

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
 Data File : VX042408.D
 Acq On : 19 Jul 2024 17:42
 Operator : JC/MD
 Sample : P3215-13MERE
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D26MERE

Quant Time: Jul 20 01:56:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 20 01:45:50 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/22/2024
 Supervised By : Mahesh Dadoda 07/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	109730	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	98260	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	49267	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	11416m	17.874	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	35.740%#		
7) Chloroethane-d5	1.648	69	6112m	15.199	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	30.400%#		
11) 1,1-Dichloroethene-d2	2.276	65	3781	13.526	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	27.060%#		
21) 2-Butanone-d5	4.507	46	15757m	34.234	ug/L	0.05
Spiked Amount 100.000	Range 40 - 130		Recovery =	34.230%#		
24) Chloroform-d	5.056	84	22289	17.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	34.720%#		
26) 1,2-Dichloroethane-d4	5.952	65	15158	19.998	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	40.000%#		
32) Benzene-d6	5.964	84	51275	20.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	40.380%#		
36) 1,2-Dichloropropane-d6	7.305	67	14749	19.297	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	38.600%#		
41) Toluene-d8	8.647	98	46622	19.698	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	39.400%#		
43) trans-1,3-Dichloroprop...	8.958	79	4969	15.042	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	30.080%#		
47) 2-Hexanone-d5	9.397	63	11629	33.518	ug/L	0.01
Spiked Amount 100.000	Range 45 - 130		Recovery =	33.520%#		
56) 1,1,2,2-Tetrachloroeth...	11.195	84	20106	17.793	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	35.580%#		
66) 1,2-Dichlorobenzene-d4	12.323	152	18908	19.759	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	39.520%#		
Target Compounds						
					Qvalue	
15) Methyl Acetate	2.721	43	5526	6.927	ug/L	95
29) Cyclohexane	5.452	56	3836	3.612	ug/L #	86
35) Methylcyclohexane	7.373	83	11082	10.154	ug/L	96
53) m,p-Xylene	10.305	106	2912	2.271	ug/L	82
54) o-Xylene	10.646	106	1584	1.236	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	3558	1.517	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	3410	1.357	ug/L	98

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

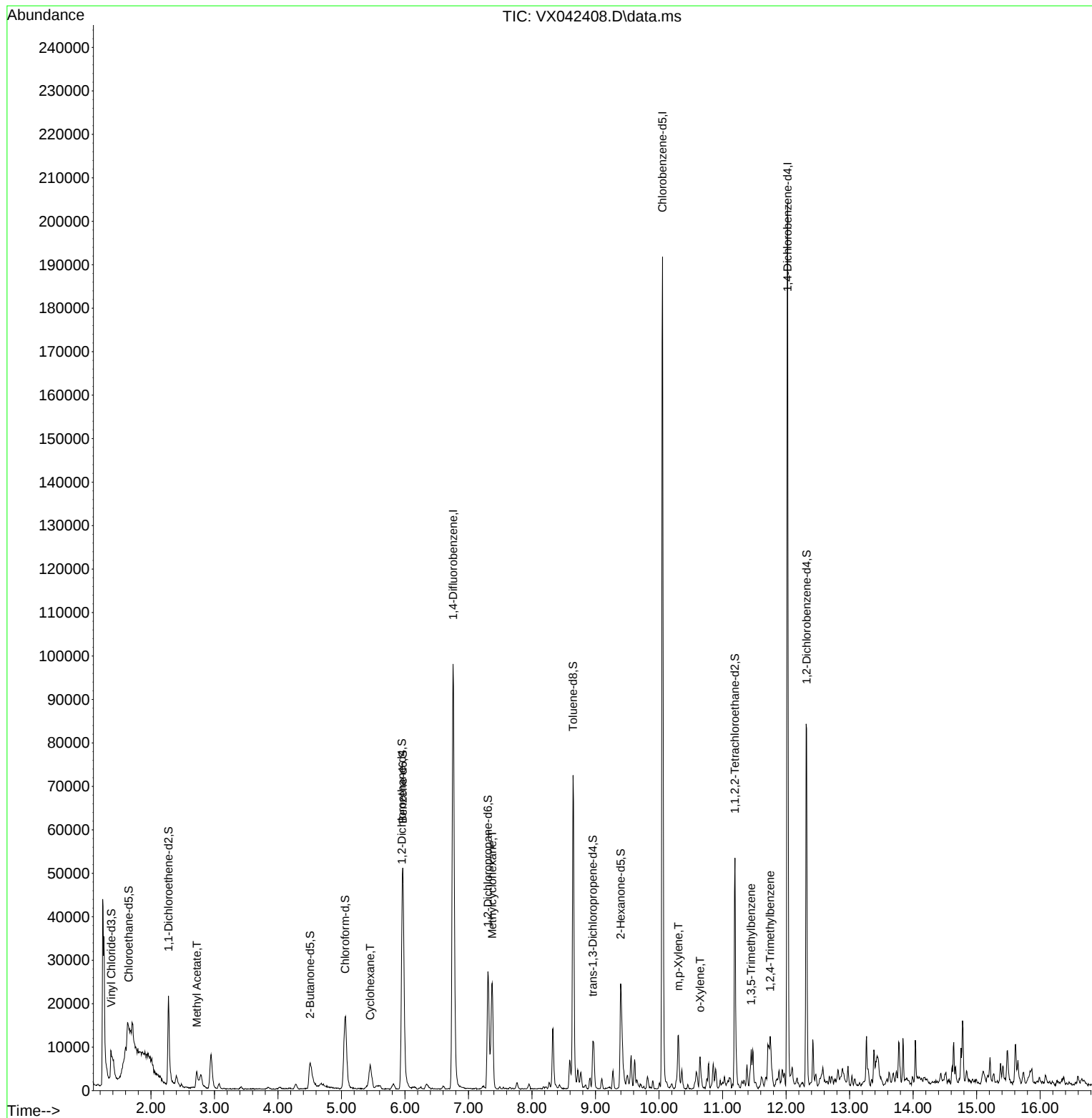
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072024\
Data File : VX042408.D
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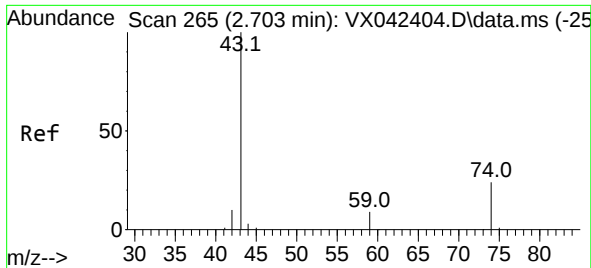
Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 20 01:56:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jul 20 01:45:50 2024
Response via : Initial Calibration





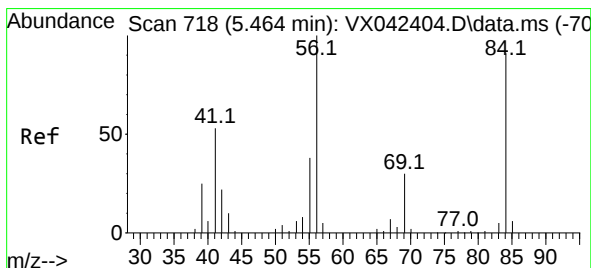
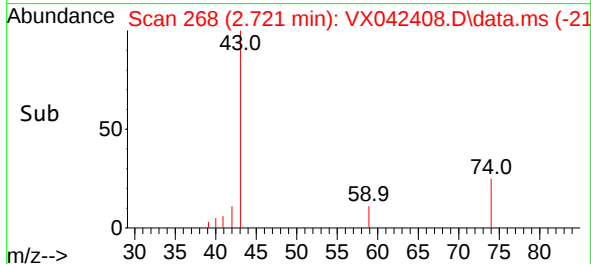
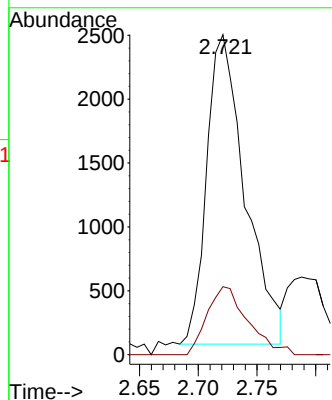
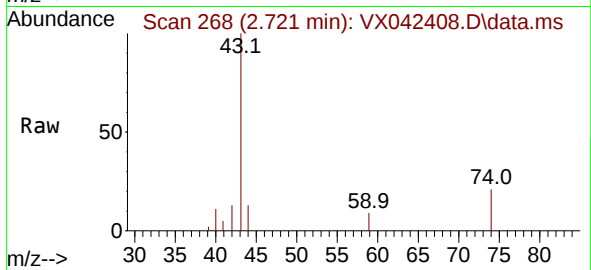
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Methyl Acetate
Concen: 6.927 ug/L
RT: 2.721 min Scan# 20
Delta R.T. 0.018 min
Lab File: VX042408.D
Acq: 19 Jul 2024 17:42

Instrument :
MSVOA_X
ClientSampleId :
A4D26MERE

Tgt Ion: 43 Resp: 5520
Ion Ratio Lower Upper
43 100
74 22.5 20.1 30.1

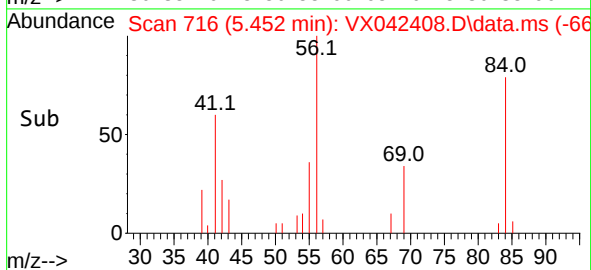
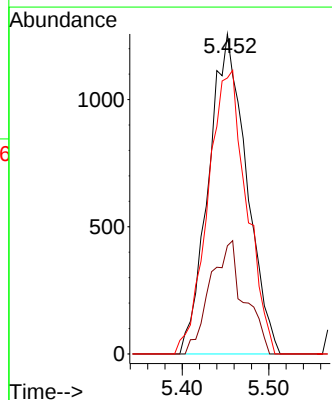
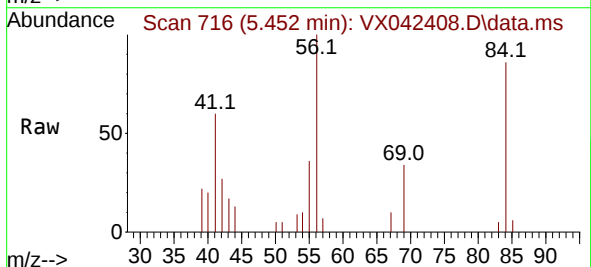
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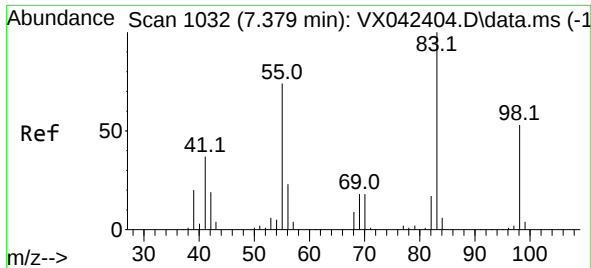
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/24/2024



#29
Cyclohexane
Concen: 3.612 ug/L
RT: 5.452 min Scan# 716
Delta R.T. -0.012 min
Lab File: VX042408.D
Acq: 19 Jul 2024 17:42

Tgt Ion: 56 Resp: 3836
Ion Ratio Lower Upper
56 100
69 6.0 25.3 37.9#
84 90.0 74.0 111.0





#35
Methylcyclohexane
Concen: 10.154 ug/L
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX042408.D
Acq: 19 Jul 2024 17:42

Instrument :

MSVOA_X

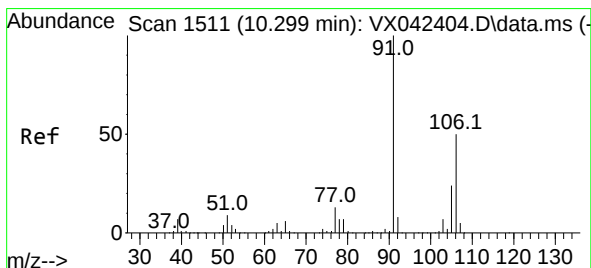
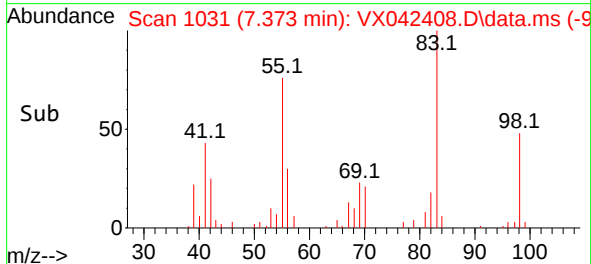
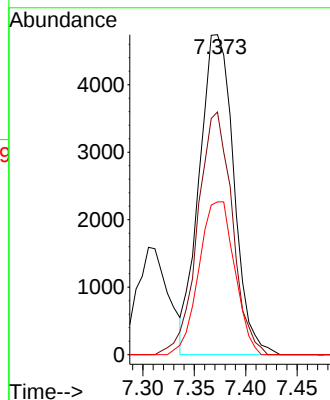
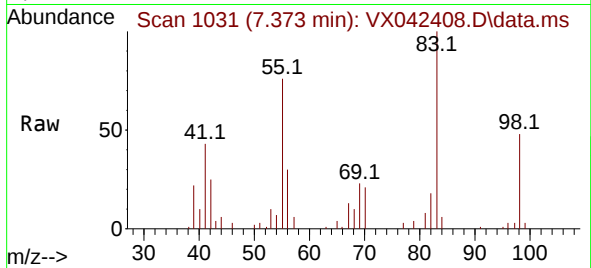
ClientSampleId :

A4D26MERE

Tgt Ion: 83 Resp: 1108
Ion Ratio Lower Upper
83 100
55 75.6 56.4 84.6
98 49.4 40.4 60.6

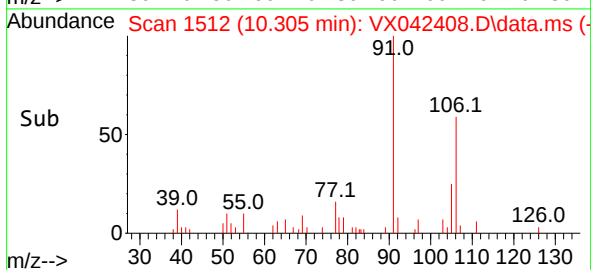
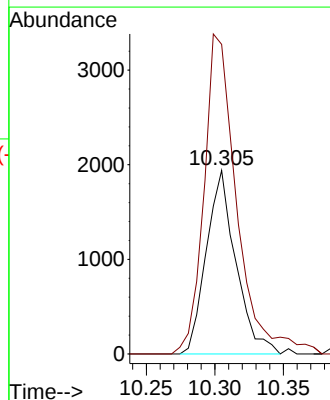
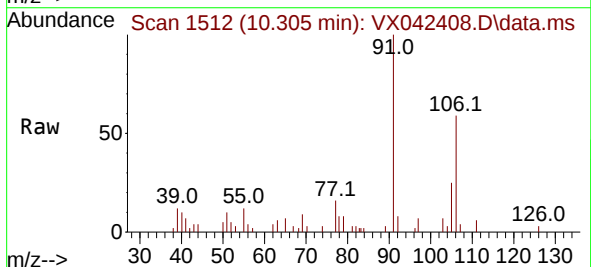
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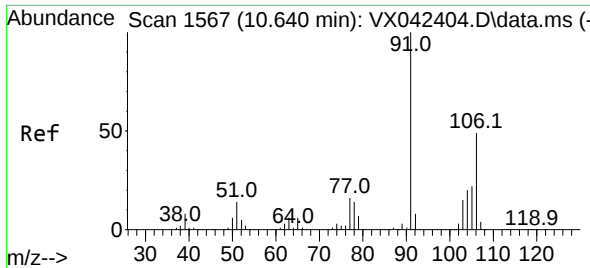
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/24/2024



#53
m,p-Xylene
Concen: 2.271 ug/L
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX042408.D
Acq: 19 Jul 2024 17:42

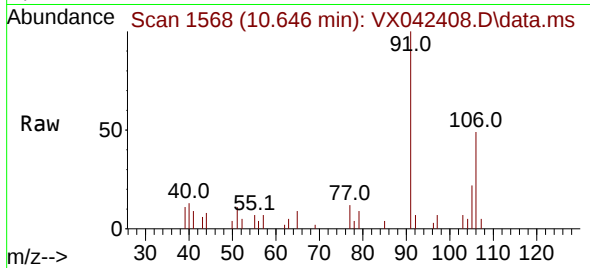
Tgt Ion:106 Resp: 2912
Ion Ratio Lower Upper
106 100
91 168.7 136.4 253.2





#54
o-Xylene
Concen: 1.236 ug/L
RT: 10.646 min Scan# 11584
Delta R.T. 0.006 min
Lab File: VX042408.D
Acq: 19 Jul 2024 17:42

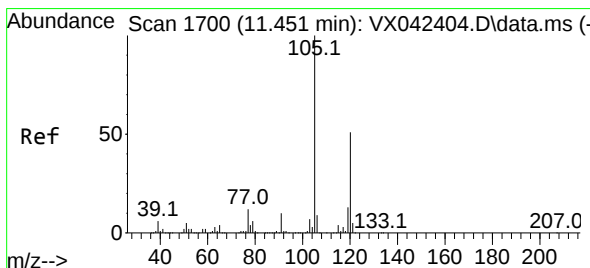
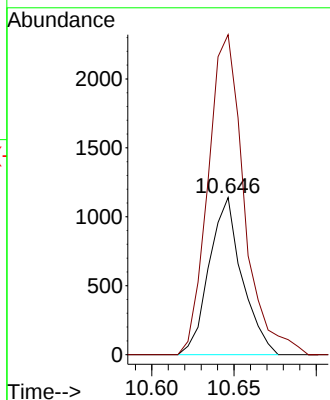
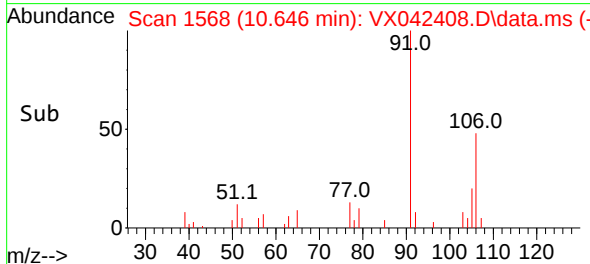
Instrument :
MSVOA_X
ClientSampleId :
A4D26MERE



Tgt Ion:106 Resp: 1584
Ion Ratio Lower Upper
106 100
91 203.6 143.4 266.2

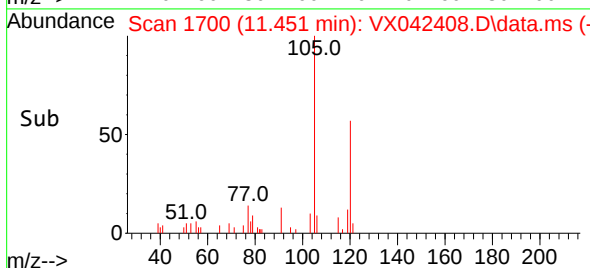
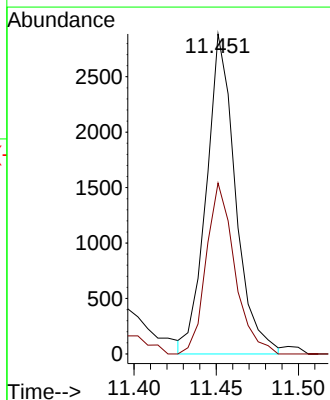
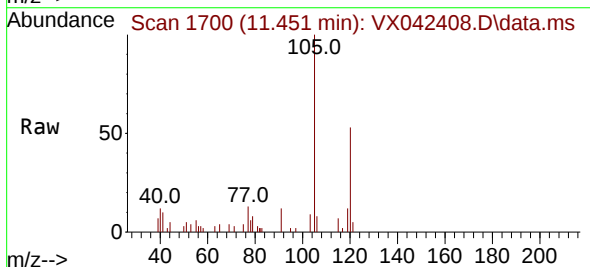
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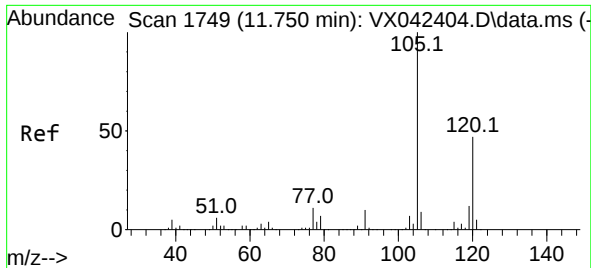
Reviewed By :John Carlone 07/22/2024
Supervised By :Mahesh Dadoda 07/24/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.517 ug/L
RT: 11.451 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VX042408.D
Acq: 19 Jul 2024 17:42

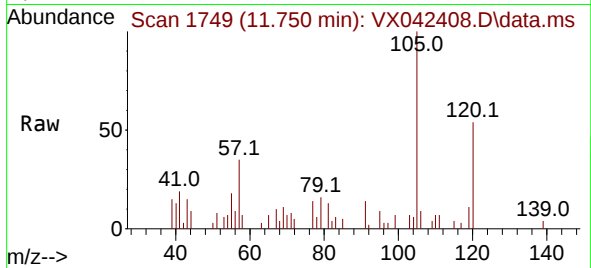
Tgt Ion:105 Resp: 3558
Ion Ratio Lower Upper
105 100
120 52.2 40.9 61.3





#63
 1,2,4-Trimethylbenzene
 Concen: 1.357 ug/L
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042408.D
 Acq: 19 Jul 2024 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 A4D26MERE



Tgt Ion:105 Resp: 3410
 Ion Ratio Lower Upper
 105 100
 120 46.4 38.4 57.6

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