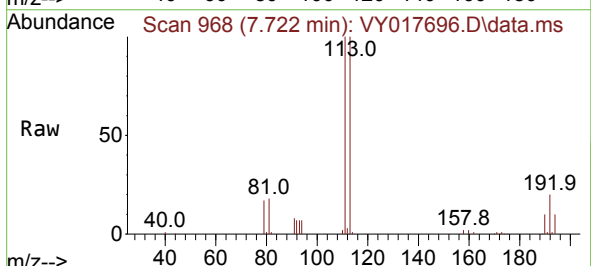
Tgt Ion:113 Resp: 71902

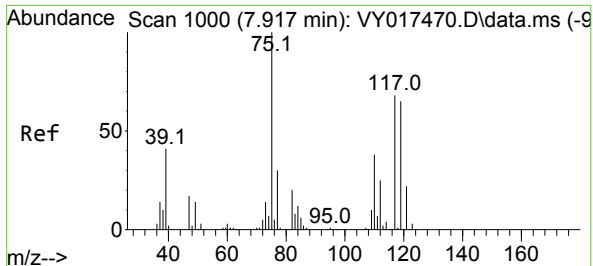
Ion Ratio Lower Upper

113 100

111 100.5 82.2 123.4

192 20.5 15.9 23.9

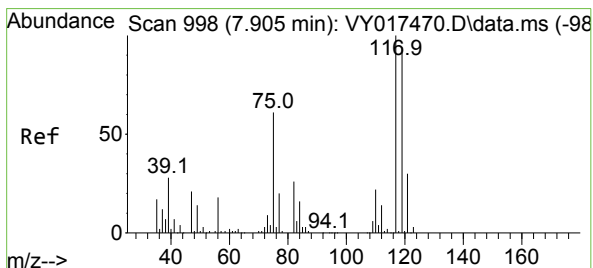
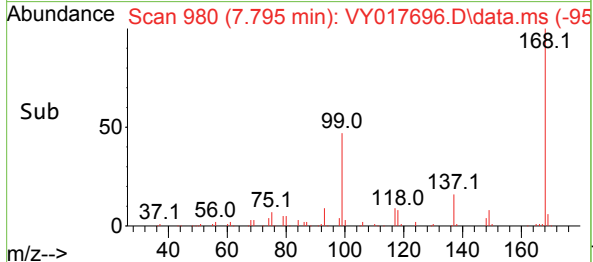
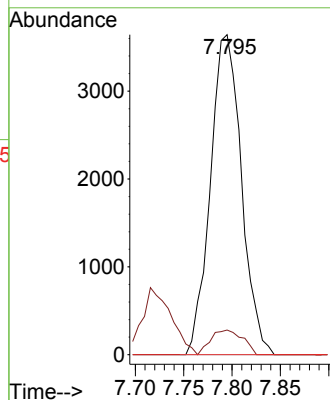
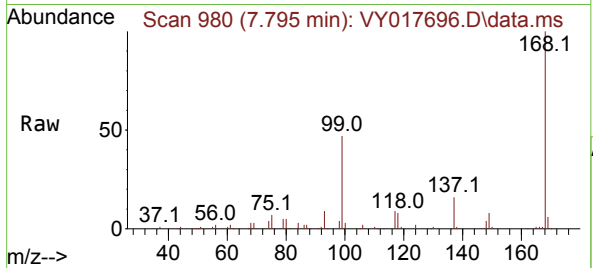




#36
1,1-Dichloropropene
Concen: 4.075 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

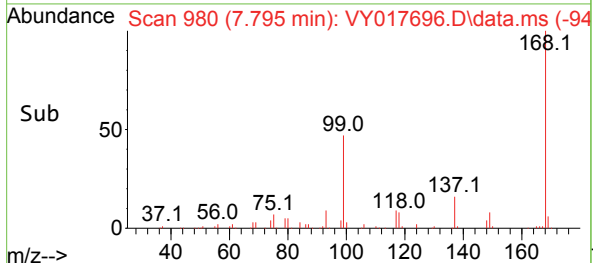
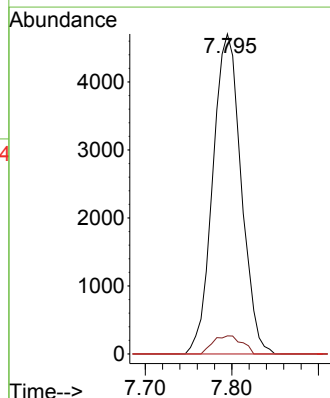
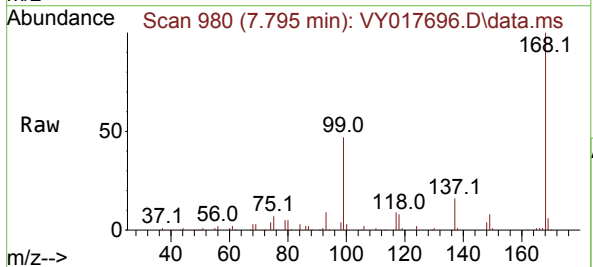
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

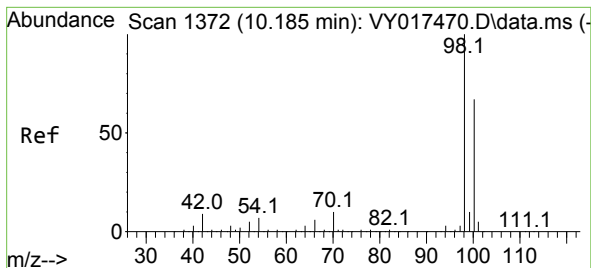
Tgt Ion: 75 Resp: 8135
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.348 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

Tgt Ion: 117 Resp: 10699
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 47.147 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.000 min

Lab File: VY017696.D

Acq: 18 Mar 2024 18:11

Instrument :

MSVOA_Y

ClientSampleId :

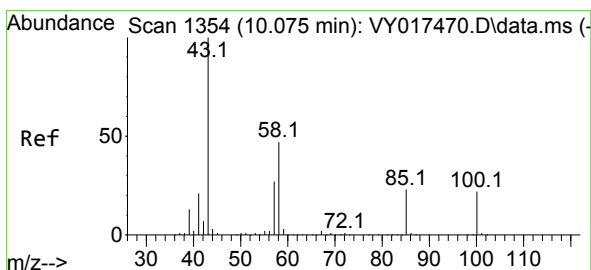
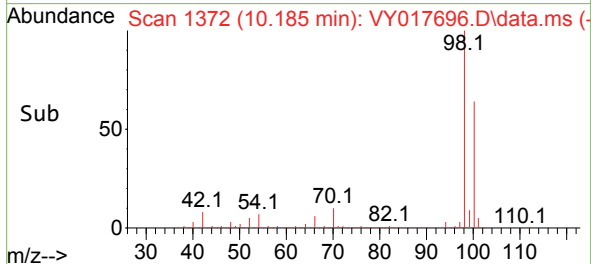
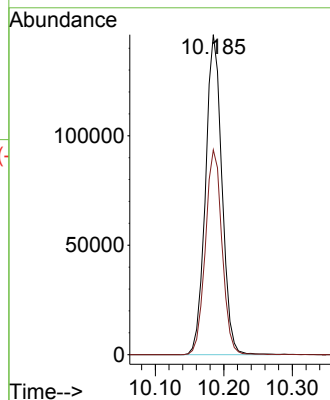
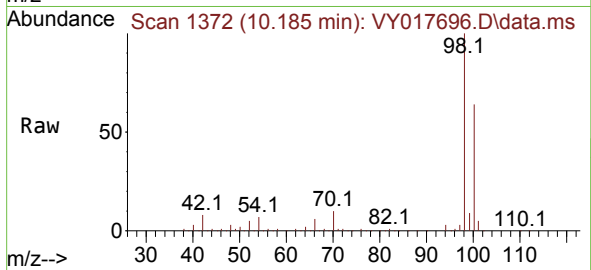
GRAB-6

Tgt Ion: 98 Resp: 243877

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.026 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.110 min

Lab File: VY017696.D

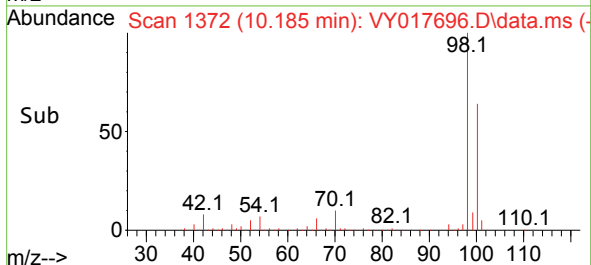
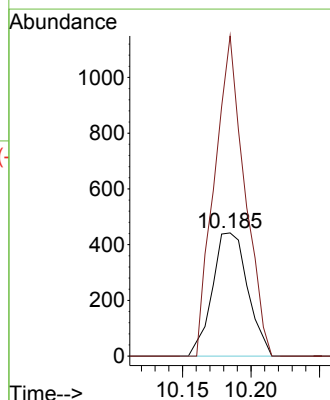
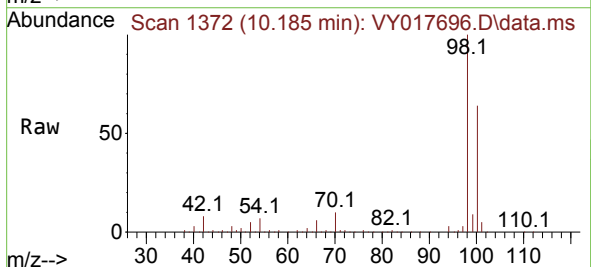
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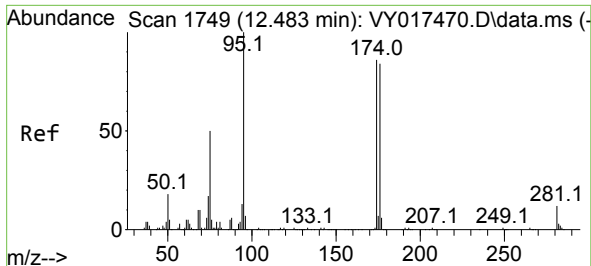
Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

58 222.0 35.7 53.5#

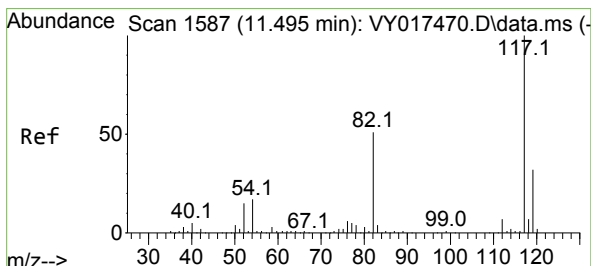
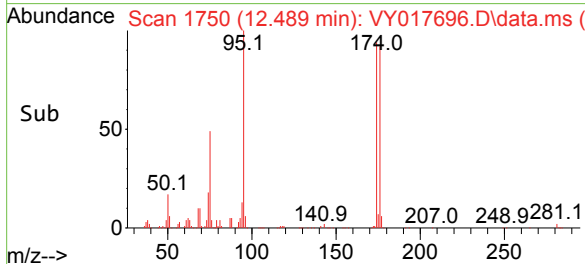
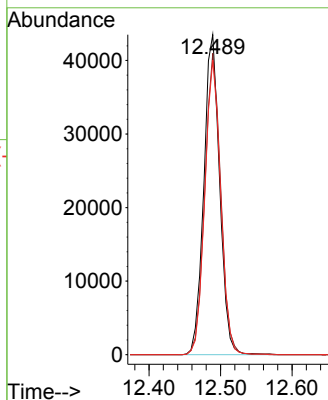
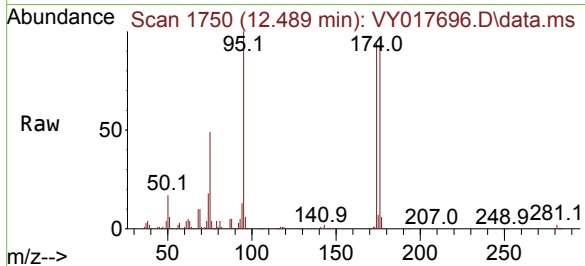




#62
4-Bromofluorobenzene
Concen: 41.154 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

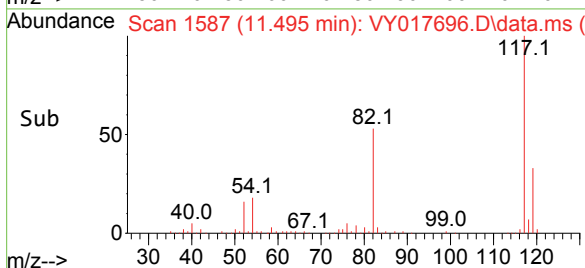
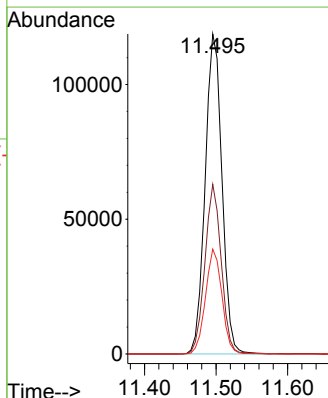
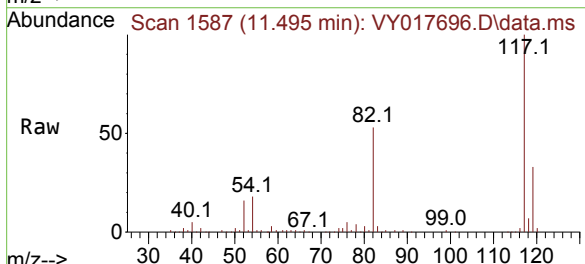
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GRAB-6

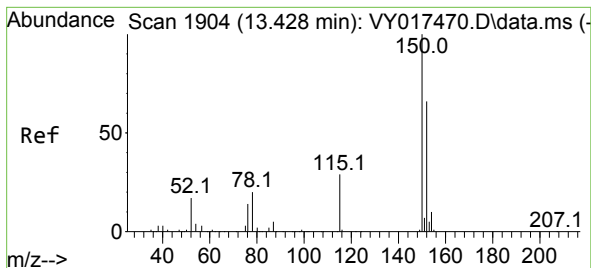
Tgt Ion: 95 Resp: 66901
Ion Ratio Lower Upper
95 100
174 94.9 0.0 175.6
176 92.2 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

Tgt Ion: 117 Resp: 194125
Ion Ratio Lower Upper
117 100
82 53.0 42.4 63.6
119 32.7 25.9 38.9

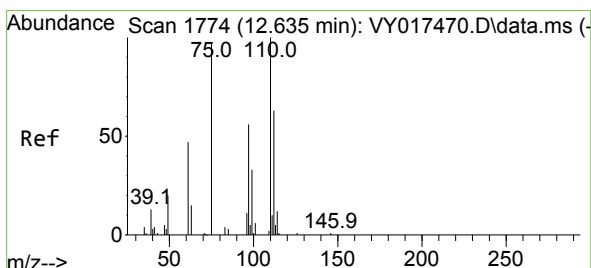
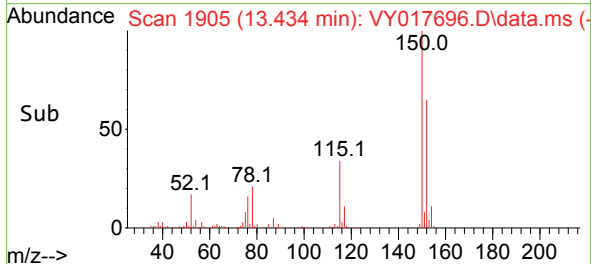
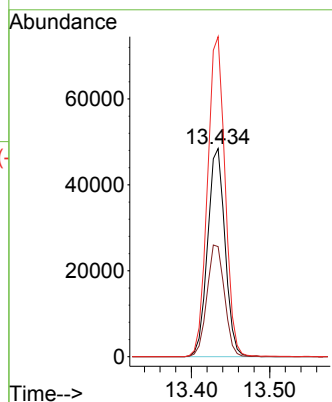
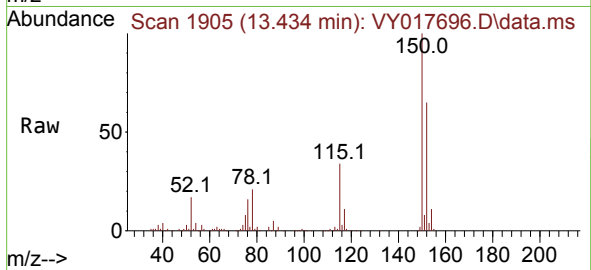




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY017696.D
 Acq: 18 Mar 2024 18:11

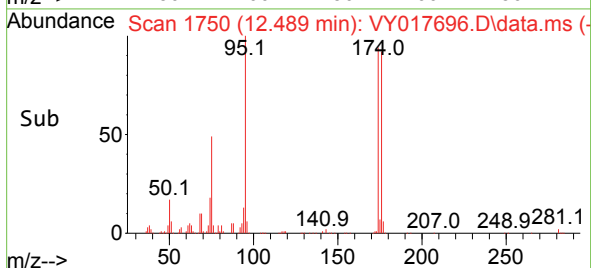
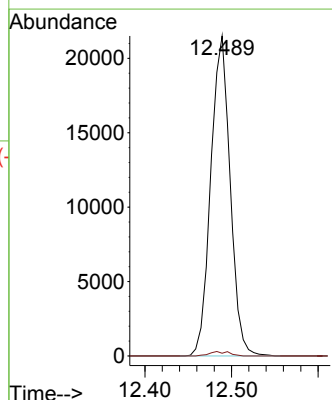
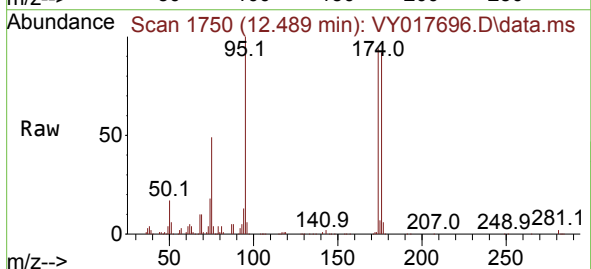
Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-6

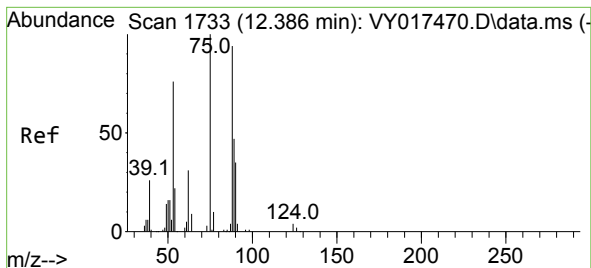
Tgt Ion:152 Resp: 74677
 Ion Ratio Lower Upper
 152 100
 115 54.2 28.2 84.7
 150 155.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 47.219 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY017696.D
 Acq: 18 Mar 2024 18:11

Tgt Ion: 75 Resp: 33504
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#

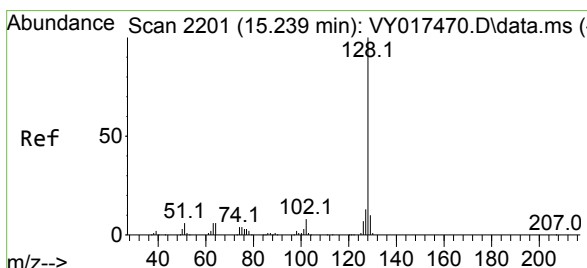
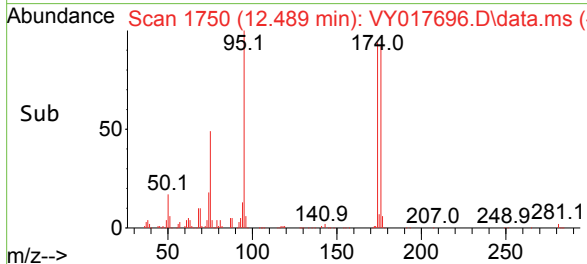
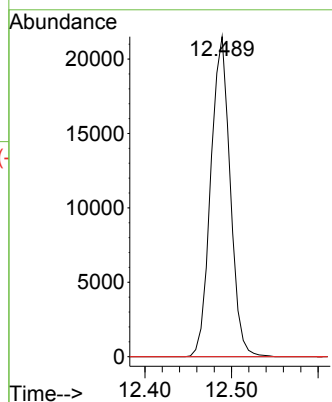
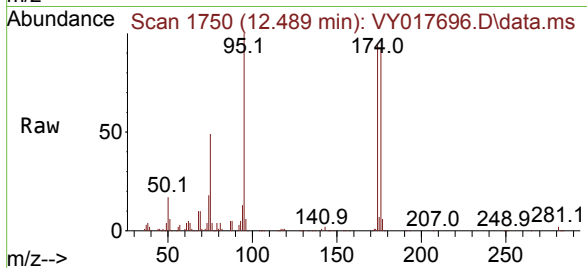




#81
trans-1,4-Dichloro-2-butene
Concen: 108.499 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-6

Tgt Ion: 75 Resp: 33504
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 3.953 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY017696.D
Acq: 18 Mar 2024 18:11

Tgt Ion:128 Resp: 98
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

