

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
 Data File : VY017698.D
 Acq On : 18 Mar 2024 18:59
 Operator : SY/MD
 Sample : P1764-08
 Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-8

Quant Time: Mar 19 04:12:45 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)

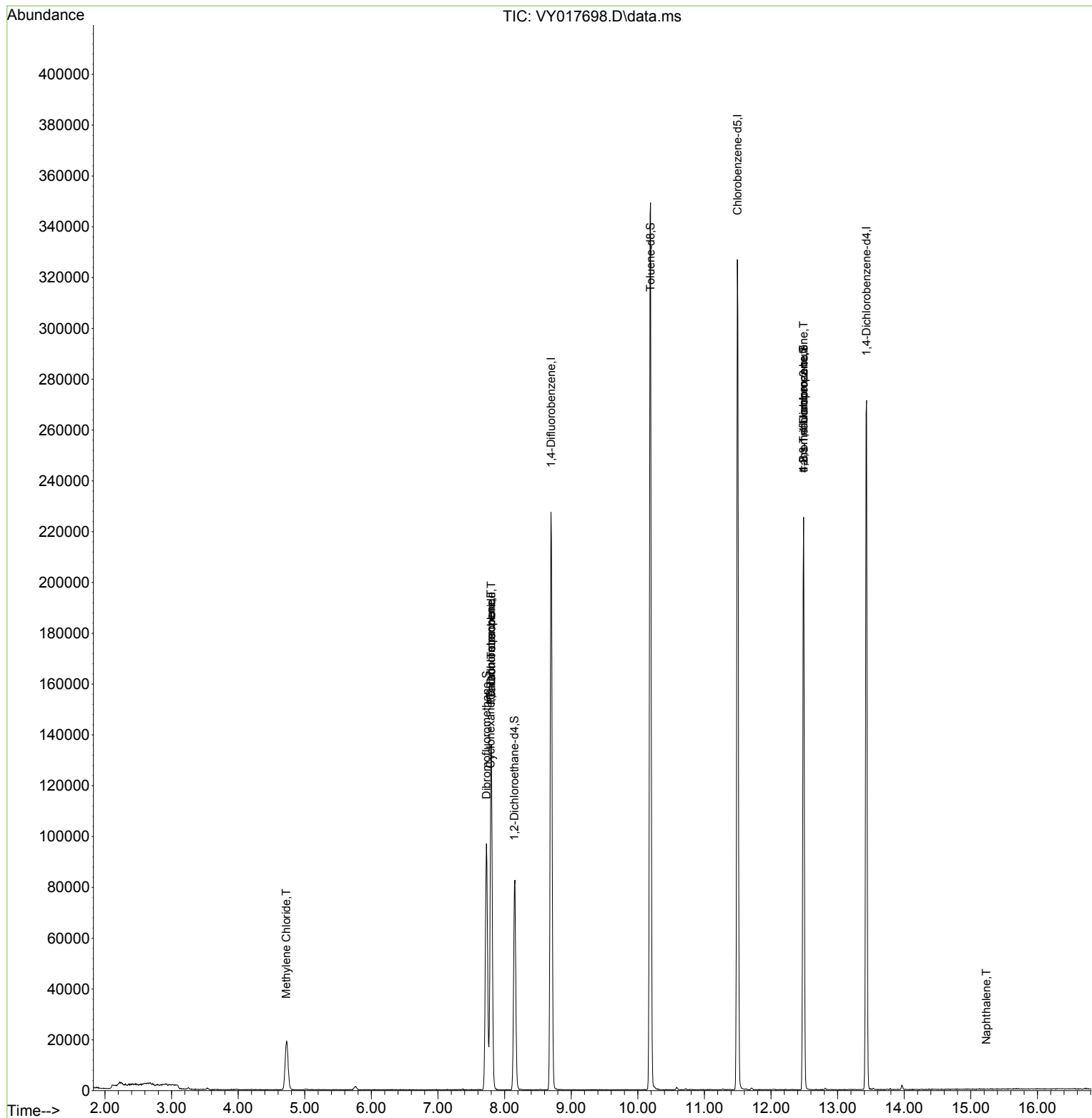
Internal Standards						
1) Pentafluorobenzene	7.795	168	112752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210234	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	193367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	75482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62570	58.554	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.100%
35) Dibromofluoromethane	7.728	113	70422	48.070	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.140%
50) Toluene-d8	10.191	98	239851	46.827	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.660%
62) 4-Bromofluorobenzene	12.489	95	66646	41.402	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.800%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.722	84	16262	8.846	ug/l	94
31) Cyclohexane	7.789	56	1967	1.131	ug/l #	19
36) 1,1-Dichloropropene	7.795	75	7891	3.992	ug/l #	48
38) Carbon Tetrachloride	7.801	117	10553	5.327	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	32919	45.900	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	32919	105.467	ug/l #	16
95) Naphthalene	15.233	128	76	3.944	ug/l #	69

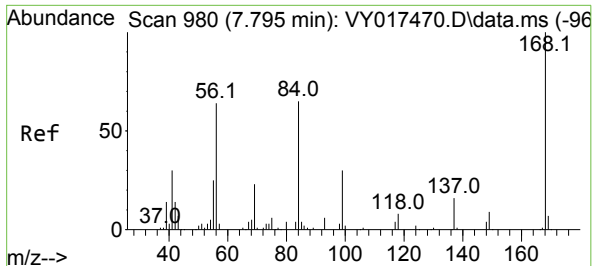
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031824\
Data File : VY017698.D
Acq On : 18 Mar 2024 18:59
Operator : SY/MD
Sample : P1764-08
Misc : 4.54g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

Quant Time: Mar 19 04:12:45 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

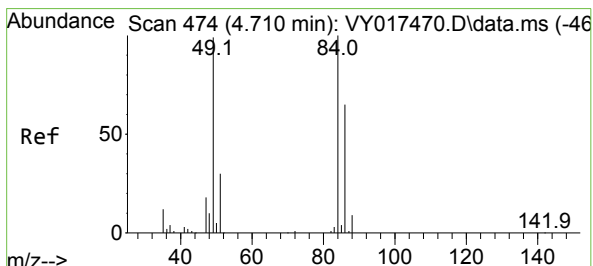
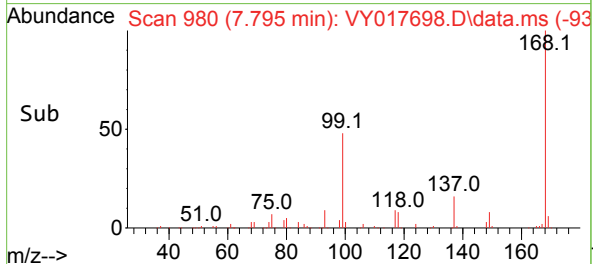
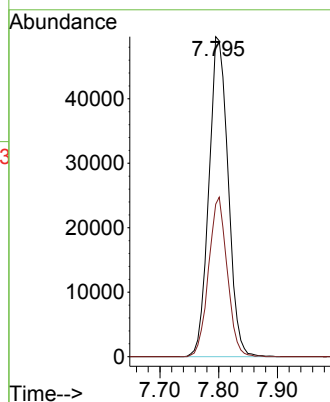
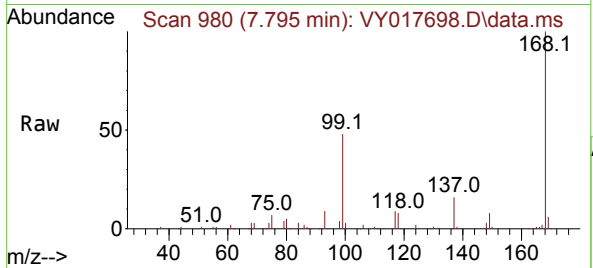




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

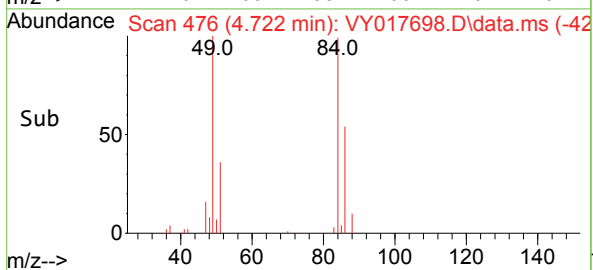
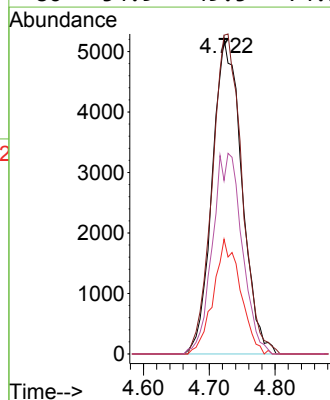
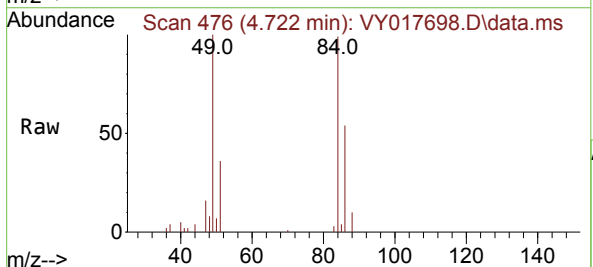
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

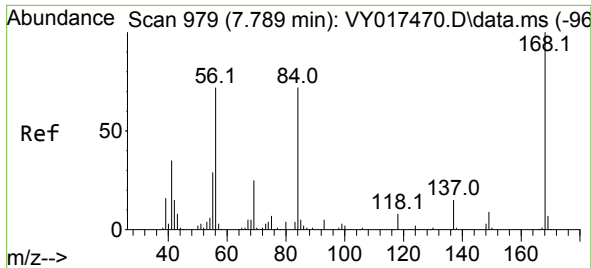
Tgt Ion:168 Resp: 112752
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#20
Methylene Chloride
Concen: 8.846 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion: 84 Resp: 16262
Ion Ratio Lower Upper
84 100
49 100.8 84.4 126.6
51 36.3 26.0 39.0
86 54.9 49.5 74.3

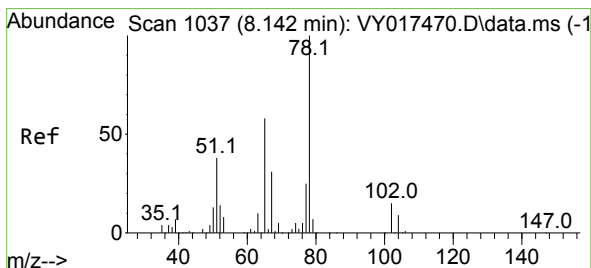
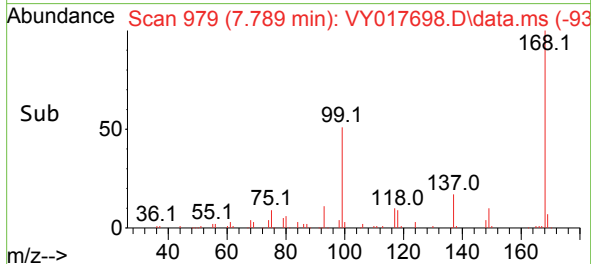
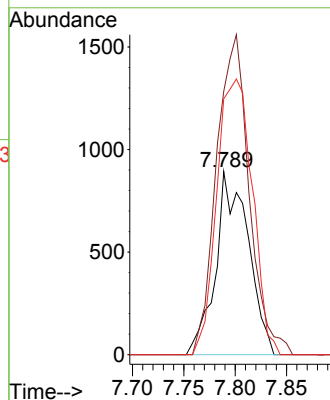
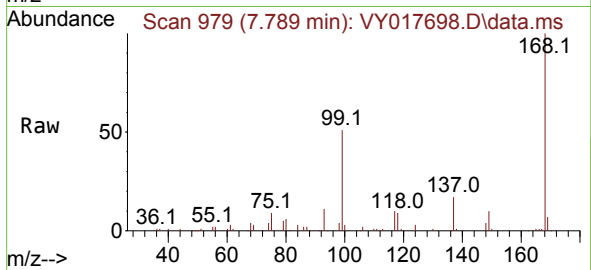




#31
Cyclohexane
Concen: 1.131 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

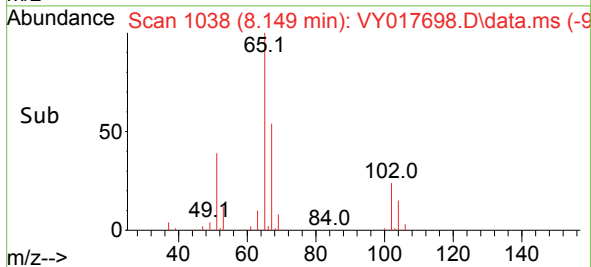
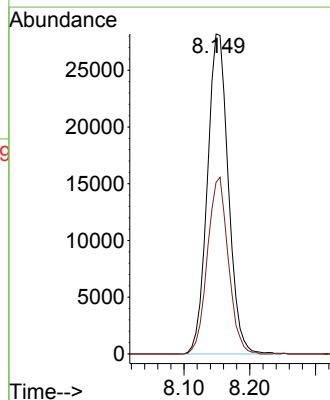
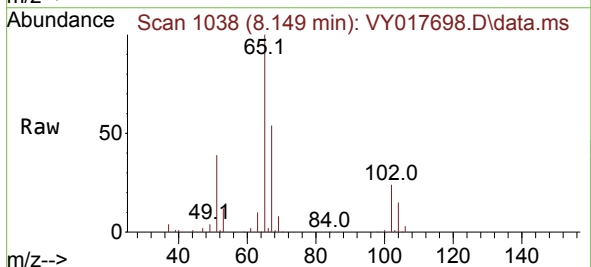
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

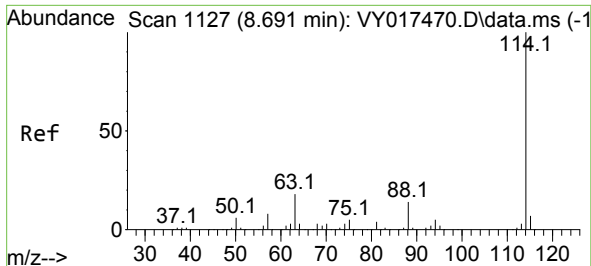
Tgt Ion: 56 Resp: 1967
Ion Ratio Lower Upper
56 100
69 143.7 28.7 43.1#
84 139.8 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.554 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion: 65 Resp: 62570
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6

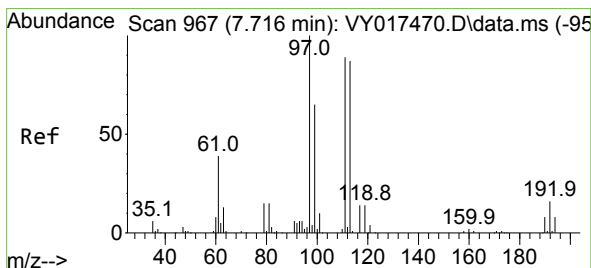
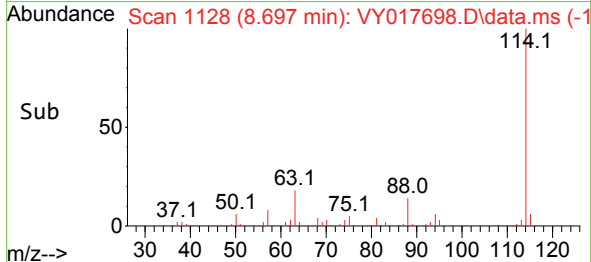
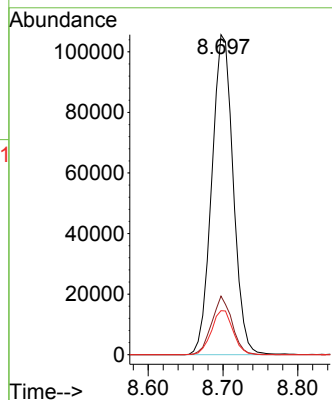
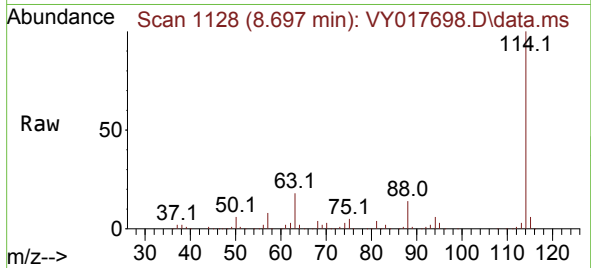




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

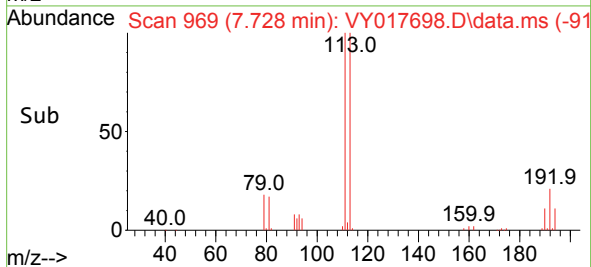
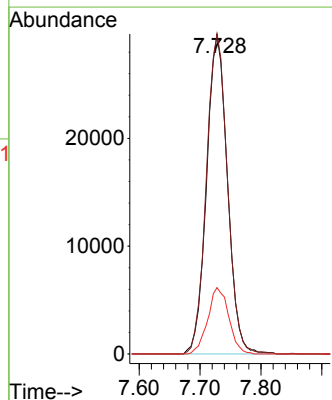
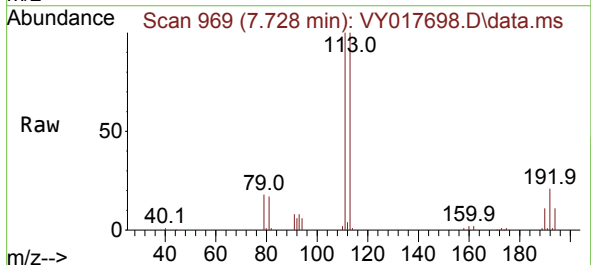
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

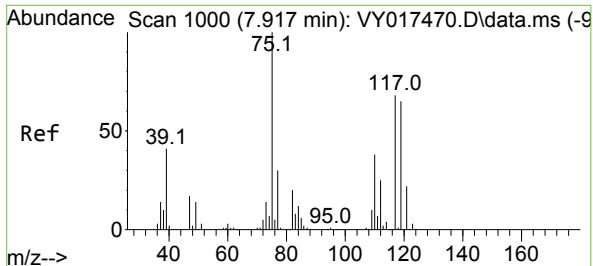
Tgt Ion:114 Resp: 210234
Ion Ratio Lower Upper
114 100
63 18.3 0.0 35.0
88 13.8 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.070 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion:113 Resp: 70422
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 21.0 15.9 23.9

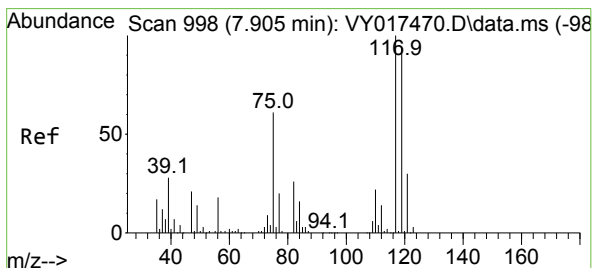
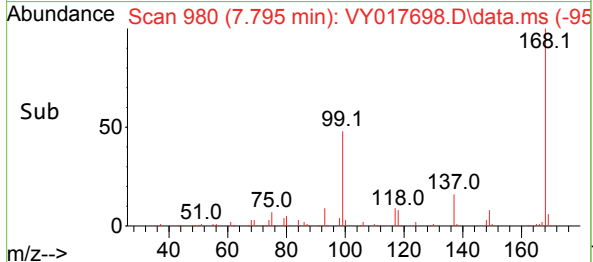
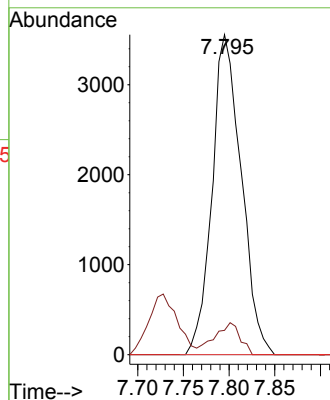
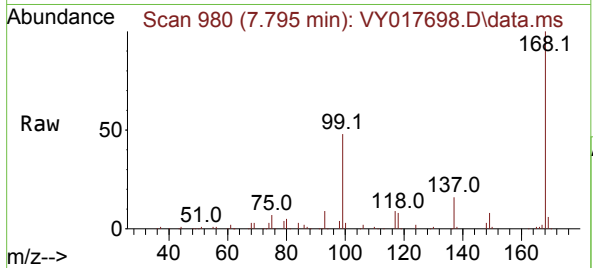




#36
 1,1-Dichloropropene
 Concen: 3.992 ug/l
 RT: 7.795 min Scan# 91
 Delta R.T. -0.122 min
 Lab File: VY017698.D
 Acq: 18 Mar 2024 18:59

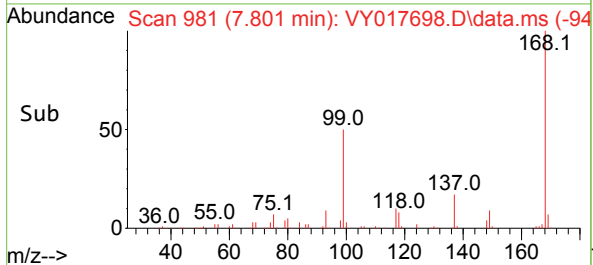
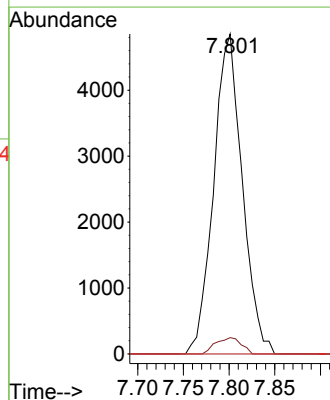
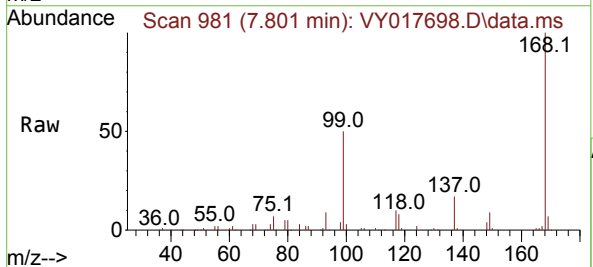
Instrument :
 MSVOA_Y
 ClientSampleId :
 GRAB-8

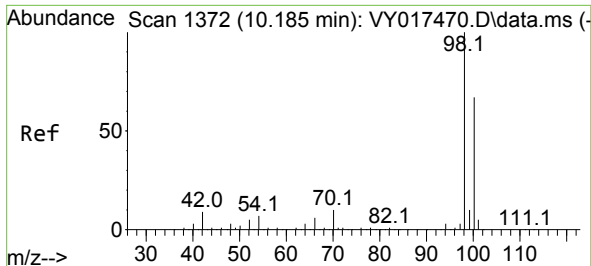
Tgt Ion: 75 Resp: 7891
 Ion Ratio Lower Upper
 75 100
 110 8.7 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.327 ug/l
 RT: 7.801 min Scan# 981
 Delta R.T. -0.104 min
 Lab File: VY017698.D
 Acq: 18 Mar 2024 18:59

Tgt Ion: 117 Resp: 10553
 Ion Ratio Lower Upper
 117 100
 119 5.1 75.8 113.6#
 121 0.0 24.0 36.0#

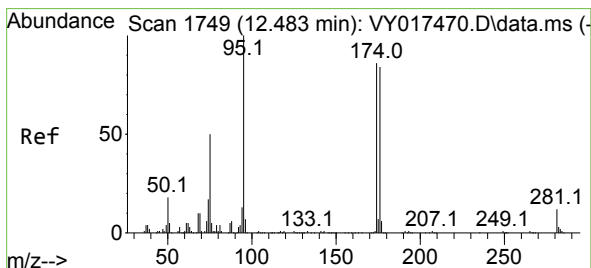
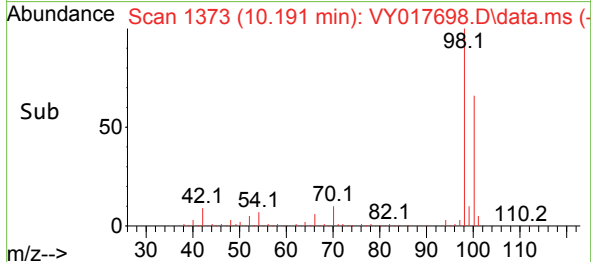
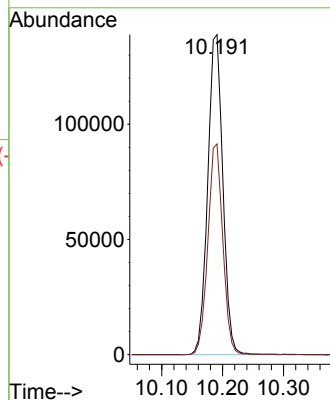
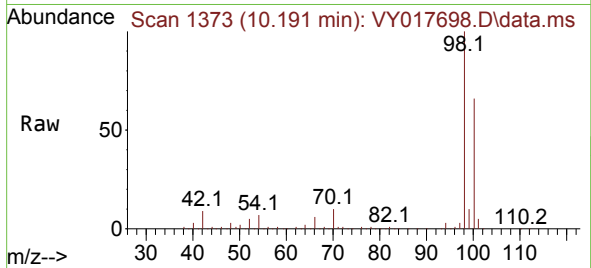




#50
Toluene-d8
Concen: 46.827 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

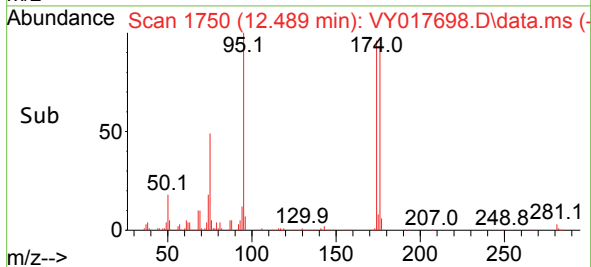
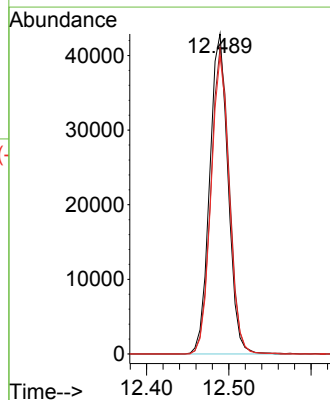
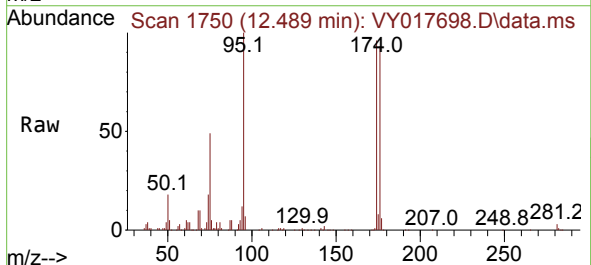
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

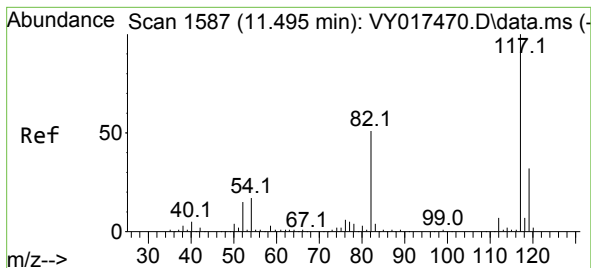
Tgt Ion: 98 Resp: 239851
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.402 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion: 95 Resp: 66646
Ion Ratio Lower Upper
95 100
174 96.2 0.0 175.6
176 92.5 0.0 171.4

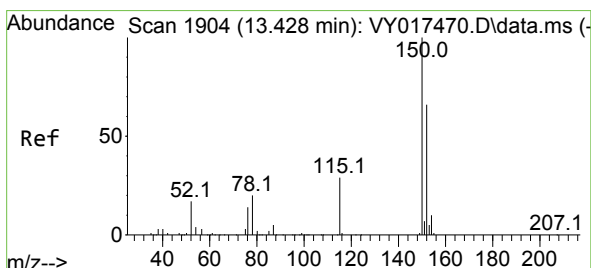
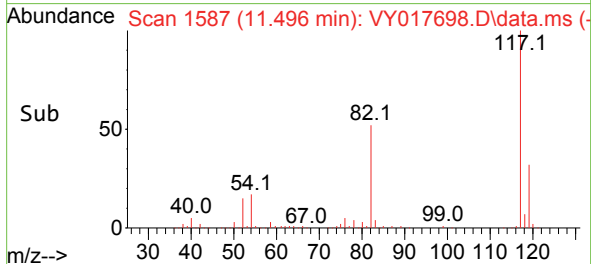
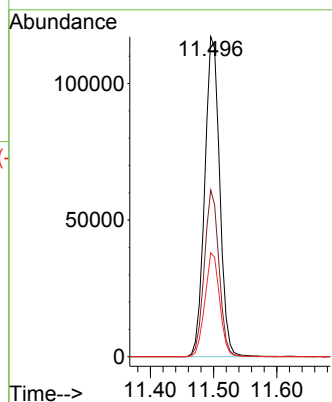
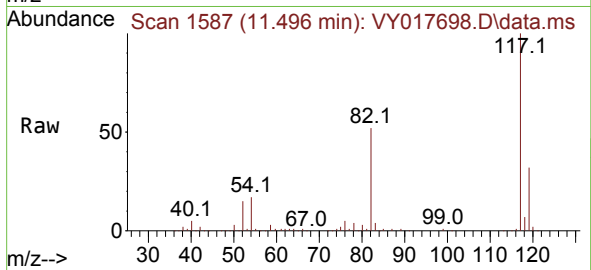




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

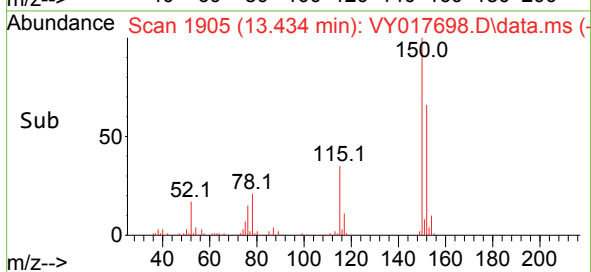
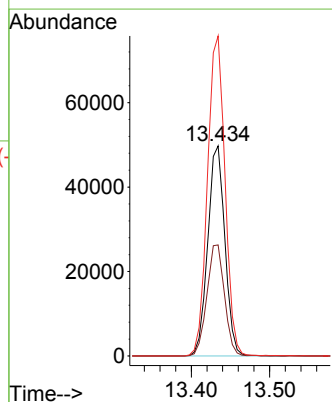
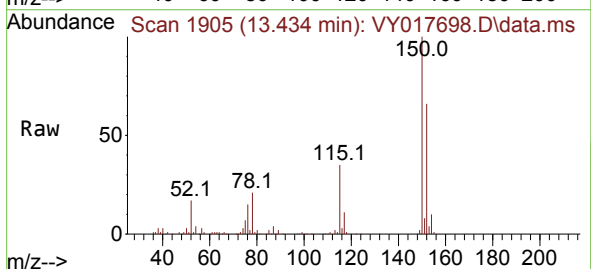
Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8

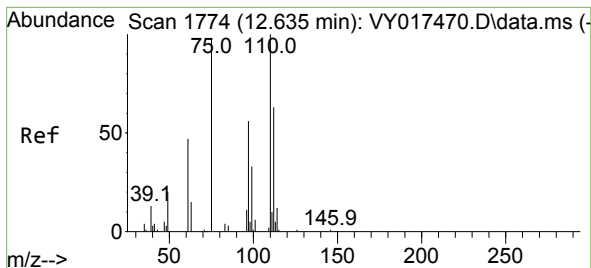
Tgt Ion:117 Resp: 193367
Ion Ratio Lower Upper
117 100
82 52.1 42.4 63.6
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Tgt Ion:152 Resp: 75482
Ion Ratio Lower Upper
152 100
115 54.2 28.2 84.7
150 155.5 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 45.900 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. -0.146 min

Lab File: VY017698.D

Acq: 18 Mar 2024 18:59

Instrument :

MSVOA_Y

ClientSampleId :

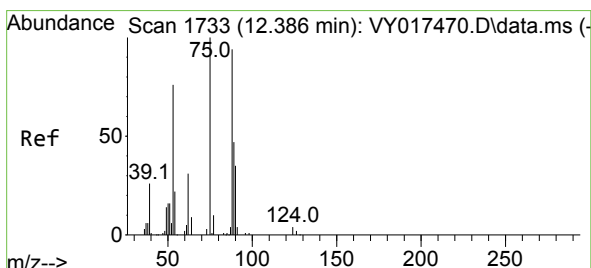
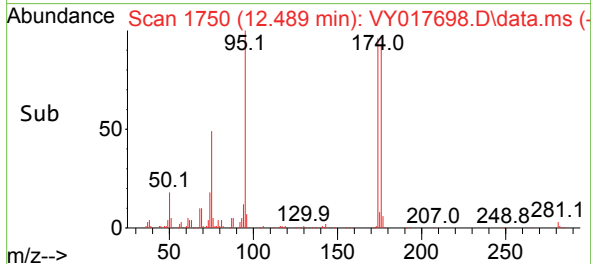
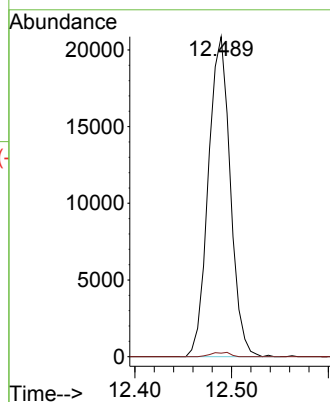
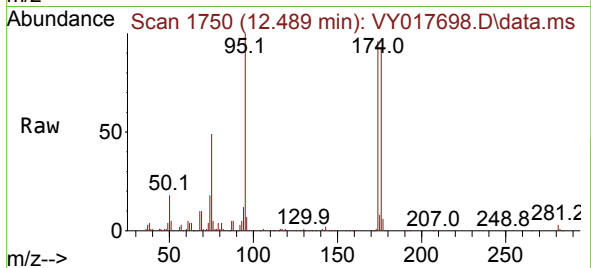
GRAB-8

Tgt Ion: 75 Resp: 32919

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 105.467 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.104 min

Lab File: VY017698.D

Acq: 18 Mar 2024 18:59

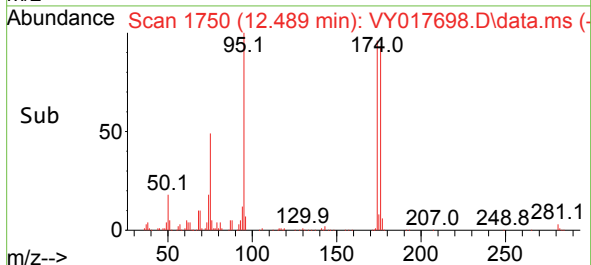
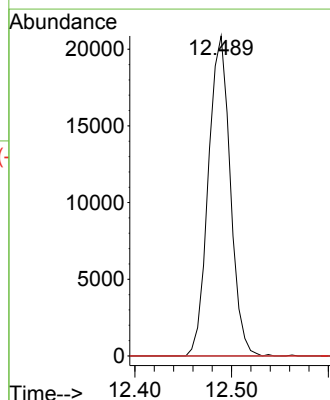
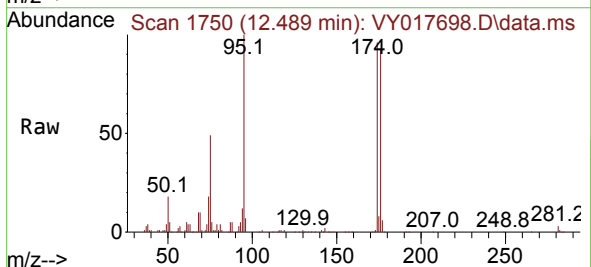
Tgt Ion: 75 Resp: 32919

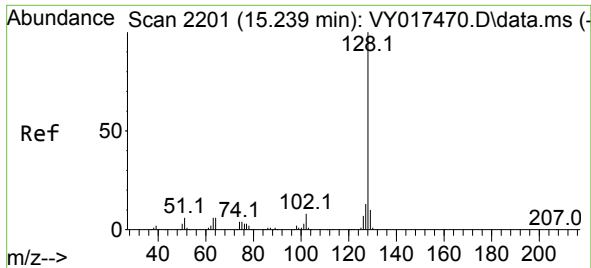
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

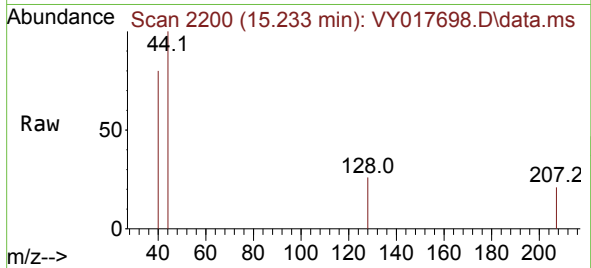
89 0.0 35.8 53.6#





#95
Naphthalene
Concen: 3.944 ug/l
RT: 15.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY017698.D
Acq: 18 Mar 2024 18:59

Instrument :
MSVOA_Y
ClientSampleId :
GRAB-8



Tgt Ion:128 Resp: 76
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.6 13.0#

