

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039537.D
 Acq On : 29 Dec 2023 12:04
 Operator : JC/MD
 Sample : 06017-01
 Misc : 5.02g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5

Quant Time: Dec 30 01:57:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	188684	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	77589	46.506	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.020%		
35) Dibromofluoromethane	5.385	113	57248	43.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.840%		
50) Toluene-d8	8.647	98	239929	49.579	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.160%		
62) 4-Bromofluorobenzene	11.085	95	99381	49.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.540%		
Target Compounds						
					Qvalue	
31) Cyclohexane	5.483	56	7654	3.552	ug/l #	50
39) Methylcyclohexane	7.366	83	10223m	4.137	ug/l	
40) Benzene	6.037	78	20662	3.551	ug/l	94
52) Toluene	8.720	92	11242	3.201	ug/l	97
67) Ethyl Benzene	10.195	91	27758	3.687	ug/l	97
68) m/p-Xylenes	10.305	106	14819	5.490	ug/l	97
73) Isopropylbenzene	10.963	105	14677	2.257	ug/l	99
78) n-propylbenzene	11.305	91	100256	12.513	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	6705	1.210	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	18625	3.279	ug/l	99
85) sec-Butylbenzene	11.890	105	15723	2.344	ug/l #	57
86) p-Isopropyltoluene	12.012	119	6208	1.103	ug/l	89
89) n-Butylbenzene	12.335	91	65135	11.769	ug/l #	69

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

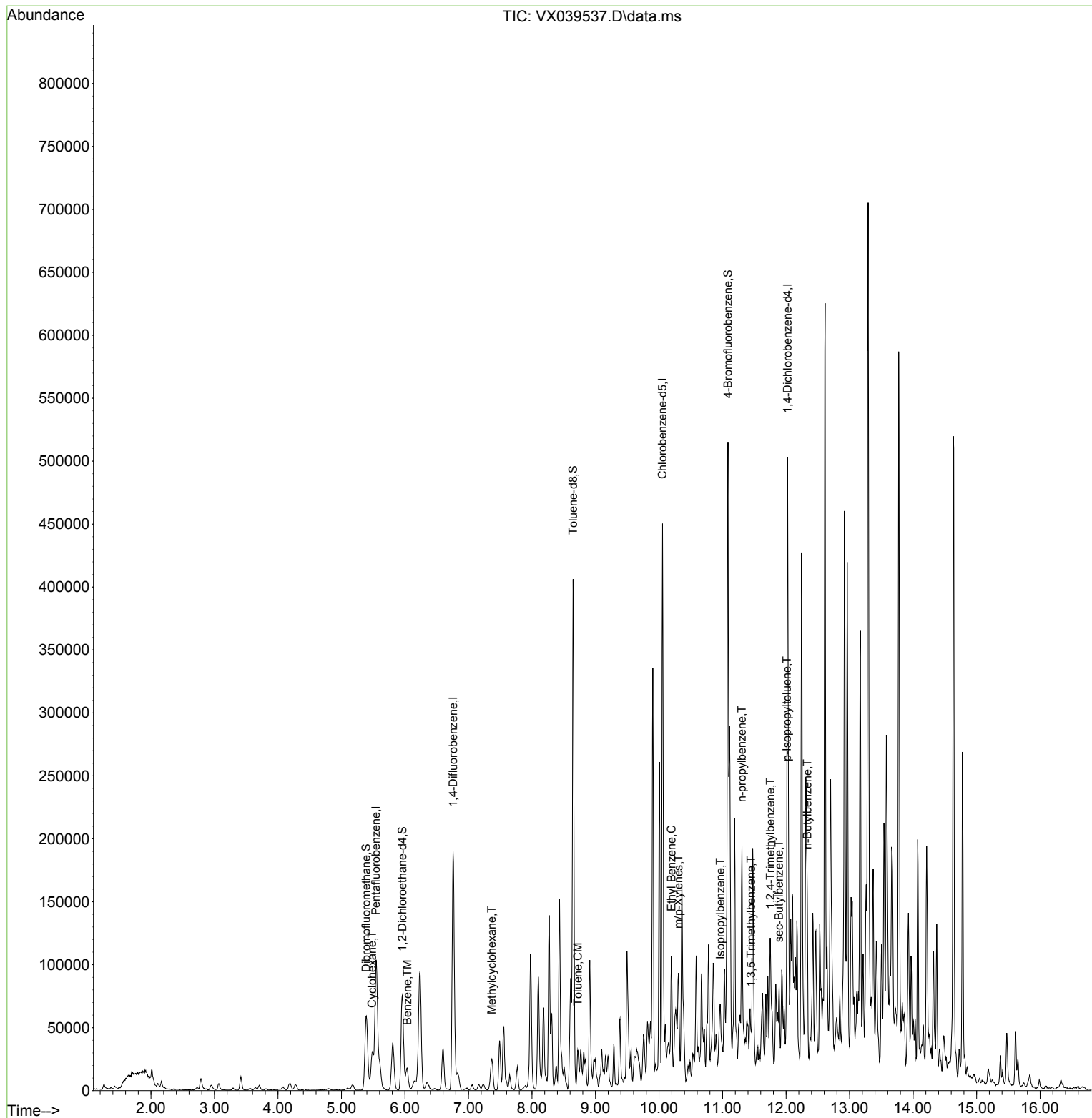
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
Data File : VX039537.D
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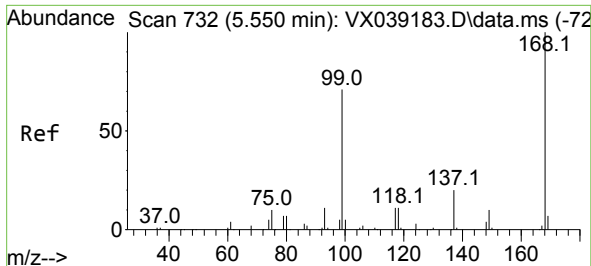
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5

Quant Time: Dec 30 01:57:09 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
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QLast Update : Thu Dec 14 01:28:15 2023
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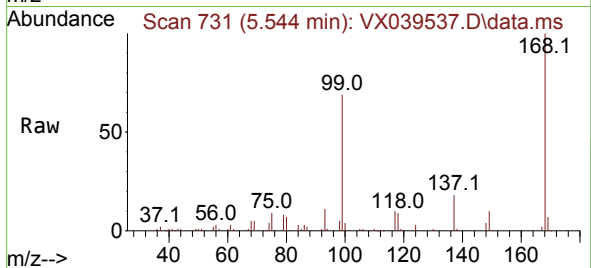
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

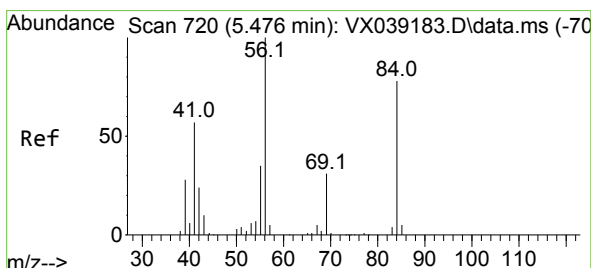
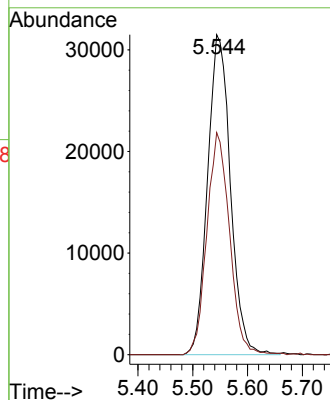
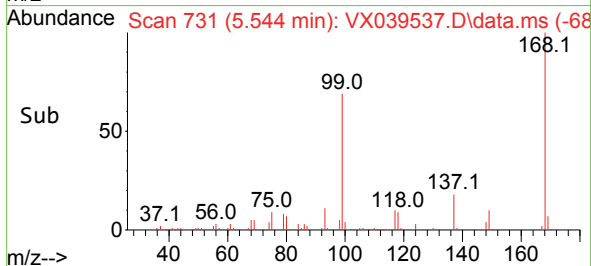
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5



Tgt Ion:168 Resp: 91072
Ion Ratio Lower Upper
168 100
99 69.4 56.6 85.0

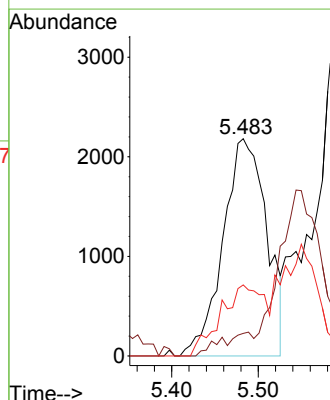
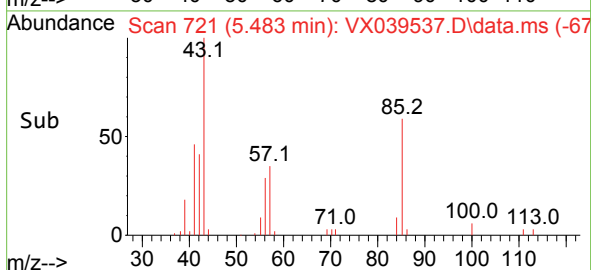
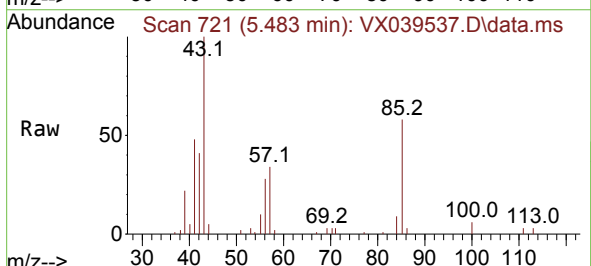
Manual Integrations
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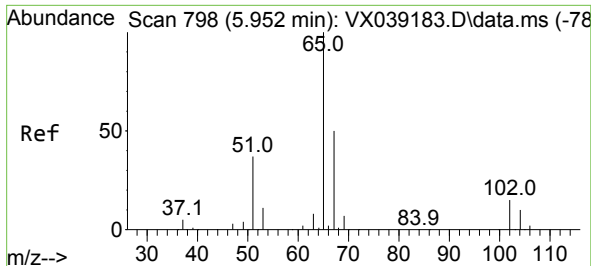
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#31
Cyclohexane
Concen: 3.552 ug/l
RT: 5.483 min Scan# 721
Delta R.T. 0.006 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

Tgt Ion: 56 Resp: 7654
Ion Ratio Lower Upper
56 100
69 10.4 23.4 35.2#
84 32.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 46.506 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5

Tgt Ion: 65 Resp: 77589

Ion Ratio Lower Upper

65 100

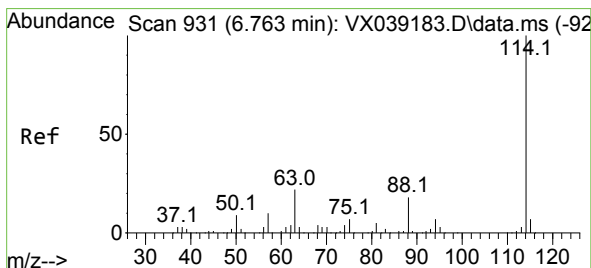
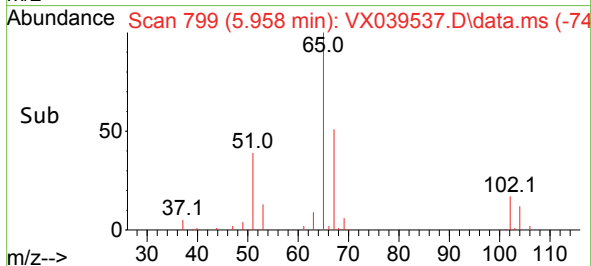
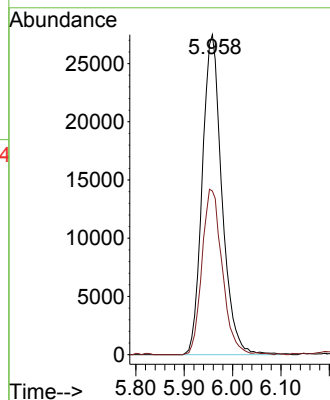
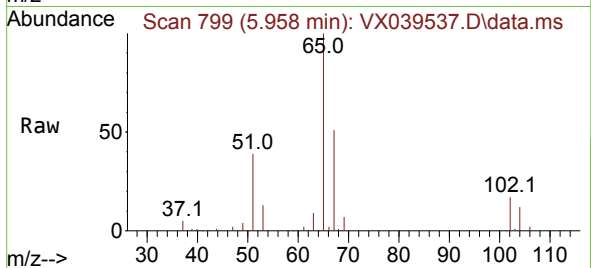
67 53.1 0.0 100.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

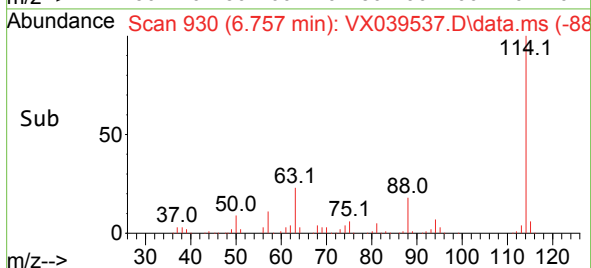
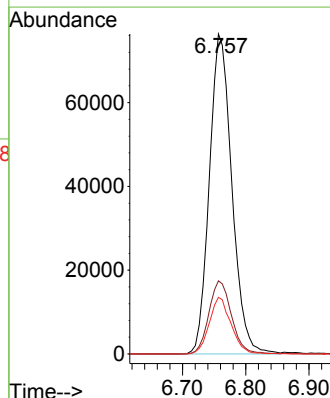
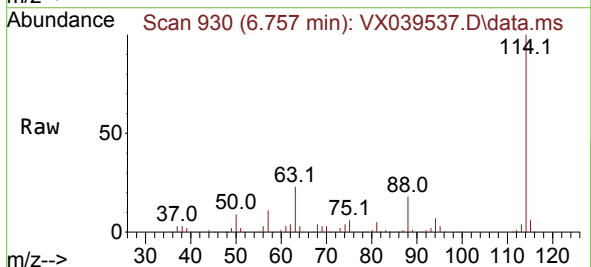
Tgt Ion:114 Resp: 188684

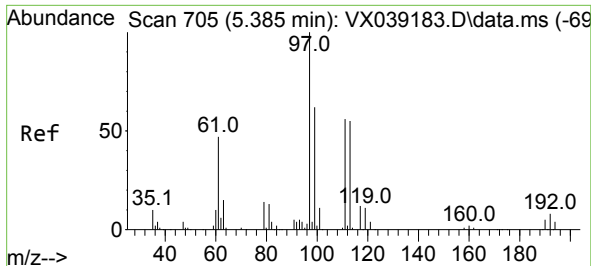
Ion Ratio Lower Upper

114 100

63 22.9 0.0 45.0

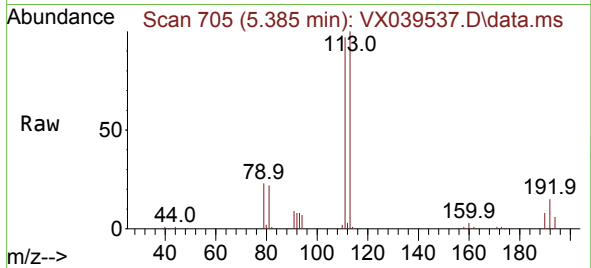
88 17.7 0.0 36.6





#35
Dibromofluoromethane
Concen: 43.918 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

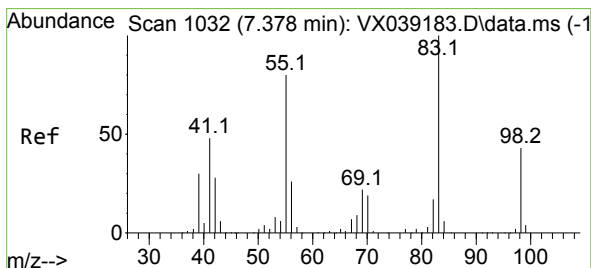
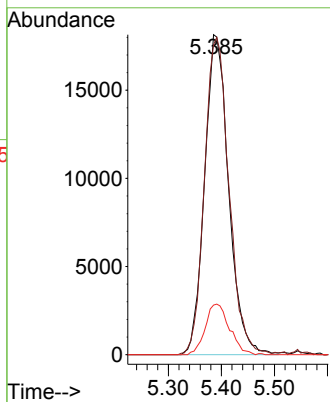
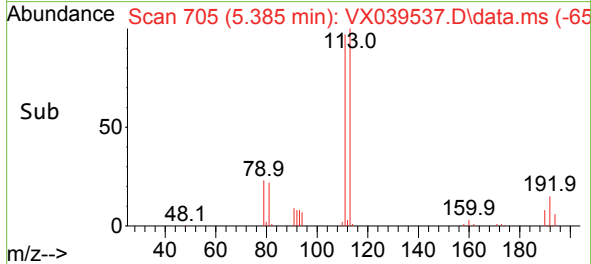
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5



Tgt Ion: 113 Resp: 57248
Ion Ratio Lower Upper
113 100
111 100.9 82.9 124.3
192 15.8 13.3 19.9

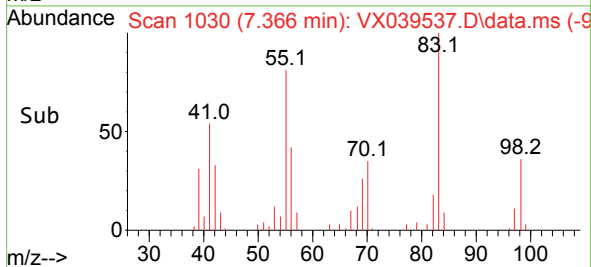
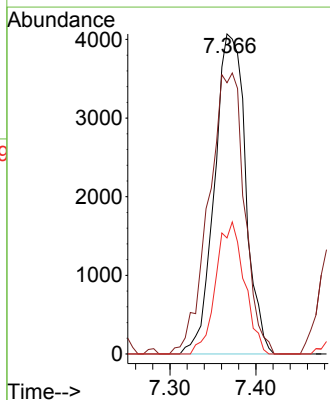
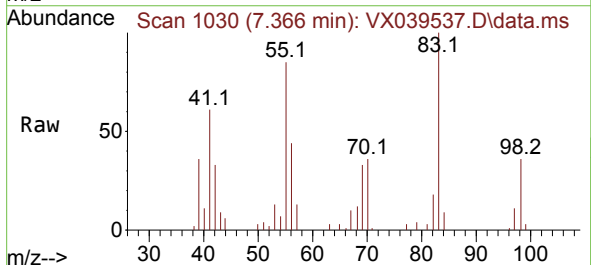
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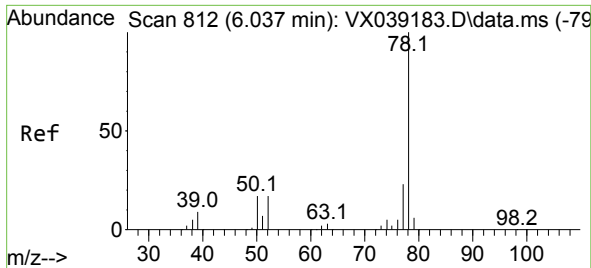
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#39
Methylcyclohexane
Concen: 4.137 ug/l m
RT: 7.366 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

Tgt Ion: 83 Resp: 10223
Ion Ratio Lower Upper
83 100
55 84.7 64.6 97.0
98 36.3 36.7 55.1#





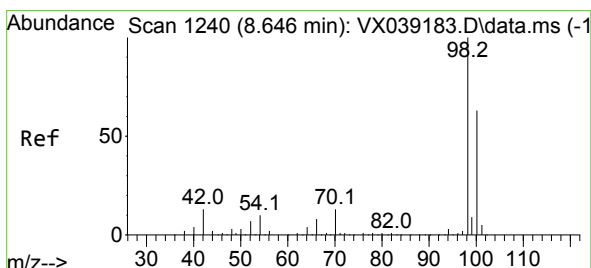
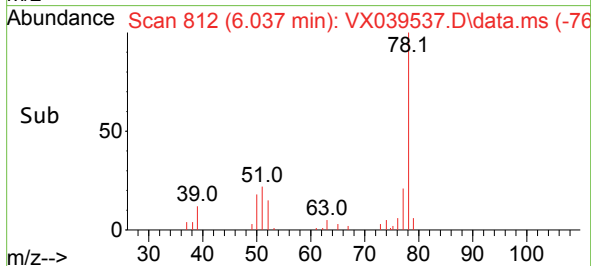
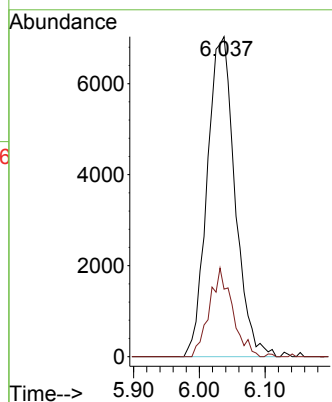
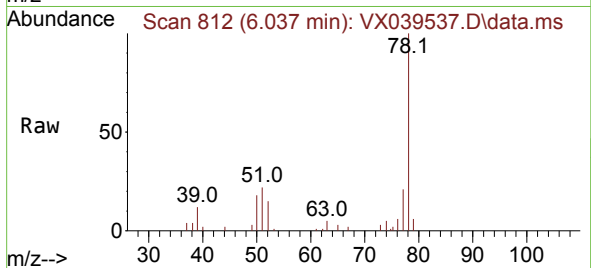
#40
Benzene
Concen: 3.551 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5

Tgt Ion: 78 Resp: 20662
Ion Ratio Lower Upper
78 100
77 21.1 19.3 28.9

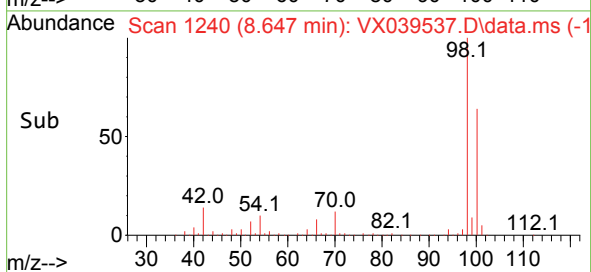
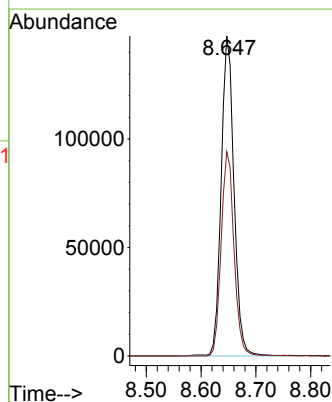
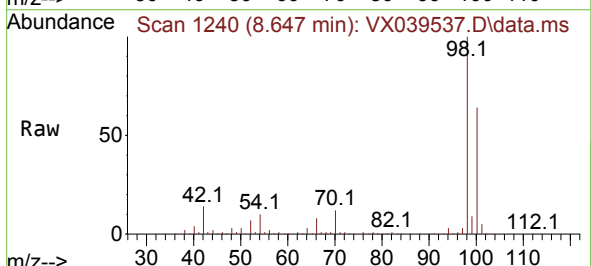
Manual Integrations
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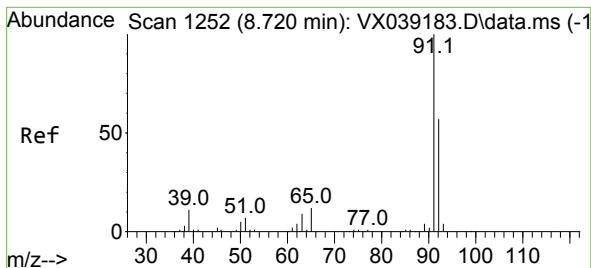
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#50
Toluene-d8
Concen: 49.579 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

Tgt Ion: 98 Resp: 239929
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#52

Toluene

Concen: 3.201 ug/l

RT: 8.720 min Scan# 1124

Delta R.T. 0.000 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5

Tgt Ion: 92 Resp: 1124

Ion Ratio Lower Upper

92 100

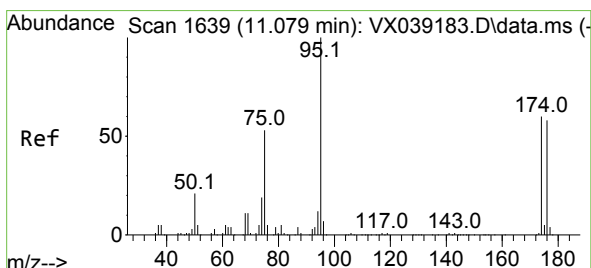
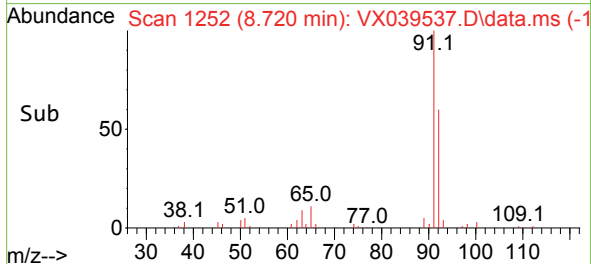
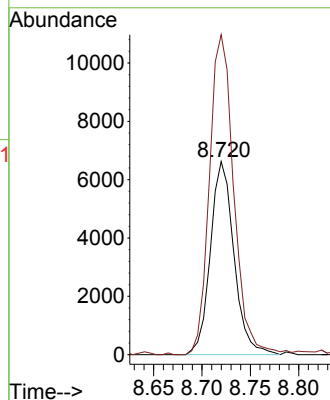
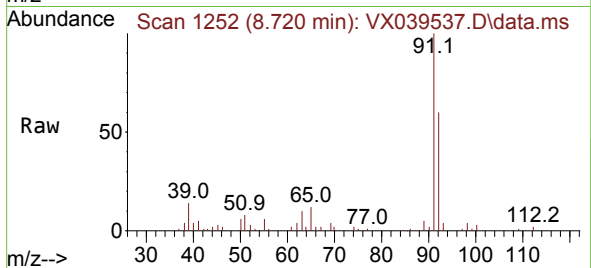
91 171.2 134.2 201.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#62

4-Bromofluorobenzene

Concen: 49.773 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.006 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

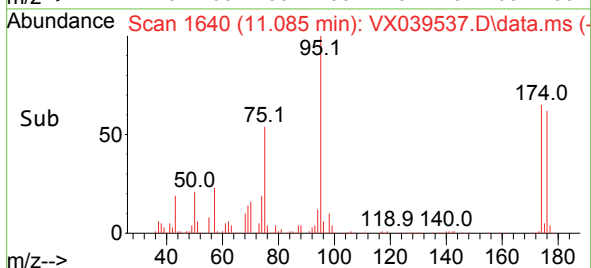
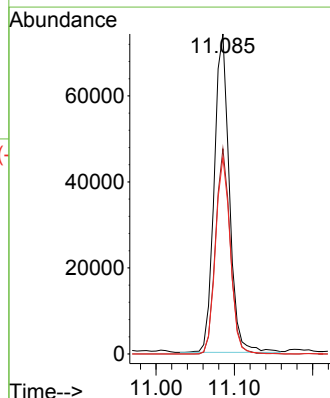
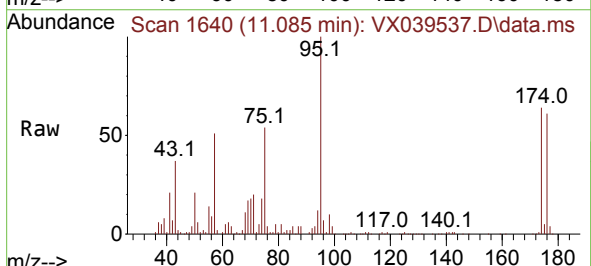
Tgt Ion: 95 Resp: 99381

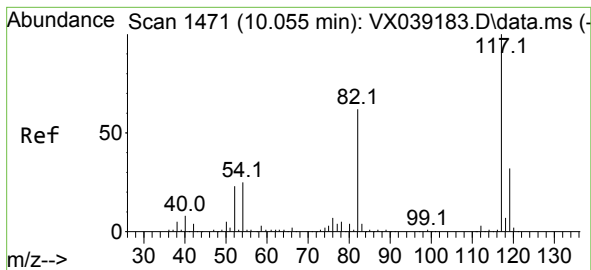
Ion Ratio Lower Upper

95 100

174 62.4 0.0 135.6

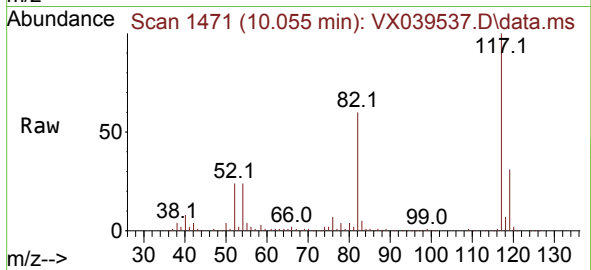
176 60.4 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

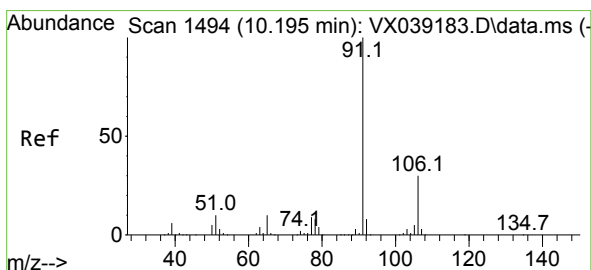
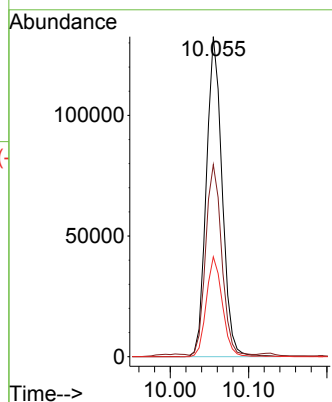
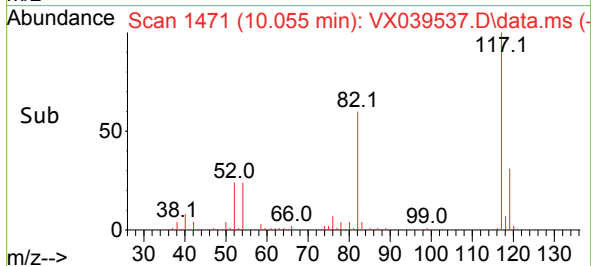
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5



Tgt Ion: 117 Resp: 185310
Ion Ratio Lower Upper
117 100
82 59.6 46.2 69.4
119 31.2 25.5 38.3

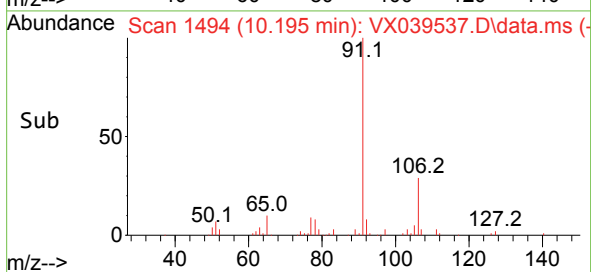
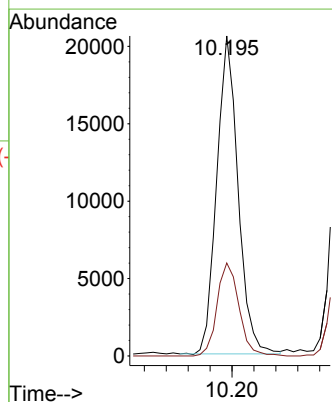
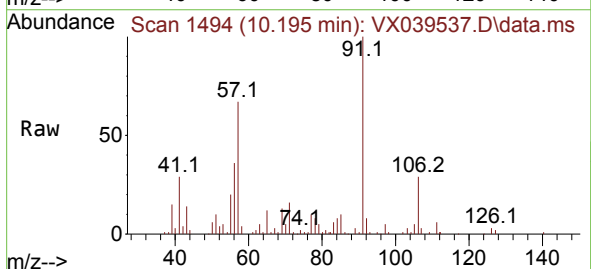
Manual Integrations
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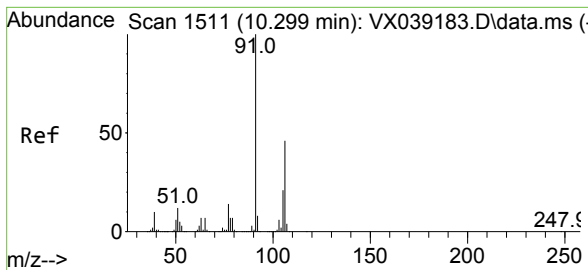
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#67
Ethyl Benzene
Concen: 3.687 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

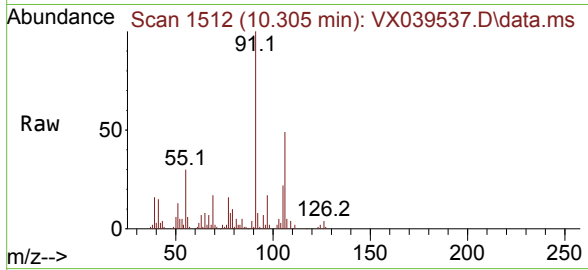
Tgt Ion: 91 Resp: 27758
Ion Ratio Lower Upper
91 100
106 29.2 24.9 37.3





#68
m/p-Xylenes
Concen: 5.490 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

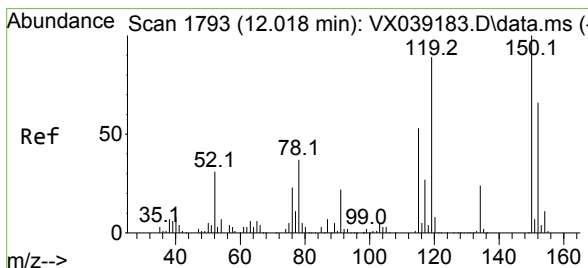
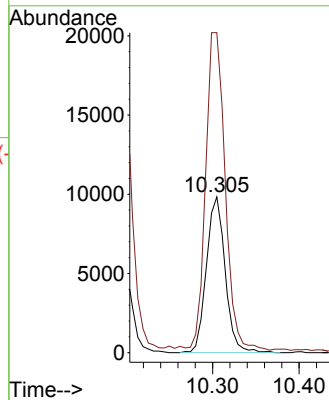
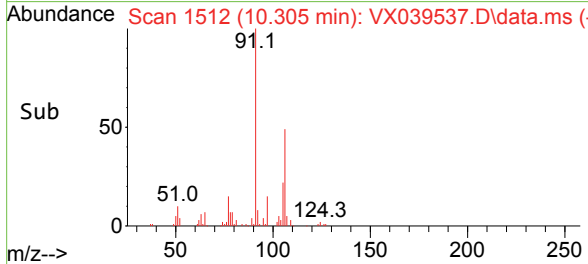
Instrument :
MSVOA_X
ClientSampleId :
SB32-2-20231222-7.5-8.5



Tgt Ion:106 Resp: 14819
Ion Ratio Lower Upper
106 100
91 211.6 165.5 248.3

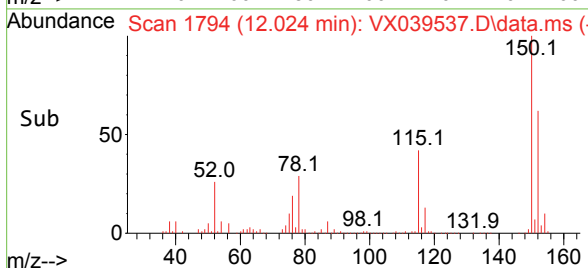
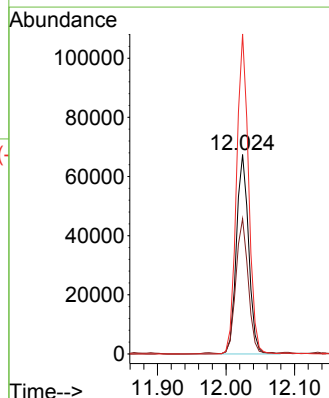
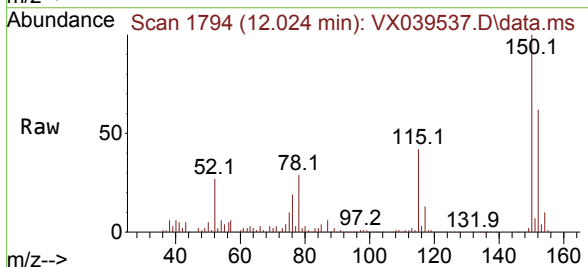
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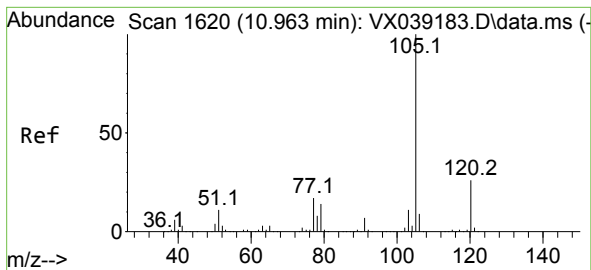
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX039537.D
Acq: 29 Dec 2023 12:04

Tgt Ion:152 Resp: 84282
Ion Ratio Lower Upper
152 100
115 67.5 43.3 129.9
150 157.2 0.0 345.0





#73

Isopropylbenzene

Concen: 2.257 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

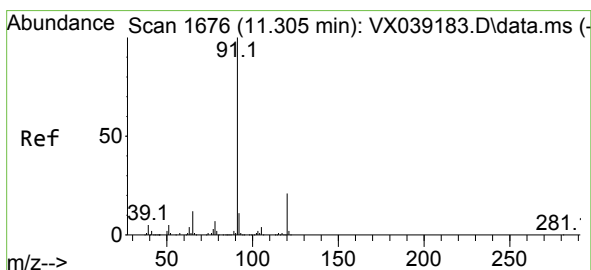
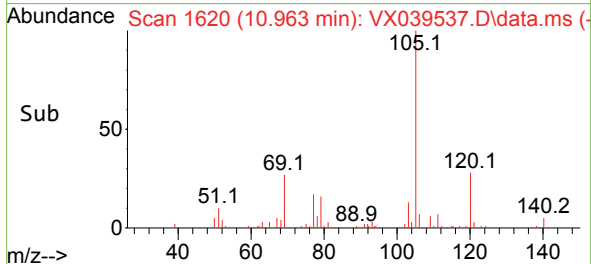
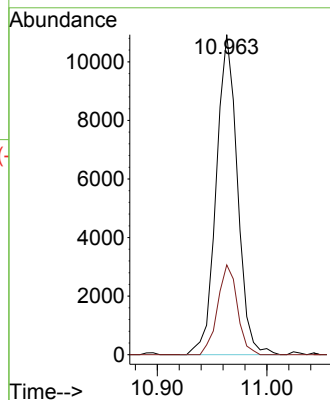
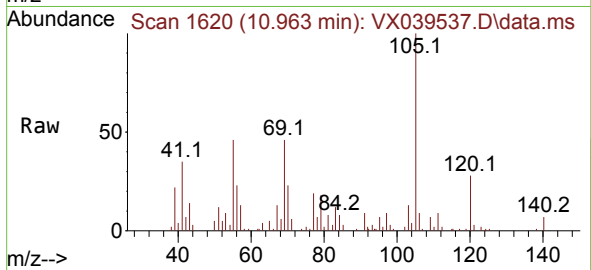
SB32-2-20231222-7.5-8.5

Tgt Ion:105 Resp: 1467
 Ion Ratio Lower Upper
 105 100
 120 26.1 12.9 38.6

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Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024



#78

n-propylbenzene

Concen: 12.513 ug/l

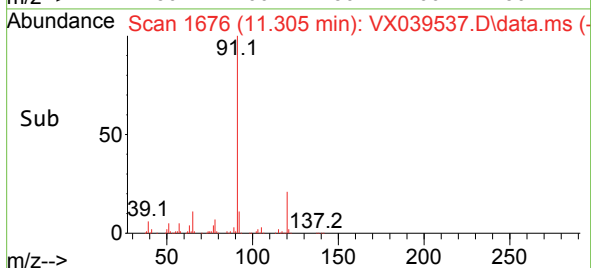
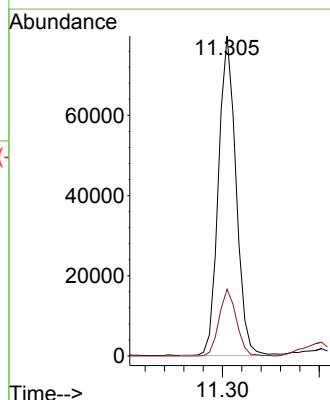
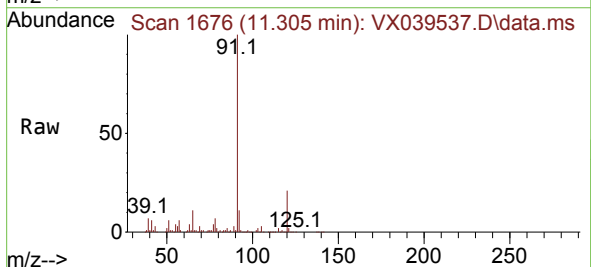
RT: 11.305 min Scan# 1676

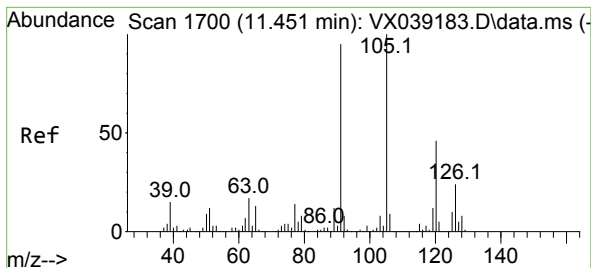
Delta R.T. 0.000 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

Tgt Ion: 91 Resp: 100256
 Ion Ratio Lower Upper
 91 100
 120 20.6 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.210 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039537.D

Acq: 29 Dec 2023 12:04

Instrument :

MSVOA_X

ClientSampleId :

SB32-2-20231222-7.5-8.5

Tgt Ion:105 Resp: 670

Ion Ratio Lower Upper

105 100

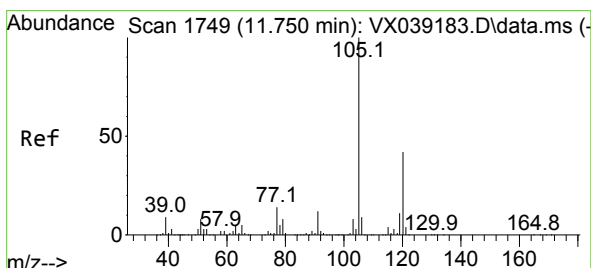
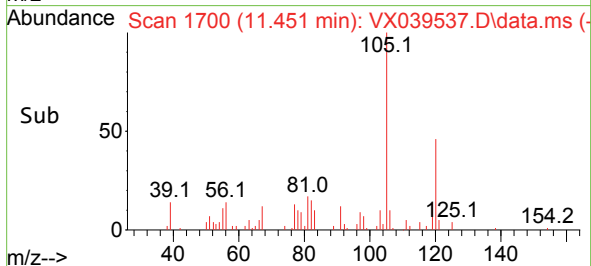
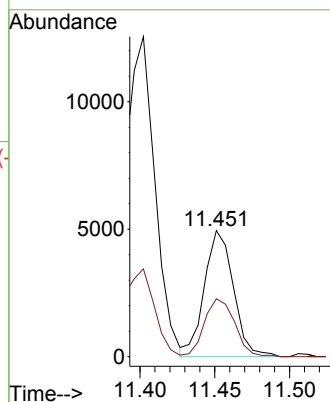
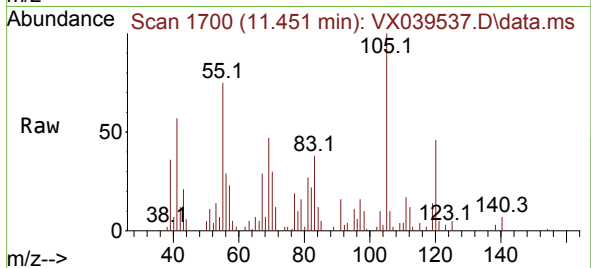
120 47.9 24.1 72.3

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Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#84

1,2,4-Trimethylbenzene

Concen: 3.279 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX039537.D

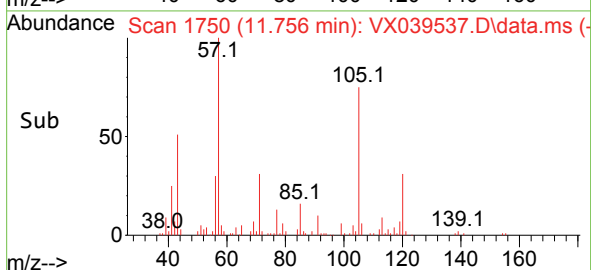
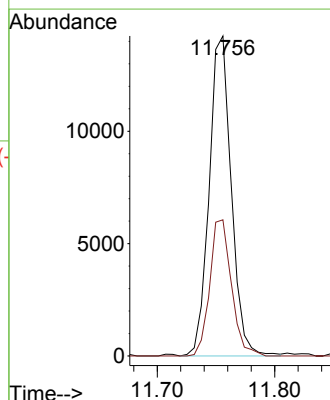
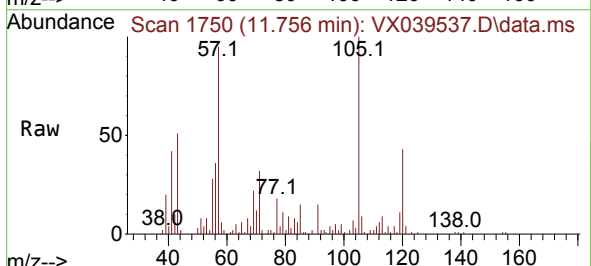
Acq: 29 Dec 2023 12:04

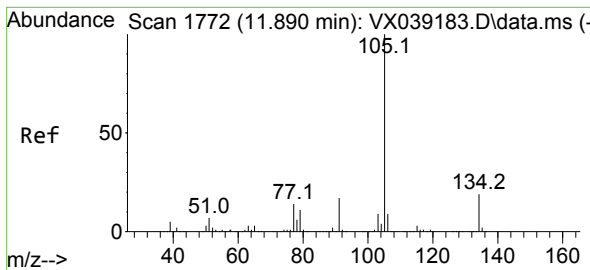
Tgt Ion:105 Resp: 18625

Ion Ratio Lower Upper

105 100

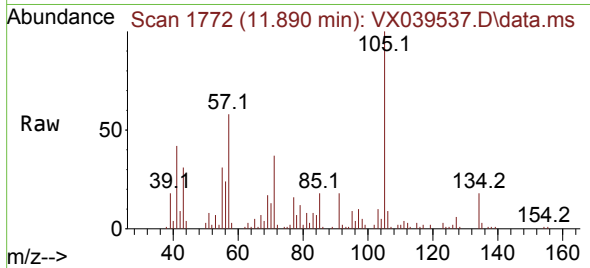
120 41.7 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 2.344 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX039537.D
 Acq: 29 Dec 2023 12:04

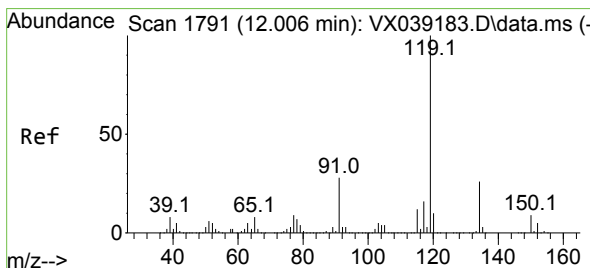
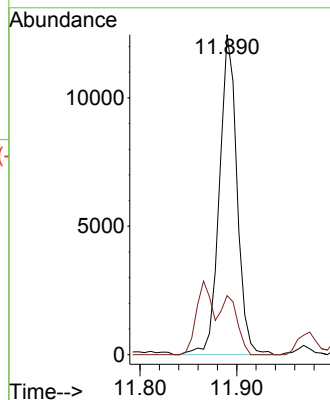
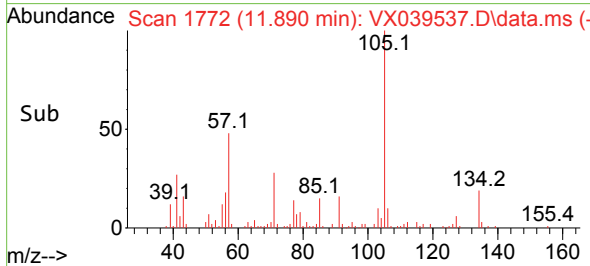
Instrument :
 MSVOA_X
 ClientSampleId :
 SB32-2-20231222-7.5-8.5



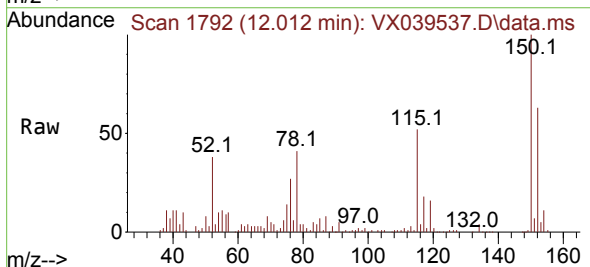
Tgt Ion:105 Resp: 1572
 Ion Ratio Lower Upper
 105 100
 134 0.0 9.8 29.4

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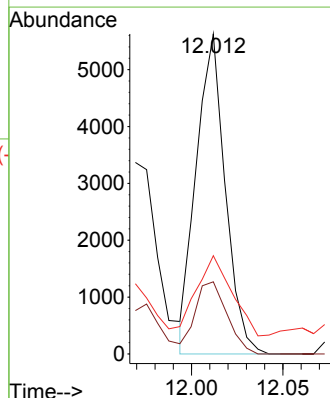
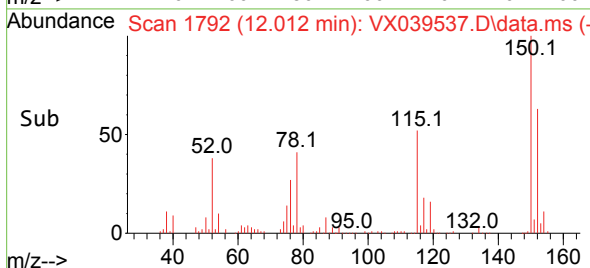
Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

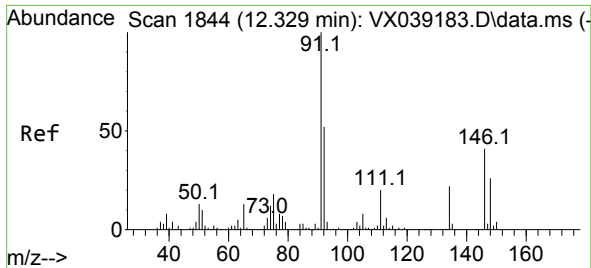


#86
 p-Isopropyltoluene
 Concen: 1.103 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX039537.D
 Acq: 29 Dec 2023 12:04



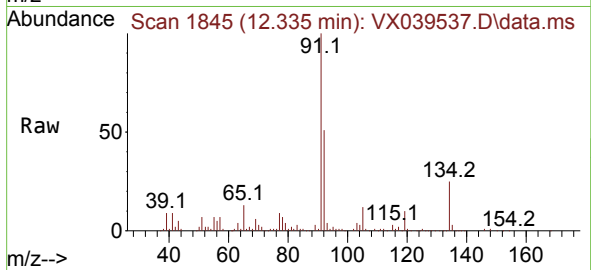
Tgt Ion:119 Resp: 6208
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.8 38.3
 91 36.8 13.1 39.3





#89
 n-Butylbenzene
 Concen: 11.769 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VX039537.D
 Acq: 29 Dec 2023 12:04

Instrument : MSVOA_X
 ClientSampleId : SB32-2-20231222-7.5-8.5



Tgt Ion: 91 Resp: 6513

Ion	Ratio	Lower	Upper
91	100		
92	43.2	27.4	82.0
134	57.3	12.6	37.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/01/2024
 Supervised By :Mahesh Dadoda 01/01/2024

