

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015591.D
 Acq On : 16 Sep 2023 00:49
 Operator : SY/MD
 Sample : 04419-03
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-04(30-32)

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

Quant Time: Sep 16 05:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	267626	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	456605	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	434561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	214734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	176645	61.572	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.140%			
35) Dibromofluoromethane	7.728	113	145738	55.415	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.820%			
50) Toluene-d8	10.185	98	555121	58.286	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 116.580%			
62) 4-Bromofluorobenzene	12.483	95	229448	64.895	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 129.800%			
Target Compounds						
17) Carbon Disulfide	4.204	76	21291	2.677	ug/l	98
85) sec-Butylbenzene	13.258	105	163546	9.279	ug/l #	50
89) n-Butylbenzene	13.703	91	132552	9.534	ug/l #	78

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

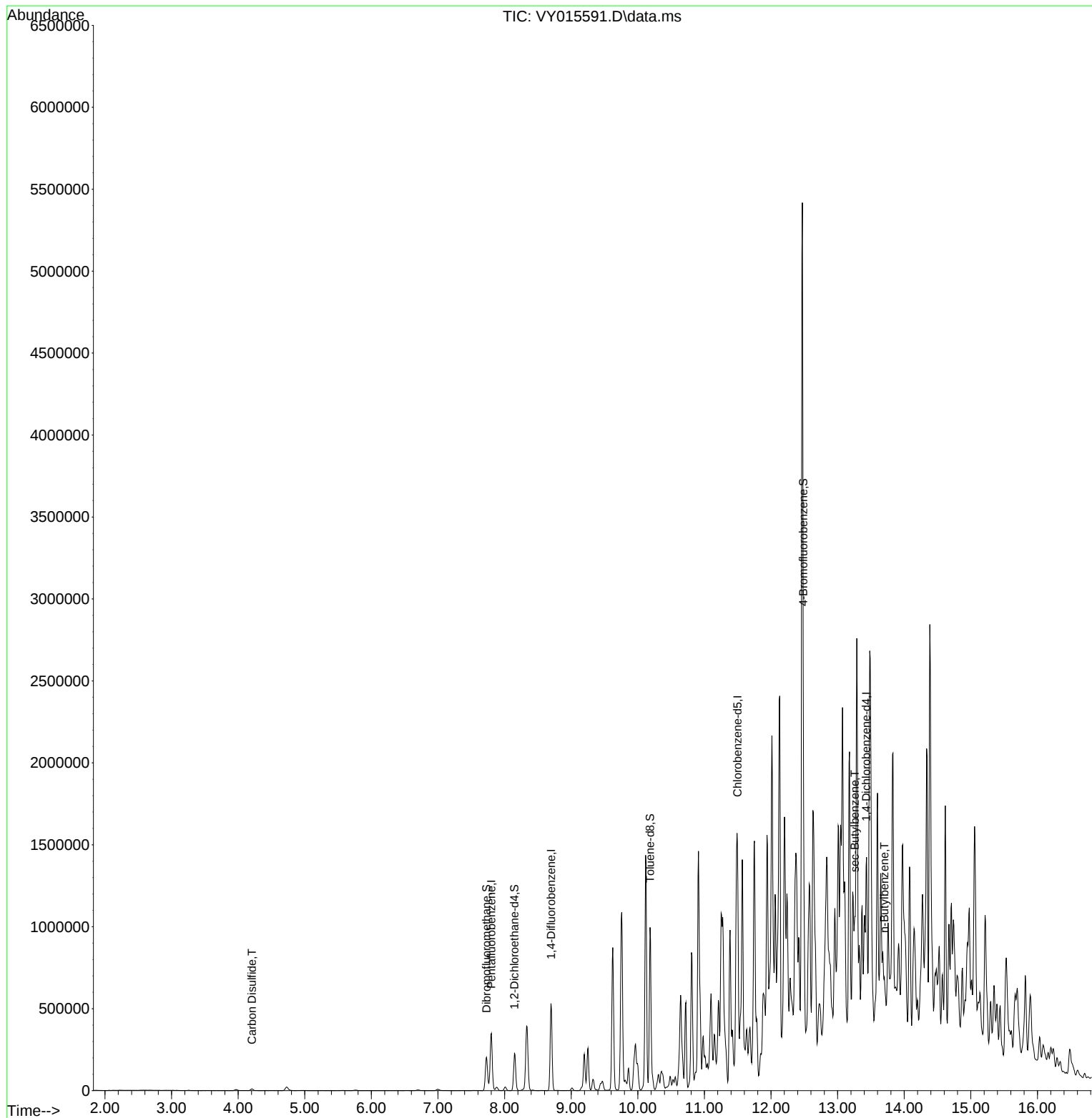
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015591.D
Acq On : 16 Sep 2023 00:49
Operator : SY/MD
Sample : 04419-03
Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 38 Sample Multiplier: 1

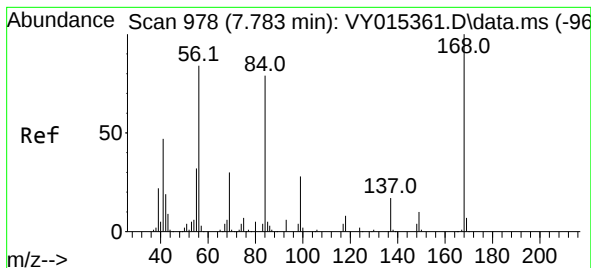
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(30-32)

Quant Time: Sep 16 05:27:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY015591.D

Acq: 16 Sep 2023 00:49

Instrument :

MSVOA_Y

ClientSampleId :

DB-04(30-32)

Tgt Ion:168 Resp: 267620

Ion Ratio Lower Upper

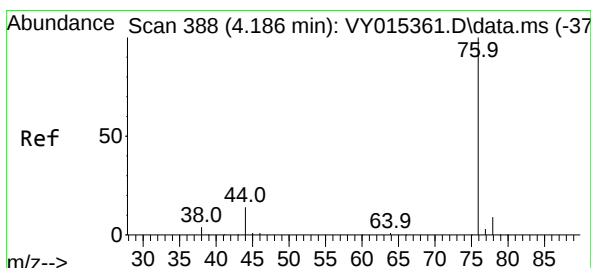
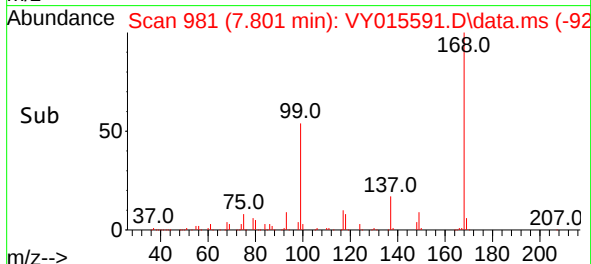
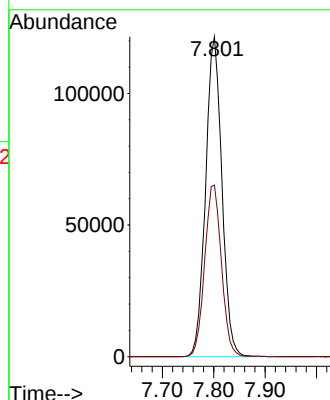
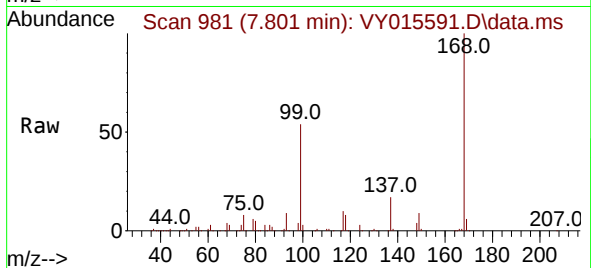
168 100

99 53.7 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#17

Carbon Disulfide

Concen: 2.677 ug/l

RT: 4.204 min Scan# 391

Delta R.T. 0.018 min

Lab File: VY015591.D

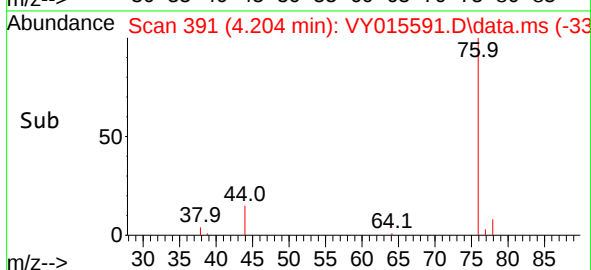
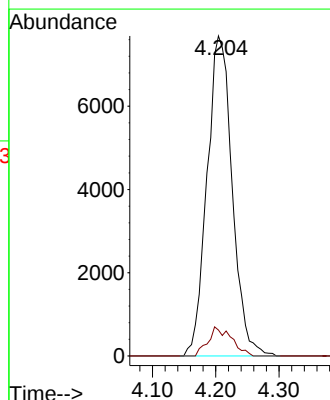
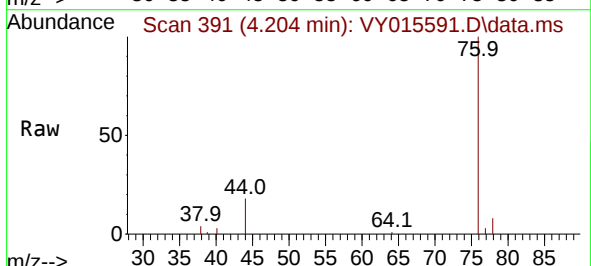
Acq: 16 Sep 2023 00:49

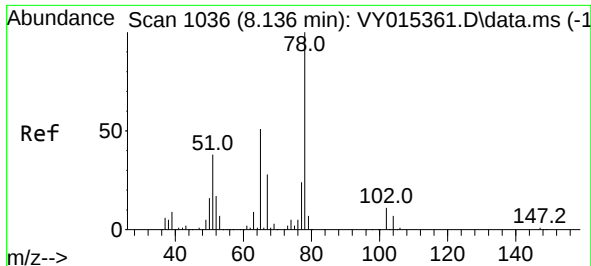
Tgt Ion: 76 Resp: 21291

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.4





#33

1,2-Dichloroethane-d4

Concen: 61.572 ug/l

RT: 8.149 min Scan# 1036

Delta R.T. 0.012 min

Lab File: VY015591.D

Acq: 16 Sep 2023 00:49

Instrument :

MSVOA_Y

ClientSampleId :

DB-04(30-32)

Tgt Ion: 65 Resp: 17664

Ion Ratio Lower Upper

65 100

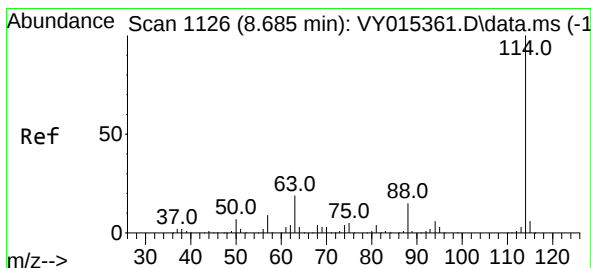
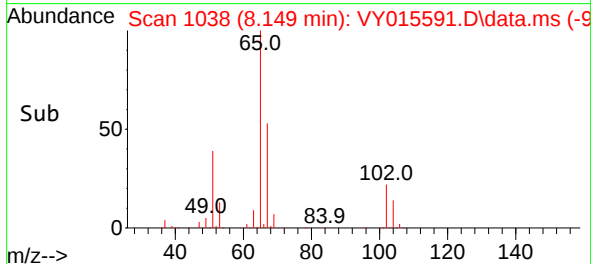
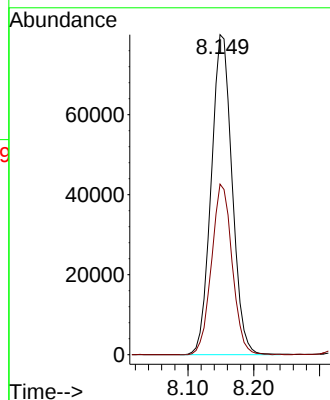
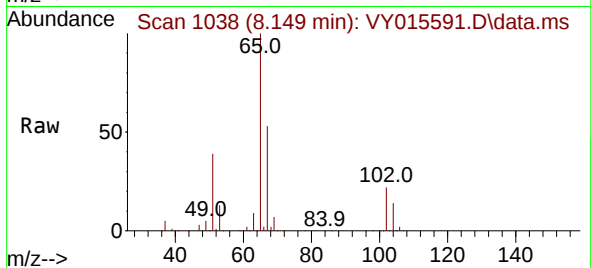
67 52.8 0.0 101.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023

Supervised By :Semsettin Yesilyurt 09/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015591.D

Acq: 16 Sep 2023 00:49

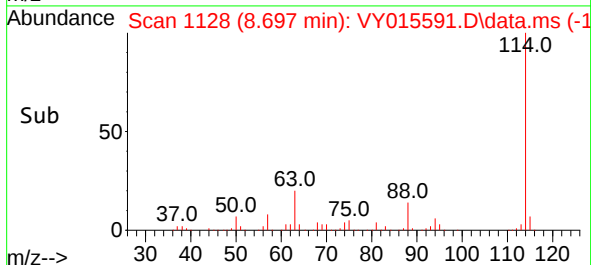
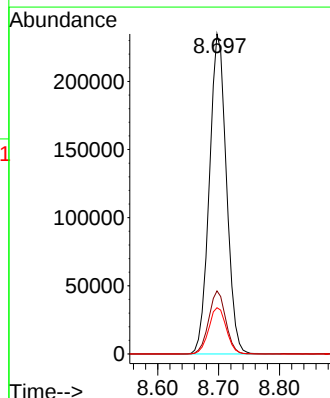
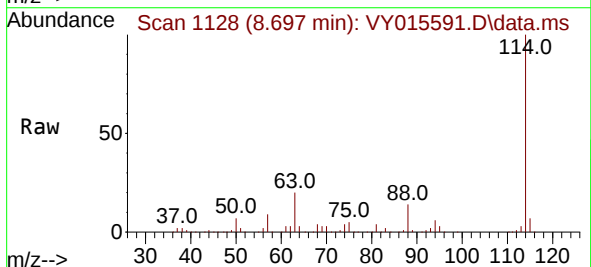
Tgt Ion:114 Resp: 456605

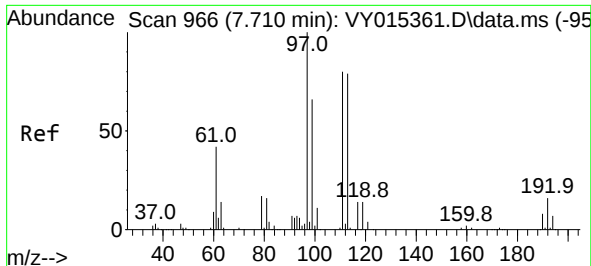
Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

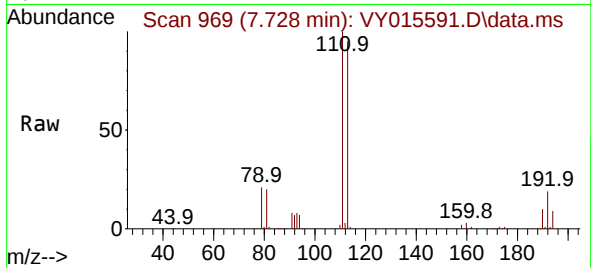
88 14.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 55.415 ug/l
RT: 7.728 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY015591.D
Acq: 16 Sep 2023 00:49

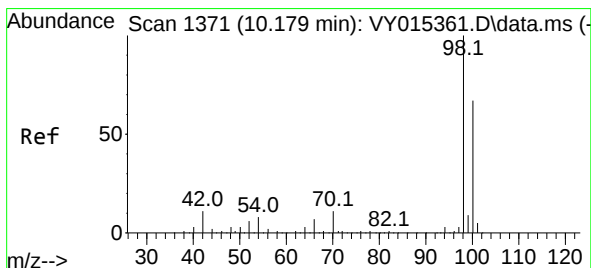
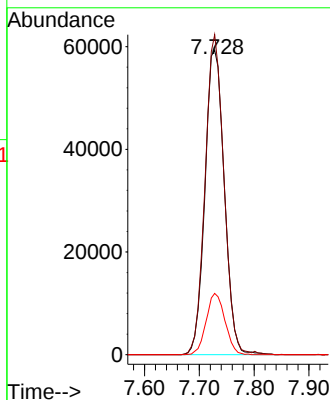
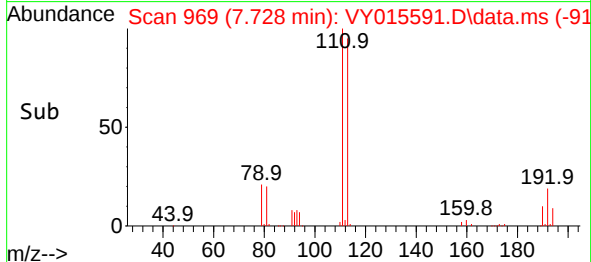
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(30-32)



Tgt Ion:113 Resp: 145738
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 19.5 16.9 25.3

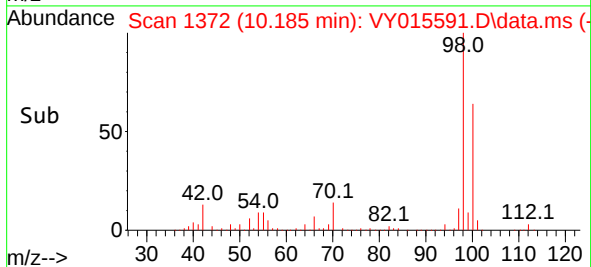
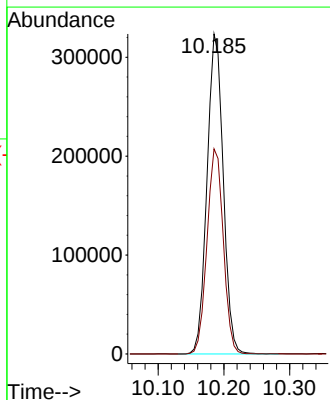
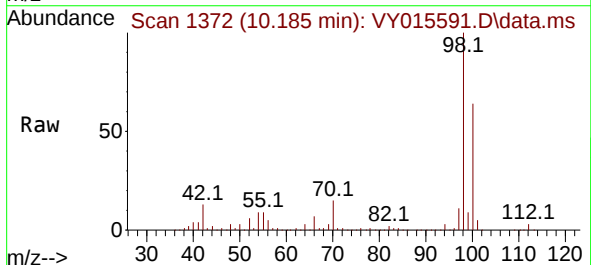
Manual Integrations
APPROVED

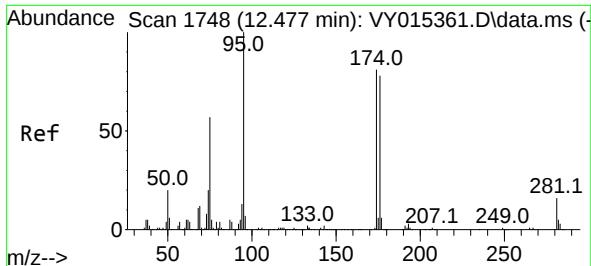
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#50
Toluene-d8
Concen: 58.286 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY015591.D
Acq: 16 Sep 2023 00:49

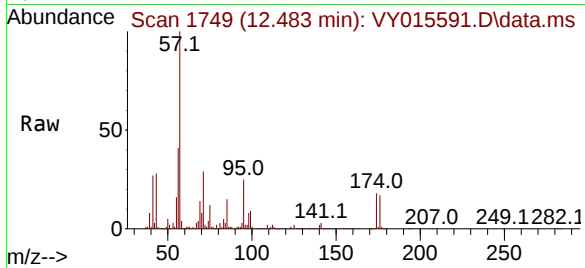
Tgt Ion: 98 Resp: 555121
Ion Ratio Lower Upper
98 100
100 64.3 50.1 75.1





#62
4-Bromofluorobenzene
Concen: 64.895 ug/l
RT: 12.483 min Scan# 1748
Delta R.T. 0.006 min
Lab File: VY015591.D
Acq: 16 Sep 2023 00:49

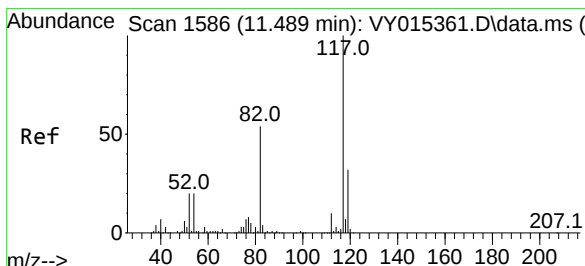
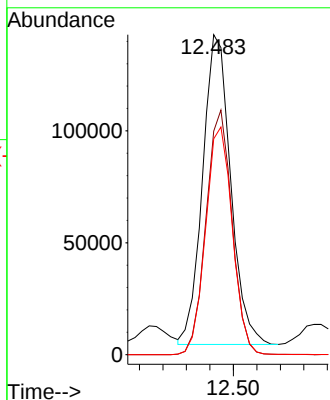
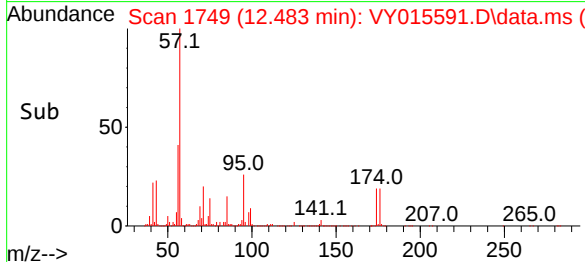
Instrument :
MSVOA_Y
ClientSampleId :
DB-04(30-32)



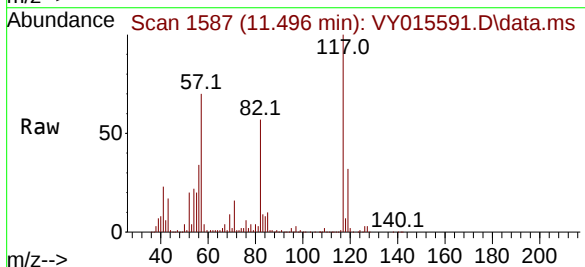
Tgt Ion: 95 Resp: 229448
Ion Ratio Lower Upper
95 100
174 73.3 0.0 178.2
176 70.2 0.0 173.8

Manual Integrations
APPROVED

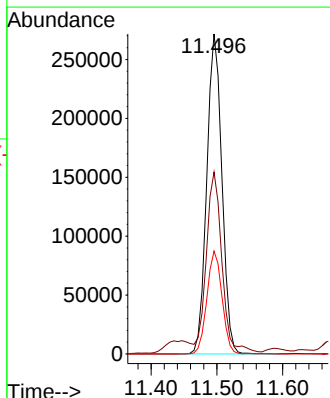
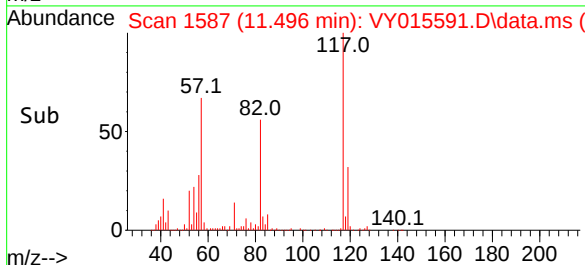
Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023

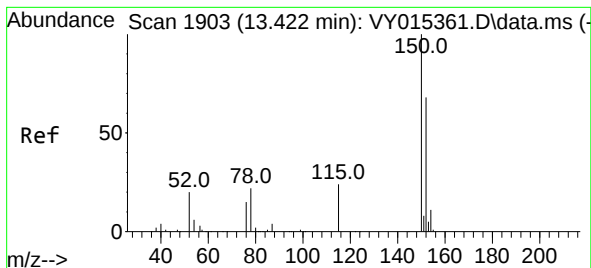


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY015591.D
Acq: 16 Sep 2023 00:49



Tgt Ion:117 Resp: 434561
Ion Ratio Lower Upper
117 100
82 55.2 43.4 65.0
119 32.1 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY015591.D

Acq: 16 Sep 2023 00:49

Instrument :

MSVOA_Y

ClientSampleId :

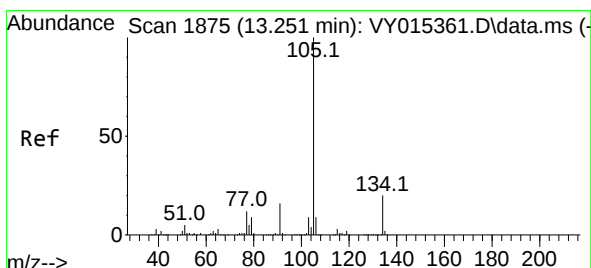
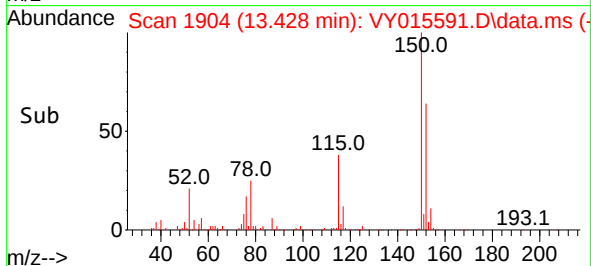
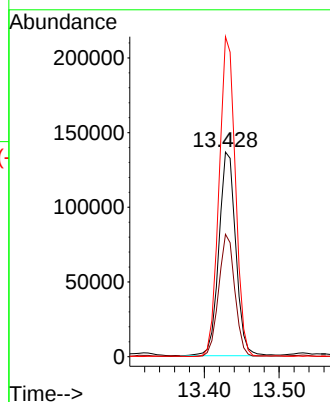
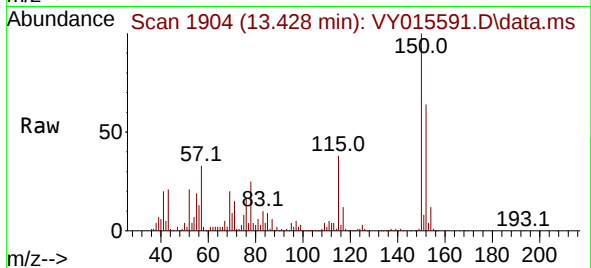
DB-04(30-32)

Tgt Ion:	152	Resp:	214734
Ion Ratio	Lower	Upper	
152	100		
115	57.3	28.8	86.5
150	151.2	0.0	348.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
Supervised By :Semsettin Yesilyurt 09/18/2023



#85

sec-Butylbenzene

Concen: 9.279 ug/l

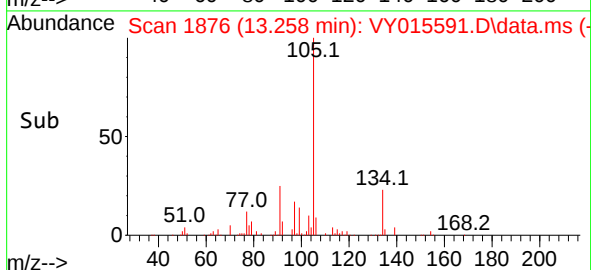
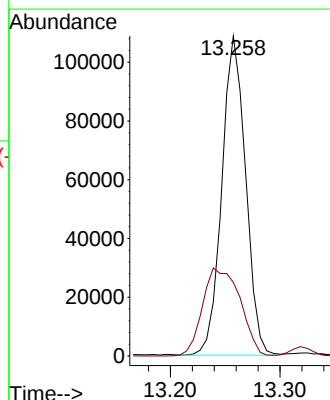
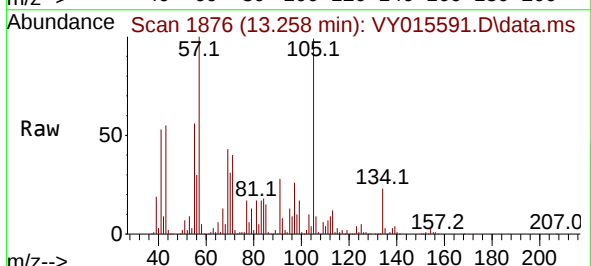
RT: 13.258 min Scan# 1876

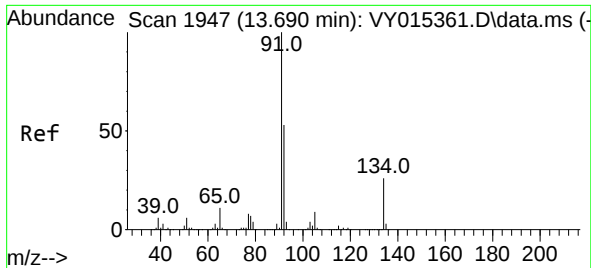
Delta R.T. 0.006 min

Lab File: VY015591.D

Acq: 16 Sep 2023 00:49

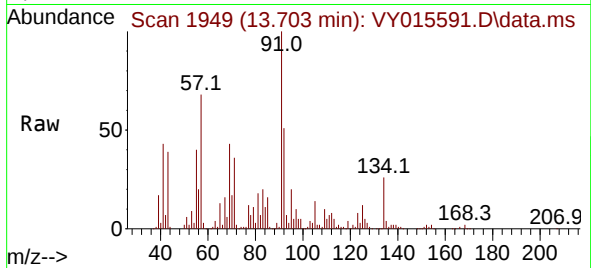
Tgt Ion:	105	Resp:	163546
Ion Ratio	Lower	Upper	
105	100		
134	43.5	10.2	30.6#





#89
 n-Butylbenzene
 Concen: 9.534 ug/l
 RT: 13.703 min Scan# 1949
 Delta R.T. 0.006 min
 Lab File: VY015591.D
 Acq: 16 Sep 2023 00:49

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-04(30-32)



Tgt Ion: 91 Resp: 132552

Ion	Ratio	Lower	Upper
91	100		
92	44.6	25.4	76.0
134	0.0	12.6	37.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

