

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033310.D
 Acq On : 14 Dec 2023 05:07
 Operator : SY/MD
 Sample : 05770-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y82

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 05:46:38 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	128138	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	128755	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	65917	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	39291	4.783	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.600%	
7) Chloroethane-d5	1.532	69	30057	4.920	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.400%	
11) 1,1-Dichloroethene-d2	2.059	65	15340	4.692	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	93.800%	
20) 2-Butanone-d5	3.850	46	52482m	53.989	ug/L	0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	=	107.980%	
24) Chloroform-d	4.249	84	88729	5.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	4.944	65	41024	5.510	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.200%	
32) Benzene-d6	4.960	84	168094	5.047	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.000%	
36) 1,2-Dichloropropane-d6	5.989	67	40960	5.403	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.000%	
41) Toluene-d8	7.243	98	156440	4.820	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
43) trans-1,3-Dichloroprop...	7.558	79	16370	4.733	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.600%	
46) 2-Hexanone-d5	8.034	63	51275	53.106	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.220%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	28369	5.533	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	110.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	64564	5.561	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.200%	
Target Compounds						Qvalue
5) Vinyl chloride	1.281	62	4614	0.499	ug/L	89
14) Carbon disulfide	2.240	76	13249	0.555	ug/L	97
22) cis-1,2-Dichloroethene	3.815	96	19024	2.073	ug/L	86
33) Benzene	5.021	78	6946	0.201	ug/L	100
34) Trichloroethene	5.841	95	4967	0.494	ug/L #	76
42) Toluene	7.320	91	56835	1.438	ug/L	99
51) Chlorobenzene	8.818	112	2920	0.108	ug/L	87
52) Ethylbenzene	8.953	91	5262	0.119	ug/L	91
53) m,p-Xylene	9.082	106	2929	0.161	ug/L	98
54) o-Xylene	9.487	106	1116	0.065	ug/L	81
63) 1,2,4-Trimethylbenzene	10.857	105	3454	0.098	ug/L	94

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

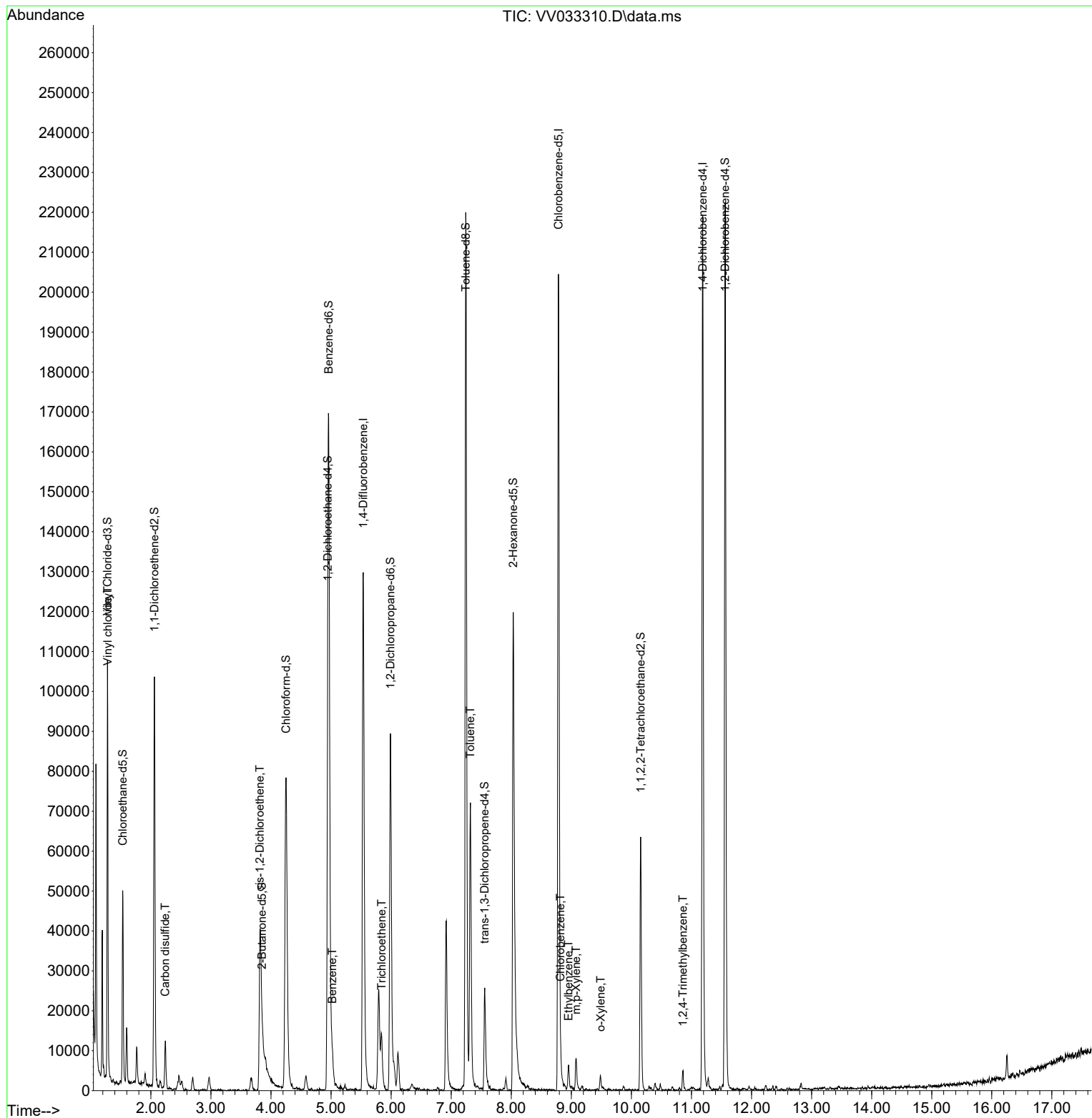
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
Data File : VV033310.D
Acq On : 14 Dec 2023 05:07
Operator : SY/MD
Sample : 05770-12
Misc : 25.0mL/MSVOA_V/WATER
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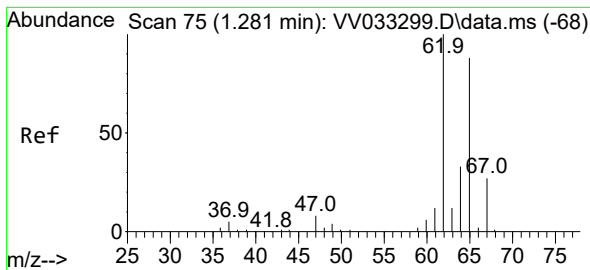
Instrument :
MSVOA_V
ClientSampleId :
E0Y82

Quant Time: Dec 14 05:46:38 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

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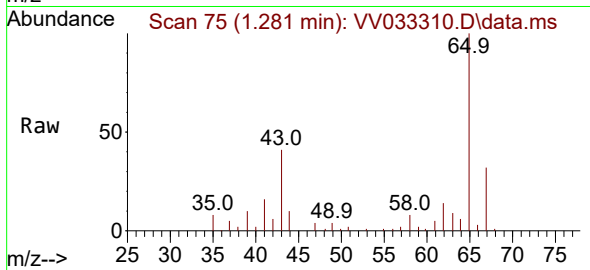
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023





#5
 Vinyl chloride
 Concen: 0.499 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV033310.D
 Acq: 14 Dec 2023 05:07

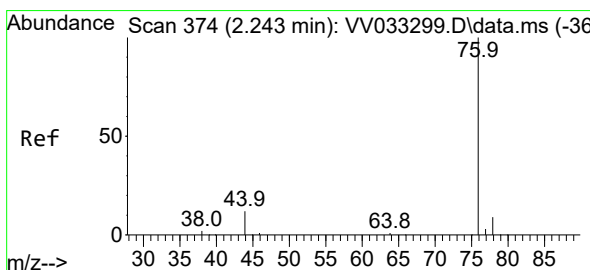
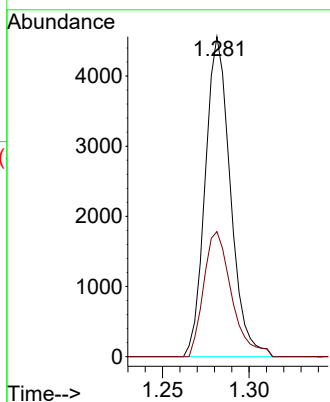
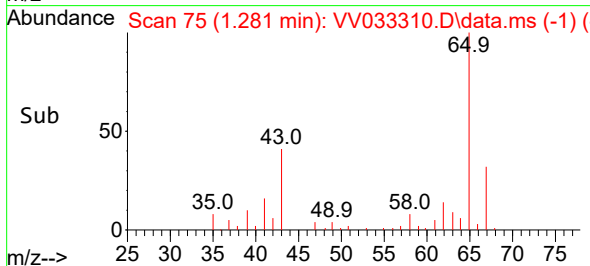
Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y82



Tgt Ion: 62 Resp: 4614
 Ion Ratio Lower Upper
 62 100
 64 39.1 23.0 42.8

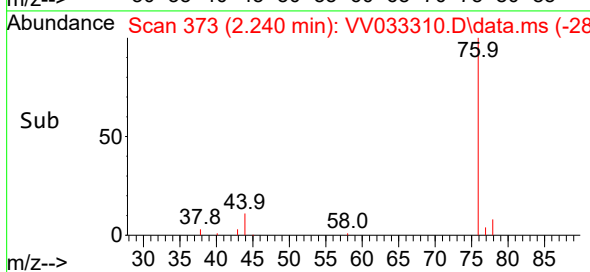
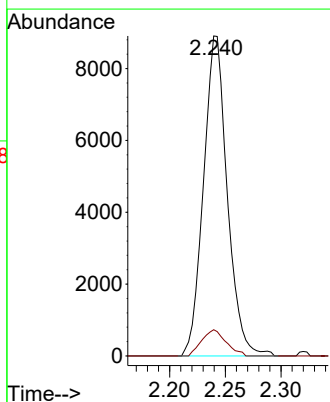
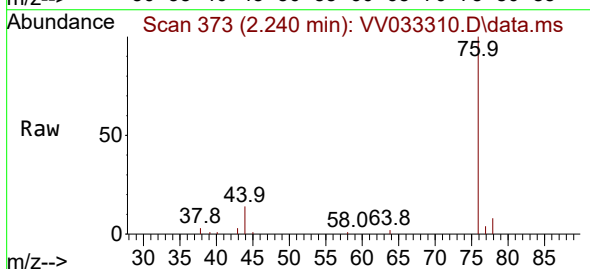
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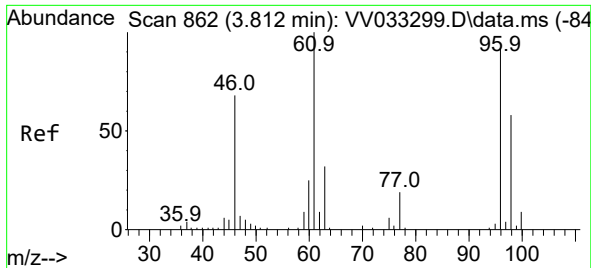
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#14
 Carbon disulfide
 Concen: 0.555 ug/L
 RT: 2.240 min Scan# 373
 Delta R.T. -0.003 min
 Lab File: VV033310.D
 Acq: 14 Dec 2023 05:07

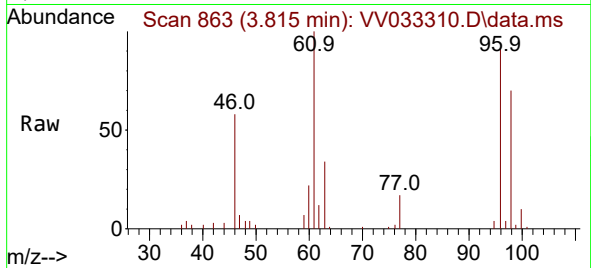
Tgt Ion: 76 Resp: 13249
 Ion Ratio Lower Upper
 76 100
 78 8.2 7.4 11.0





#22
 cis-1,2-Dichloroethene
 Concen: 2.073 ug/L
 RT: 3.815 min Scan# 862
 Delta R.T. 0.003 min
 Lab File: VV033310.D
 Acq: 14 Dec 2023 05:07

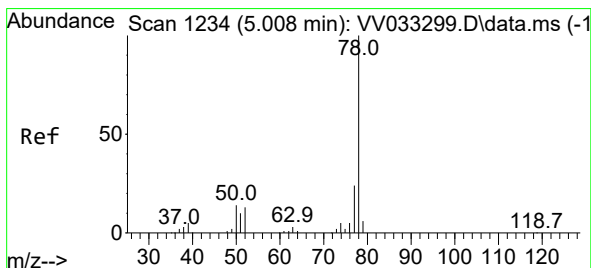
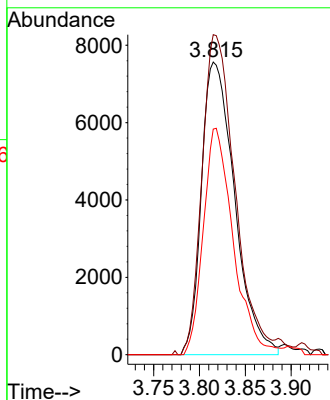
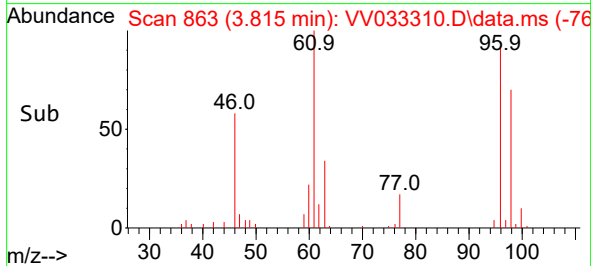
Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y82



Tgt Ion: 96 Resp: 19024
 Ion Ratio Lower Upper
 96 100
 61 109.3 69.9 129.9
 98 77.1 42.4 78.8

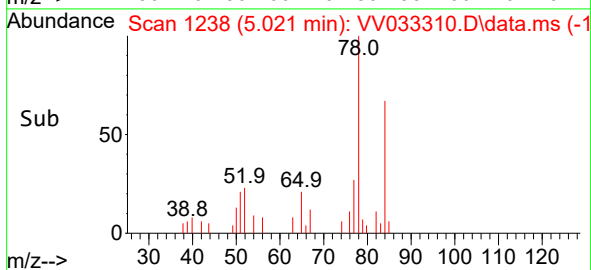
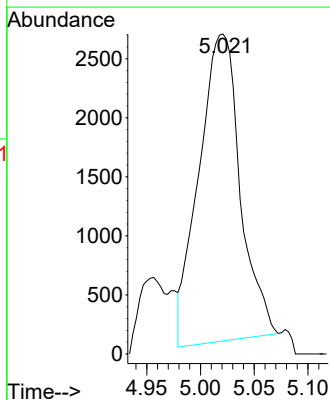
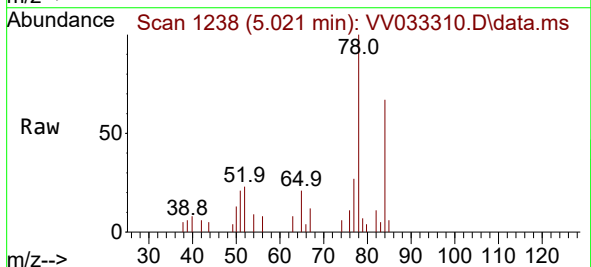
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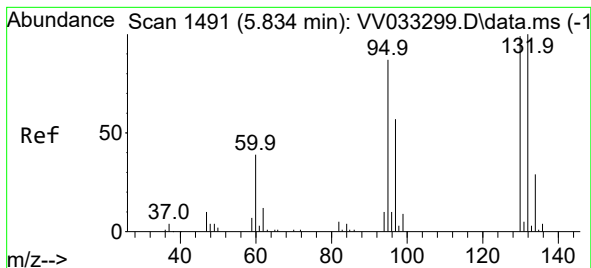
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#33
 Benzene
 Concen: 0.201 ug/L
 RT: 5.021 min Scan# 1238
 Delta R.T. 0.013 min
 Lab File: VV033310.D
 Acq: 14 Dec 2023 05:07

Tgt Ion: 78 Resp: 6946





#34

Trichloroethene

Concen: 0.494 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV033310.D

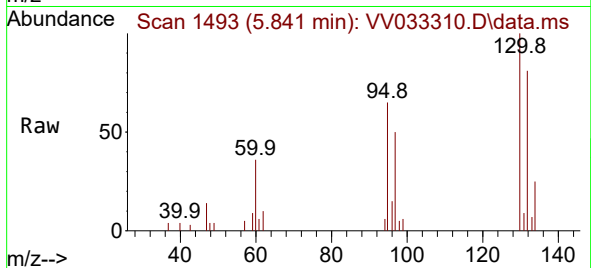
Acq: 14 Dec 2023 05:07

Instrument :

MSVOA_V

ClientSampleId :

E0Y82



Tgt Ion: 95 Resp: 496

Ion Ratio Lower Upper

95 100

97 77.1 46.5 86.5

132 123.9 75.1 139.5

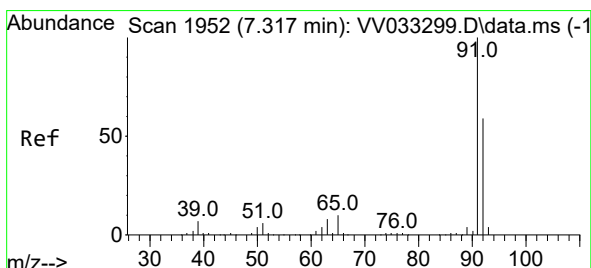
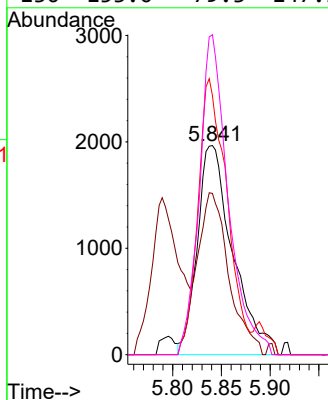
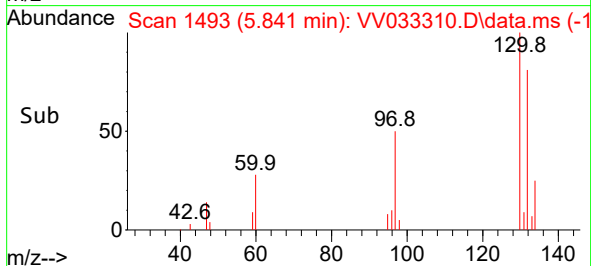
130 153.0 79.3 147.3#

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Reviewed By :Semsettin Yesilyurt 12/16/2023

Supervised By :Mahesh Dadoda 12/18/2023



#42

Toluene

Concen: 1.438 ug/L

RT: 7.320 min Scan# 1953

Delta R.T. 0.003 min

Lab File: VV033310.D

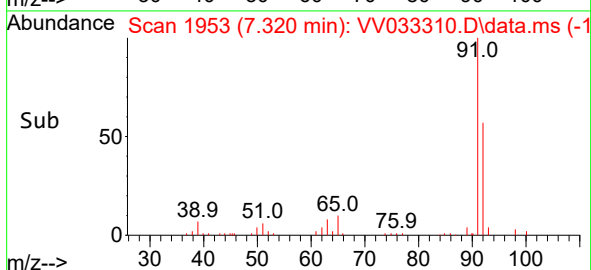
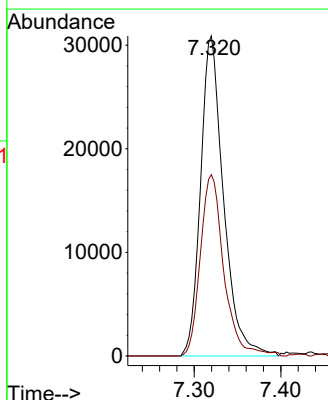
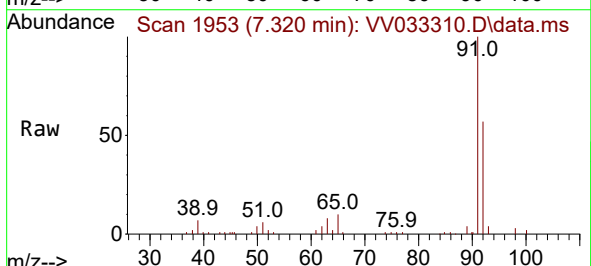
Acq: 14 Dec 2023 05:07

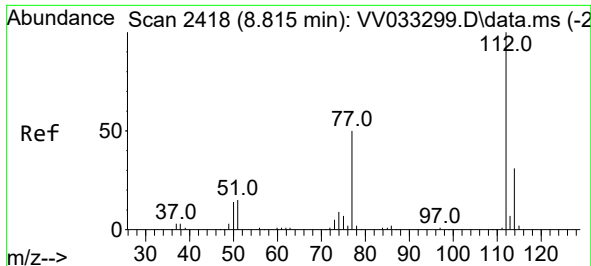
Tgt Ion: 91 Resp: 56835

Ion Ratio Lower Upper

91 100

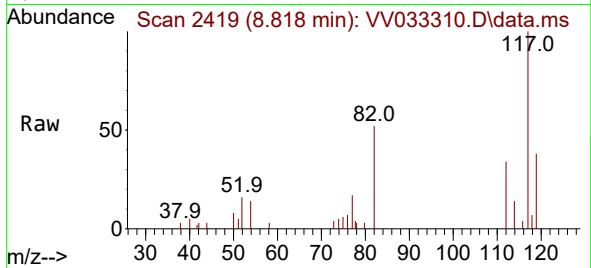
92 56.6 40.2 74.6





#51
Chlorobenzene
Concen: 0.108 ug/L
RT: 8.818 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

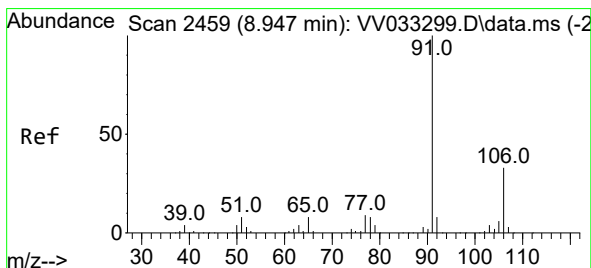
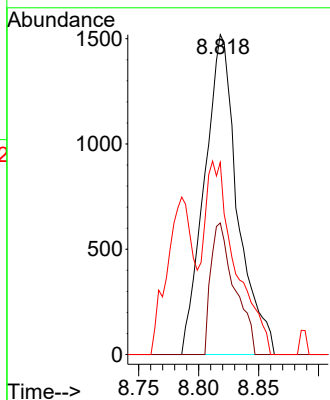
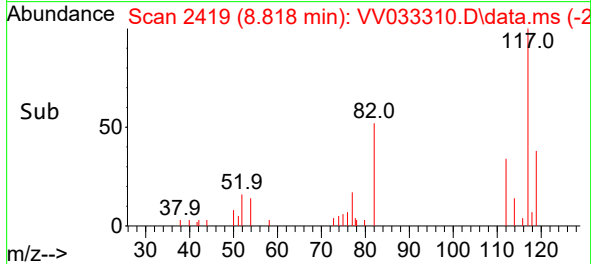
Instrument :
MSVOA_V
ClientSampleId :
E0Y82



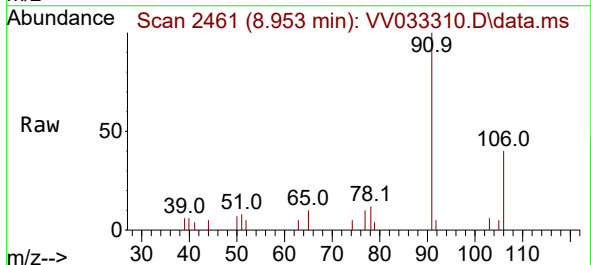
Tgt Ion: 112 Resp: 2920
Ion Ratio Lower Upper
112 100
114 41.1 22.8 42.4
77 60.1 41.3 61.9

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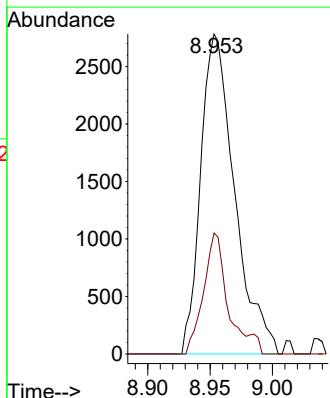
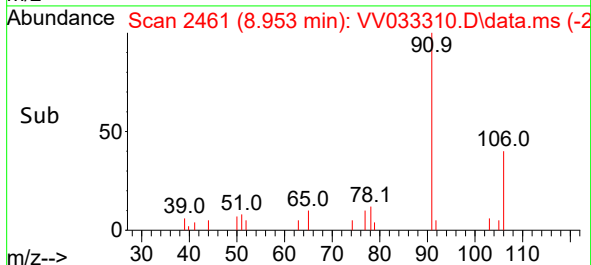
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023

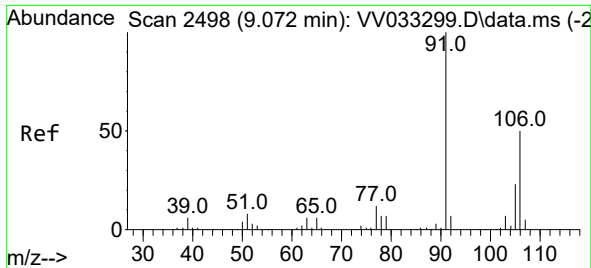


#52
Ethylbenzene
Concen: 0.119 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.006 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07



Tgt Ion: 91 Resp: 5262
Ion Ratio Lower Upper
91 100
106 37.8 22.7 42.3





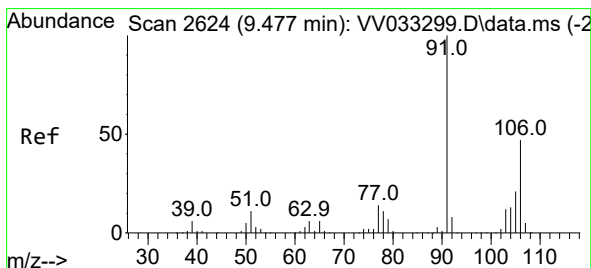
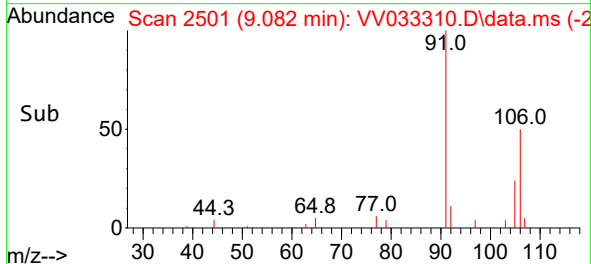
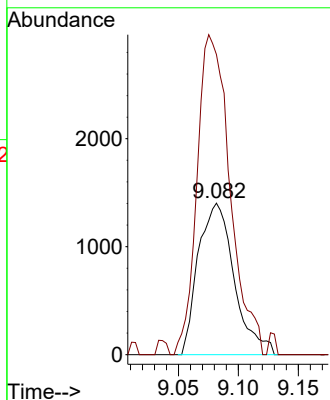
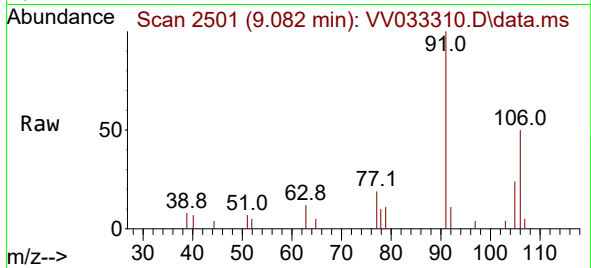
#53
m,p-Xylene
Concen: 0.161 ug/L
RT: 9.082 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

Instrument :
MSVOA_V
ClientSampleId :
E0Y82

Tgt Ion:106 Resp: 2929
Ion Ratio Lower Upper
106 100
91 198.1 136.8 254.0

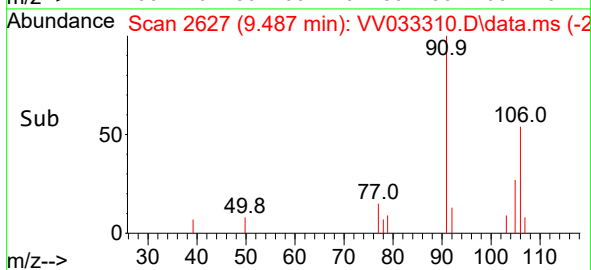
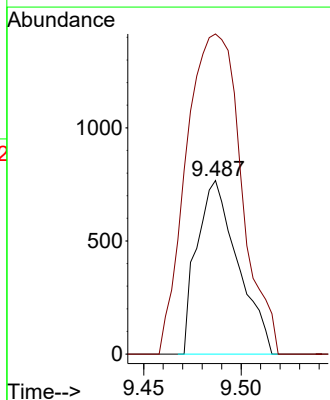
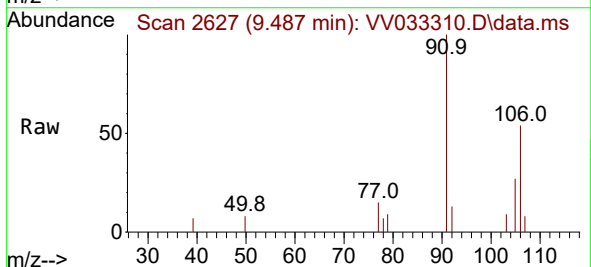
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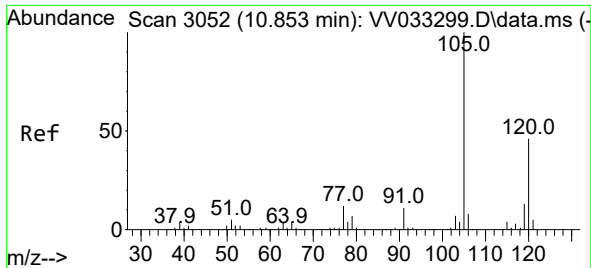
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#54
o-Xylene
Concen: 0.065 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.010 min
Lab File: VV033310.D
Acq: 14 Dec 2023 05:07

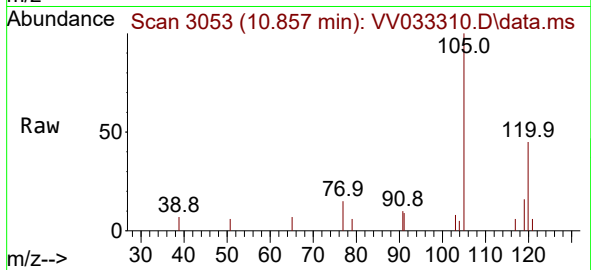
Tgt Ion:106 Resp: 1116
Ion Ratio Lower Upper
106 100
91 184.5 149.9 278.5





#63
 1,2,4-Trimethylbenzene
 Concen: 0.098 ug/L
 RT: 10.857 min Scan# 3052
 Delta R.T. 0.003 min
 Lab File: VV033310.D
 Acq: 14 Dec 2023 05:07

Instrument : MSVOA_V
 ClientSampleId : E0Y82



Tgt Ion:105 Resp: 3454
 Ion Ratio Lower Upper
 105 100
 120 52.0 38.1 57.1

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