

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033302.D
 Acq On : 14 Dec 2023 01:56
 Operator : SY/MD
 Sample : 05770-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y74

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

Quant Time: Dec 14 04:36:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 14 01:07:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	128966	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	123650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	62223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38327	4.636	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.532	69	30770	5.004	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.000%
11) 1,1-Dichloroethene-d2	2.060	65	15184	4.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	3.809	46	57324	58.591	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.180%
24) Chloroform-d	4.249	84	88534	5.134	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
26) 1,2-Dichloroethane-d4	4.944	65	42097	5.618	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	4.960	84	169114	5.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
36) 1,2-Dichloropropane-d6	5.989	67	43132	5.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	118.400%
41) Toluene-d8	7.243	98	157643	5.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.200%
43) trans-1,3-Dichloroprop...	7.558	79	15037	4.527	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.027	63	59889	64.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.180%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	27276	5.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	59473	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						Qvalue
13) Acetone	2.137	43	8450m	12.203	ug/L	
14) Carbon disulfide	2.243	76	7205	0.300	ug/L	99
22) cis-1,2-Dichloroethene	3.818	96	15837	1.715	ug/L	96
25) Chloroform	4.281	83	30975	1.873	ug/L	97
30) Cyclohexane	4.580	56	8570	0.783	ug/L	95
33) Benzene	5.015	78	32028	0.967	ug/L	100
34) Trichloroethene	5.844	95	4055	0.420	ug/L	89
35) Methylcyclohexane	6.050	83	13784	0.963	ug/L	97
42) Toluene	7.317	91	334034	8.802	ug/L	99
47) Tetrachloroethene	7.908	164	1839	0.201	ug/L	89
51) Chlorobenzene	8.818	112	2073	0.080	ug/L	92
52) Ethylbenzene	8.950	91	41957	0.987	ug/L	96
53) m,p-Xylene	9.075	106	19977	1.142	ug/L	98
54) o-Xylene	9.484	106	9374	0.566	ug/L	80
55) Styrene	9.503	104	4985	0.183	ug/L	90
62) 1,3,5-Trimethylbenzene	10.481	105	6472	0.192	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	20390	0.611	ug/L	97

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

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

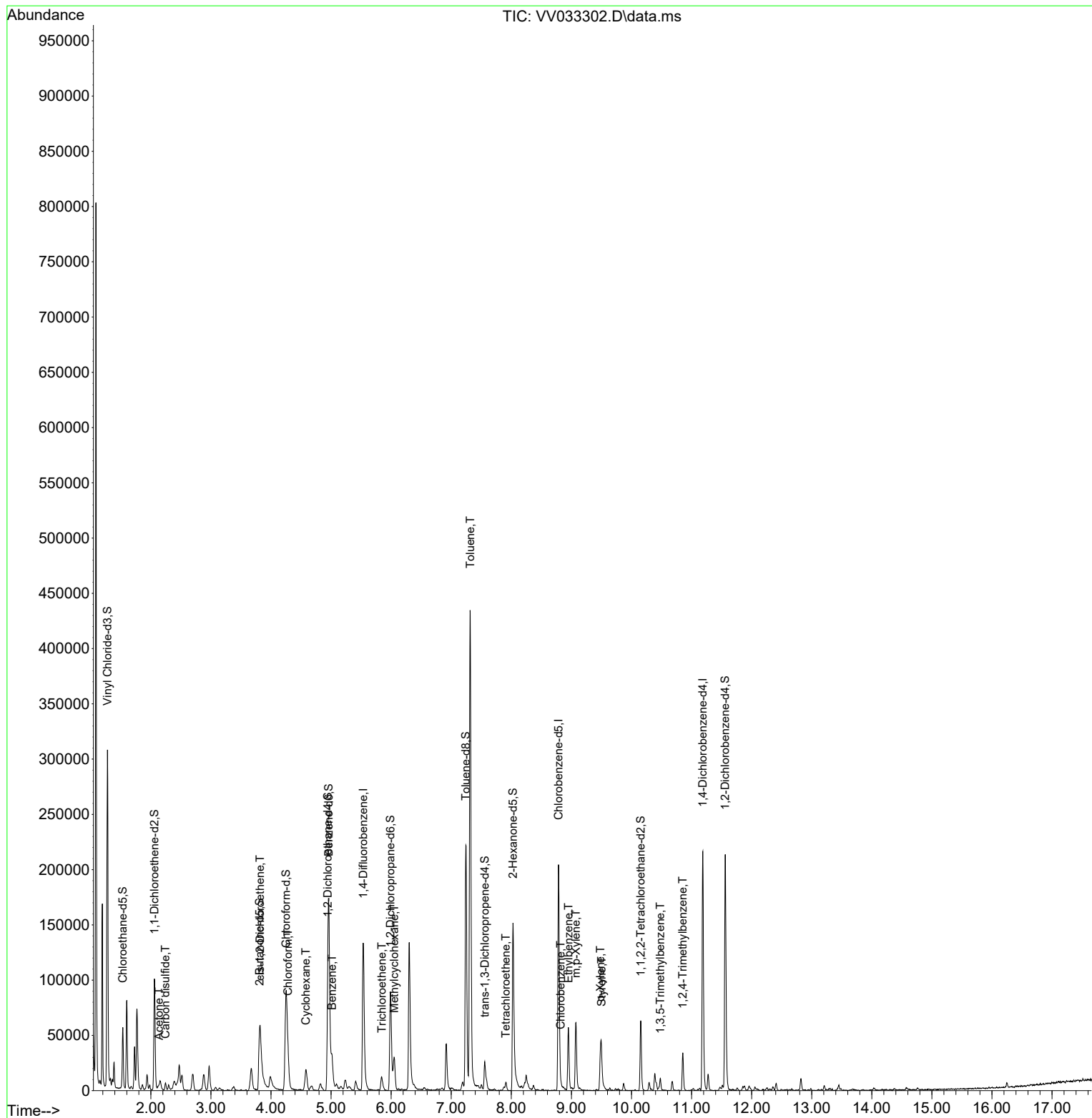
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033302.D
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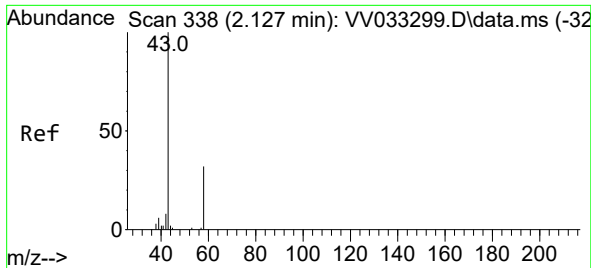
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#13

Acetone

Concen: 12.203 ug/L m

RT: 2.137 min Scan# 341

Delta R.T. 0.010 min

Lab File: VV033302.D

Acq: 14 Dec 2023 01:56

Instrument :

MSVOA_V

ClientSampleId :

E0Y74

Tgt Ion: 43 Resp: 8450

Ion Ratio Lower Upper

43 100

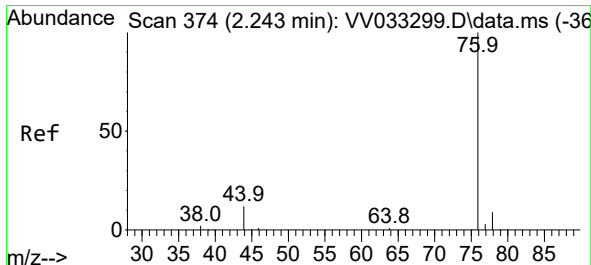
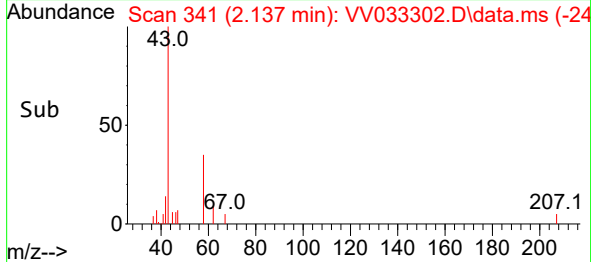
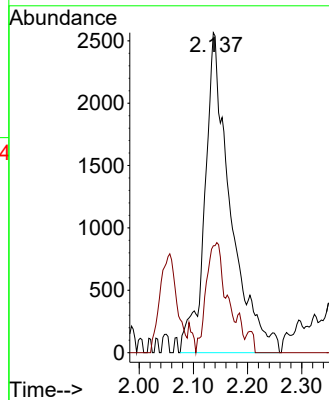
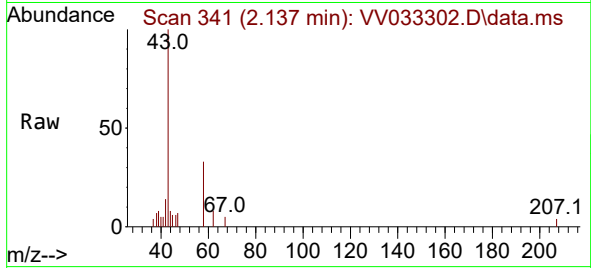
58 1.5 0.0 30.2

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#14

Carbon disulfide

Concen: 0.300 ug/L

RT: 2.243 min Scan# 374

Delta R.T. 0.000 min

Lab File: VV033302.D

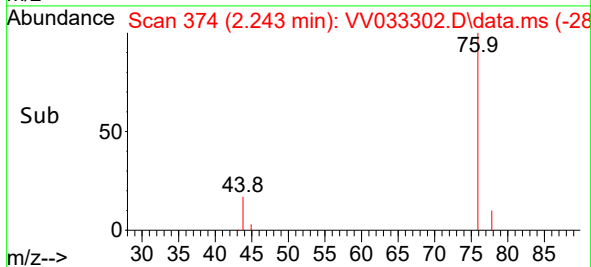
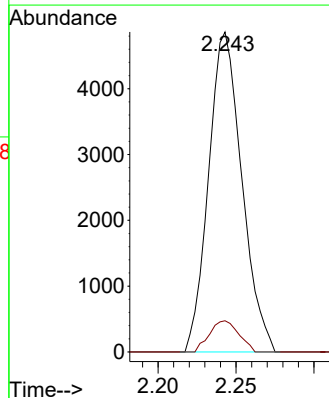
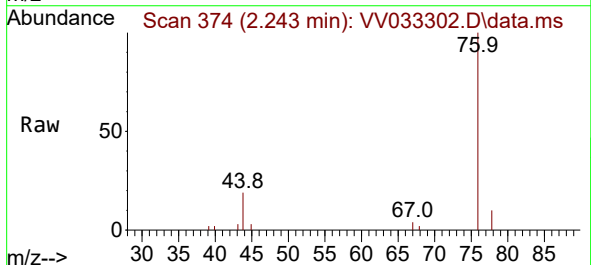
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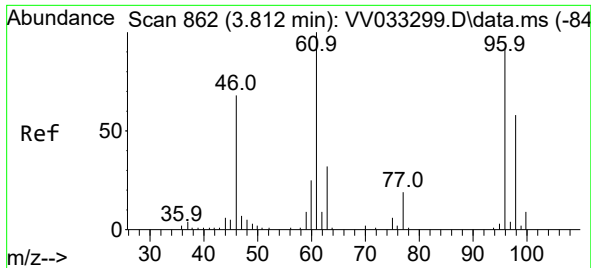
Tgt Ion: 76 Resp: 7205

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0





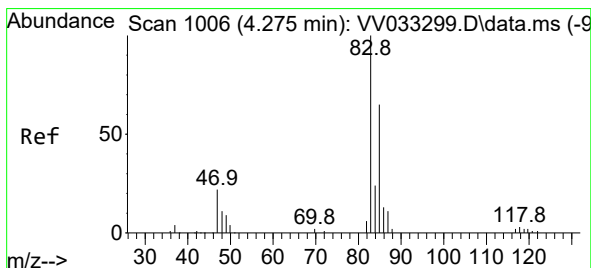
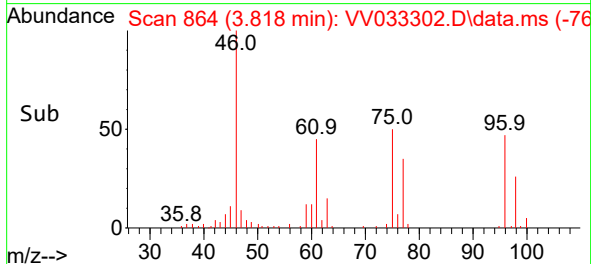
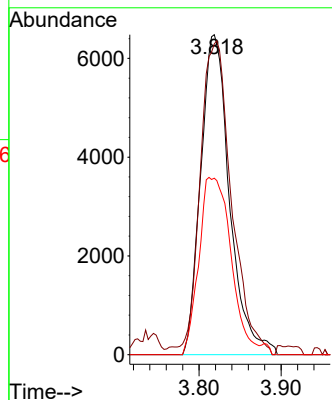
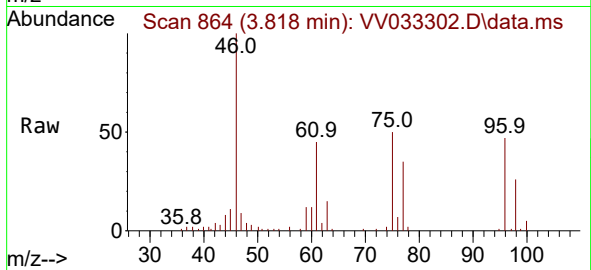
#22
cis-1,2-Dichloroethene
Concen: 1.715 ug/L
RT: 3.818 min Scan# 862
Delta R.T. 0.007 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Instrument :
MSVOA_V
ClientSampleId :
E0Y74

Tgt Ion: 96 Resp: 1583
Ion Ratio Lower Upper
96 100
61 97.1 69.9 129.9
98 55.2 42.4 78.8

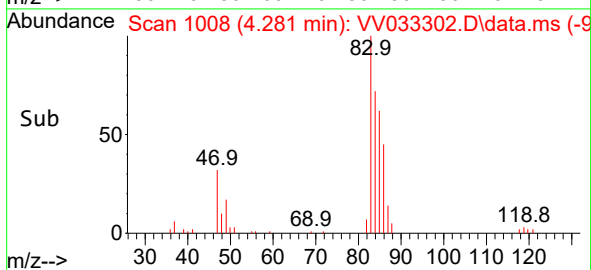
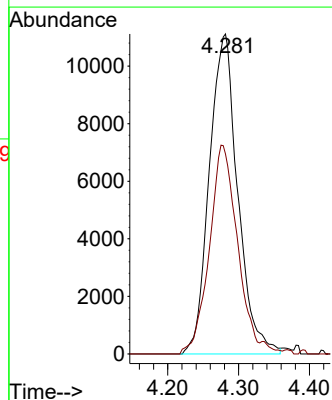
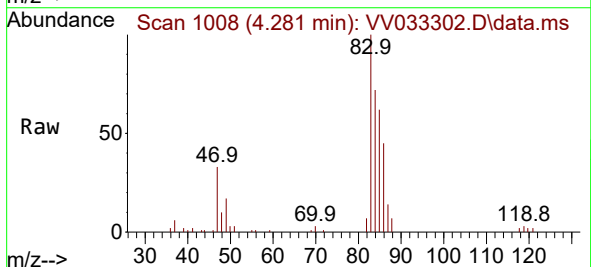
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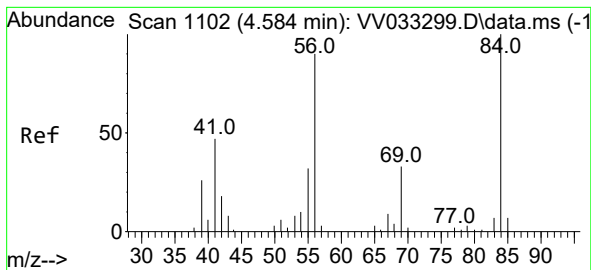
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#25
Chloroform
Concen: 1.873 ug/L
RT: 4.281 min Scan# 1008
Delta R.T. 0.007 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

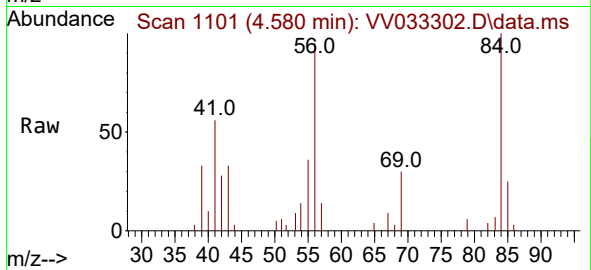
Tgt Ion: 83 Resp: 30975
Ion Ratio Lower Upper
83 100
85 62.5 45.3 84.1





#30
Cyclohexane
Concen: 0.783 ug/L
RT: 4.580 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

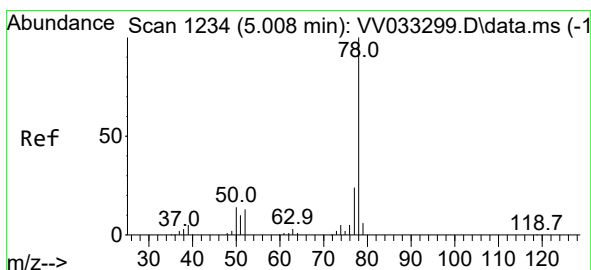
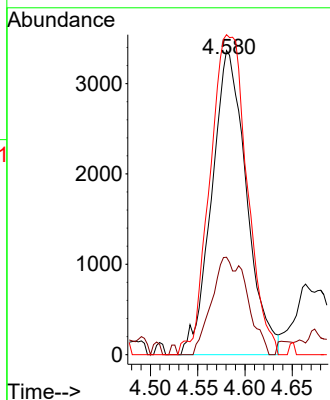
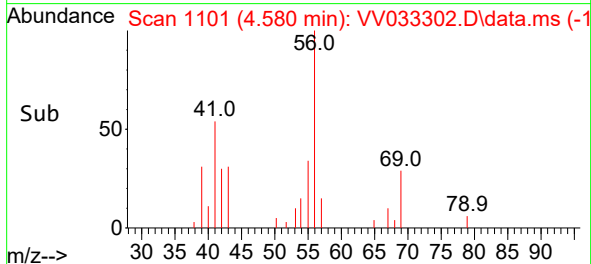
Instrument :
MSVOA_V
ClientSampleId :
E0Y74



Tgt Ion: 56 Resp: 8570
Ion Ratio Lower Upper
56 100
69 32.7 28.8 43.2
84 112.7 86.2 129.4

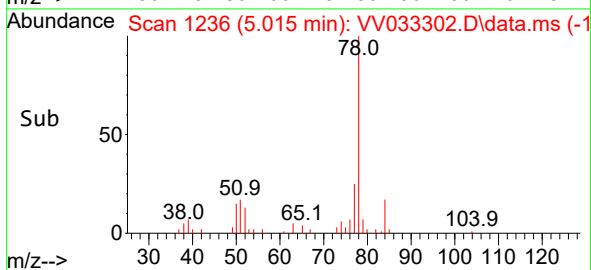
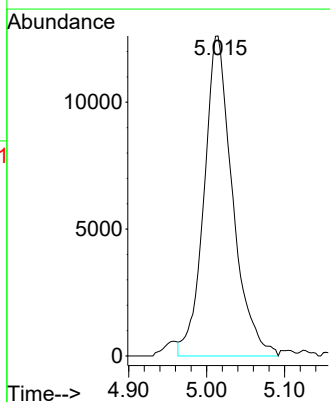
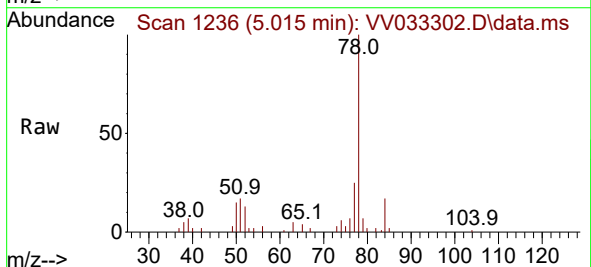
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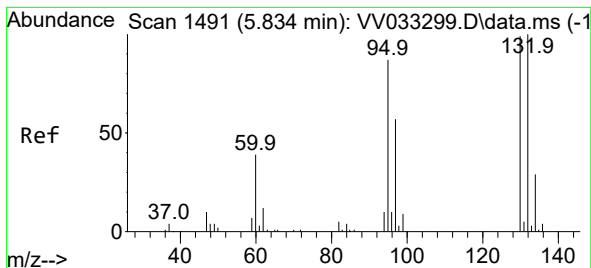
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#33
Benzene
Concen: 0.967 ug/L
RT: 5.015 min Scan# 1236
Delta R.T. 0.007 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Tgt Ion: 78 Resp: 32028





#34

Trichloroethene

Concen: 0.420 ug/L

RT: 5.844 min Scan# 1491

Delta R.T. 0.010 min

Lab File: VV033302.D

Acq: 14 Dec 2023 01:56

Instrument :

MSVOA_V

ClientSampleId :

E0Y74

Tgt Ion: 95 Resp: 405

Ion Ratio Lower Upper

95 100

97 59.0 46.5 86.5

132 117.6 75.1 139.5

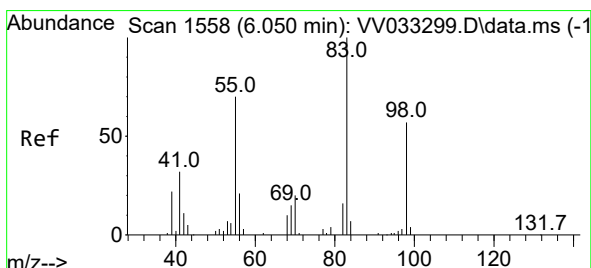
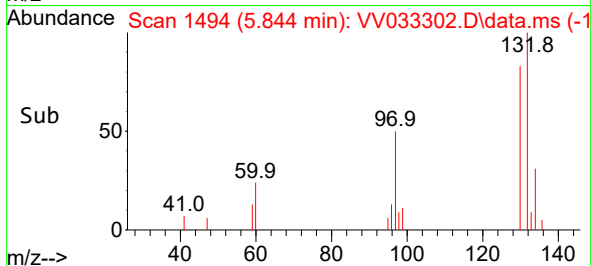
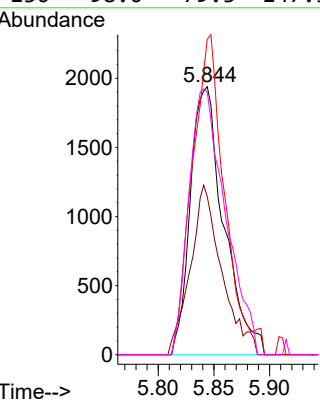
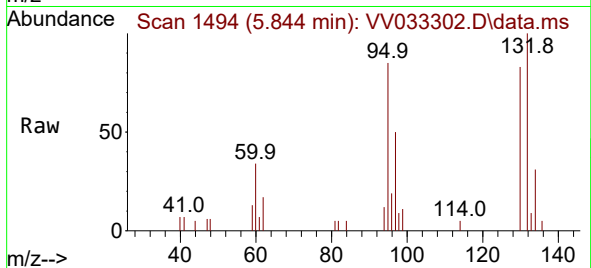
130 98.0 79.3 147.3

Manual Integrations

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#35

Methylcyclohexane

Concen: 0.963 ug/L

RT: 6.050 min Scan# 1558

Delta R.T. 0.000 min

Lab File: VV033302.D

Acq: 14 Dec 2023 01:56

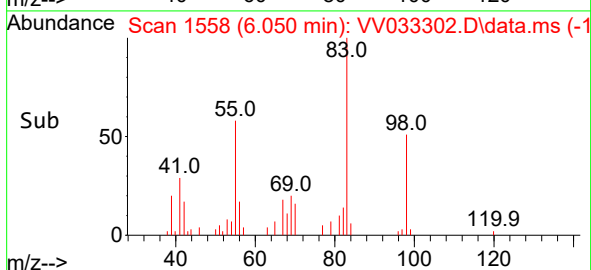
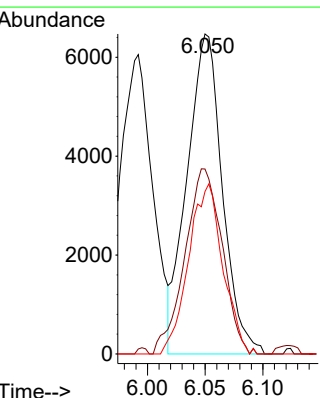
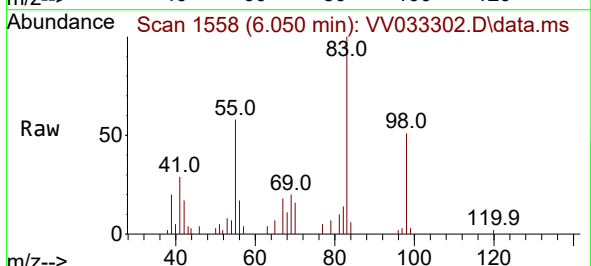
Tgt Ion: 83 Resp: 13784

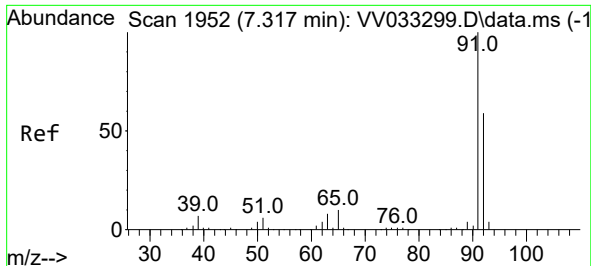
Ion Ratio Lower Upper

83 100

55 61.0 50.7 76.1

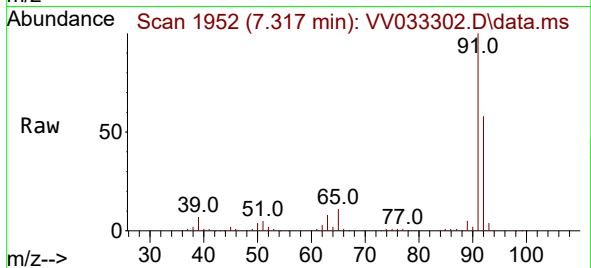
98 51.5 42.4 63.6





#42
Toluene
Concen: 8.802 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

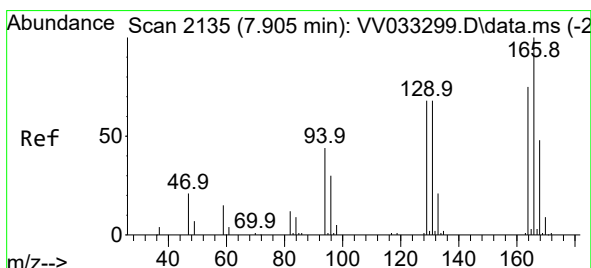
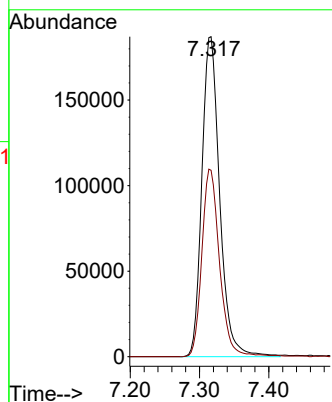
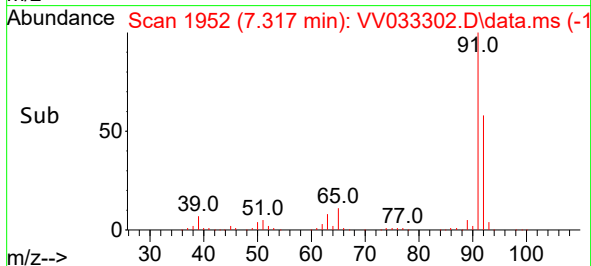
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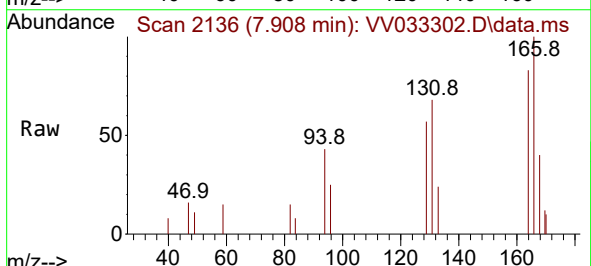
Tgt Ion: 91 Resp: 334034
Ion Ratio Lower Upper
91 100
92 58.2 40.2 74.6

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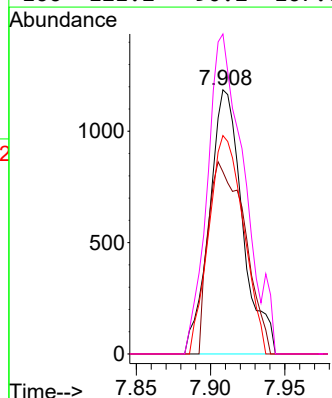
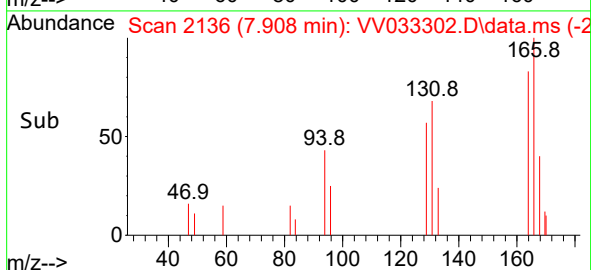
Reviewed By :Semsettin Yesilyurt 12/16/2023
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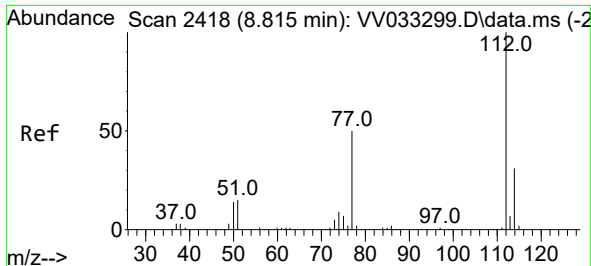


#47
Tetrachloroethene
Concen: 0.201 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.003 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56



Tgt Ion:164 Resp: 1839
Ion Ratio Lower Upper
164 100
129 69.0 62.6 116.3
131 82.7 62.6 116.3
166 121.2 90.2 167.6





#51
Chlorobenzene
Concen: 0.080 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

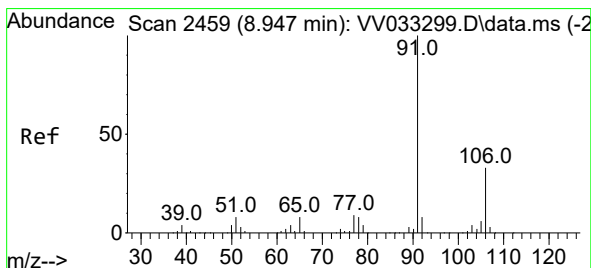
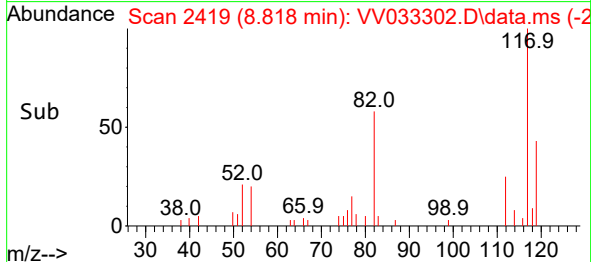
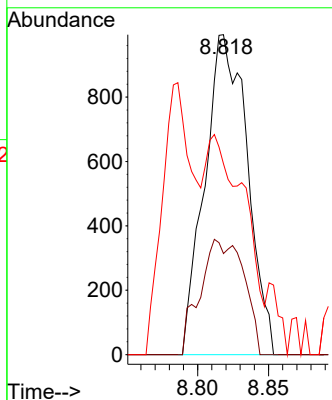
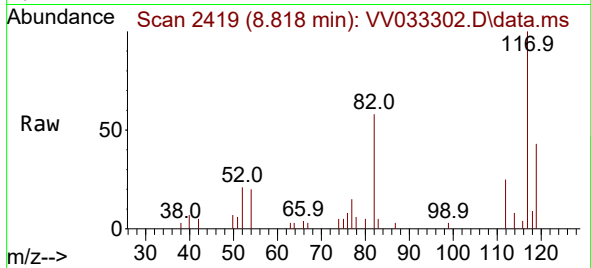
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Tgt Ion: 112 Resp: 207

Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.8	42.4
77	59.7	41.3	61.9

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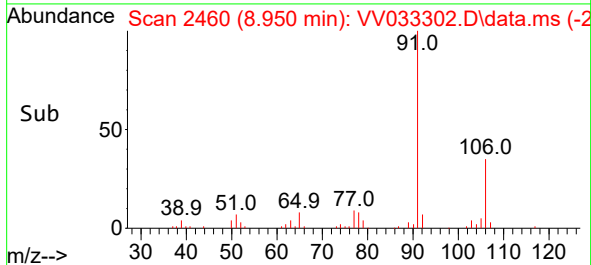
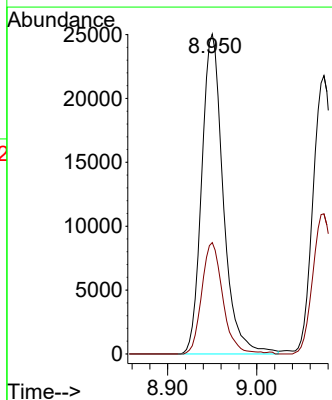
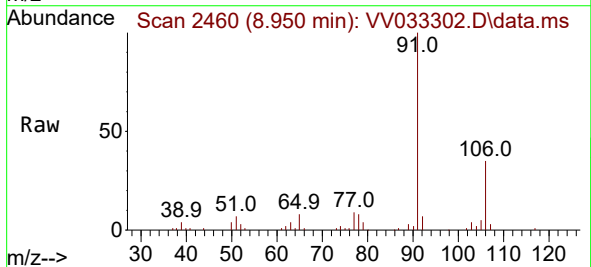
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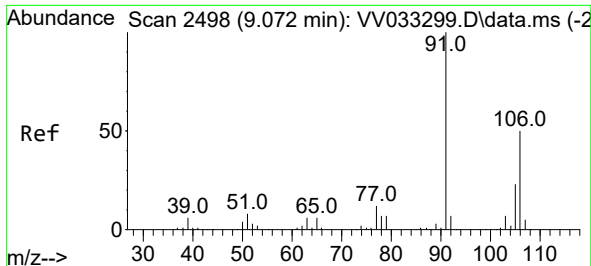


#52
Ethylbenzene
Concen: 0.987 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Tgt Ion: 91 Resp: 41957

Ion	Ratio	Lower	Upper
91	100		
106	34.8	22.7	42.3





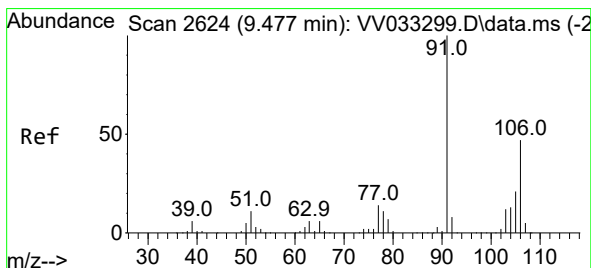
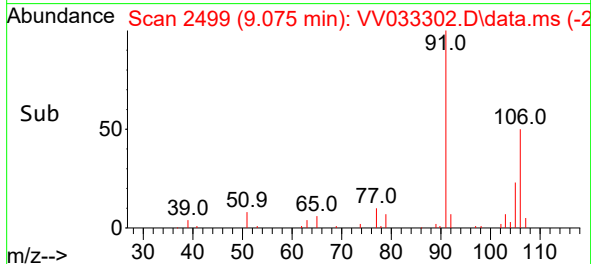
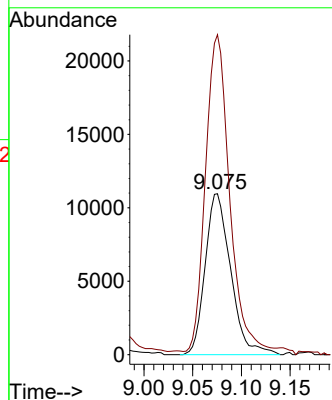
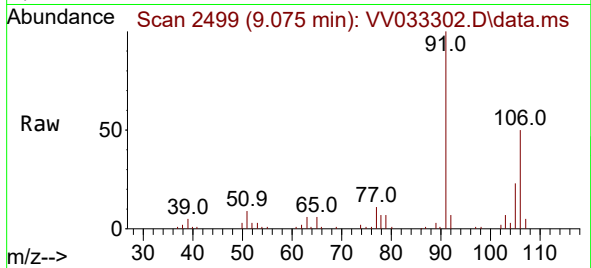
#53
m,p-Xylene
Concen: 1.142 ug/L
RT: 9.075 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Instrument :
MSVOA_V
ClientSampleId :
E0Y74

Tgt Ion:106 Resp: 1997
Ion Ratio Lower Upper
106 100
91 198.7 136.8 254.0

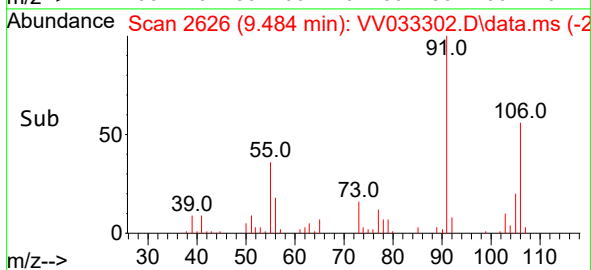
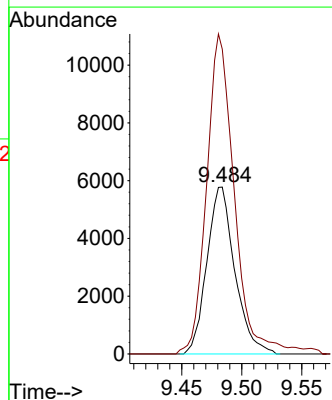
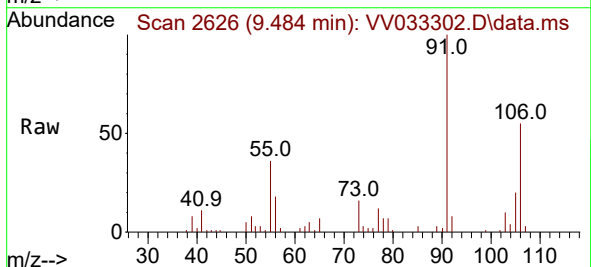
Manual Integrations
APPROVED

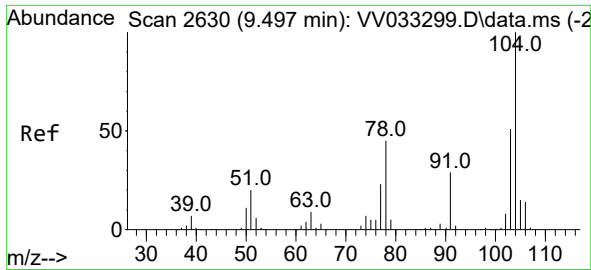
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#54
o-Xylene
Concen: 0.566 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.007 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Tgt Ion:106 Resp: 9374
Ion Ratio Lower Upper
106 100
91 182.7 149.9 278.5





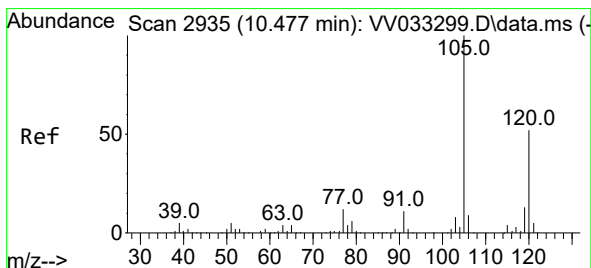
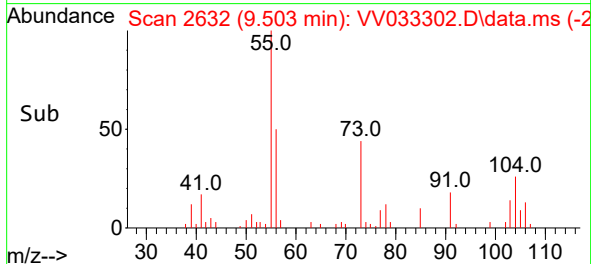
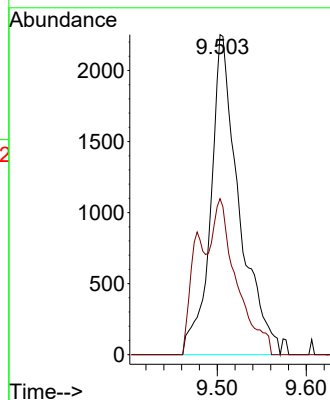
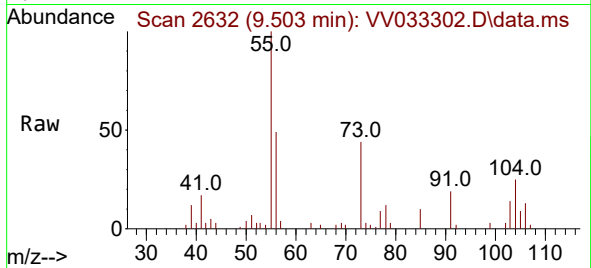
#55
Styrene
Concen: 0.183 ug/L
RT: 9.503 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Instrument :
MSVOA_V
ClientSampleId :
E0Y74

Tgt Ion:104 Resp: 498
Ion Ratio Lower Upper
104 100
78 48.8 29.9 55.5

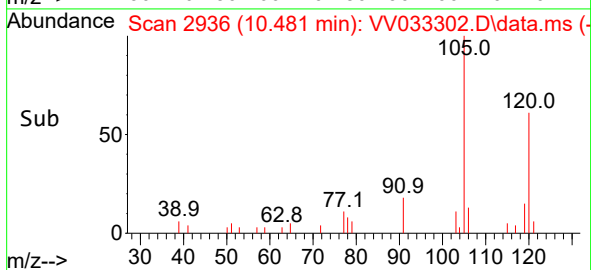
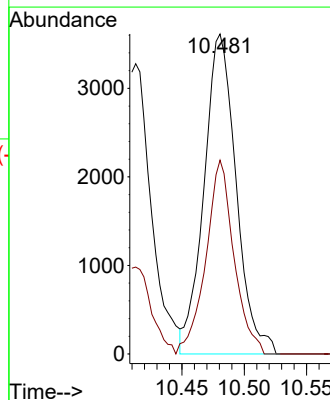
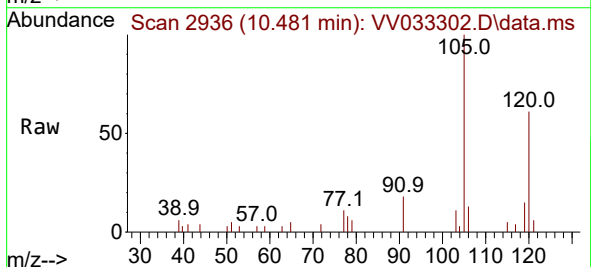
Manual Integrations
APPROVED

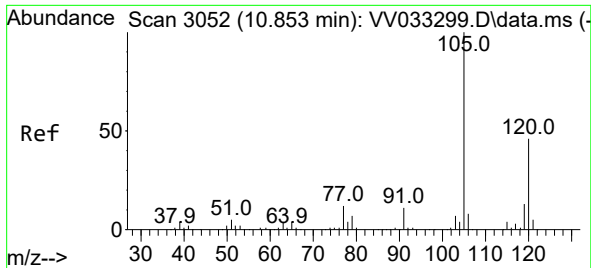
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#62
1,3,5-Trimethylbenzene
Concen: 0.192 ug/L
RT: 10.481 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV033302.D
Acq: 14 Dec 2023 01:56

Tgt Ion:105 Resp: 6472
Ion Ratio Lower Upper
105 100
120 53.0 41.7 62.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.611 ug/L
 RT: 10.854 min Scan# 3052
 Delta R.T. 0.000 min
 Lab File: VV033302.D
 Acq: 14 Dec 2023 01:56

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y74

Tgt Ion:105 Resp: 20390
 Ion Ratio Lower Upper
 105 100
 120 45.9 38.1 57.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023

