

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039545.D
 Acq On : 29 Dec 2023 15:08
 Operator : JC/MD
 Sample : 06038-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-401

Manual Integrations
 APPROVED

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

Quant Time: Dec 30 02:01:51 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

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	83511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	173277	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	179244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87145	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	73807	48.244	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.480%		
35) Dibromofluoromethane	5.385	113	56636	47.312	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	8.646	98	223896	50.379	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.760%		
62) 4-Bromofluorobenzene	11.079	95	101065	55.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.240%		
Target Compounds						Qvalue
16) Acetone	2.385	43	105683	105.215	ug/l	90
18) Methyl Acetate	2.702	43	5468	1.652	ug/l #	70
20) Methylene Chloride	2.788	84	2615	2.050	ug/l #	89
25) 2-Butanone	4.562	43	194517	147.344	ug/l	97
29) Tetrahydrofuran	5.001	42	325379	446.305	ug/l	99
31) Cyclohexane	5.470	56	97147	49.164	ug/l	99
39) Methylcyclohexane	7.378	83	68637	30.249	ug/l	99
40) Benzene	6.062	78	19738340	3693.832	ug/l #	89
43) Isopropyl Acetate	6.342	43	27461	7.236	ug/l	99
52) Toluene	8.720	92	245795	76.211	ug/l	95
67) Ethyl Benzene	10.207	91	14566846	2000.224	ug/l #	74
68) m/p-Xylenes	10.305	106	2323646	889.895	ug/l	99
69) o-Xylene	10.646	106	1421492	563.051	ug/l	96
73) Isopropylbenzene	10.963	105	1368288	203.506	ug/l	100
78) n-propylbenzene	11.304	91	512270	61.838	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	814518	142.205	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	3541380	602.908	ug/l	98
85) sec-Butylbenzene	11.890	105	12635m	1.822	ug/l	
86) p-Isopropyltoluene	12.012	119	110910	19.052	ug/l #	74
95) Naphthalene	13.786	128	30410049m	4771.441	ug/l	

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

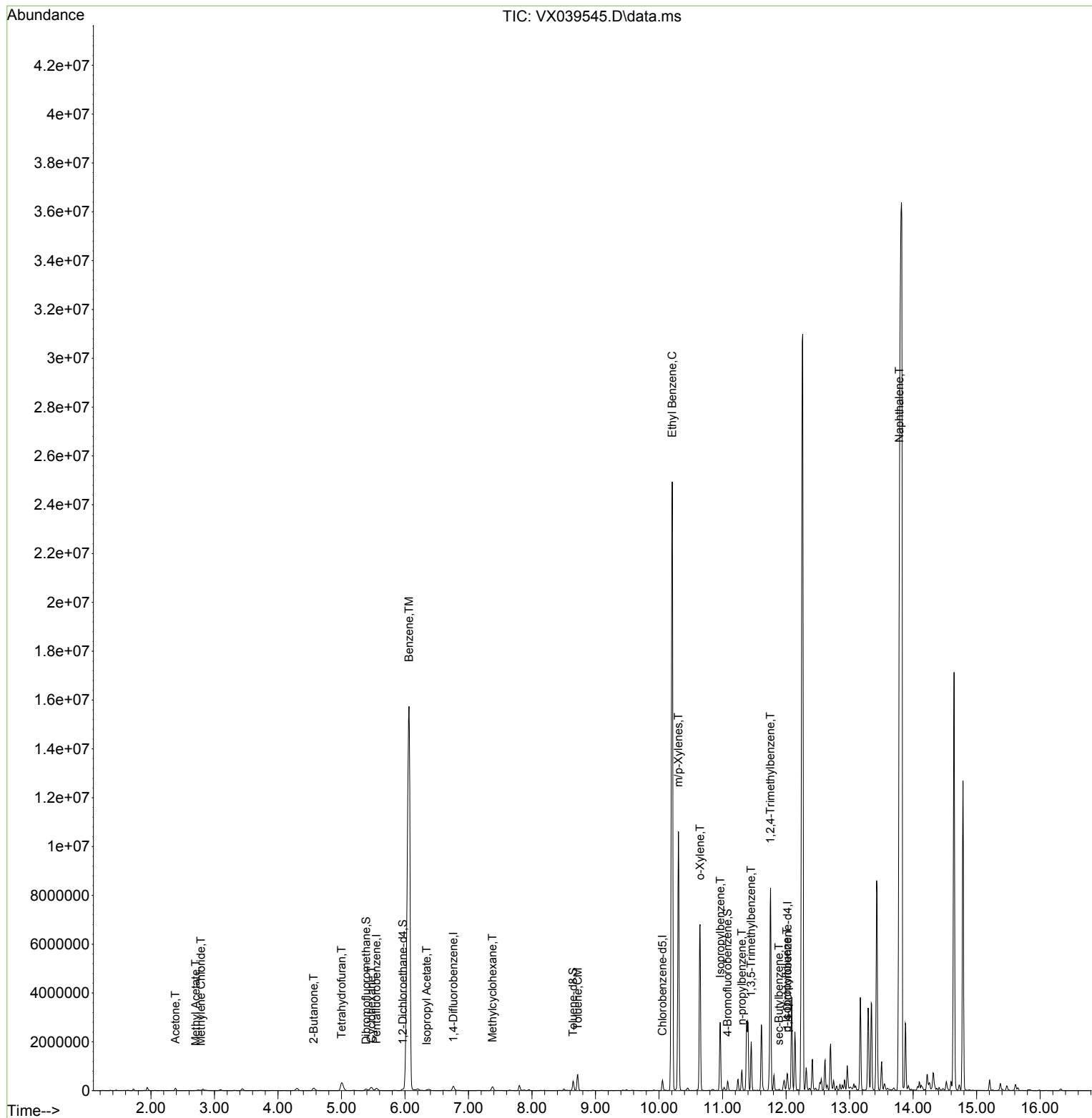
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
Data File : VX039545.D
Acq On : 29 Dec 2023 15:08
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Sample : 06038-04
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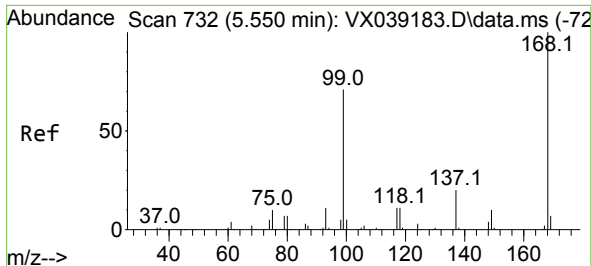
Instrument :
MSVOA_X
ClientSampleId :
T-401

Quant Time: Dec 30 02:01:51 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

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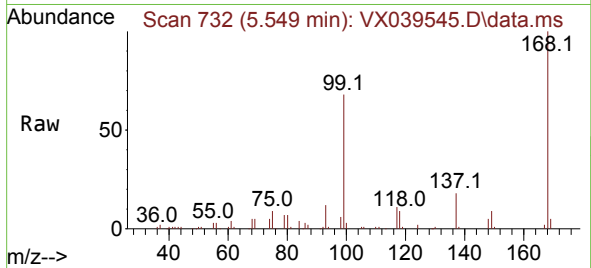
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

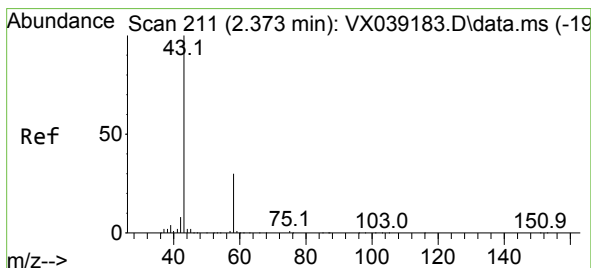
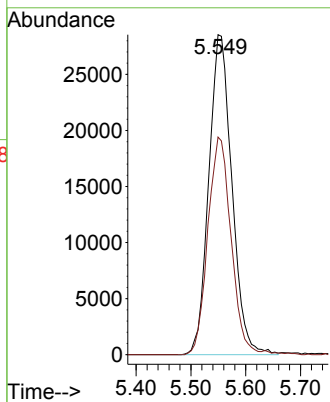
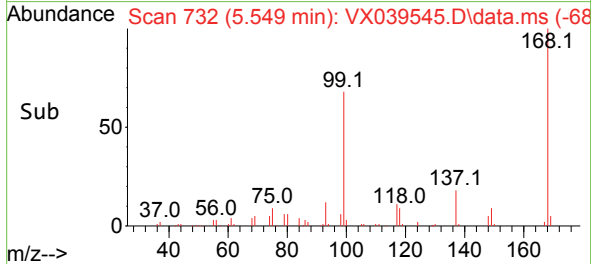
Instrument :
MSVOA_X
ClientSampleId :
T-401



Tgt Ion:168 Resp: 8351
Ion Ratio Lower Upper
168 100
99 68.0 56.6 85.0

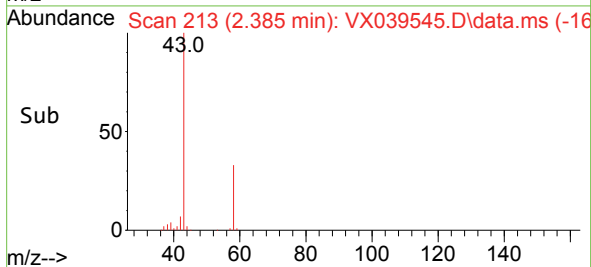
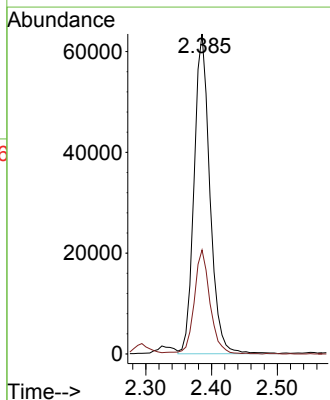
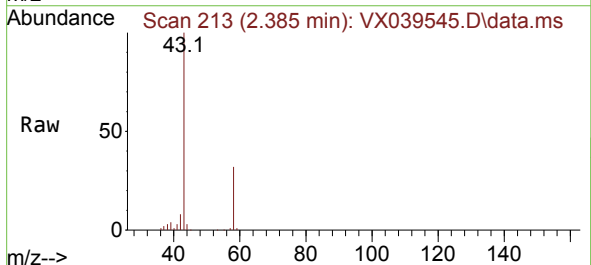
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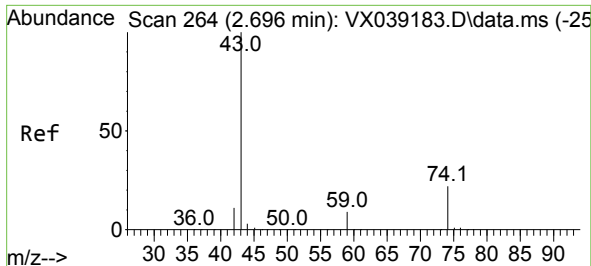
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#16
Acetone
Concen: 105.215 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

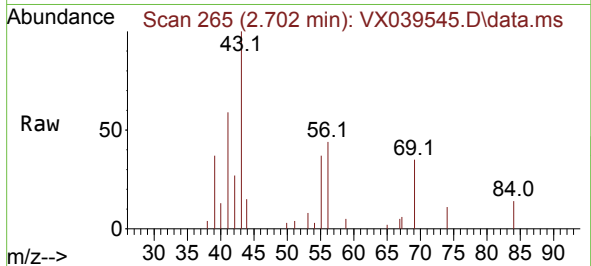
Tgt Ion: 43 Resp: 105683
Ion Ratio Lower Upper
43 100
58 32.4 21.9 32.9





#18
Methyl Acetate
Concen: 1.652 ug/l
RT: 2.702 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

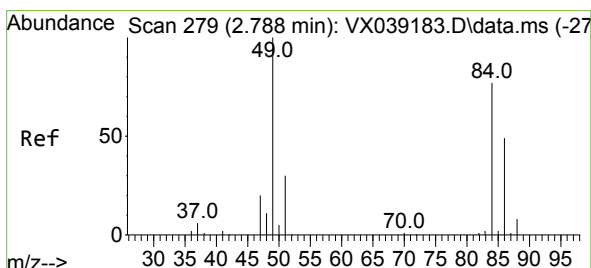
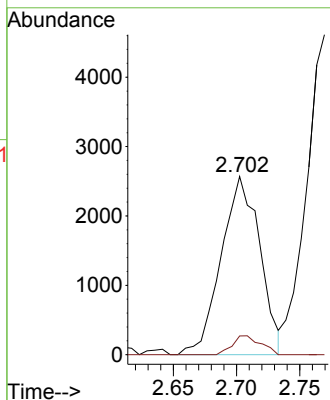
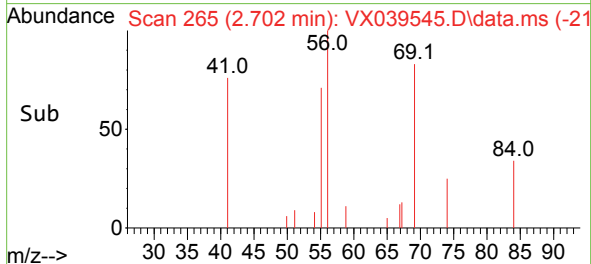
Instrument :
MSVOA_X
ClientSampleId :
T-401



Tgt Ion: 43 Resp: 5468
Ion Ratio Lower Upper
43 100
74 7.8 17.8 26.8

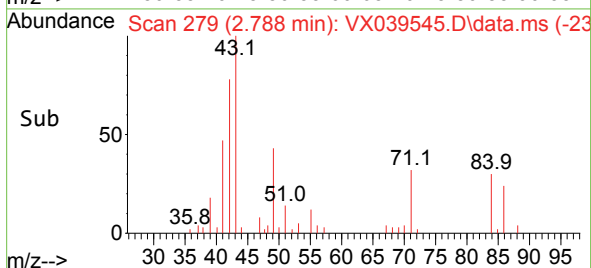
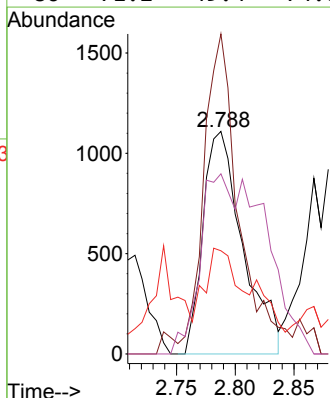
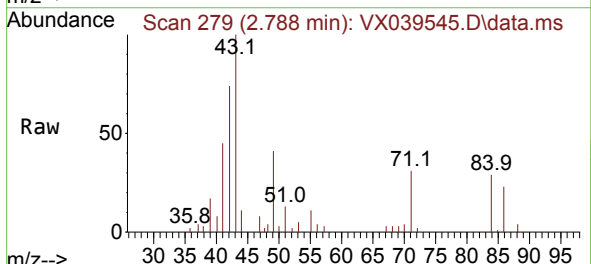
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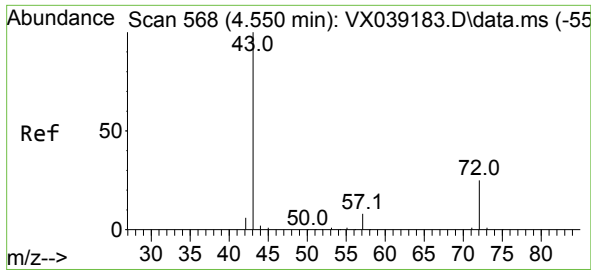
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#20
Methylene Chloride
Concen: 2.050 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

Tgt Ion: 84 Resp: 2615
Ion Ratio Lower Upper
84 100
49 139.1 103.6 155.4
51 32.1 33.8 50.6#
86 71.2 49.4 74.0





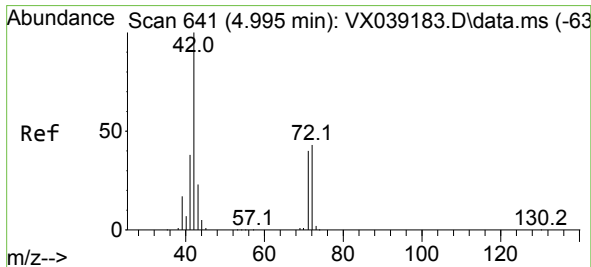
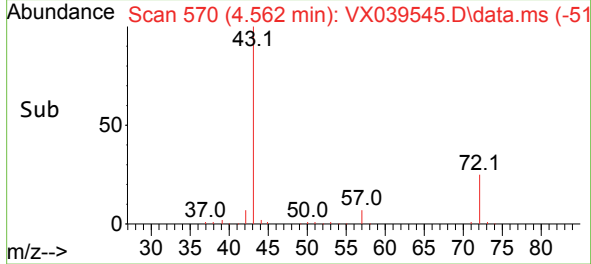
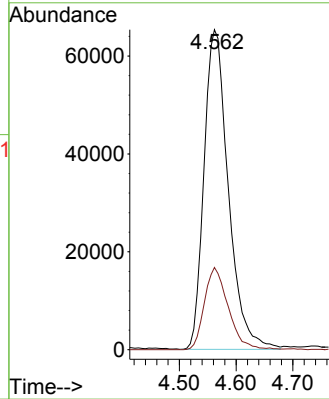
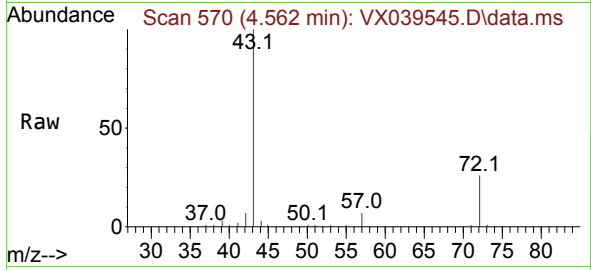
#25
2-Butanone
Concen: 147.344 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

Instrument :
MSVOA_X
ClientSampleId :
T-401

Tgt Ion: 43 Resp: 19451
Ion Ratio Lower Upper
43 100
72 25.7 19.4 29.2

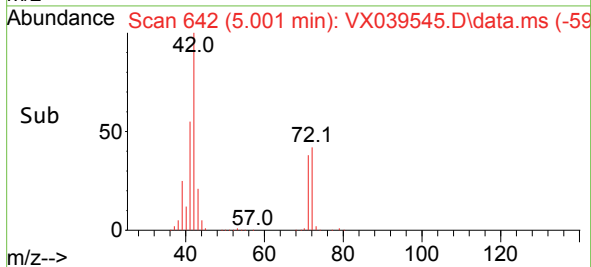
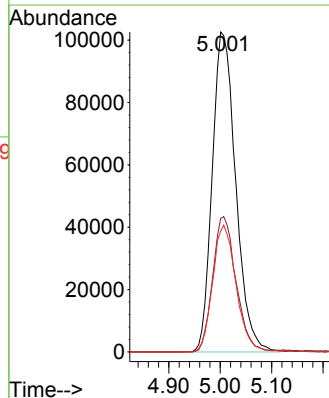
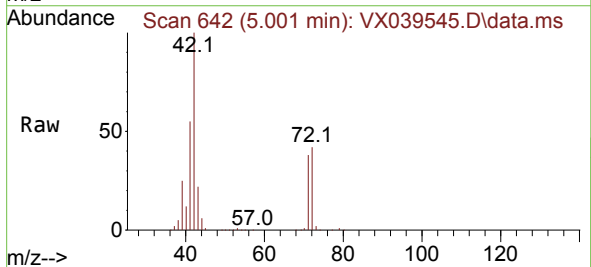
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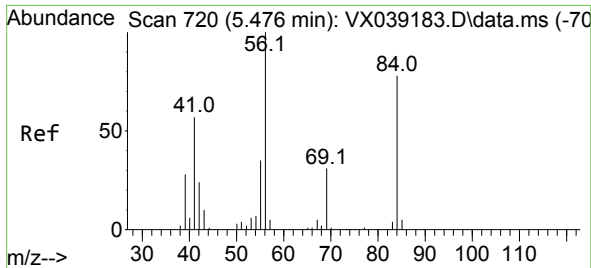
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#29
Tetrahydrofuran
Concen: 446.305 ug/l
RT: 5.001 min Scan# 642
Delta R.T. 0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

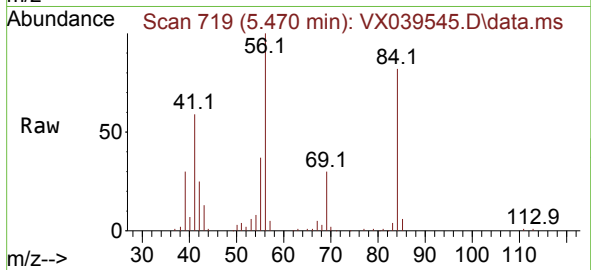
Tgt Ion: 42 Resp: 325379
Ion Ratio Lower Upper
42 100
72 42.1 34.2 51.4
71 39.5 32.2 48.2





#31
Cyclohexane
Concen: 49.164 ug/l
RT: 5.470 min Scan# 714
Delta R.T. -0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

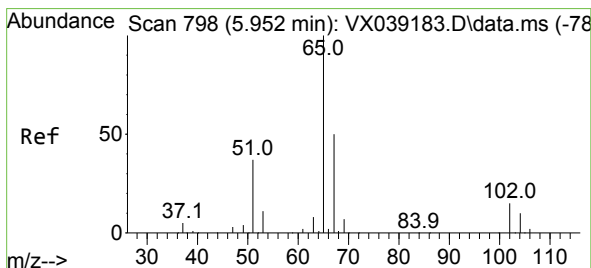
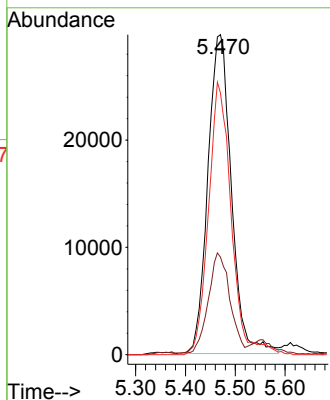
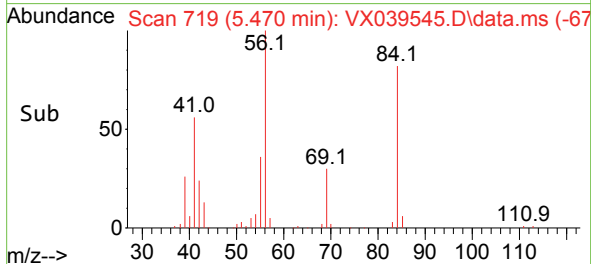
Instrument :
MSVOA_X
ClientSampleId :
T-401



Tgt Ion:	56	Resp:	9714
Ion Ratio	56	100	
Lower	69	30.0	23.4
Upper	84	82.1	65.9

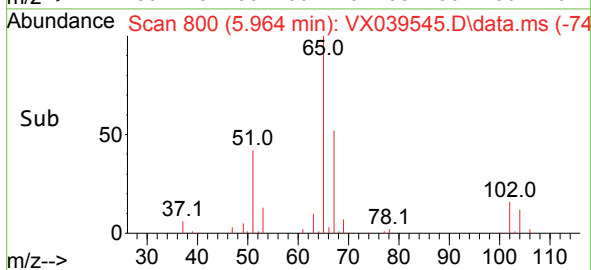
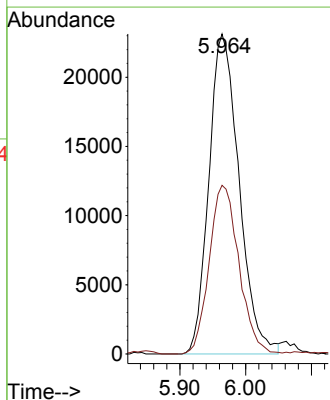
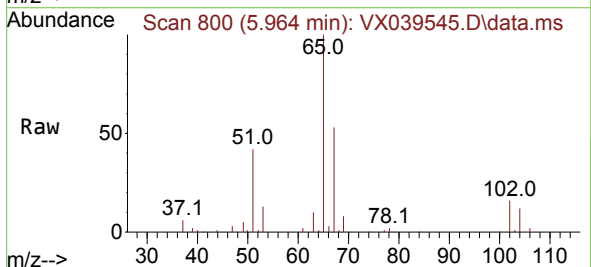
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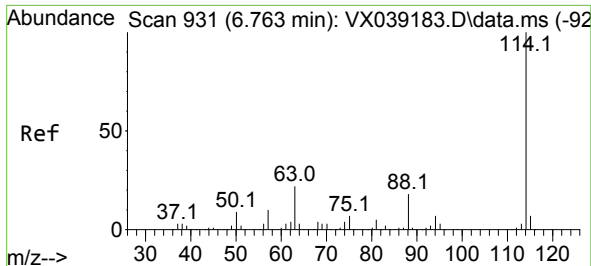
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#33
1,2-Dichloroethane-d4
Concen: 48.244 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.012 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

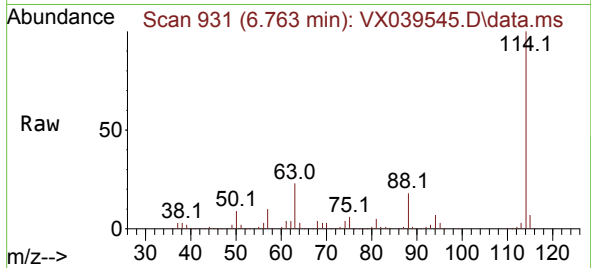
Tgt Ion:	65	Resp:	73807
Ion Ratio	65	100	
Lower	67	51.9	0.0
Upper			100.2





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

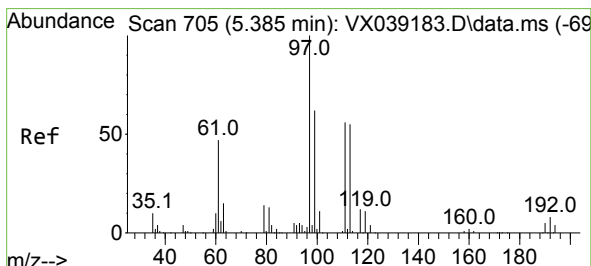
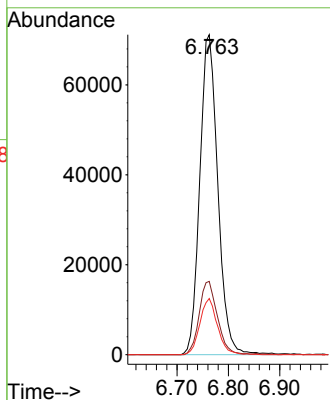
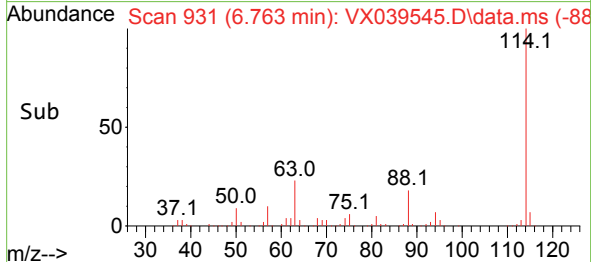
Instrument :
MSVOA_X
ClientSampleId :
T-401



Tgt Ion:114 Resp: 17327
Ion Ratio Lower Upper
114 100
63 22.9 0.0 45.0
88 17.5 0.0 36.6

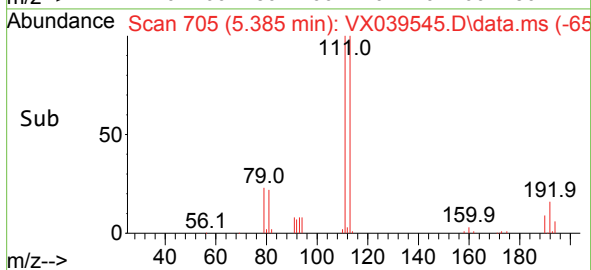
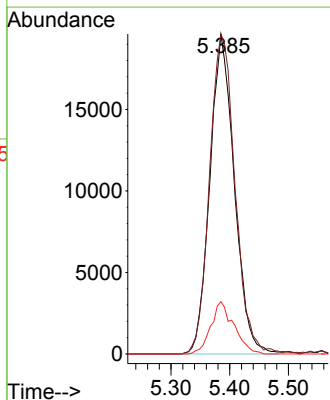
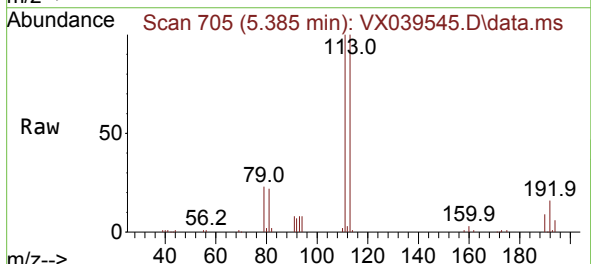
Manual Integrations
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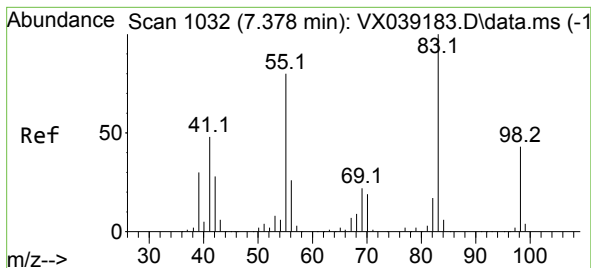
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#35
Dibromofluoromethane
Concen: 47.312 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

Tgt Ion:113 Resp: 56636
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 15.5 13.3 19.9





#39

Methylcyclohexane

Concen: 30.249 ug/l

RT: 7.378 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX039545.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

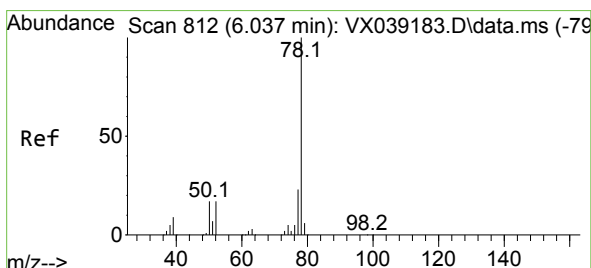
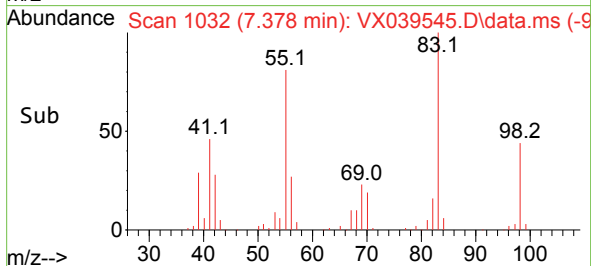
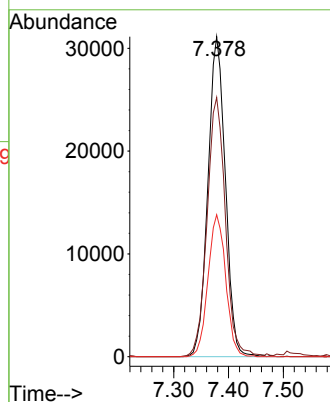
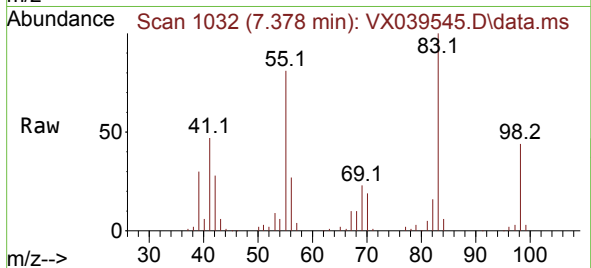
T-401

Tgt Ion:	83	Resp:	6863
Ion Ratio	Lower	Upper	
83	100		
55	81.0	64.6	97.0
98	44.3	36.7	55.1

Manual Integrations

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



#40

Benzene

Concen: 3693.832 ug/l

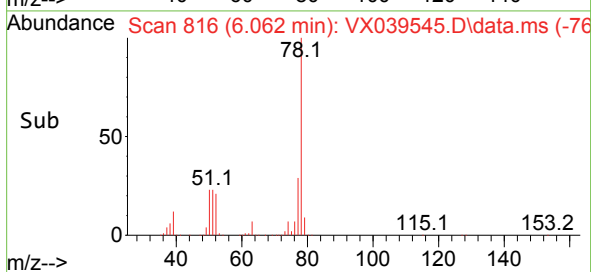
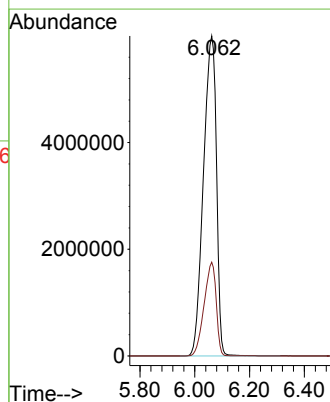
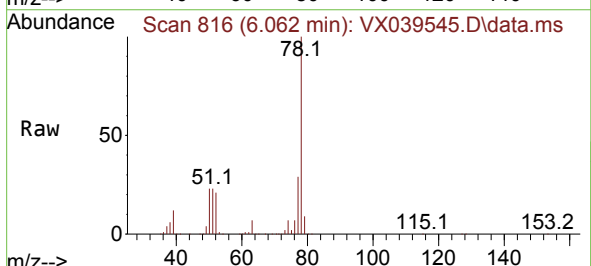
RT: 6.062 min Scan# 816

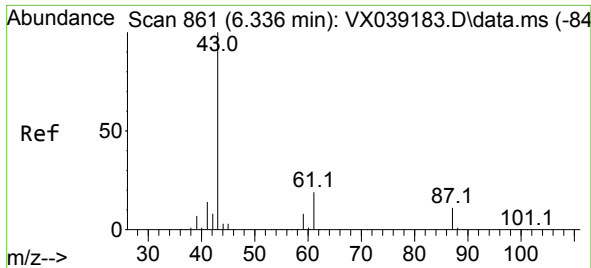
Delta R.T. 0.024 min

Lab File: VX039545.D

Acq: 29 Dec 2023 15:08

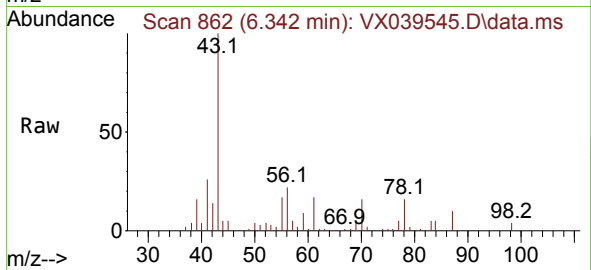
Tgt Ion:	78	Resp:	19738340
Ion Ratio	Lower	Upper	
78	100		
77	29.3	19.3	28.9





#43
Isopropyl Acetate
Concen: 7.236 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

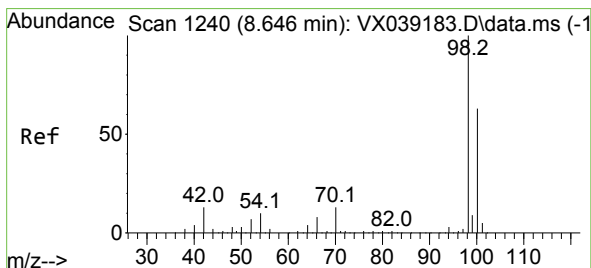
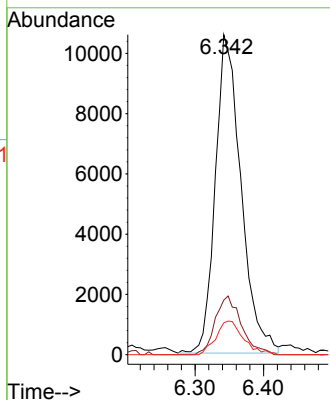
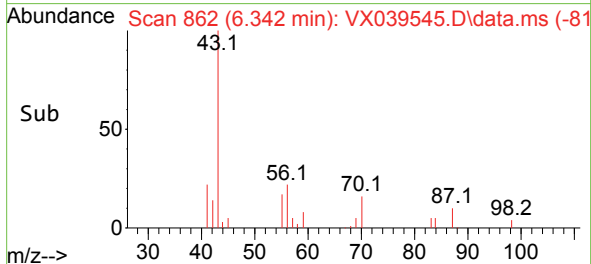
Instrument :
MSVOA_X
ClientSampleId :
T-401



Tgt Ion: 43 Resp: 2746
Ion Ratio Lower Upper
43 100
61 18.7 15.2 22.8
87 11.3 9.8 14.6

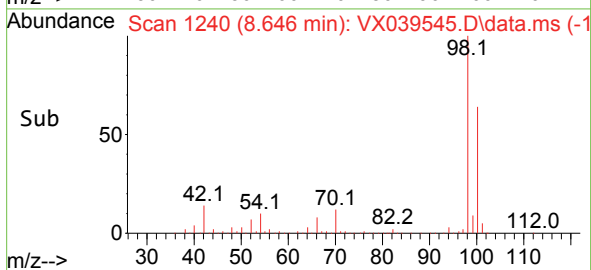
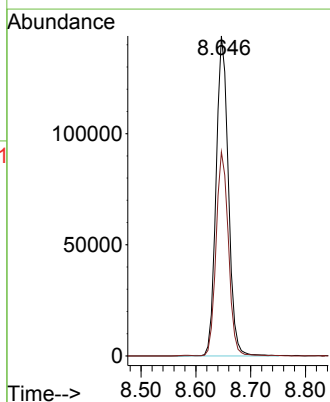
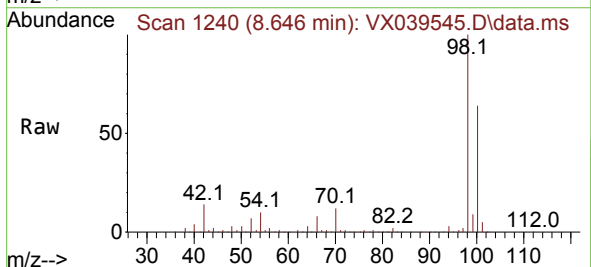
Manual Integrations
APPROVED

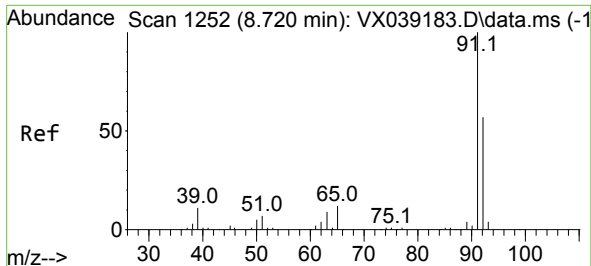
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#50
Toluene-d8
Concen: 50.379 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

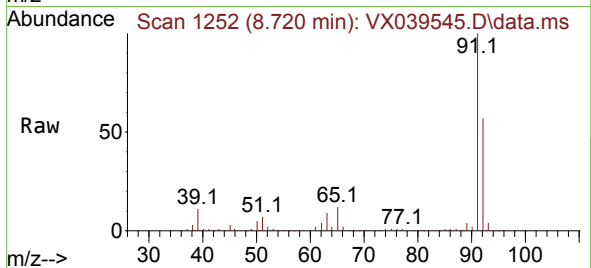
Tgt Ion: 98 Resp: 223896
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7





#52
Toluene
Concen: 76.211 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

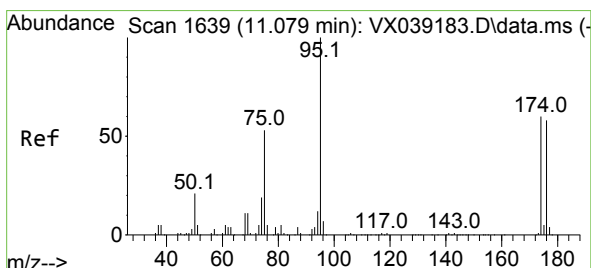
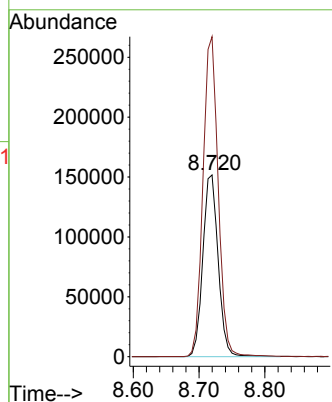
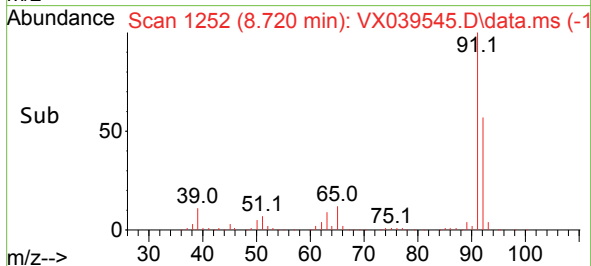
Instrument :
MSVOA_X
ClientSampleId :
T-401



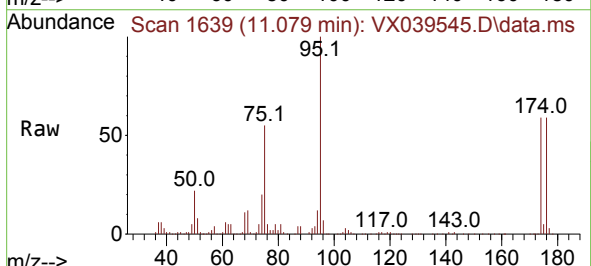
Tgt Ion: 92 Resp: 245799
Ion Ratio Lower Upper
92 100
91 174.5 134.2 201.2

Manual Integrations
APPROVED

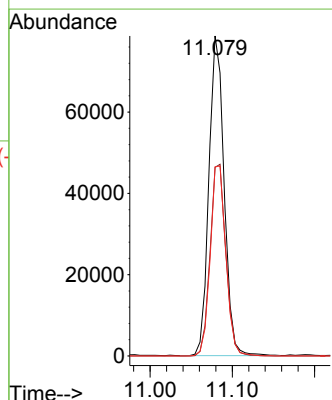
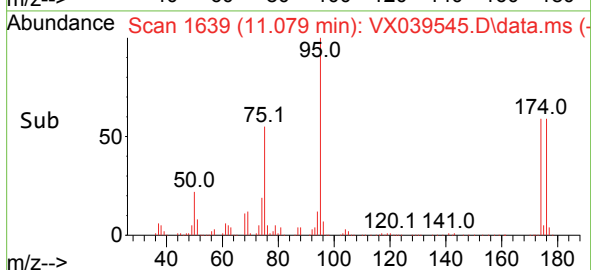
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

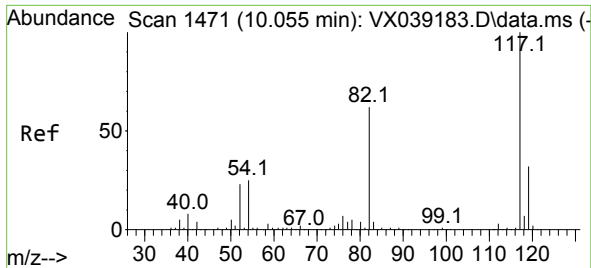


#62
4-Bromofluorobenzene
Concen: 55.117 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08



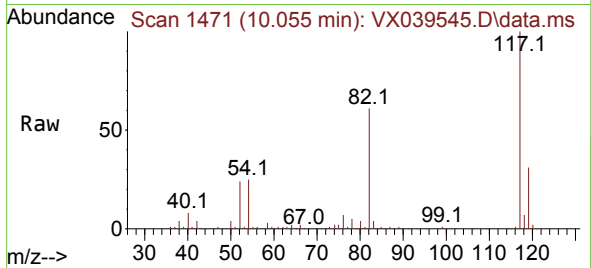
Tgt Ion: 95 Resp: 101065
Ion Ratio Lower Upper
95 100
174 62.0 0.0 135.6
176 61.0 0.0 131.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

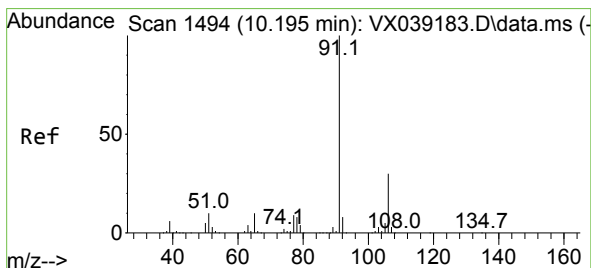
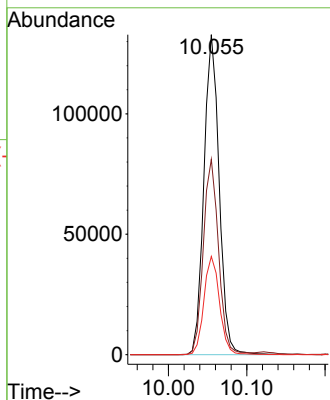
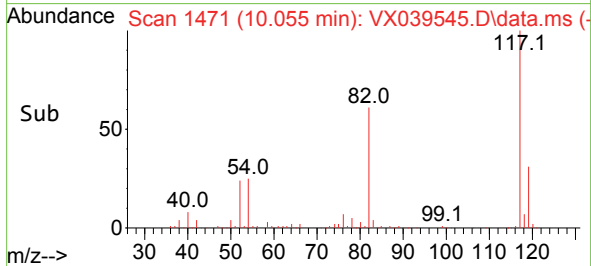
Instrument :
MSVOA_X
ClientSampleId :
T-401



Tgt Ion:117 Resp: 179244
Ion Ratio Lower Upper
117 100
82 61.0 46.2 69.4
119 30.7 25.5 38.3

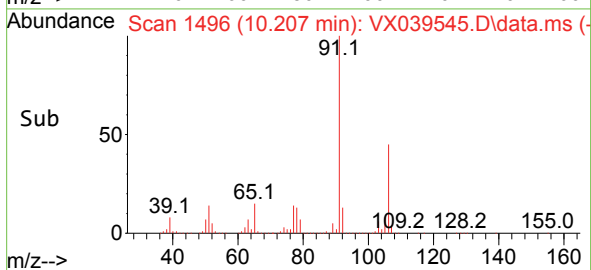
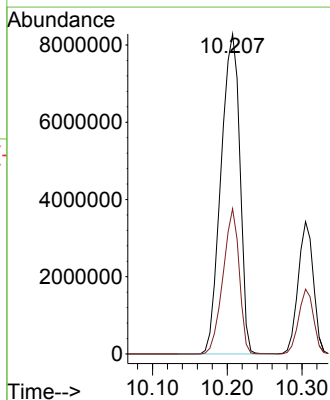
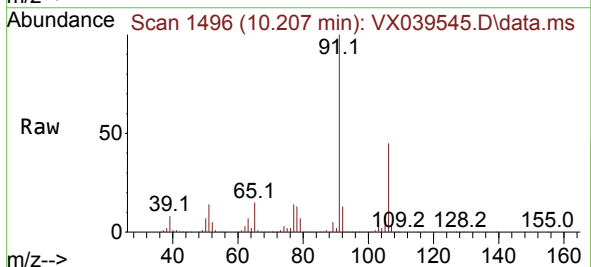
Manual Integrations
APPROVED

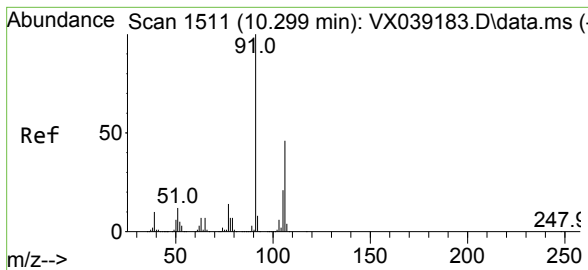
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024



#67
Ethyl Benzene
Concen: 2000.224 ug/l
RT: 10.207 min Scan# 1496
Delta R.T. 0.012 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

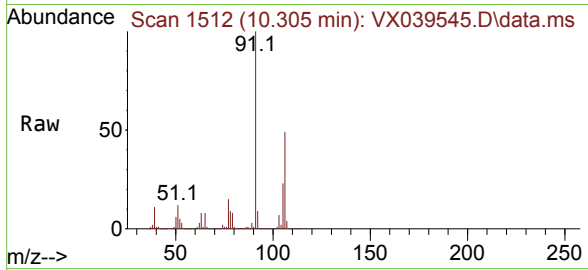
Tgt Ion: 91 Resp:14566846
Ion Ratio Lower Upper
91 100
106 45.4 24.9 37.3#





#68
m/p-Xylenes
Concen: 889.895 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

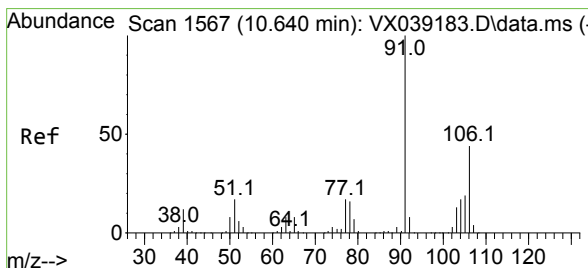
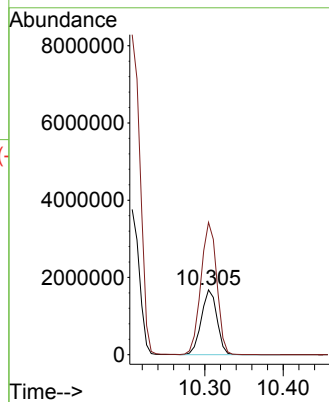
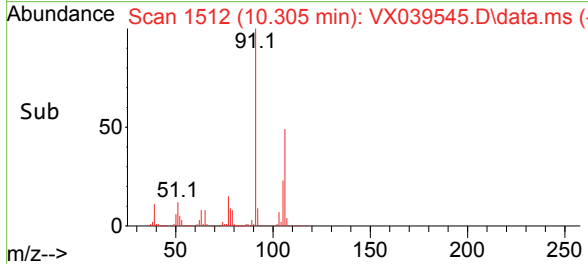
Instrument :
MSVOA_X
ClientSampleId :
T-401



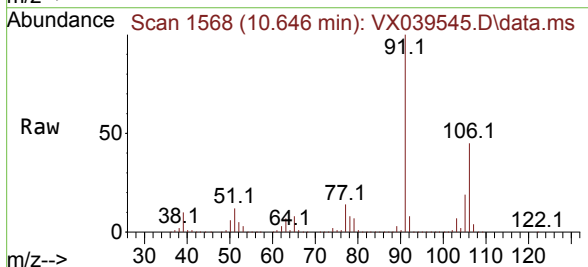
Tgt Ion:106 Resp: 2323640
Ion Ratio Lower Upper
106 100
91 208.3 165.5 248.3

Manual Integrations
APPROVED

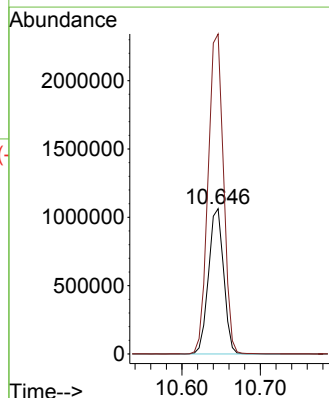
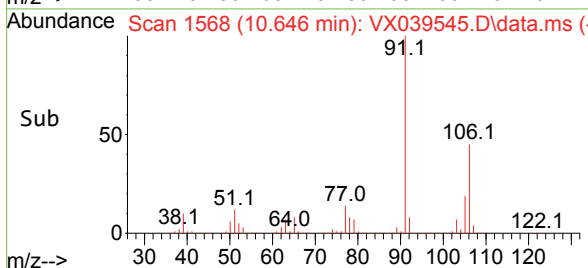
Reviewed By :Semsettin Yesilyurt 01/01/2024
Supervised By :Mahesh Dadoda 01/01/2024

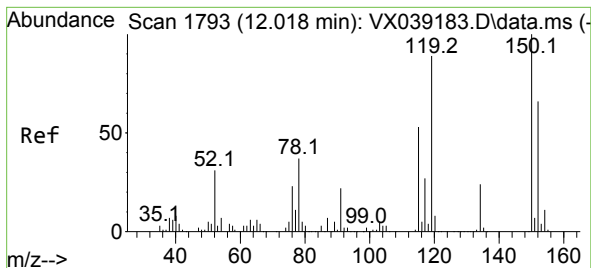


#69
o-Xylene
Concen: 563.051 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08



Tgt Ion:106 Resp: 1421492
Ion Ratio Lower Upper
106 100
91 224.5 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX039545.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

T-401

Tgt Ion:152 Resp: 87145

Ion Ratio Lower Upper

152 100

115 0.0 43.3 129.9

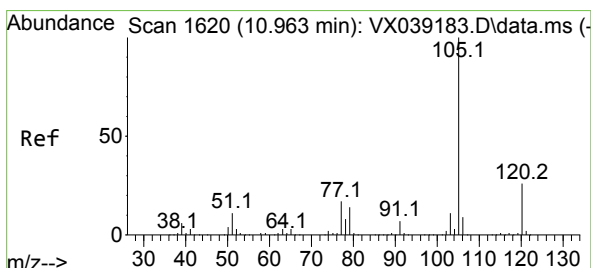
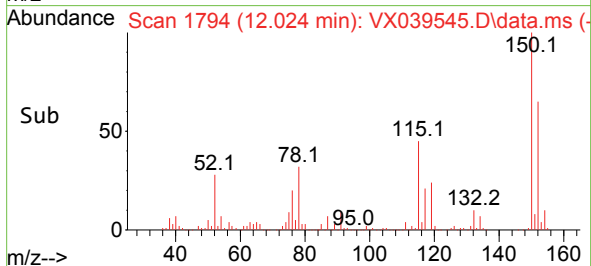
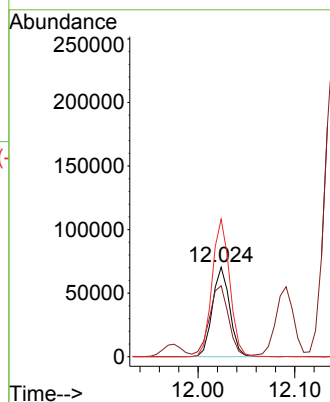
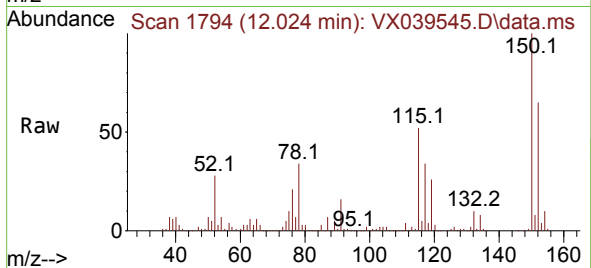
150 156.7 0.0 345.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#73

Isopropylbenzene

Concen: 203.506 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VX039545.D

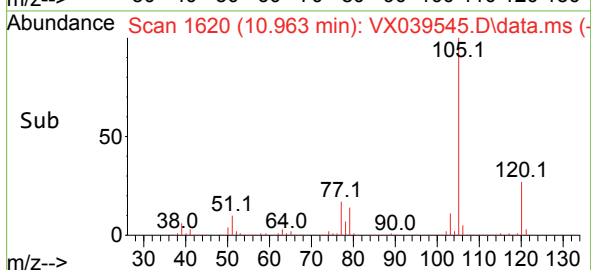
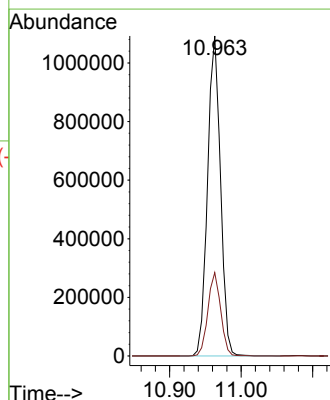
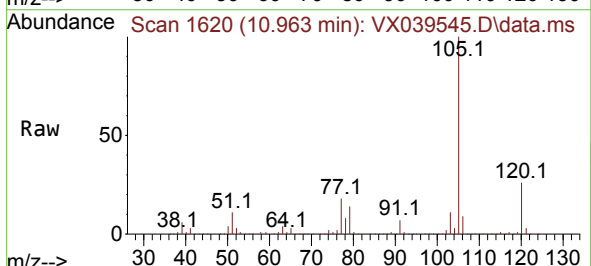
Acq: 29 Dec 2023 15:08

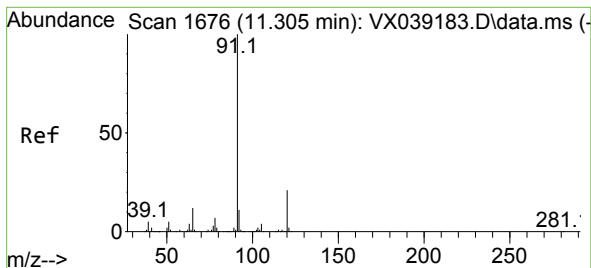
Tgt Ion:105 Resp: 1368288

Ion Ratio Lower Upper

105 100

120 25.8 12.9 38.6





#78

n-propylbenzene

Concen: 61.838 ug/l

RT: 11.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX039545.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

T-401

Tgt Ion: 91 Resp: 512270

Ion Ratio Lower Upper

91 100

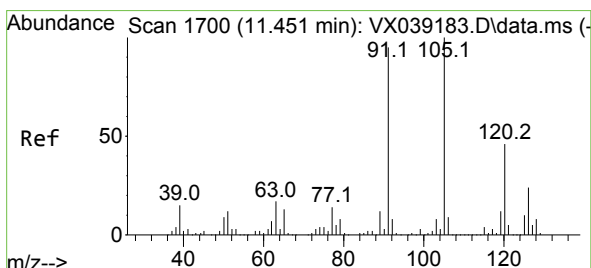
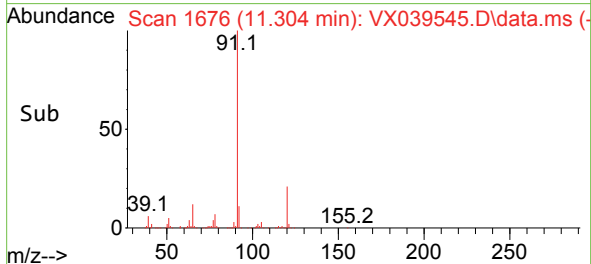
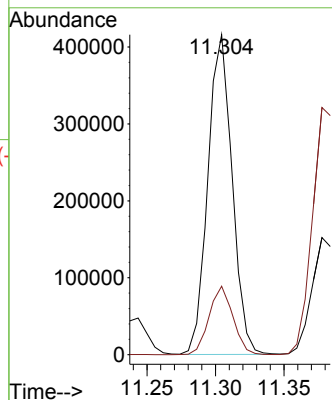
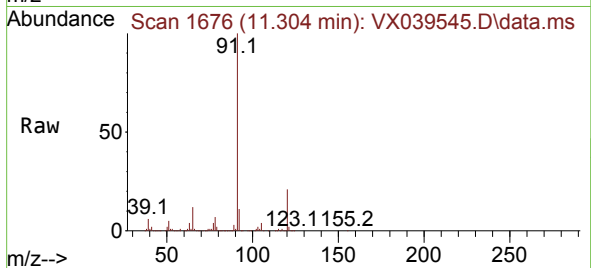
120 21.0 11.5 34.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#80

1,3,5-Trimethylbenzene

Concen: 142.205 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX039545.D

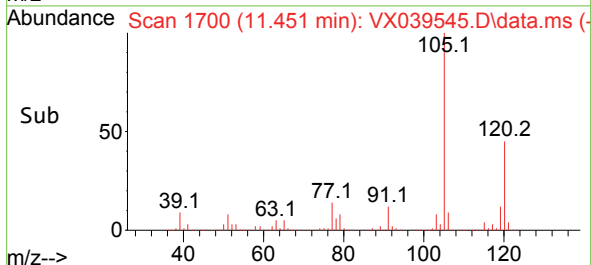
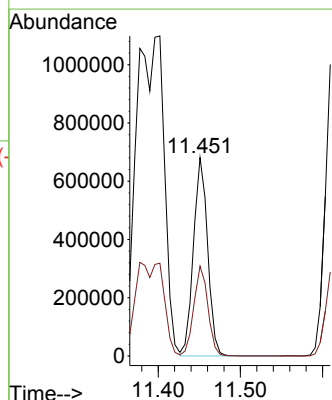
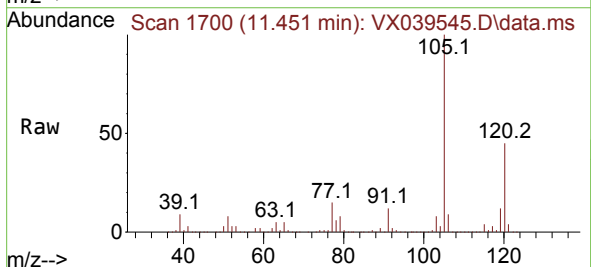
Acq: 29 Dec 2023 15:08

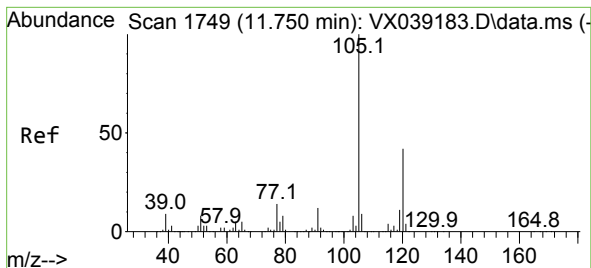
Tgt Ion:105 Resp: 814518

Ion Ratio Lower Upper

105 100

120 45.1 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 602.908 ug/l

RT: 11.756 min Scan# 11750

Delta R.T. 0.006 min

Lab File: VX039545.D

Acq: 29 Dec 2023 15:08

Instrument :

MSVOA_X

ClientSampleId :

T-401

Tgt Ion:105 Resp: 3541380

Ion Ratio Lower Upper

105 100

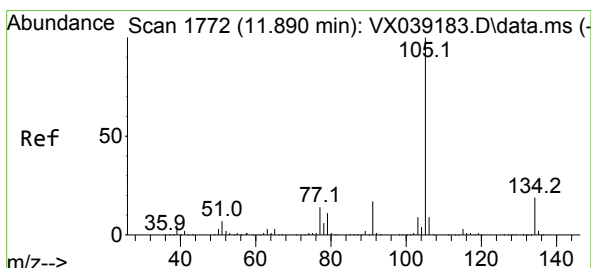
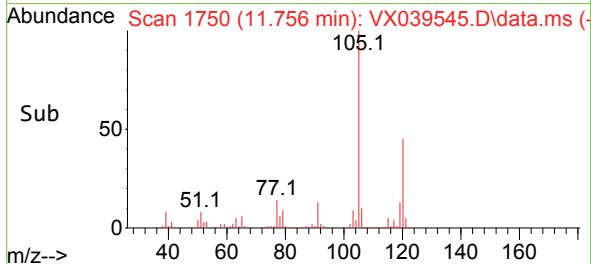
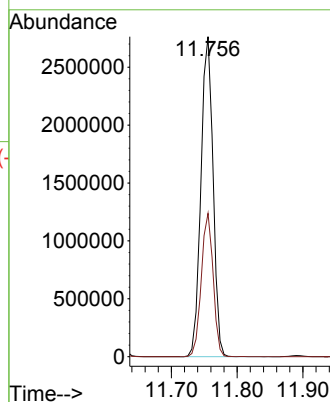
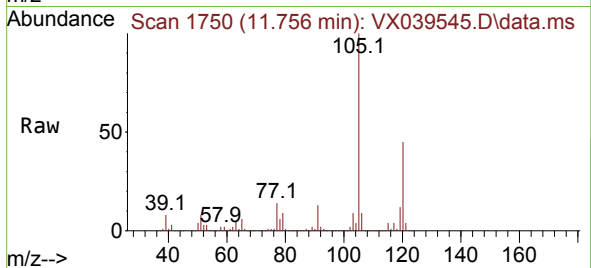
120 43.6 21.2 63.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/01/2024

Supervised By :Mahesh Dadoda 01/01/2024



#85

sec-Butylbenzene

Concen: 1.822 ug/l m

RT: 11.890 min Scan# 1772

Delta R.T. -0.000 min

Lab File: VX039545.D

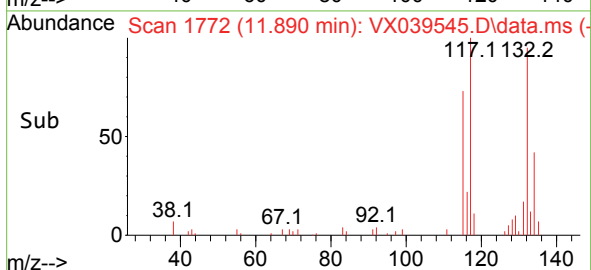
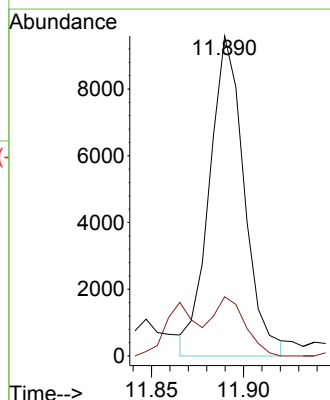
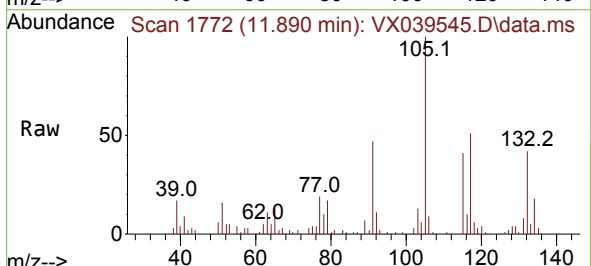
Acq: 29 Dec 2023 15:08

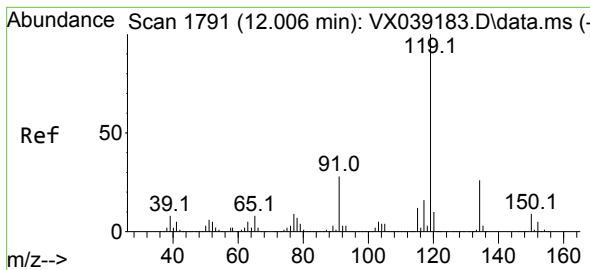
Tgt Ion:105 Resp: 12635

Ion Ratio Lower Upper

105 100

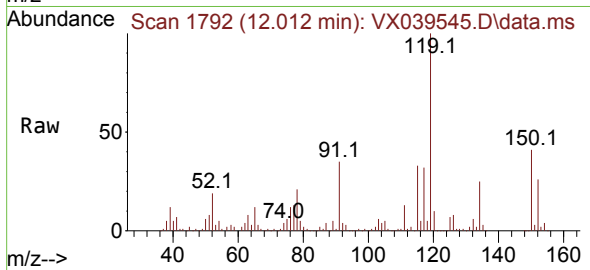
134 0.0 9.8 29.4#





#86
p-Isopropyltoluene
Concen: 19.052 ug/l
RT: 12.012 min Scan# 1190
Delta R.T. 0.006 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08

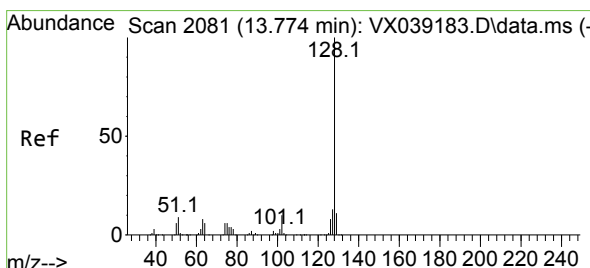
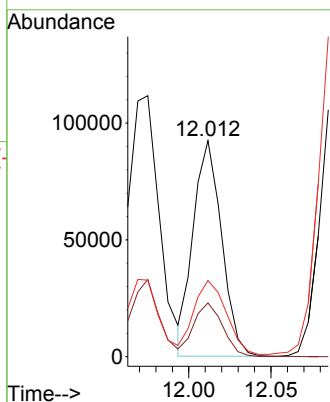
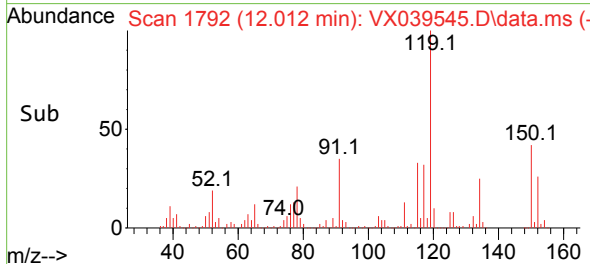
Instrument :
MSVOA_X
ClientSampleId :
T-401



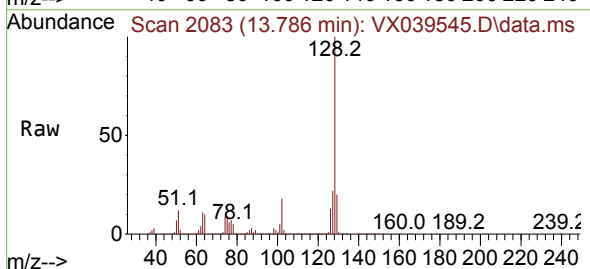
Tgt Ion:119 Resp: 110910
Ion Ratio Lower Upper
119 100
134 25.7 12.8 38.3
91 0.0 13.1 39.3

Manual Integrations
APPROVED

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



#95
Naphthalene
Concen: 4771.441 ug/l m
RT: 13.786 min Scan# 2083
Delta R.T. 0.012 min
Lab File: VX039545.D
Acq: 29 Dec 2023 15:08



Tgt Ion:128 Resp:30410049
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

