

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
 Data File : VY017833.D
 Acq On : 03 Apr 2024 14:12
 Operator : SY/MD
 Sample : P1952-06
 Misc : 3.74g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-B-GRAB

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/04/2024
 Supervised By :Semsettin Yesilyurt 04/04/2024

Quant Time: Apr 04 01:11:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	142158	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	267841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	250491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	100039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	80515	65.452	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.900%
35) Dibromofluoromethane	7.728	113	85941	55.528	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.060%
50) Toluene-d8	10.191	98	331650	57.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.740%
62) 4-Bromofluorobenzene	12.489	95	94338	53.633	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.260%
Target Compounds						
					Qvalue	
16) Acetone	3.966	43	6528	25.672	ug/l #	81
78) n-propylbenzene	12.678	91	11212	1.311	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	9926	1.822	ug/l	99
85) sec-Butylbenzene	13.263	105	13969	1.871	ug/l #	77
89) n-Butylbenzene	13.702	91	12829m	2.234	ug/l	

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

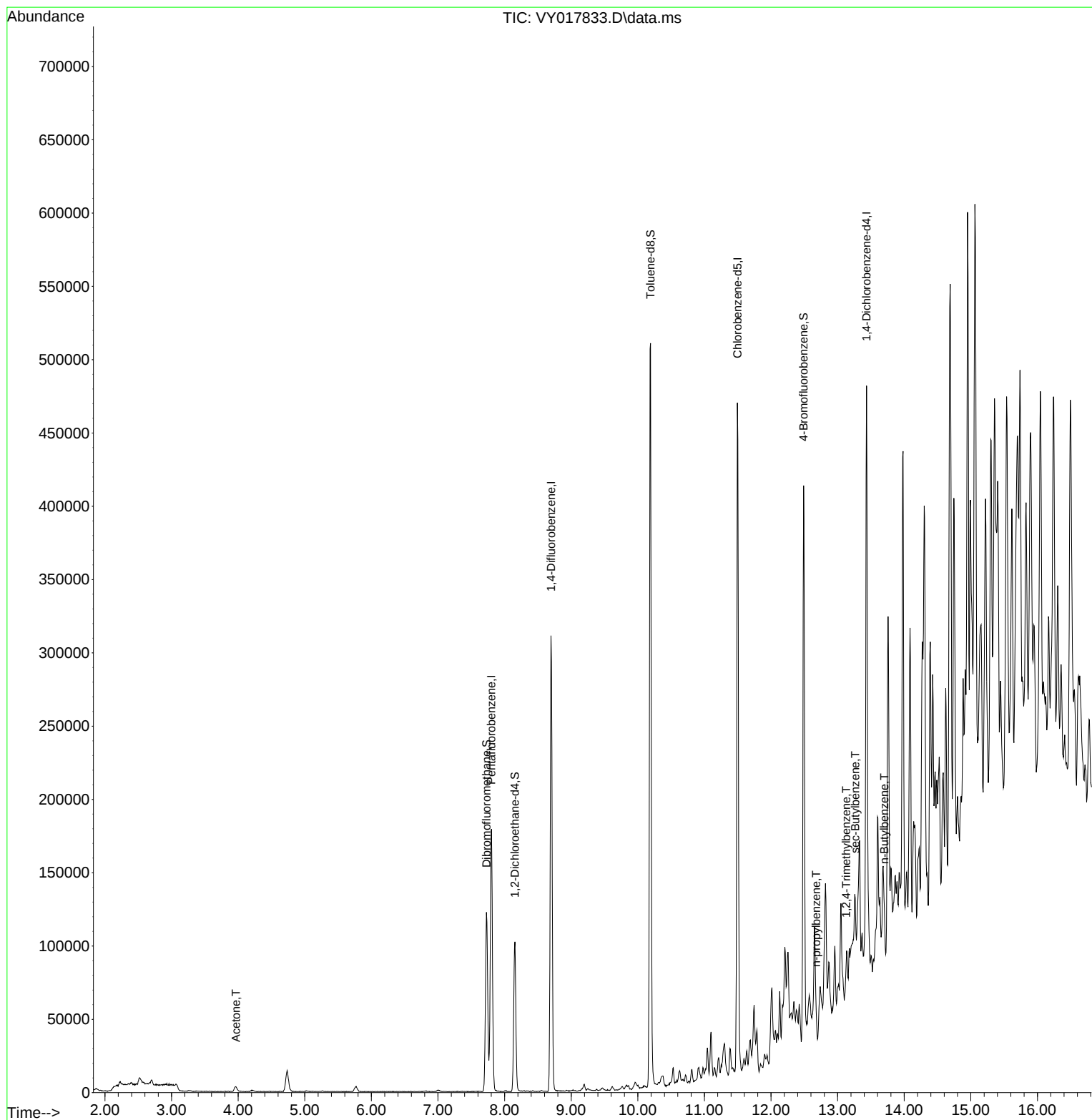
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040324\
Data File : VY017833.D
Acq On : 03 Apr 2024 14:12
Operator : SY/MD
Sample : P1952-06
Misc : 3.74g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

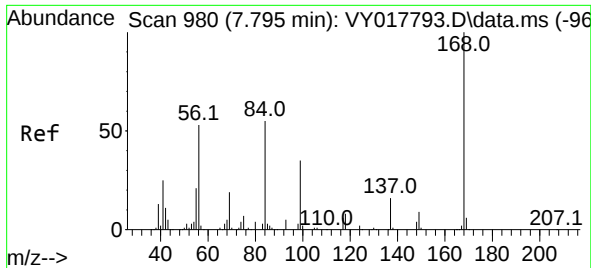
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024

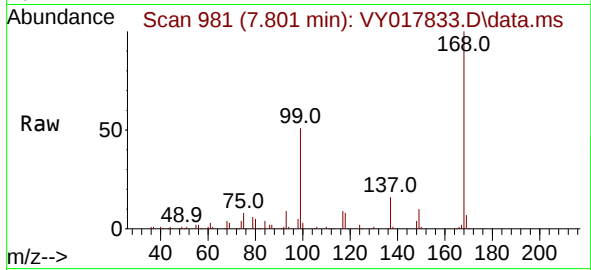
Quant Time: Apr 04 01:11:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 05:58:13 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

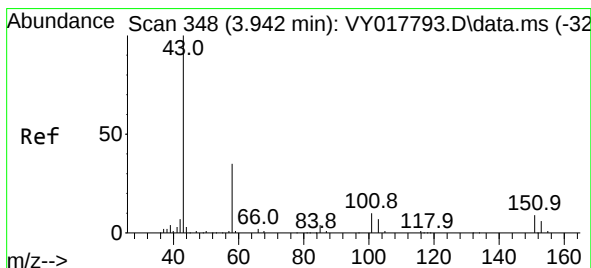
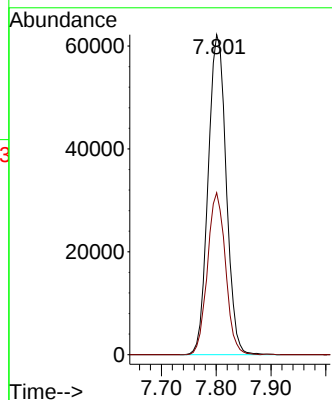
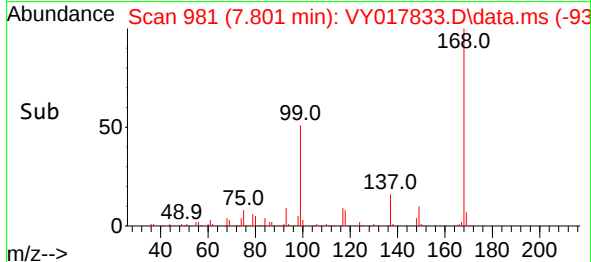
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB



Tgt Ion:168 Resp: 142158
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7

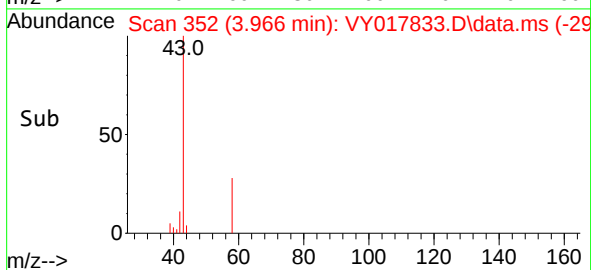
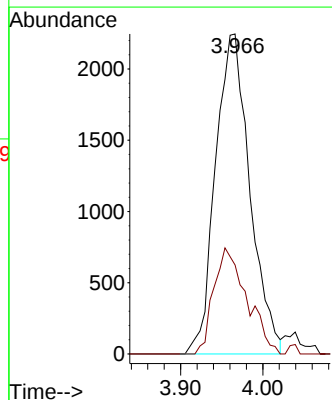
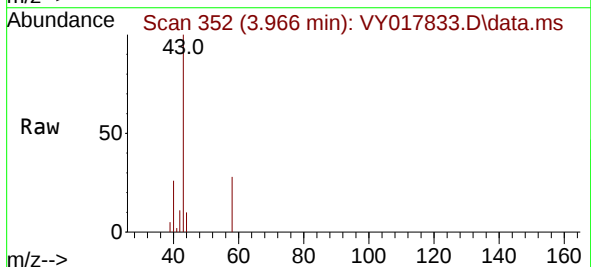
Manual Integrations
APPROVED

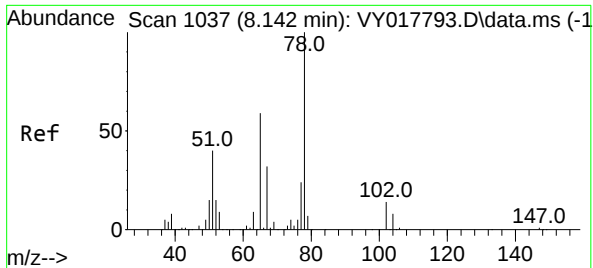
Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024



#16
Acetone
Concen: 25.672 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

Tgt Ion: 43 Resp: 6528
Ion Ratio Lower Upper
43 100
58 27.8 31.7 47.5#





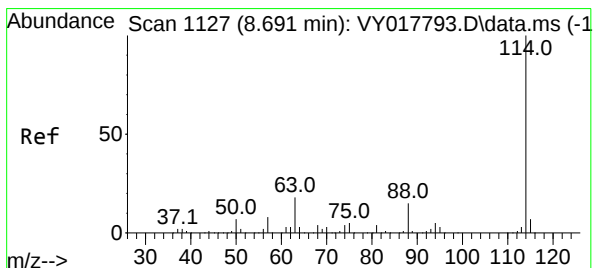
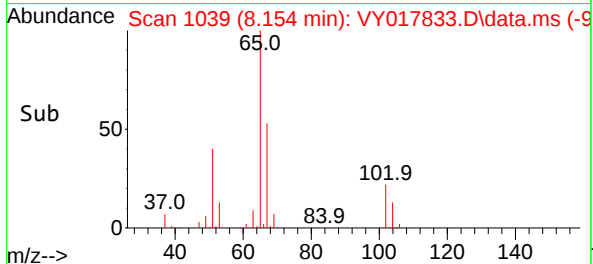
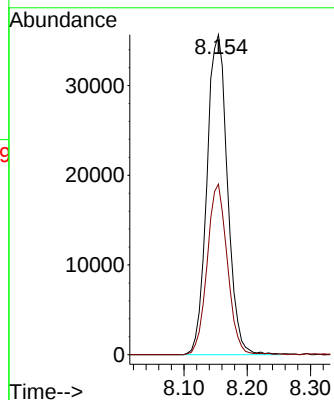
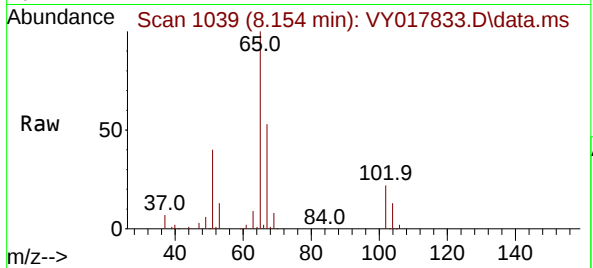
#33
1,2-Dichloroethane-d4
Concen: 65.452 ug/l
RT: 8.154 min Scan# 1039
Delta R.T. 0.012 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB

Tgt Ion: 65 Resp: 8051
Ion Ratio Lower Upper
65 100
67 52.4 0.0 109.6

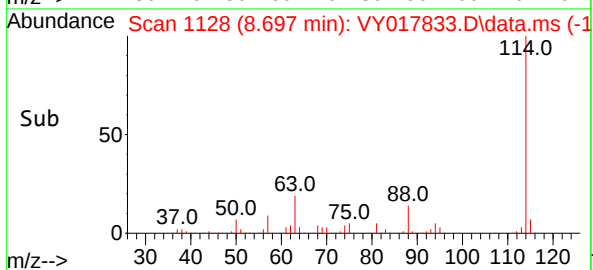
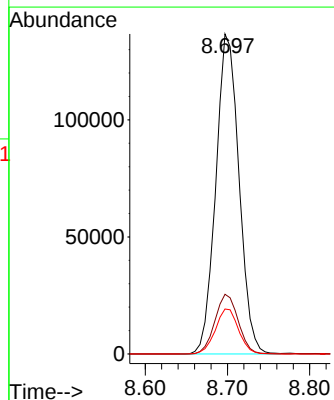
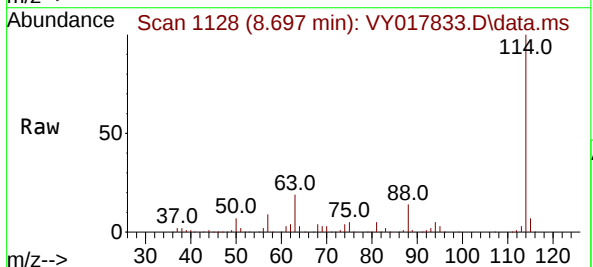
Manual Integrations
APPROVED

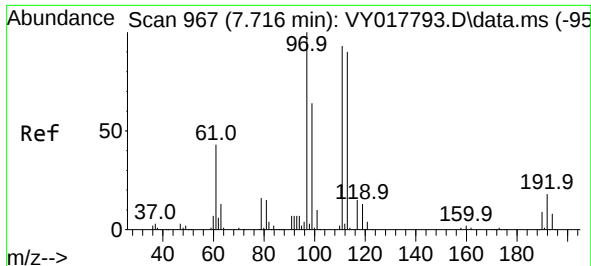
Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

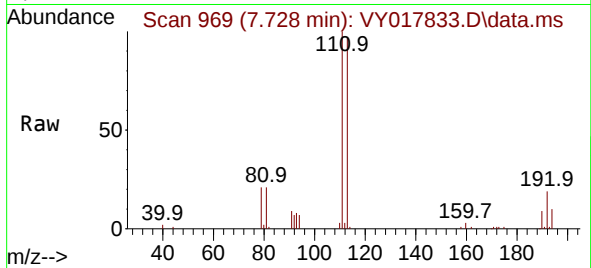
Tgt Ion:114 Resp: 267841
Ion Ratio Lower Upper
114 100
63 18.7 0.0 35.0
88 14.1 0.0 27.2





#35
Dibromofluoromethane
Concen: 55.528 ug/l
RT: 7.728 min Scan# 967
Delta R.T. 0.012 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

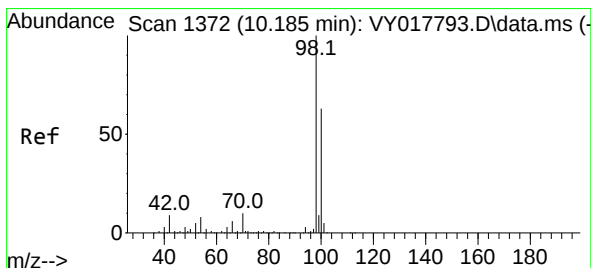
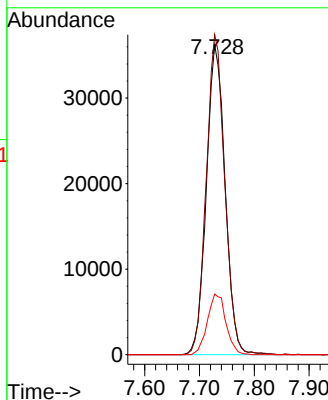
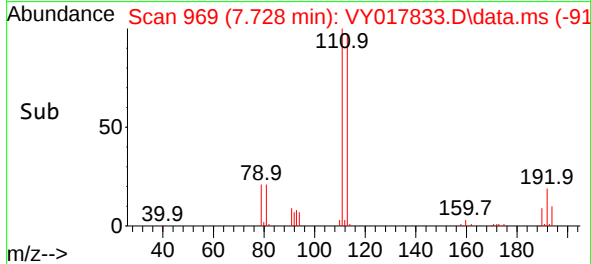
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB



Tgt Ion:113 Resp: 8594
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 19.4 15.9 23.9

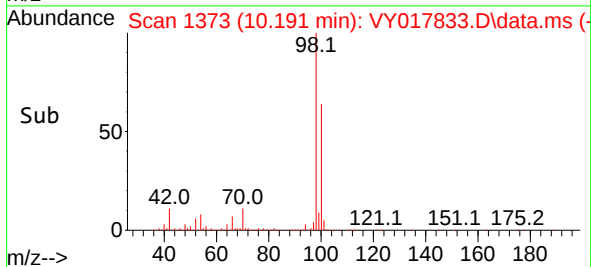
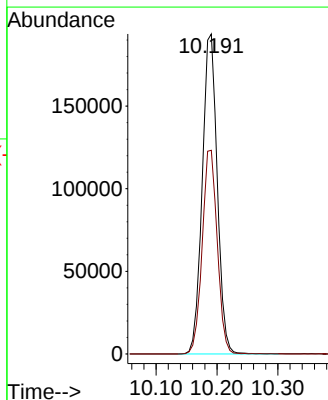
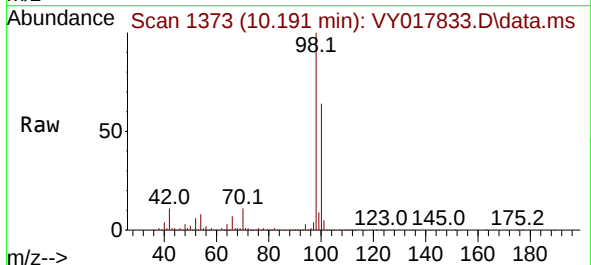
Manual Integrations
APPROVED

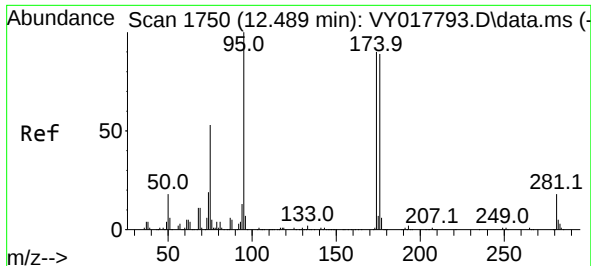
Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024



#50
Toluene-d8
Concen: 57.366 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

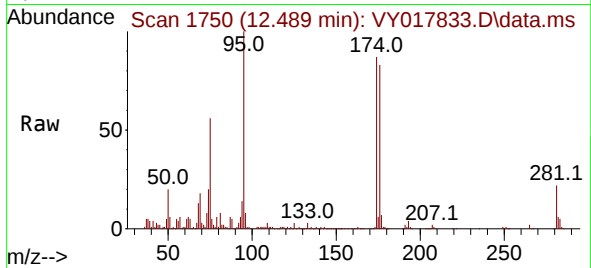
Tgt Ion: 98 Resp: 331650
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 53.633 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

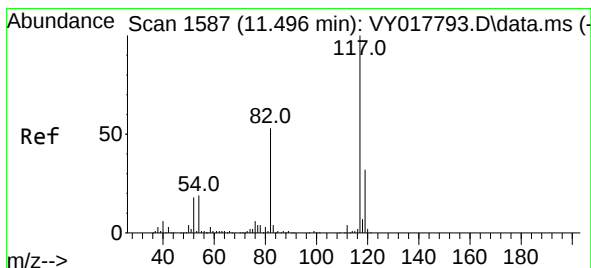
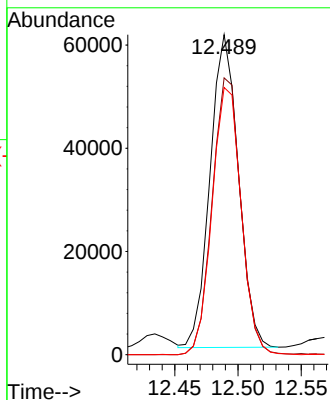
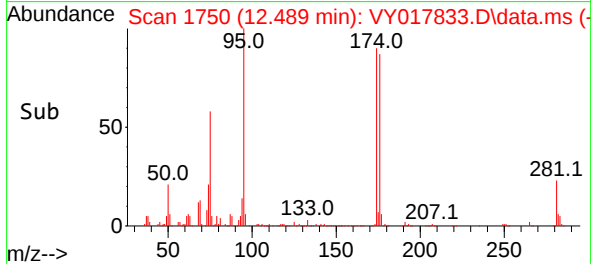
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB



Tgt Ion: 95 Resp: 94338
Ion Ratio Lower Upper
95 100
174 90.0 0.0 175.6
176 87.8 0.0 171.4

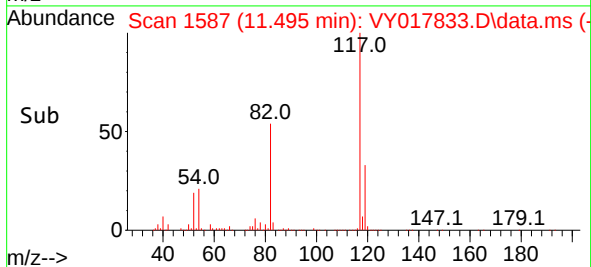
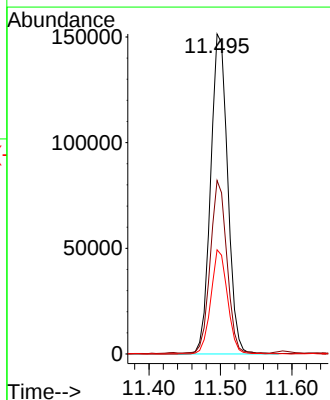
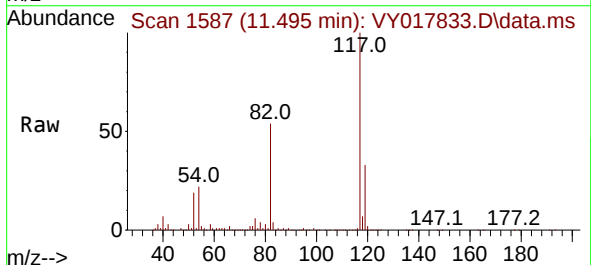
Manual Integrations
APPROVED

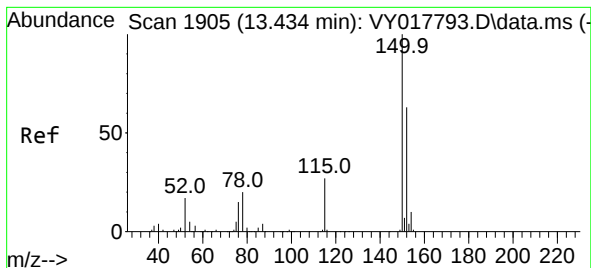
Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

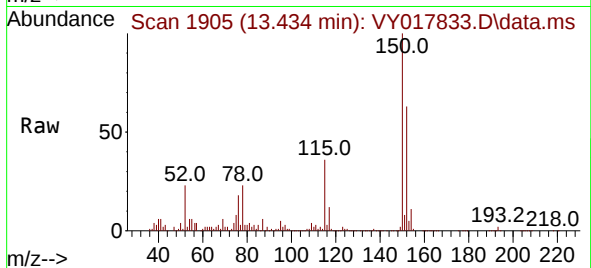
Tgt Ion:117 Resp: 250491
Ion Ratio Lower Upper
117 100
82 53.9 42.4 63.6
119 32.5 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

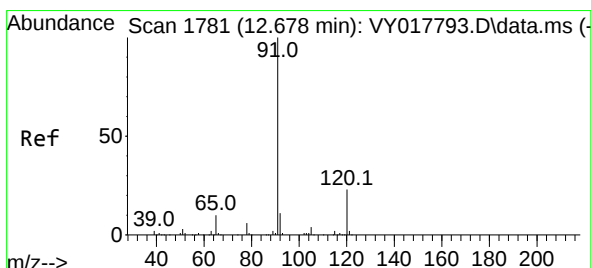
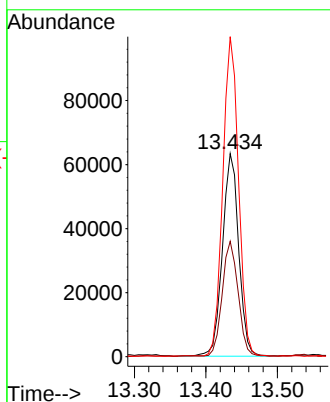
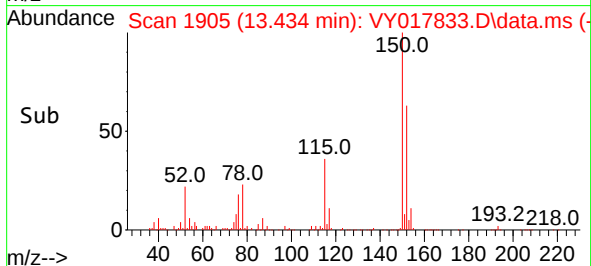
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB



Tgt Ion:152 Resp: 100039
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 152.1 0.0 345.6

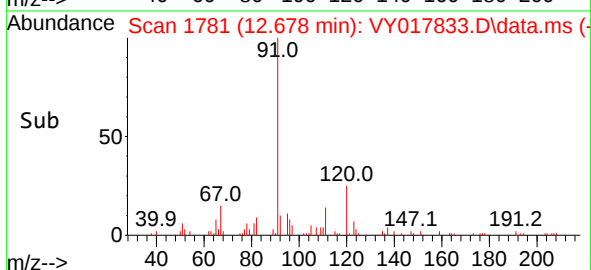
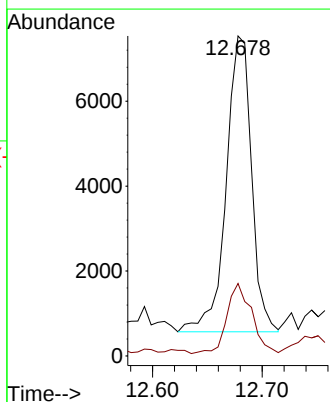
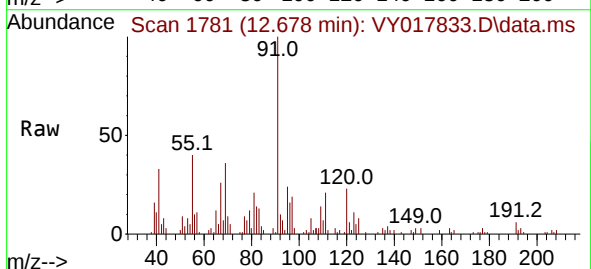
Manual Integrations
APPROVED

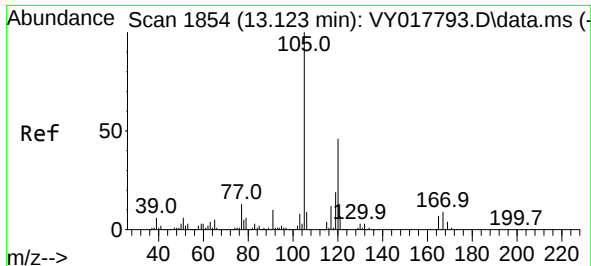
Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024



#78
n-propylbenzene
Concen: 1.311 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

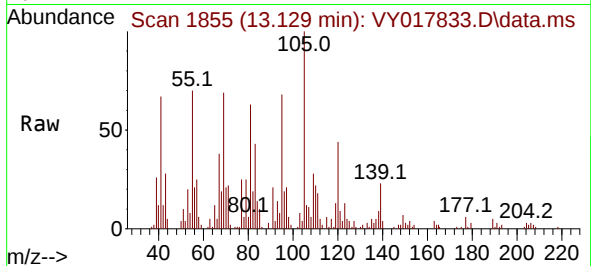
Tgt Ion: 91 Resp: 11212
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4





#84
1,2,4-Trimethylbenzene
Concen: 1.822 ug/l
RT: 13.129 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

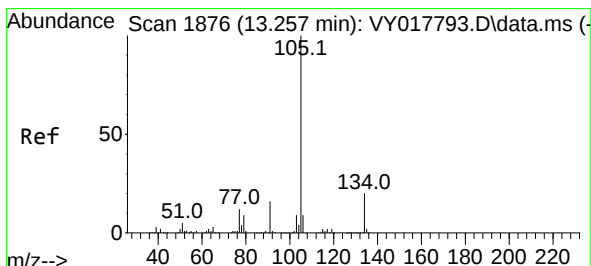
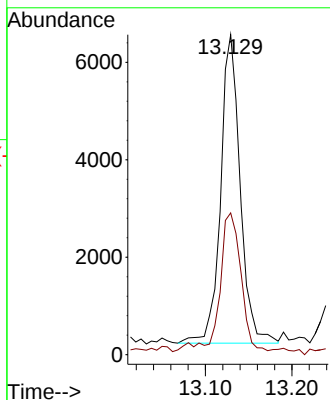
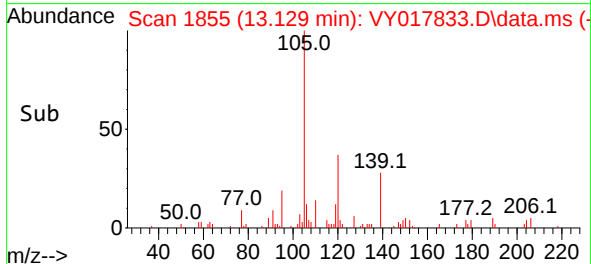
Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB



Tgt Ion:105 Resp: 9920
Ion Ratio Lower Upper
105 100
120 45.7 23.2 69.6

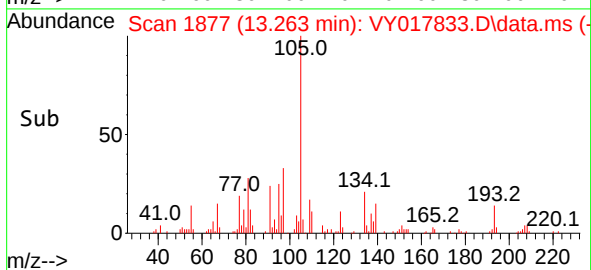
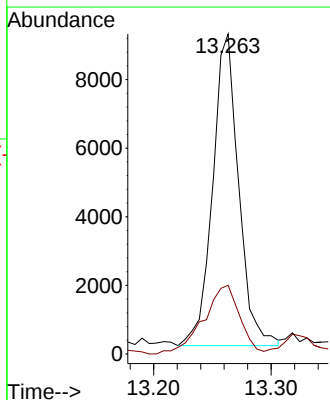
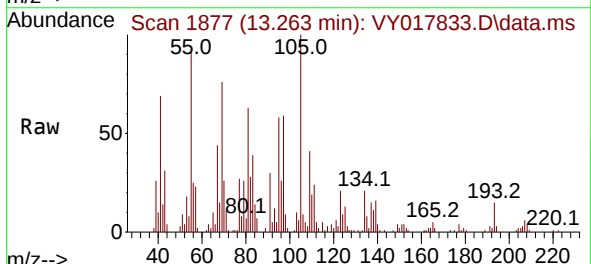
Manual Integrations
APPROVED

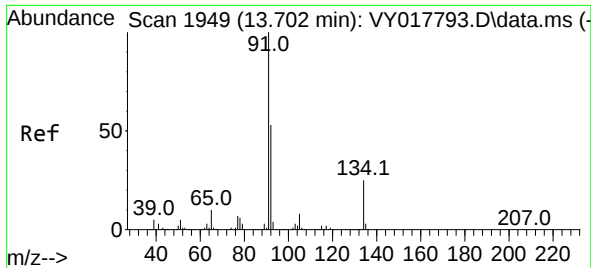
Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024



#85
sec-Butylbenzene
Concen: 1.871 ug/l
RT: 13.263 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

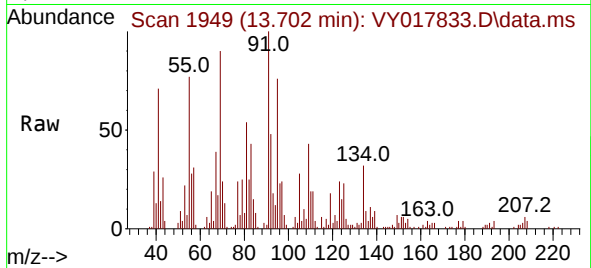
Tgt Ion:105 Resp: 13969
Ion Ratio Lower Upper
105 100
134 30.8 10.1 30.1#





#89
n-Butylbenzene
Concen: 2.234 ug/l m
RT: 13.702 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VY017833.D
Acq: 03 Apr 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :
WC-B-GRAB



Tgt Ion:	91	Resp:	12829
Ion	Ratio	Lower	Upper
91	100		
92	45.7	26.6	79.7
134	0.0	12.9	38.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 04/04/2024
Supervised By :Semsettin Yesilyurt 04/04/2024

