

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101723\
 Data File : VW032452.D
 Acq On : 17 Oct 2023 17:54
 Operator : SY/MD
 Sample : 04903-11
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2023
 Supervised By : Semsettin Yesilyurt 10/20/2023

Quant Time: Oct 18 06:06:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 18 06:02:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	130445	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.799	117	141152	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.197	152	74392	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	32838	3.095	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.529	69	36509	4.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.060	65	15179	3.393	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.800%
20) 2-Butanone-d5	3.799	46	125720	46.846	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.700%
24) Chloroform-d	4.256	84	79127	4.228	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	4.947	65	45201	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	4.966	84	136409	3.284	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.600%#
36) 1,2-Dichloropropane-d6	5.998	67	46243	3.360	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	67.200%
41) Toluene-d8	7.265	98	135168	3.559	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.200%
43) trans-1,3-Dichloroprop...	7.564	79	15232	3.124	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.400%
46) 2-Hexanone-d5	8.030	63	124929	54.451	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.900%
56) 1,1,2,2-Tetrachloroeth...	10.169	84	42777	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.570	152	55550	4.024	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.246	76	18842	0.563	ug/L	100
30) Cyclohexane	4.590	56	5100804	241.869	ug/L	97
33) Benzene	5.011	78	1319771	26.557	ug/L	100
35) Methylcyclohexane	6.056	83	1822532	86.810	ug/L	94
42) Toluene	7.317	91	51390501m	970.048	ug/L	
52) Ethylbenzene	8.950	91	34933979m	592.174	ug/L	
53) m,p-Xylene	9.098	106	43651853m	1995.154	ug/L	
54) o-Xylene	9.506	106	27037633m	1282.494	ug/L	
60) Isopropylbenzene	9.879	105	4513385	78.065	ug/L	99
62) 1,3,5-Trimethylbenzene	10.497	105	12178898	258.459	ug/L	97
63) 1,2,4-Trimethylbenzene	10.863	105	25667526m	547.135	ug/L	

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

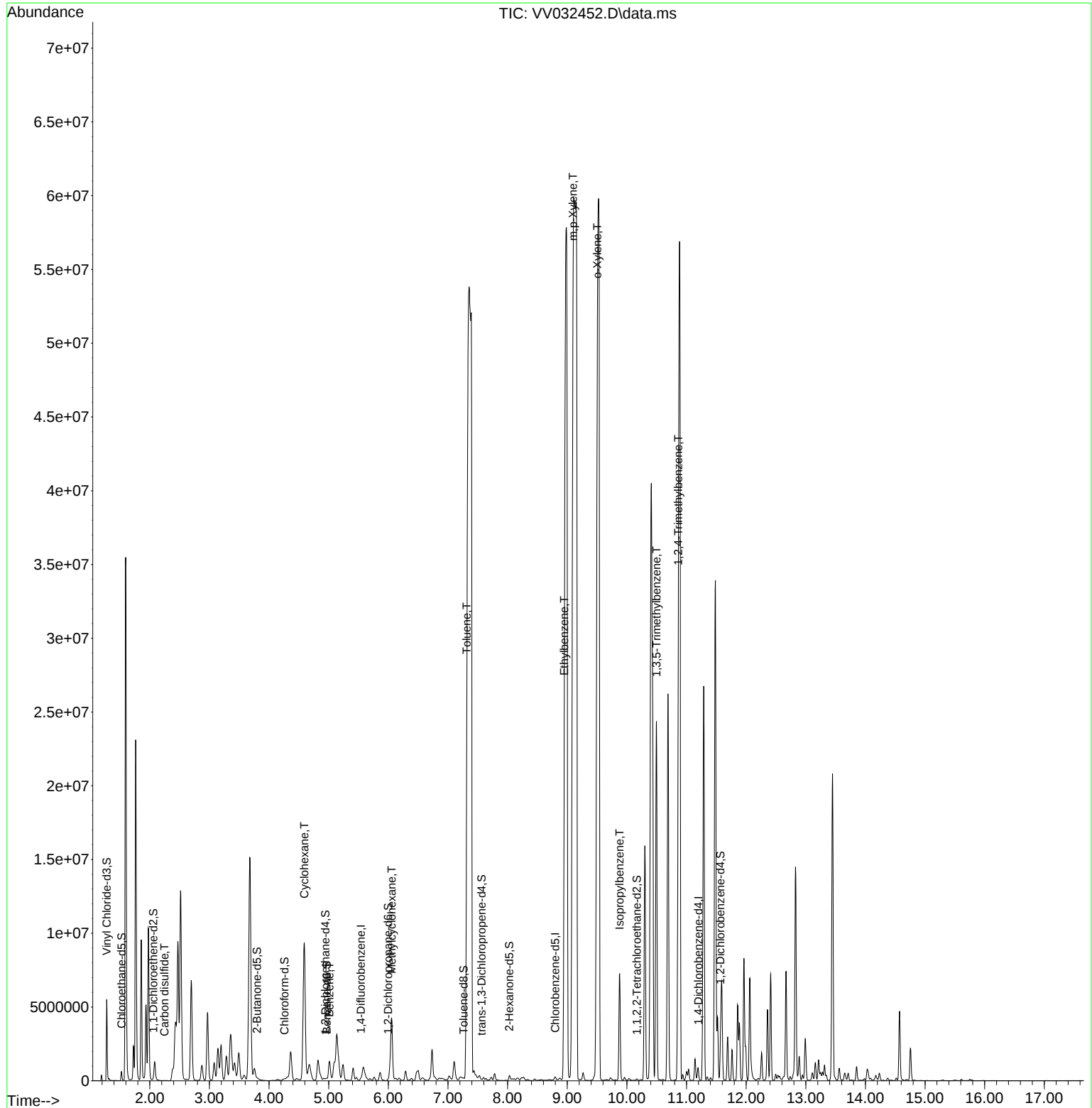
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Data File : VV032452.D
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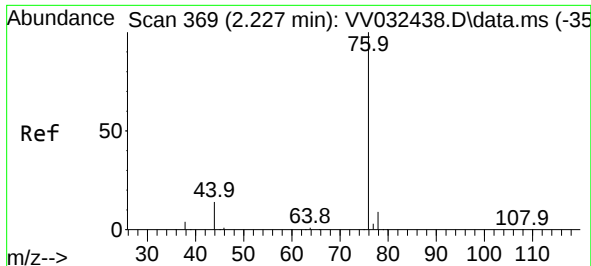
Instrument :
MSVOA_V
ClientSampleId :
C0AF4

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Quant Title : TRACE VOA SFAM1.0
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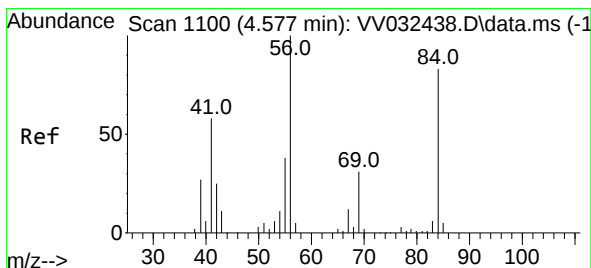
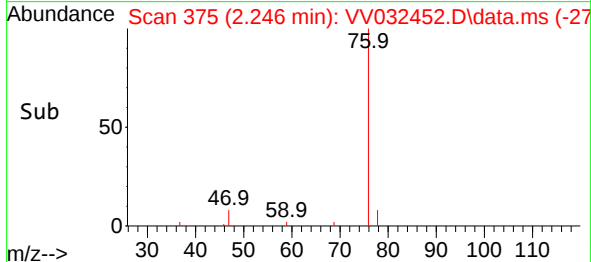
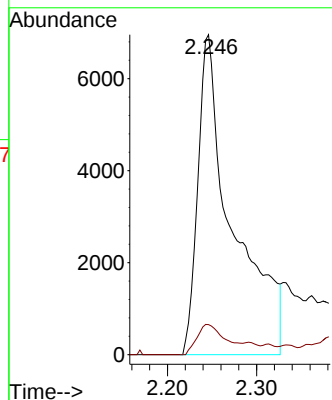
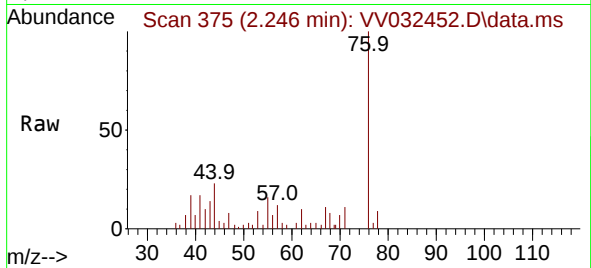
#14
Carbon disulfide
Concen: 0.563 ug/L
RT: 2.246 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV032452.D
Acq: 17 Oct 2023 17:54

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Tgt Ion: 76 Resp: 1884
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2

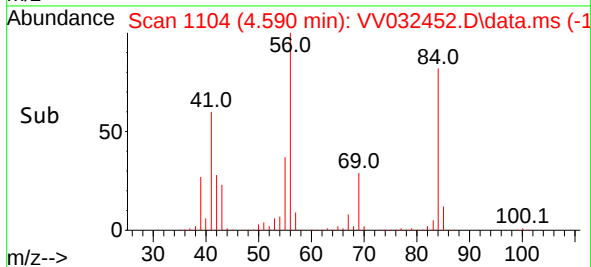
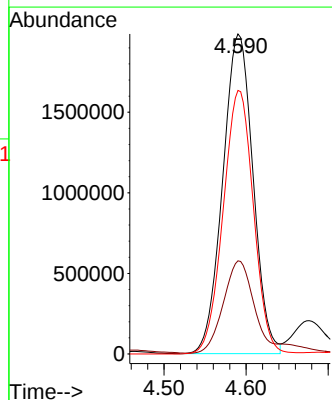
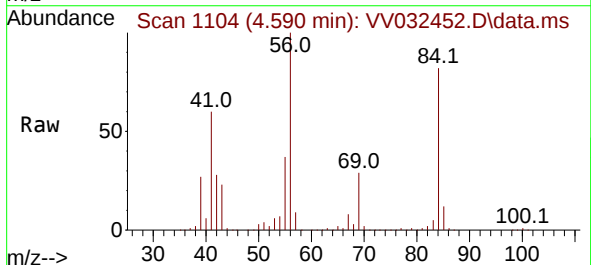
Manual Integrations
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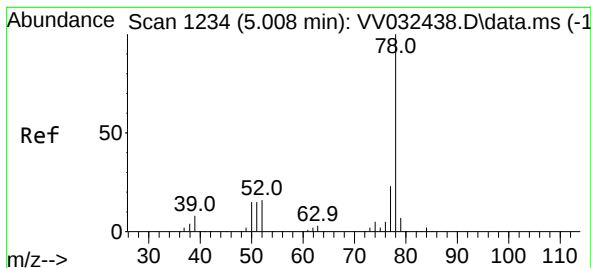
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#30
Cyclohexane
Concen: 241.869 ug/L
RT: 4.590 min Scan# 1104
Delta R.T. 0.013 min
Lab File: VV032452.D
Acq: 17 Oct 2023 17:54

Tgt Ion: 56 Resp: 5100804
Ion Ratio Lower Upper
56 100
69 32.6 24.2 36.2
84 82.3 68.1 102.1





#33

Benzene

Concen: 26.557 ug/L

RT: 5.011 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032452.D

Acq: 17 Oct 2023 17:54

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

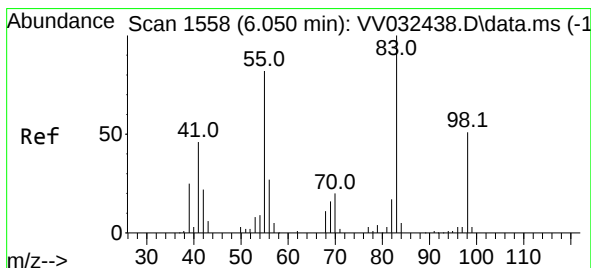
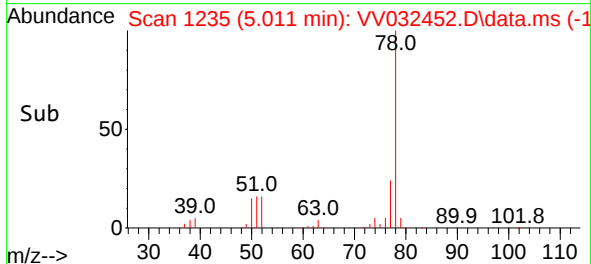
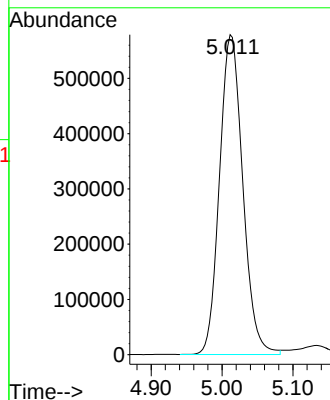
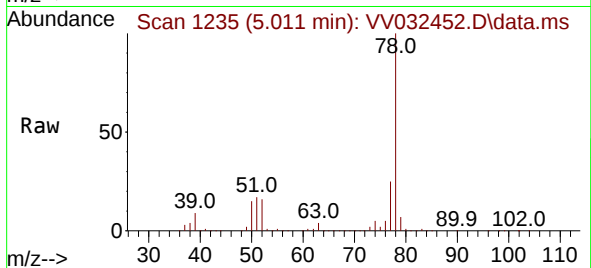
Tgt Ion: 78 Resp: 131977

Manual Integrations

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#35

Methylcyclohexane

Concen: 86.810 ug/L

RT: 6.056 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VV032452.D

Acq: 17 Oct 2023 17:54

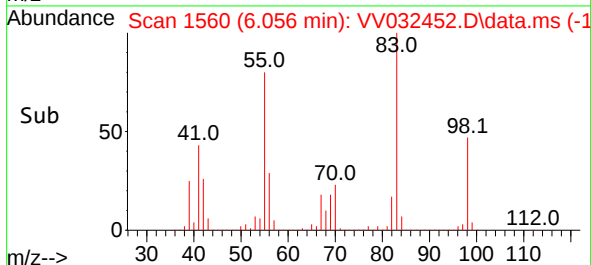
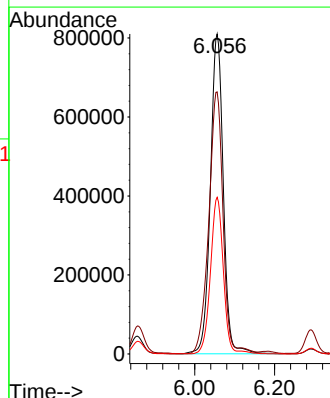
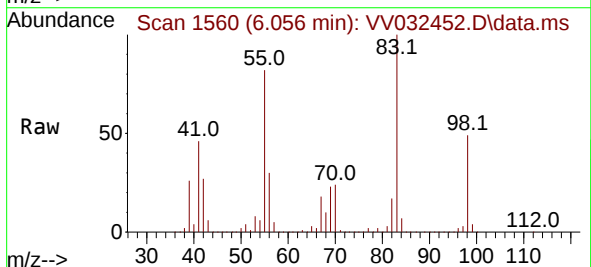
Tgt Ion: 83 Resp: 1822532

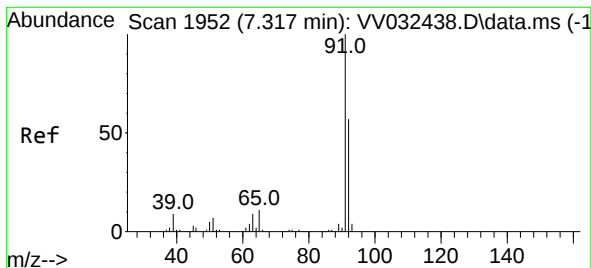
Ion Ratio Lower Upper

83 100

55 88.9 64.2 96.2

98 48.9 39.6 59.4





#42

Toluene

Concen: 970.048 ug/L m

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032452.D

Acq: 17 Oct 2023 17:54

Instrument :

MSVOA_V

ClientSampleId :

C0AF4

Tgt Ion: 91 Resp:5139050

Ion Ratio Lower Upper

91 100

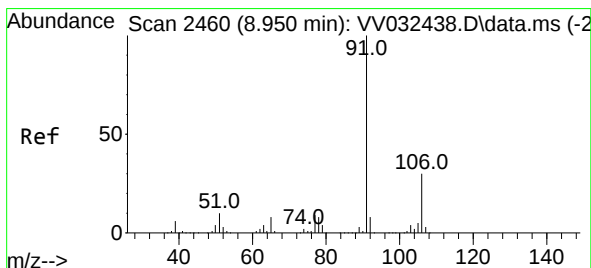
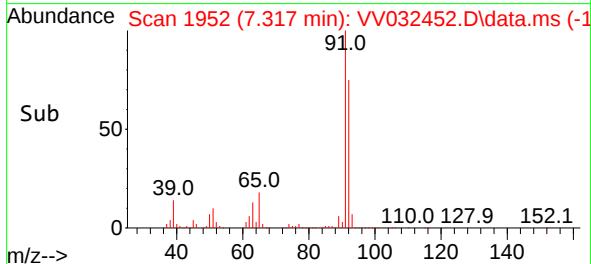
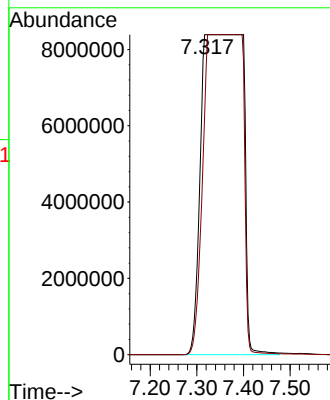
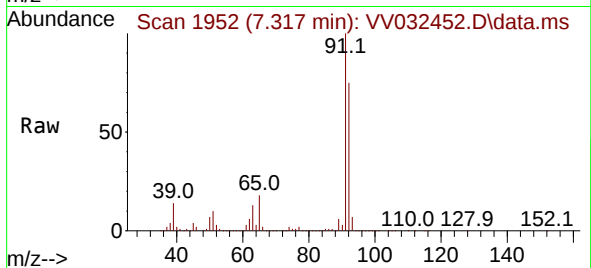
92 75.2 40.8 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/18/2023

Supervised By :Semsettin Yesilyurt 10/20/2023



#52

Ethylbenzene

Concen: 592.174 ug/L m

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032452.D

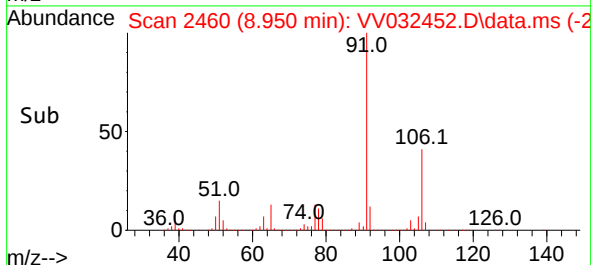
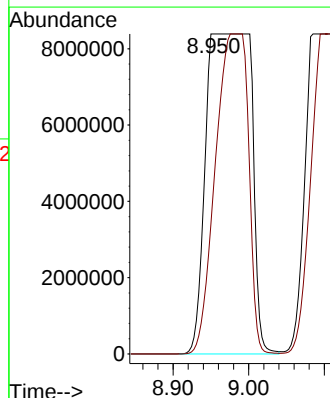
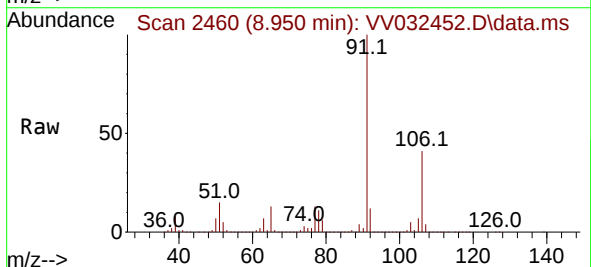
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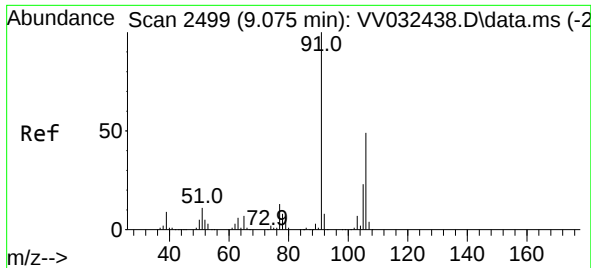
Tgt Ion: 91 Resp:34933979

Ion Ratio Lower Upper

91 100

106 40.6 21.3 39.5#





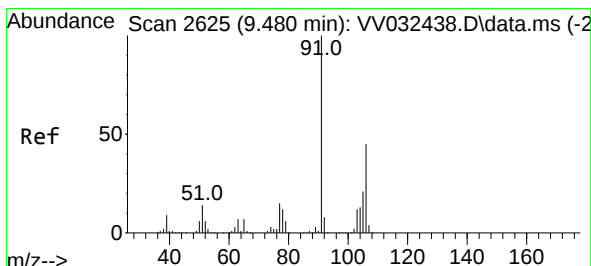
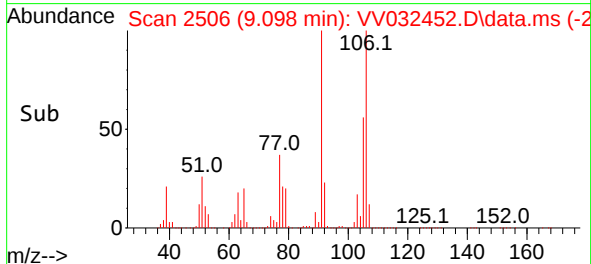
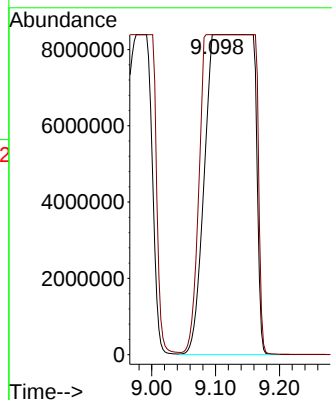
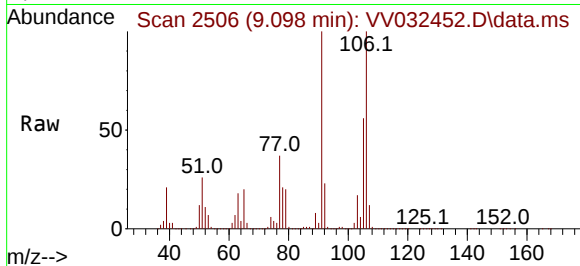
#53
m,p-Xylene
Concen: 1995.154 ug/L m
RT: 9.098 min Scan# 2106
Delta R.T. 0.023 min
Lab File: VV032452.D
Acq: 17 Oct 2023 17:54

Instrument :
MSVOA_V
ClientSampleId :
C0AF4

Tgt Ion:106 Resp:4365185
Ion Ratio Lower Upper
106 100
91 100.0 144.5 268.3

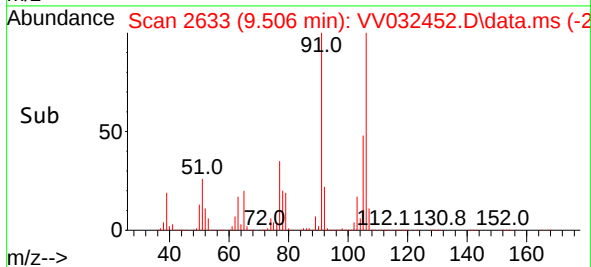
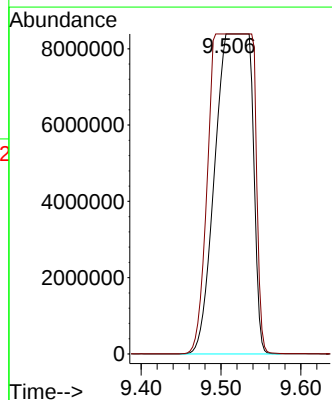
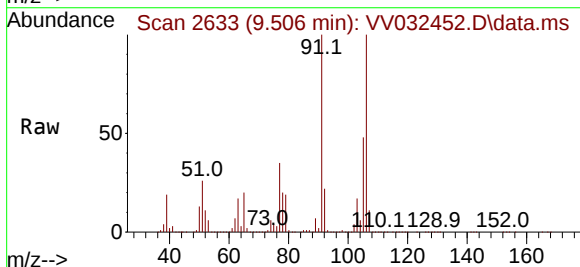
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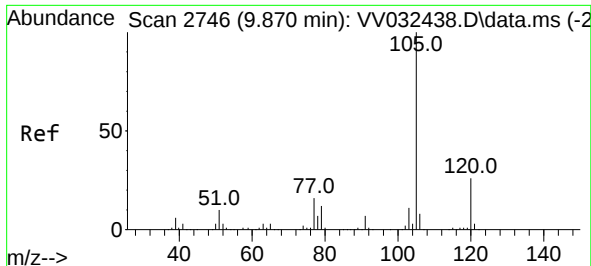
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#54
o-Xylene
Concen: 1282.494 ug/L m
RT: 9.506 min Scan# 2633
Delta R.T. 0.026 min
Lab File: VV032452.D
Acq: 17 Oct 2023 17:54

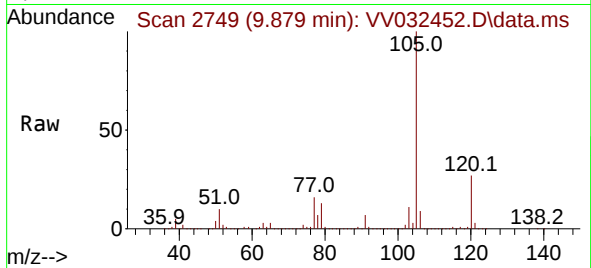
Tgt Ion:106 Resp:27037633
Ion Ratio Lower Upper
106 100
91 100.0 154.8 287.4





#60
Isopropylbenzene
Concen: 78.065 ug/L
RT: 9.879 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV032452.D
Acq: 17 Oct 2023 17:54

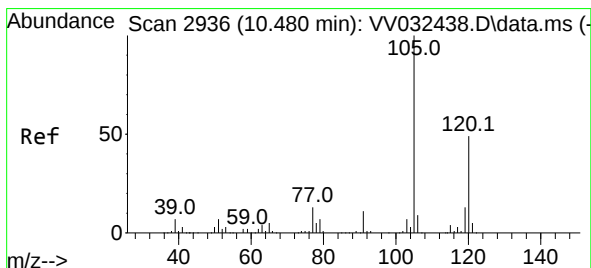
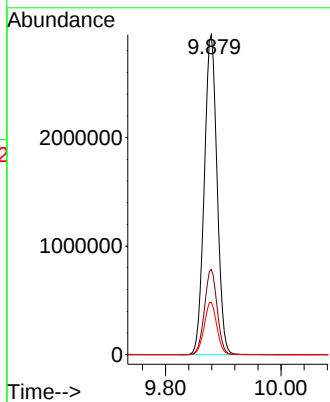
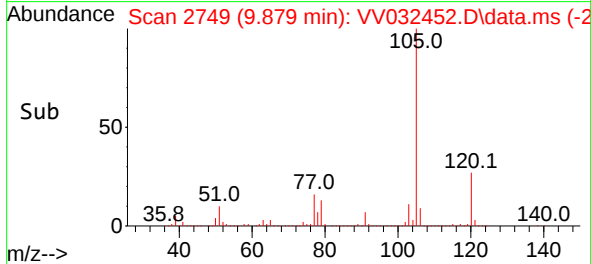
Instrument :
MSVOA_V
ClientSampleId :
C0AF4



Tgt Ion:105 Resp: 451338
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 16.3 12.6 19.0

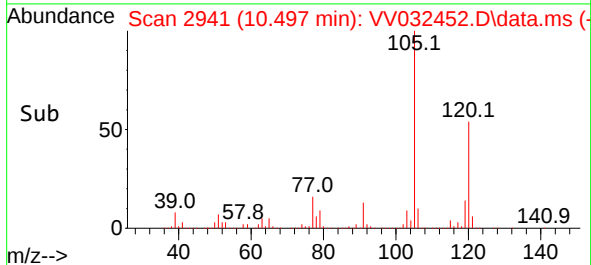
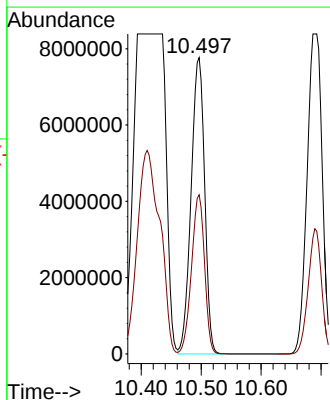
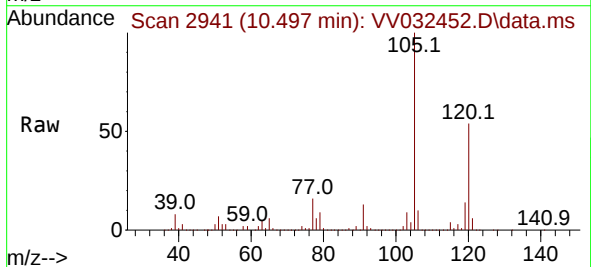
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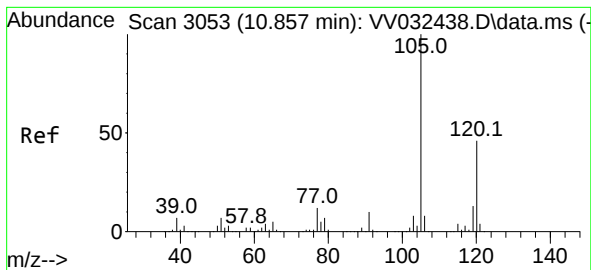
Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023



#62
1,3,5-Trimethylbenzene
Concen: 258.459 ug/L
RT: 10.497 min Scan# 2941
Delta R.T. 0.016 min
Lab File: VV032452.D
Acq: 17 Oct 2023 17:54

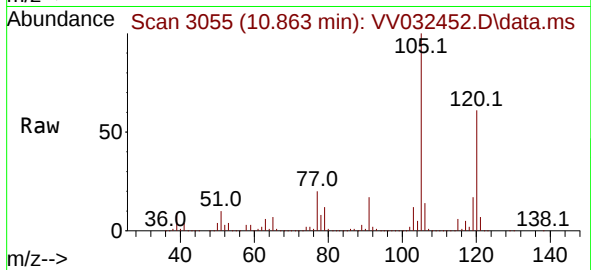
Tgt Ion:105 Resp:12178898
Ion Ratio Lower Upper
105 100
120 51.8 39.9 59.9





#63
 1,2,4-Trimethylbenzene
 Concen: 547.135 ug/L m
 RT: 10.863 min Scan# 3055
 Delta R.T. 0.006 min
 Lab File: VV032452.D
 Acq: 17 Oct 2023 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4



Tgt Ion:105 Resp:25667520
 Ion Ratio Lower Upper
 105 100
 120 24.6 36.2 54.4

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