

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
 Data File : VX037483.D
 Acq On : 02 Sep 2023 15:16
 Operator : JC/MD
 Sample : 04232-11DL 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 50088DL

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
 Supervised By :Semsettin Yesilyurt 09/05/2023

Quant Time: Sep 04 04:28:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	154988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	254658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98917	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91244	40.835	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	81.680%		
35) Dibromofluoromethane	5.385	113	76607	45.423	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.840%		
50) Toluene-d8	8.647	98	297198	48.580	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.160%		
62) 4-Bromofluorobenzene	11.079	95	105734	43.979	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.960%		
Target Compounds					Qvalue	
16) Acetone	2.386	43	5557	6.357	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	2532	0.418	ug/l	94
31) Cyclohexane	5.483	56	2632	1.048	ug/l #	92
37) Ethyl Acetate	4.721	43	7577	3.096	ug/l #	94
39) Methylcyclohexane	7.379	83	9088	3.610	ug/l	91
40) Benzene	6.037	78	67341	9.799	ug/l	97
44) Trichloroethene	7.123	130	837	0.430	ug/l	92
52) Toluene	8.720	92	562504	123.886	ug/l	100
67) Ethyl Benzene	10.195	91	229195	28.068	ug/l	99
68) m/p-Xylenes	10.299	106	322117	102.149	ug/l	96
69) o-Xylene	10.640	106	155756	50.063	ug/l	98
73) Isopropylbenzene	10.963	105	24336	3.385	ug/l	100
78) n-propylbenzene	11.305	91	52899	6.607	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	75950	12.663	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	294972	48.664	ug/l	96
85) sec-Butylbenzene	11.890	105	7049m	1.055	ug/l	
86) p-Isopropyltoluene	12.006	119	4114	0.715	ug/l	92
89) n-Butylbenzene	12.329	91	17245	3.617	ug/l #	35
95) Naphthalene	13.774	128	34761	4.213	ug/l	98

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

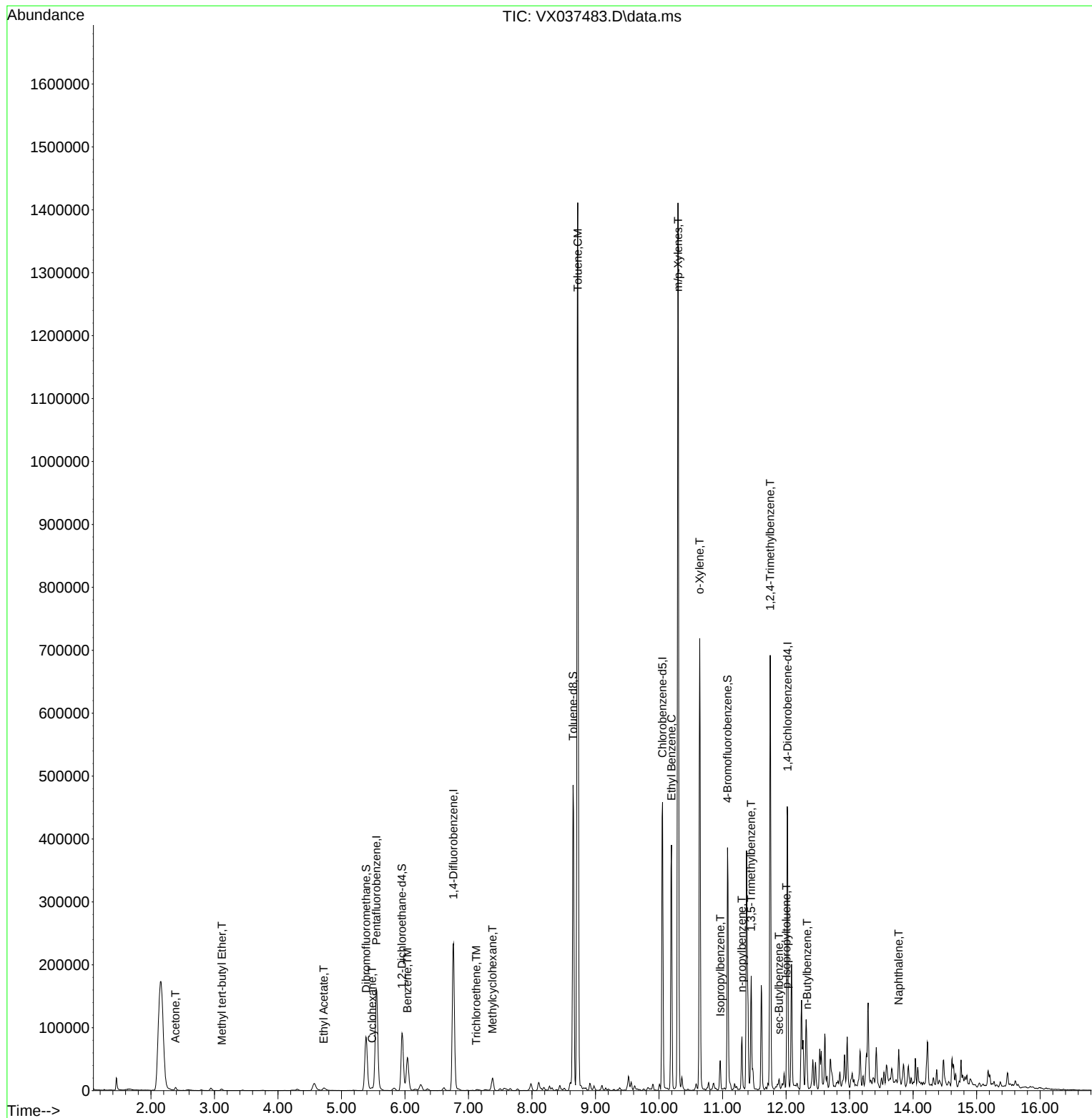
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090223\
Data File : VX037483.D
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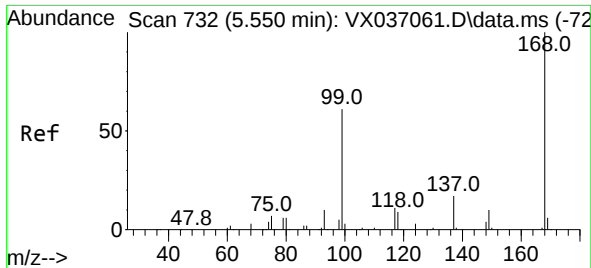
Instrument :
MSVOA_X
ClientSampleId :
50088DL

Quant Time: Sep 04 04:28:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration

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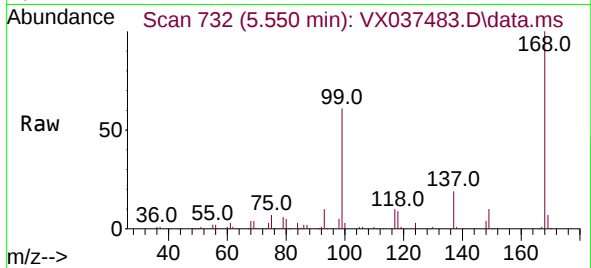
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

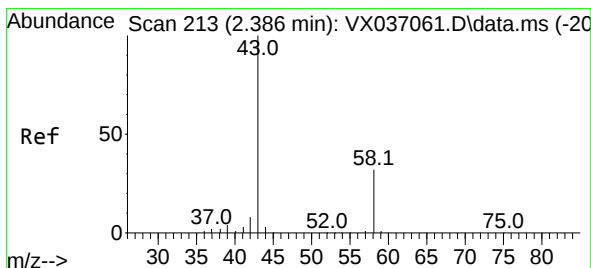
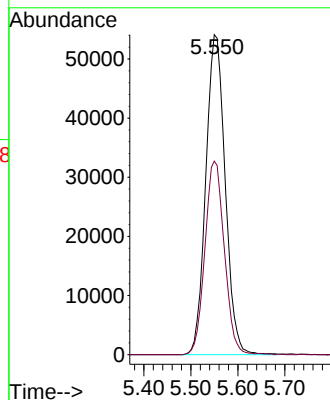
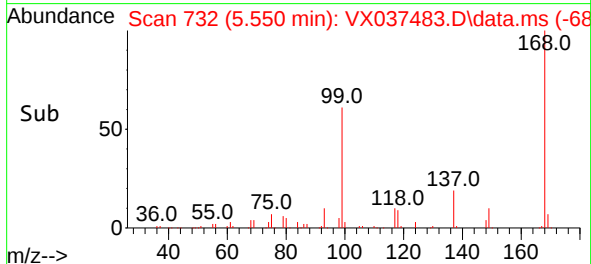
Instrument :
MSVOA_X
ClientSampleId :
50088DL



Tgt Ion:168 Resp: 15498
Ion Ratio Lower Upper
168 100
99 60.5 56.6 85.0

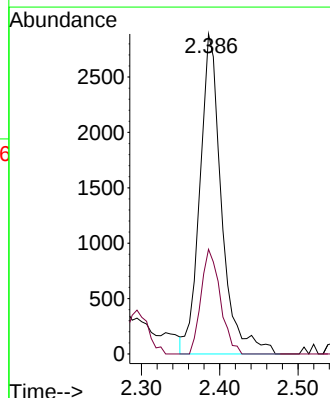
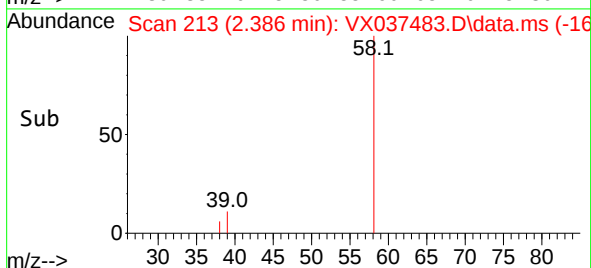
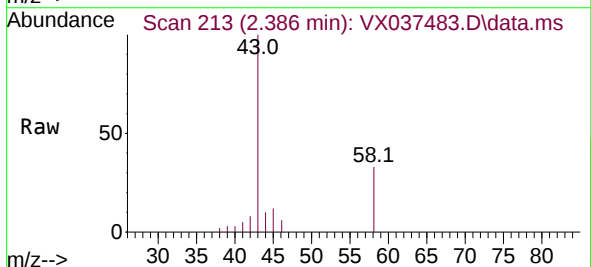
Manual Integrations
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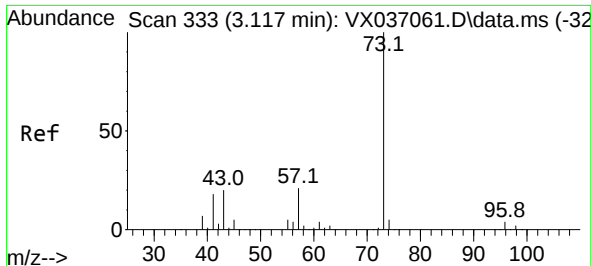
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#16
Acetone
Concen: 6.357 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

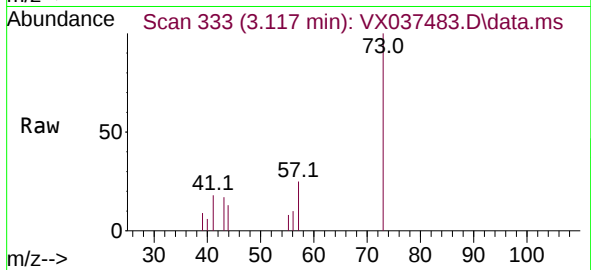
Tgt Ion: 43 Resp: 5557
Ion Ratio Lower Upper
43 100
58 32.7 21.9 32.9





#19
Methyl tert-butyl Ether
Concen: 0.418 ug/l
RT: 3.117 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

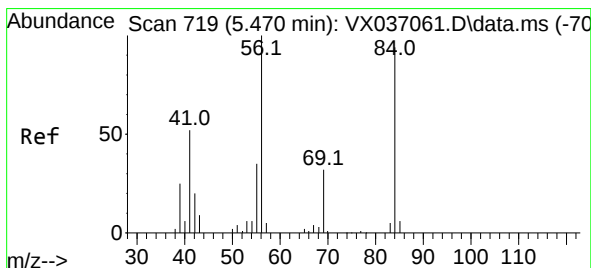
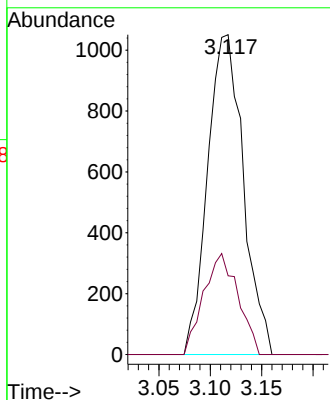
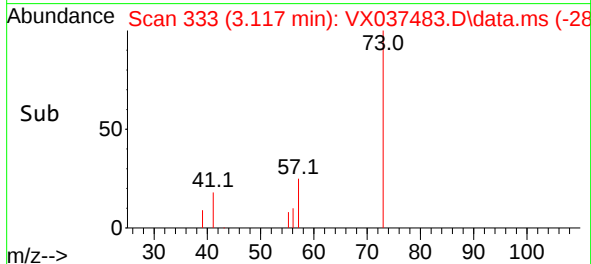
Instrument :
MSVOA_X
ClientSampleId :
50088DL



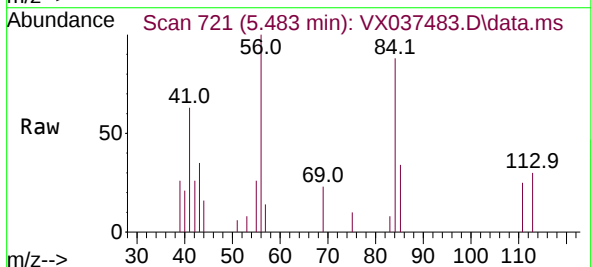
Tgt Ion: 73 Resp: 2532
Ion Ratio Lower Upper
73 100
57 24.6 17.3 25.9

Manual Integrations
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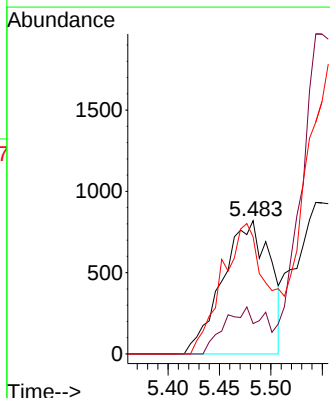
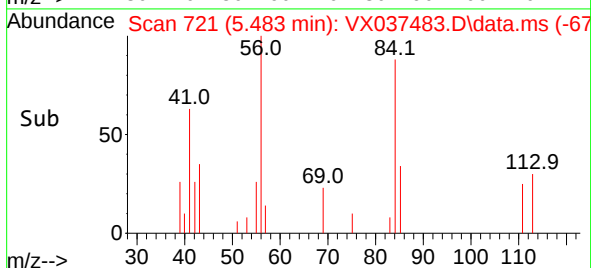
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

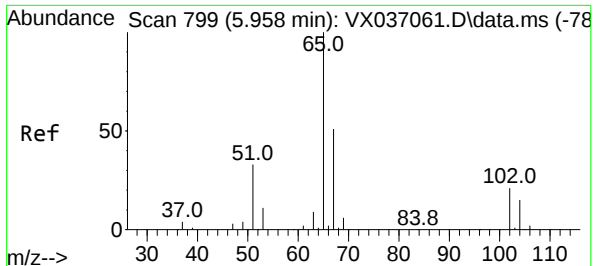


#31
Cyclohexane
Concen: 1.048 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.012 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16



Tgt Ion: 56 Resp: 2632
Ion Ratio Lower Upper
56 100
69 22.8 23.4 35.2#
84 87.8 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 40.835 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX037483.D

Acq: 02 Sep 2023 15:16

Instrument :

MSVOA_X

Client Sample Id :

50088DL

Tgt Ion: 65 Resp: 91244

Ion Ratio Lower Upper

65 100

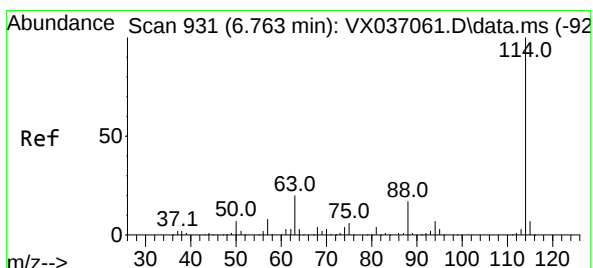
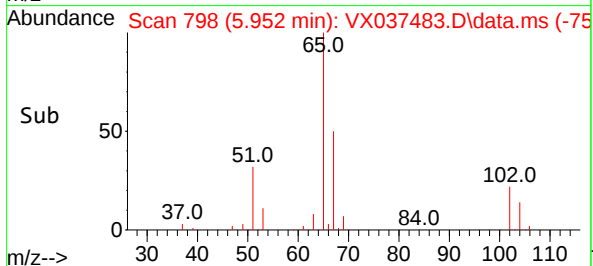
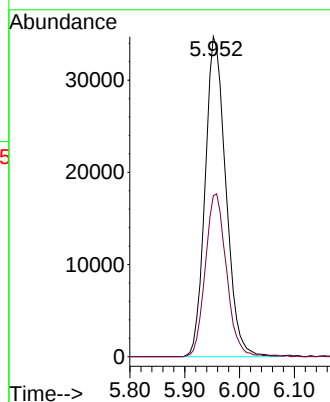
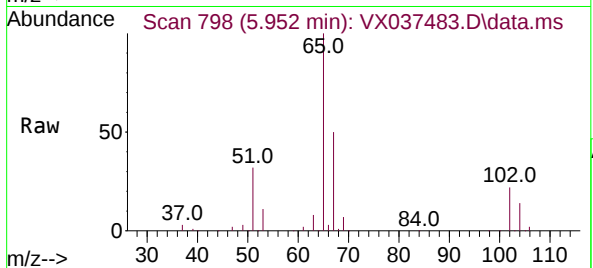
67 51.8 0.0 100.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/05/2023

Supervised By :Semsettin Yesilyurt 09/05/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX037483.D

Acq: 02 Sep 2023 15:16

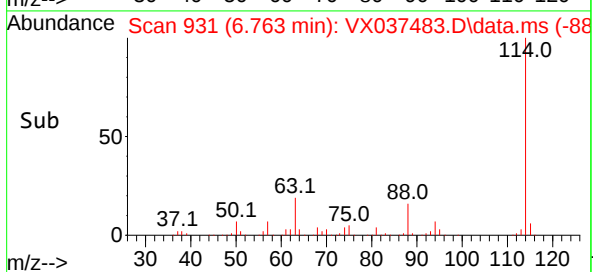
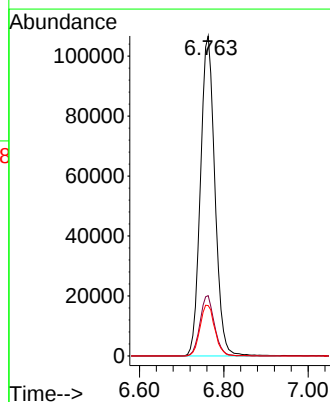
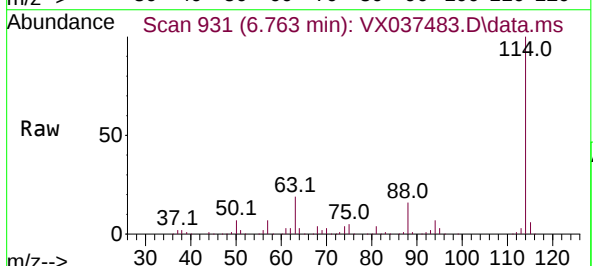
Tgt Ion:114 Resp: 254658

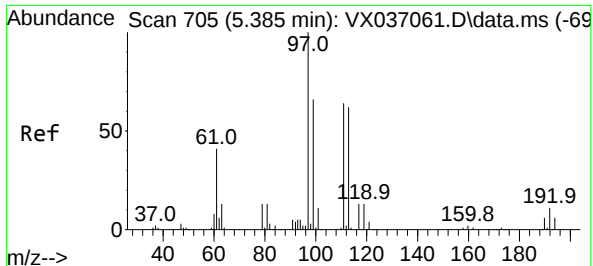
Ion Ratio Lower Upper

114 100

63 18.8 0.0 45.0

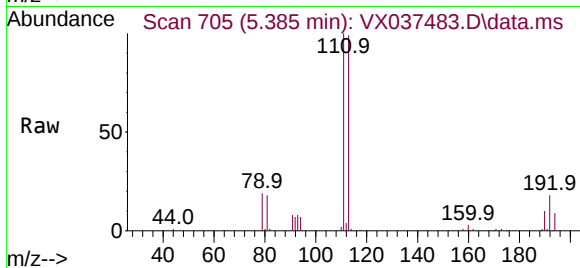
88 15.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 45.423 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

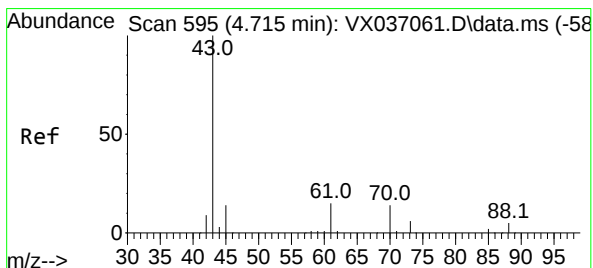
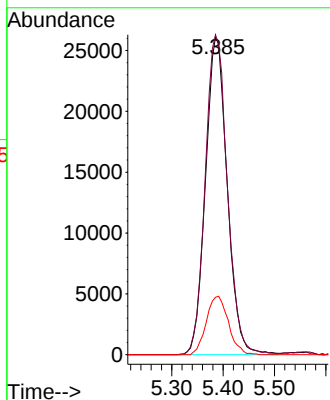
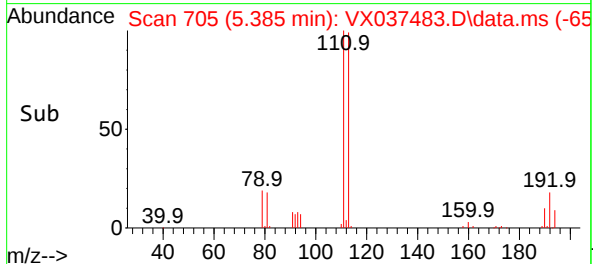
Instrument :
MSVOA_X
ClientSampleId :
50088DL



Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.9	124.3
192	18.7	13.3	19.9

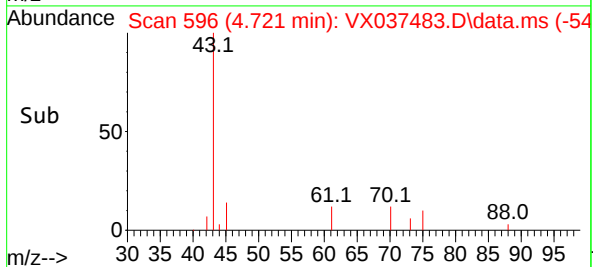
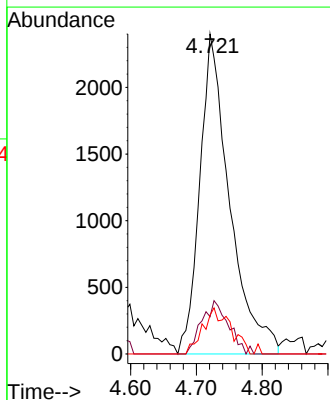
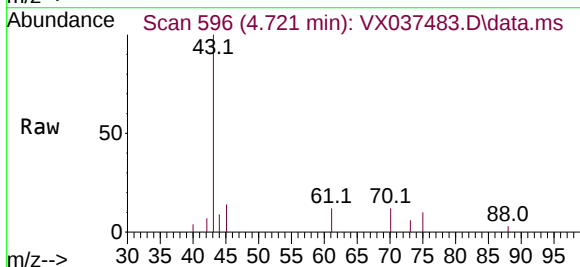
Manual Integrations
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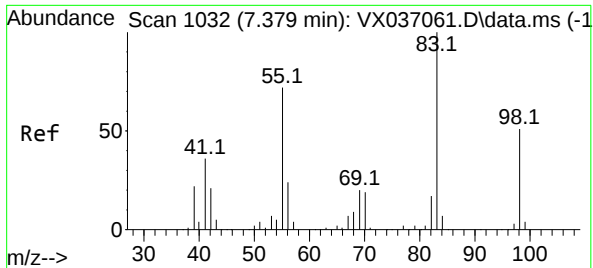
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#37
Ethyl Acetate
Concen: 3.096 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	10.6	16.0
70	13.3	8.3	12.5





#39

Methylcyclohexane

Concen: 3.610 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX037483.D

Acq: 02 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

50088DL

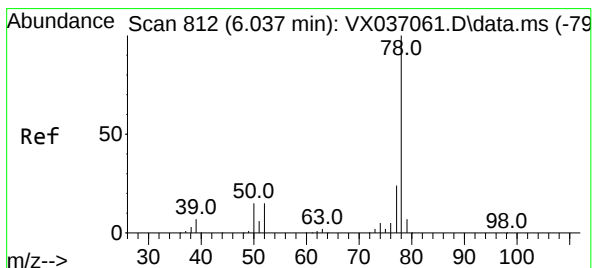
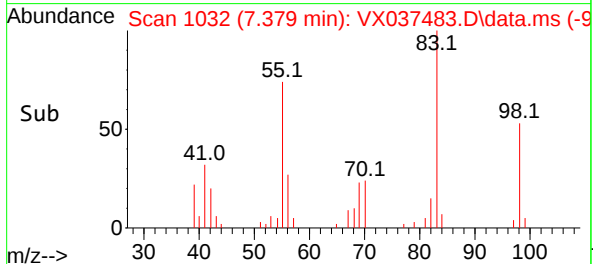
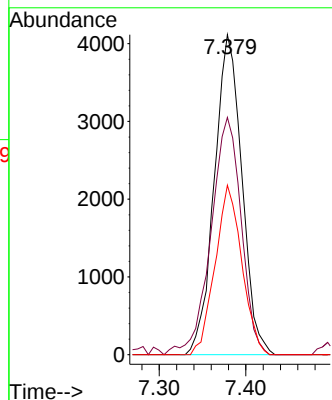
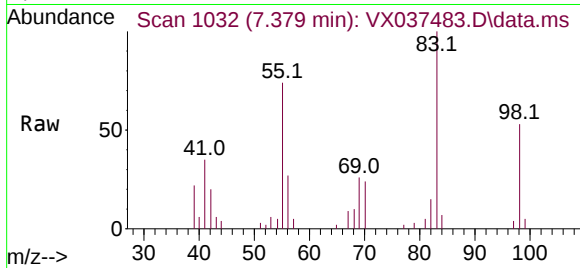
Tgt Ion: 83 Resp: 908

Ion	Ratio	Lower	Upper
83	100		
55	74.1	64.6	97.0
98	52.9	36.7	55.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#40

Benzene

Concen: 9.799 ug/l

RT: 6.037 min Scan# 812

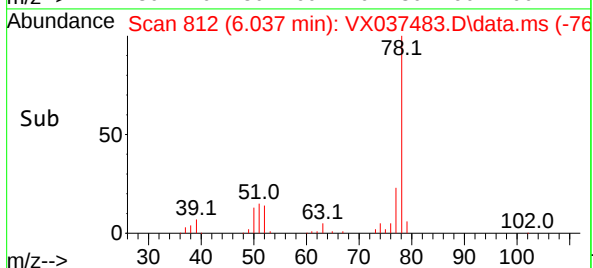
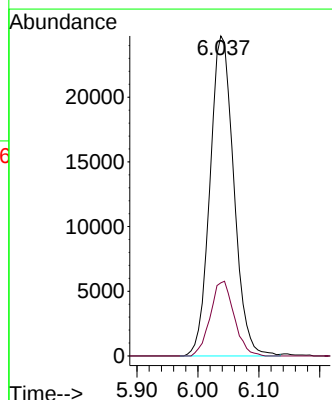
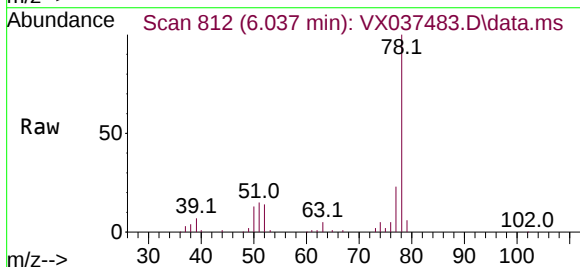
Delta R.T. 0.000 min

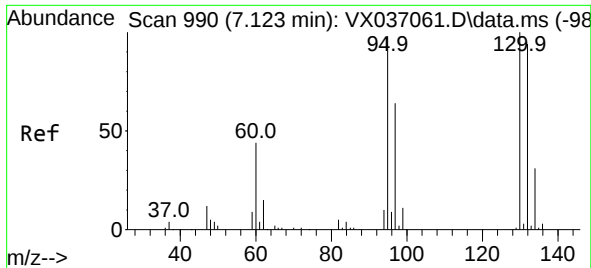
Lab File: VX037483.D

Acq: 02 Sep 2023 15:16

Tgt Ion: 78 Resp: 67341

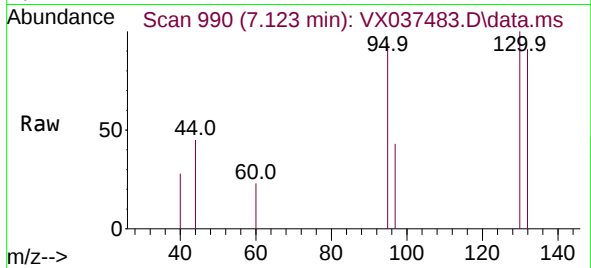
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.3	28.9





#44
Trichloroethene
Concen: 0.430 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

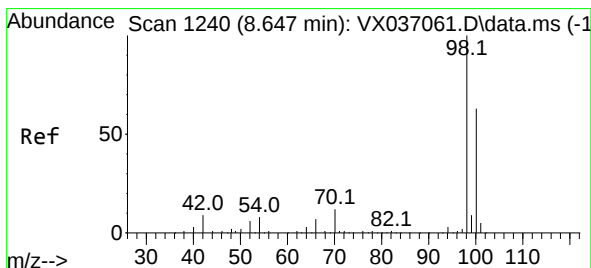
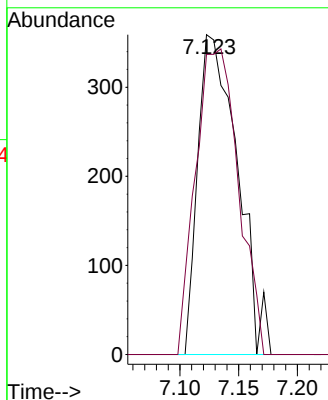
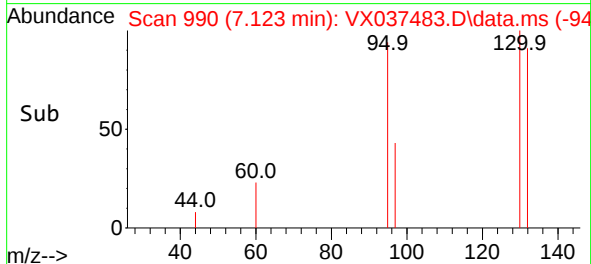
Instrument :
MSVOA_X
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50088DL



Tgt Ion:130 Resp: 83
Ion Ratio Lower Upper
130 100
95 93.9 0.0 204.4

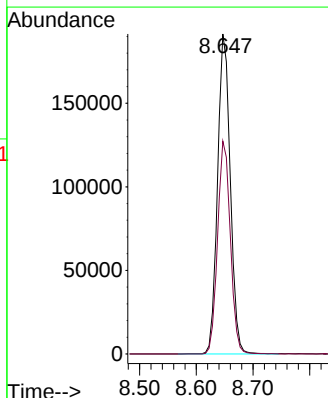
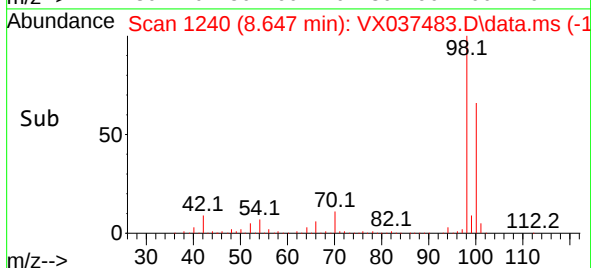
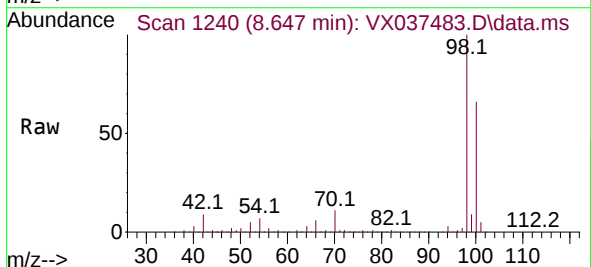
Manual Integrations
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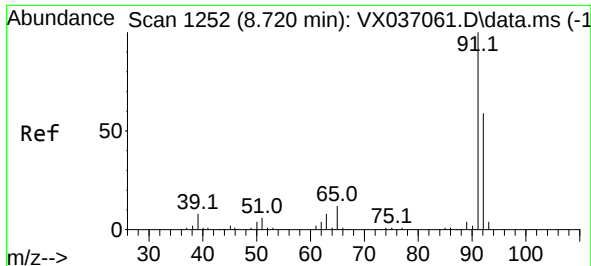
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#50
Toluene-d8
Concen: 48.580 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

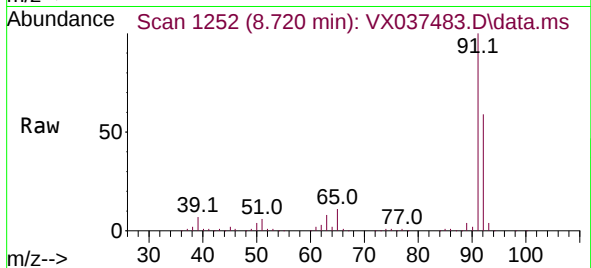
Tgt Ion: 98 Resp: 297198
Ion Ratio Lower Upper
98 100
100 66.8 53.1 79.7





#52
Toluene
Concen: 123.886 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

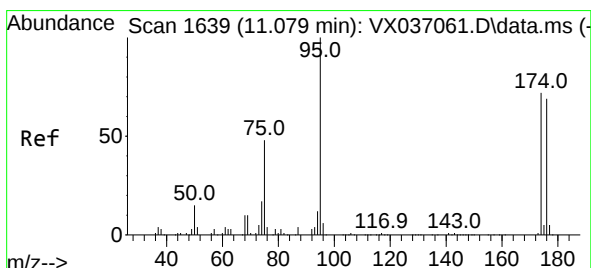
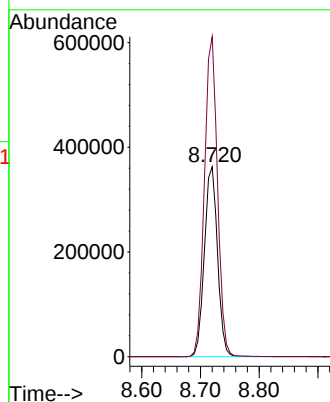
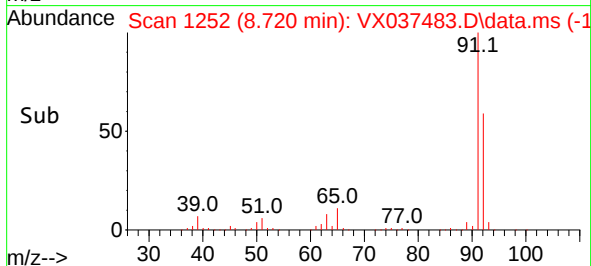
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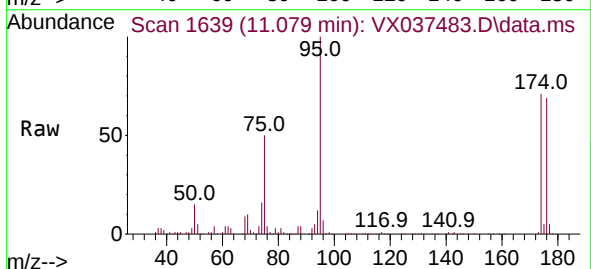
Tgt Ion: 92 Resp: 562504
Ion Ratio Lower Upper
92 100
91 167.2 134.2 201.2

Manual Integrations
APPROVED

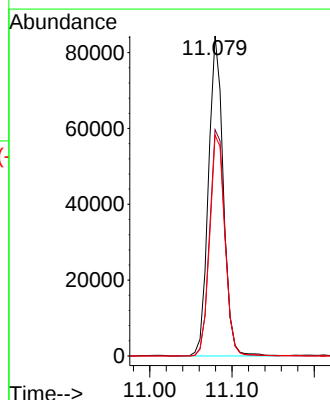
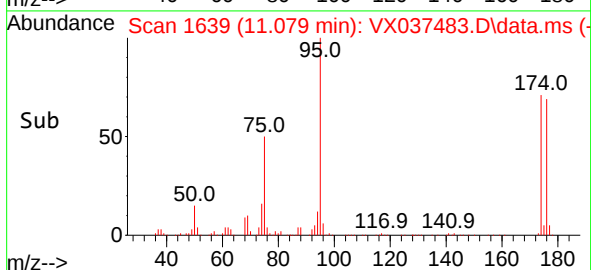
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

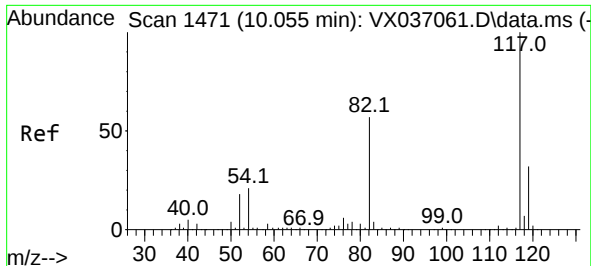


#62
4-Bromofluorobenzene
Concen: 43.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16



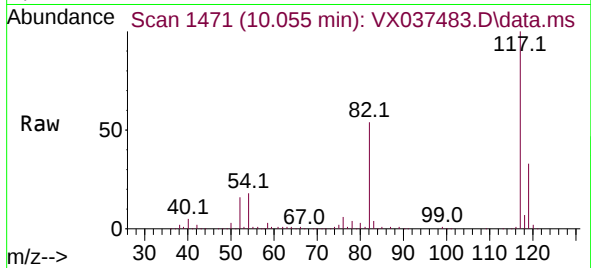
Tgt Ion: 95 Resp: 105734
Ion Ratio Lower Upper
95 100
174 73.3 0.0 135.6
176 70.9 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

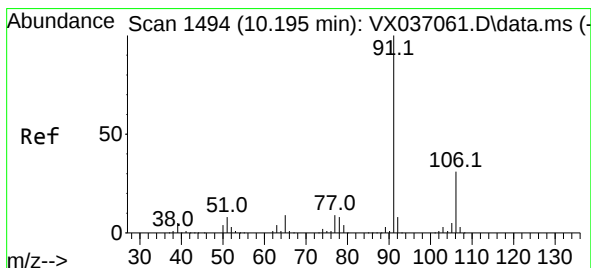
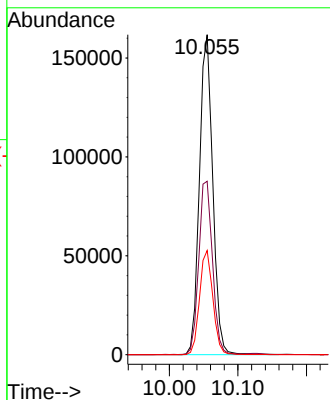
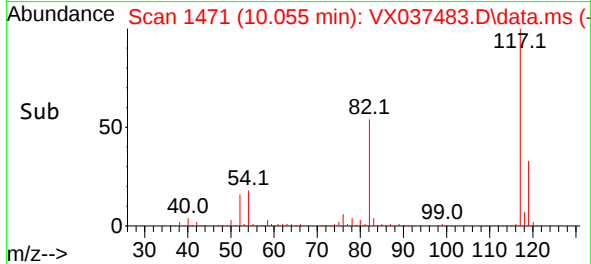
Instrument :
MSVOA_X
ClientSampleId :
50088DL



Tgt Ion:117 Resp: 219560
Ion Ratio Lower Upper
117 100
82 54.1 46.2 69.4
119 32.5 25.5 38.3

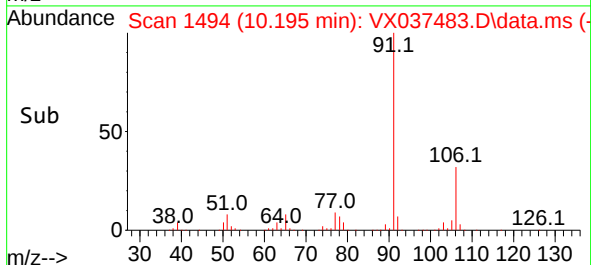
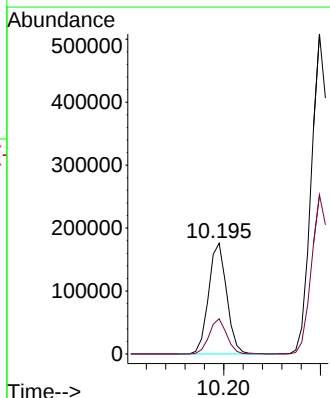
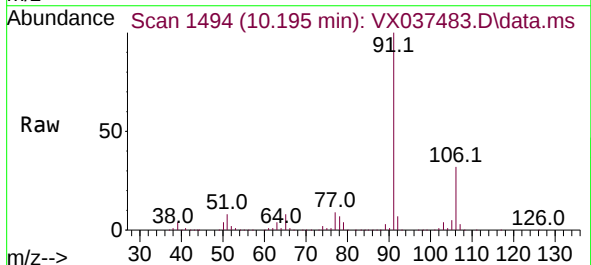
Manual Integrations
APPROVED

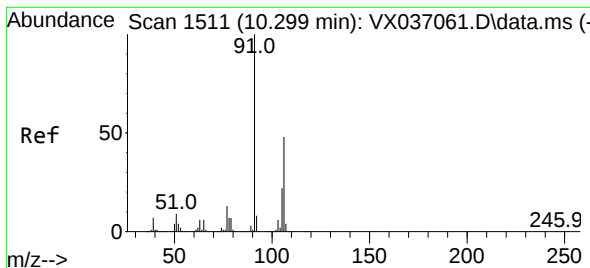
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#67
Ethyl Benzene
Concen: 28.068 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

Tgt Ion: 91 Resp: 229195
Ion Ratio Lower Upper
91 100
106 31.8 24.9 37.3





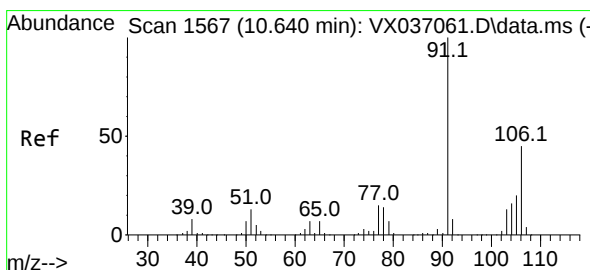
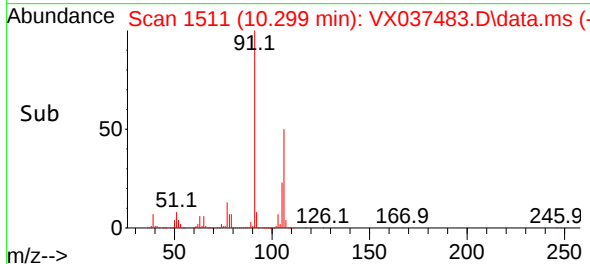
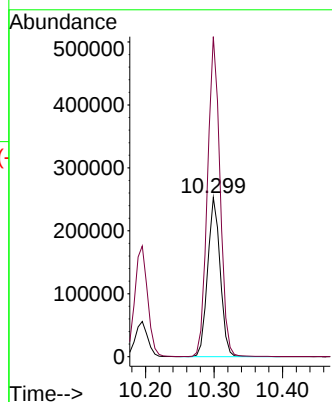
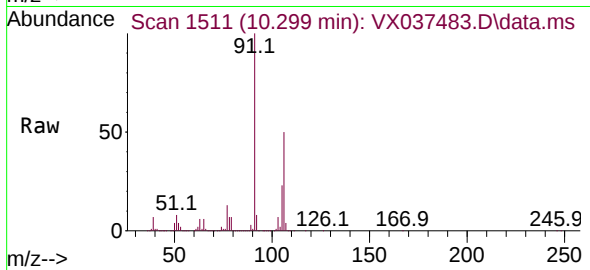
#68
m/p-Xylenes
Concen: 102.149 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
50088DL

Tgt Ion:106 Resp: 322117
Ion Ratio Lower Upper
106 100
91 201.4 165.5 248.3

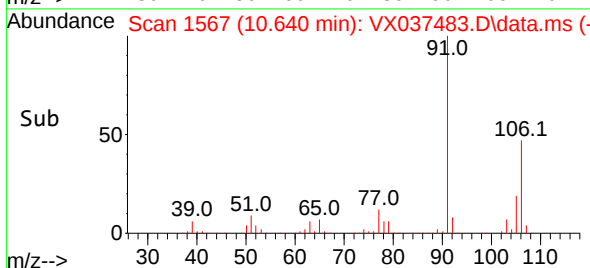
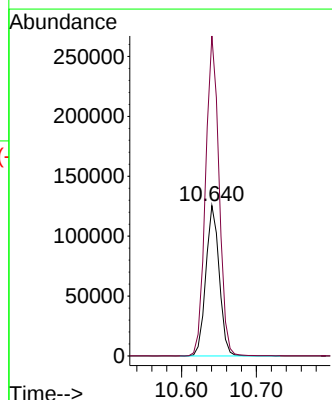
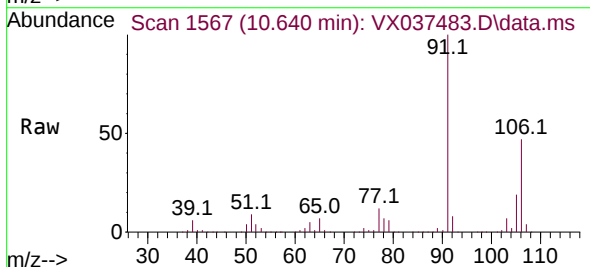
Manual Integrations
APPROVED

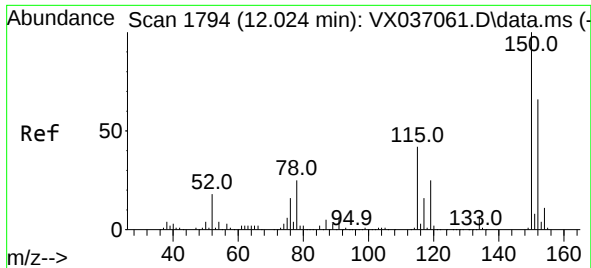
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023



#69
o-Xylene
Concen: 50.063 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

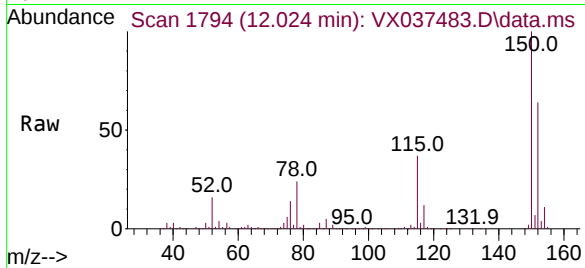
Tgt Ion:106 Resp: 155756
Ion Ratio Lower Upper
106 100
91 214.5 108.9 326.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

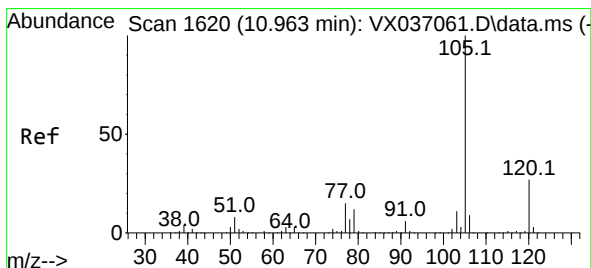
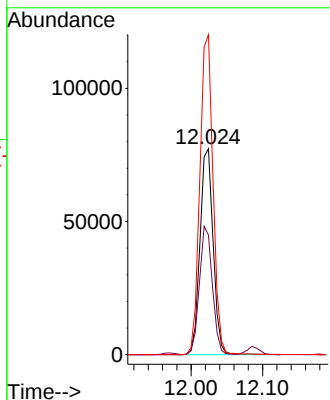
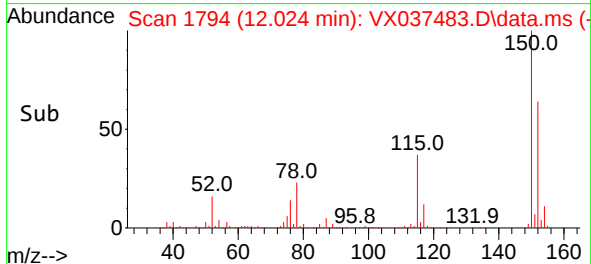
Instrument :
MSVOA_X
ClientSampleId :
50088DL



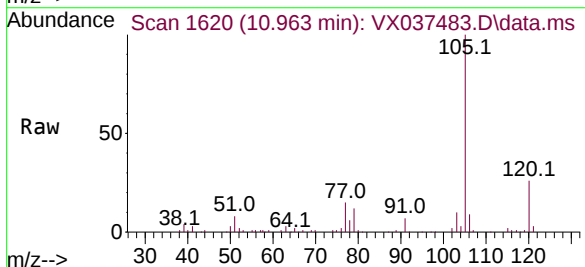
Tgt Ion:152 Resp: 98917
Ion Ratio Lower Upper
152 100
115 61.5 43.3 129.9
150 155.8 0.0 345.0

Manual Integrations
APPROVED

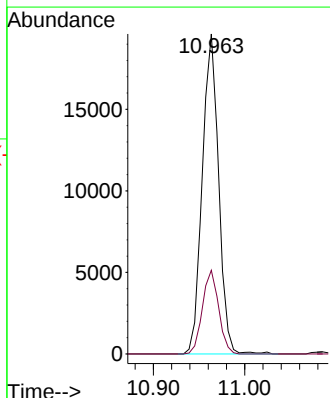
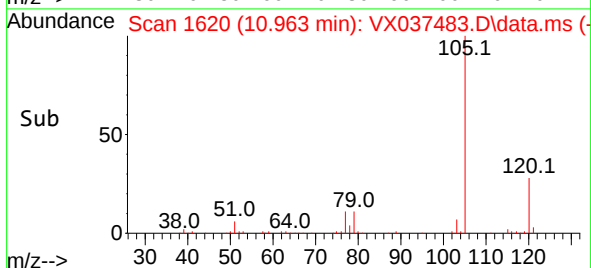
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

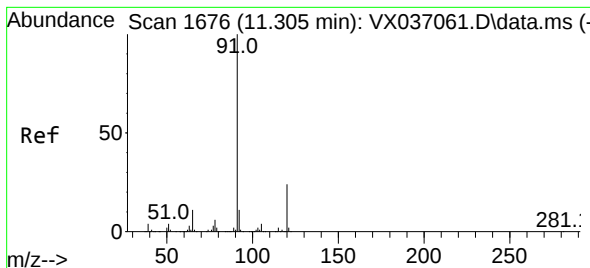


#73
Isopropylbenzene
Concen: 3.385 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16



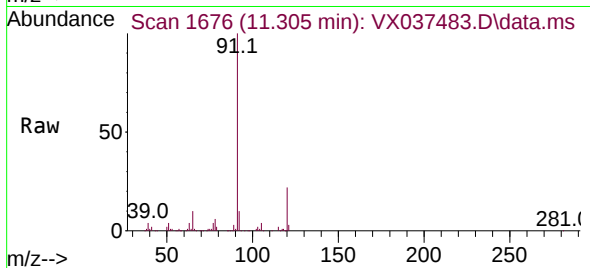
Tgt Ion:105 Resp: 24336
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6





#78
n-propylbenzene
Concen: 6.607 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

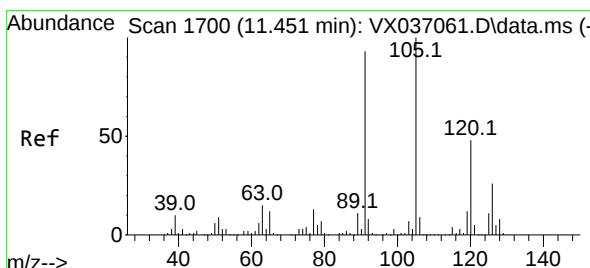
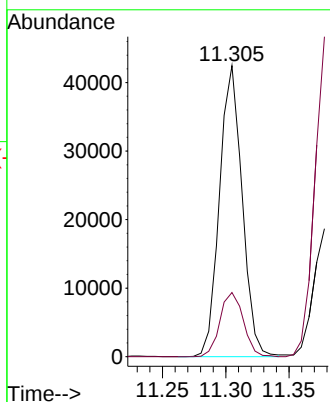
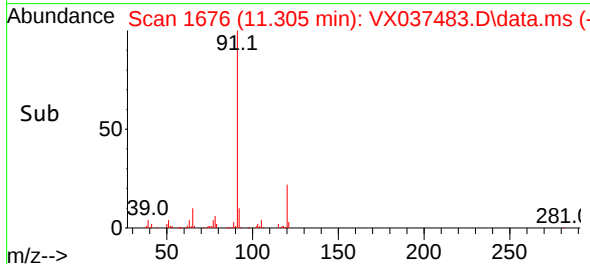
Instrument :
MSVOA_X
ClientSampleId :
50088DL



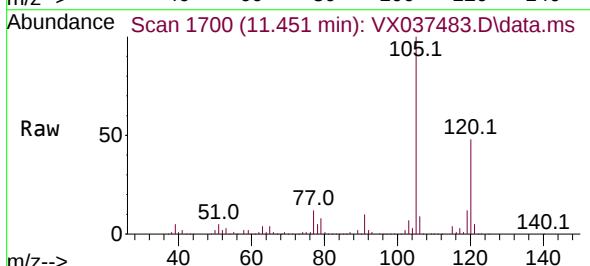
Tgt Ion: 91 Resp: 5289
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

Manual Integrations
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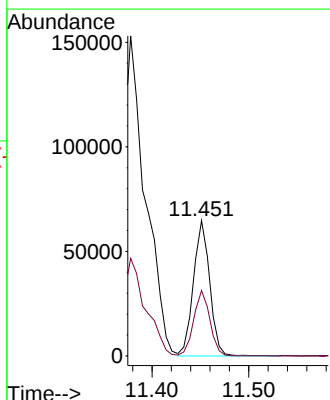
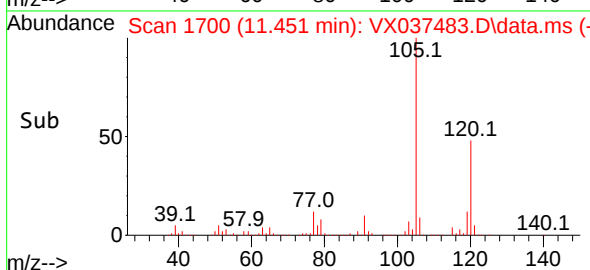
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

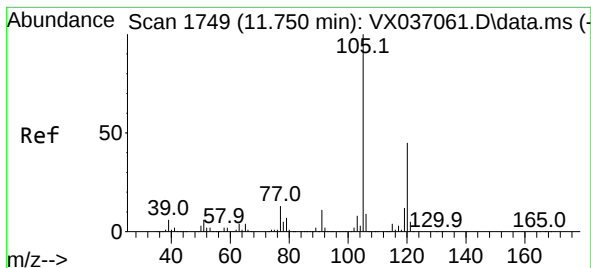


#80
1,3,5-Trimethylbenzene
Concen: 12.663 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16



Tgt Ion:105 Resp: 75950
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 48.664 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX037483.D

Acq: 02 Sep 2023 15:16

Instrument :

MSVOA_X

ClientSampleId :

50088DL

Tgt Ion:105 Resp: 294972

Ion Ratio Lower Upper

105 100

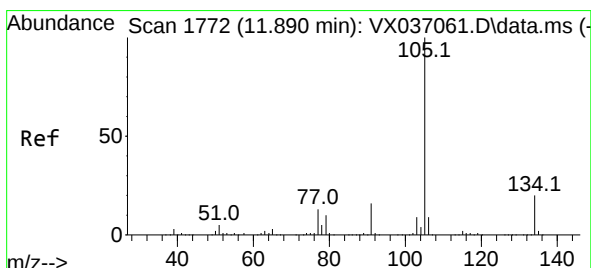
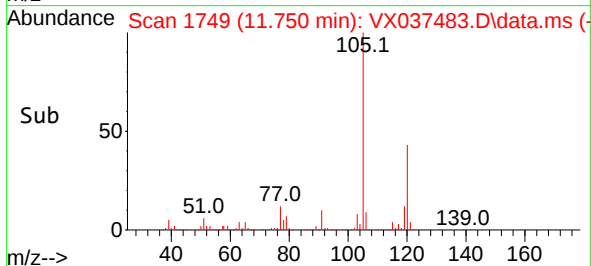
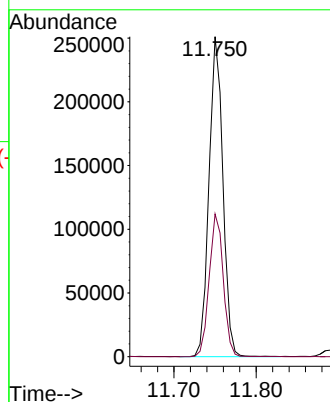
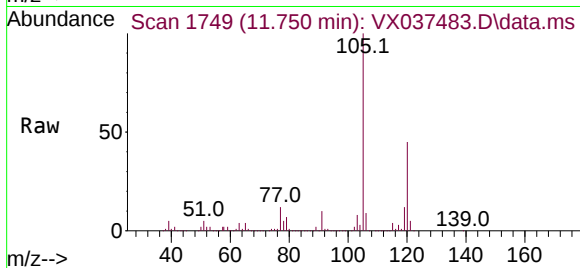
120 45.1 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023

Supervised By :Semsettin Yesilyurt 09/05/2023



#85

sec-Butylbenzene

Concen: 1.055 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX037483.D

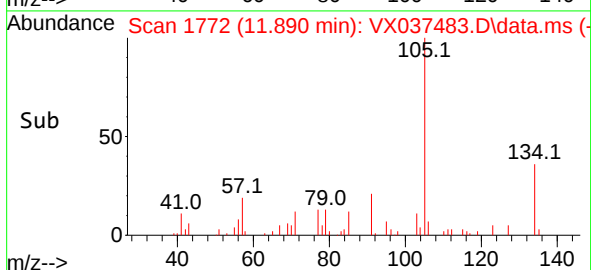
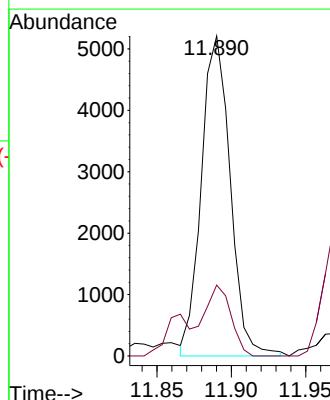
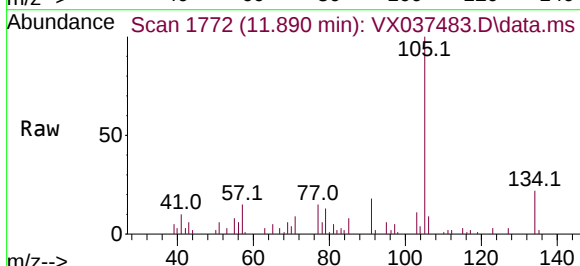
Acq: 02 Sep 2023 15:16

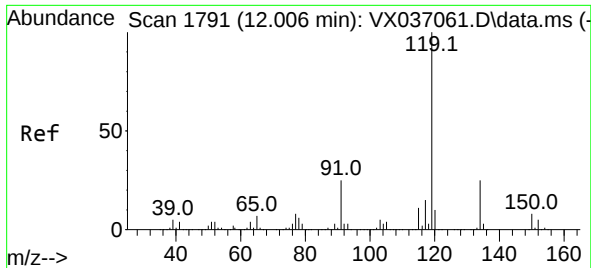
Tgt Ion:105 Resp: 7049

Ion Ratio Lower Upper

105 100

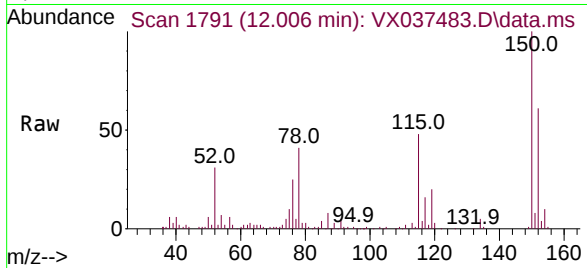
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 0.715 ug/l
RT: 12.006 min Scan# 1114
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

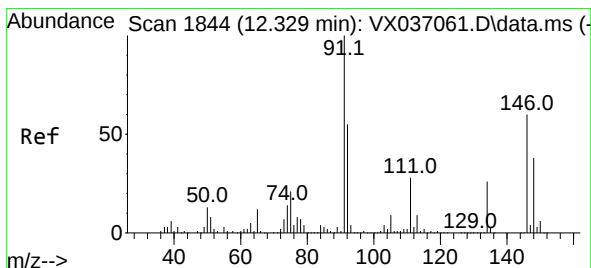
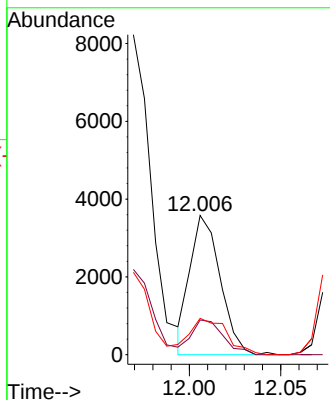
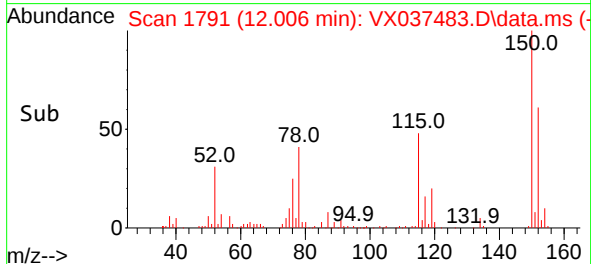
Instrument :
MSVOA_X
ClientSampleId :
50088DL



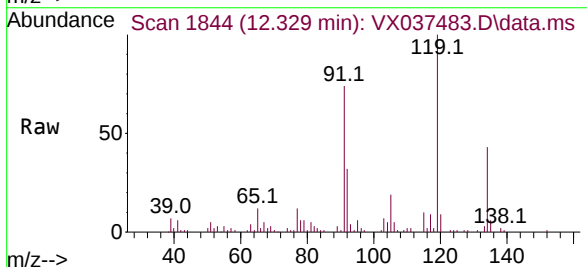
Tgt Ion: 119 Resp: 4114
Ion Ratio Lower Upper
119 100
134 26.3 12.8 38.3
91 33.9 13.1 39.3

Manual Integrations
APPROVED

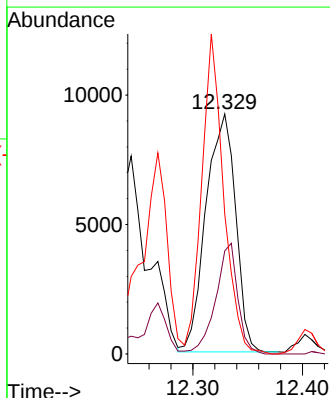
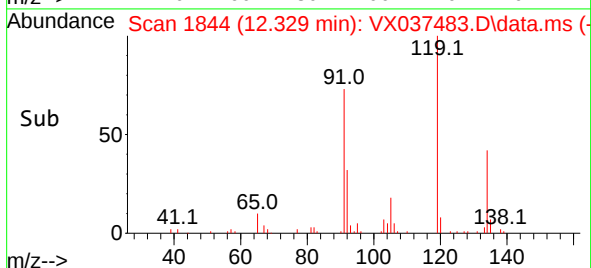
Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

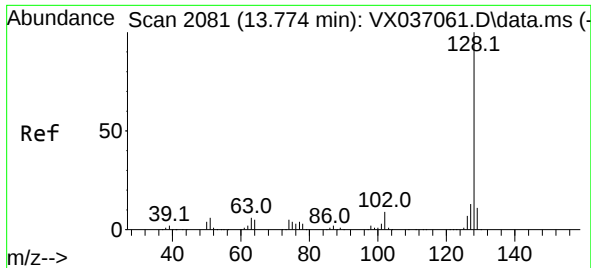


#89
n-Butylbenzene
Concen: 3.617 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16



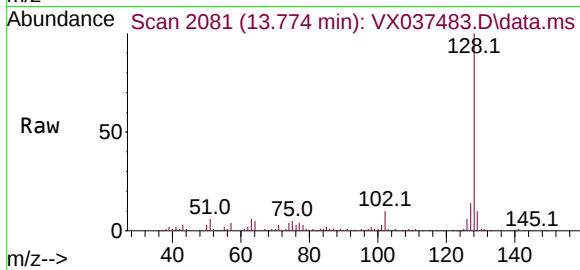
Tgt Ion: 91 Resp: 17245
Ion Ratio Lower Upper
91 100
92 34.8 27.4 82.0
134 99.5 12.6 37.8#





#95
Naphthalene
Concen: 4.213 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX037483.D
Acq: 02 Sep 2023 15:16

Instrument :
MSVOA_X
ClientSampleId :
50088DL



Tgt Ion:128 Resp: 3476
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 12.1 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/05/2023
Supervised By :Semsettin Yesilyurt 09/05/2023

