

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033315.D
 Acq On : 14 Dec 2023 07:07
 Operator : SY/MD
 Sample : 05770-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y87

Manual Integrations
 APPROVED

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

Quant Time: Dec 14 07:52:19 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	5.552	114	129310	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.809	117	122399	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.191	152	62072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	38180	4.606	ug/L	0.03
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.571	69	29204	4.737	ug/L	0.04
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.800%	
11) 1,1-Dichloroethene-d2	2.095	65	16670	5.053	ug/L	0.04
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.000%	
20) 2-Butanone-d5	3.950	46	30255m	30.841	ug/L	0.15
Spiked Amount	50.000	Range 40 - 130	Recovery	=	61.680%	
24) Chloroform-d	4.291	84	77106	4.460	ug/L	0.04
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
26) 1,2-Dichloroethane-d4	4.970	65	43188	5.748	ug/L	0.03
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.000%	
32) Benzene-d6	4.973	84	160744	5.077	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.600%	
36) 1,2-Dichloropropane-d6	6.034	67	35808	4.968	ug/L	0.05
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.400%	
41) Toluene-d8	7.291	98	145487	4.715	ug/L	0.05
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
43) trans-1,3-Dichloroprop...	7.596	79	14854	4.518	ug/L	0.04
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.069	63	36145	39.380	ug/L	0.04
Spiked Amount	50.000	Range 45 - 130	Recovery	=	78.760%	
56) 1,1,2,2-Tetrachloroeth...	10.166	84	20495	4.205	ug/L	0.01
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.000%	
66) 1,2-Dichlorobenzene-d4	11.564	152	56145	5.135	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	102.800%	
Target Compounds						Qvalue
5) Vinyl chloride	1.314	62	5270	0.565	ug/L	86
14) Carbon disulfide	2.275	76	11806	0.490	ug/L #	92
22) cis-1,2-Dichloroethene	3.857	96	15266	1.648	ug/L	90
34) Trichloroethene	5.863	95	5738	0.600	ug/L	97
42) Toluene	7.365	91	29971	0.798	ug/L	96
51) Chlorobenzene	8.838	112	5858	0.228	ug/L	95
52) Ethylbenzene	8.969	91	1922	0.046	ug/L	97
53) m,p-Xylene	9.098	106	1540	0.089	ug/L	92
60) Isopropylbenzene	9.879	105	9059	0.220	ug/L	98
63) 1,2,4-Trimethylbenzene	10.863	105	2628	0.079	ug/L	94
65) 1,4-Dichlorobenzene	11.217	146	5741	0.276	ug/L	97
67) 1,2-Dichlorobenzene	11.583	146	9762	0.543	ug/L	91

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

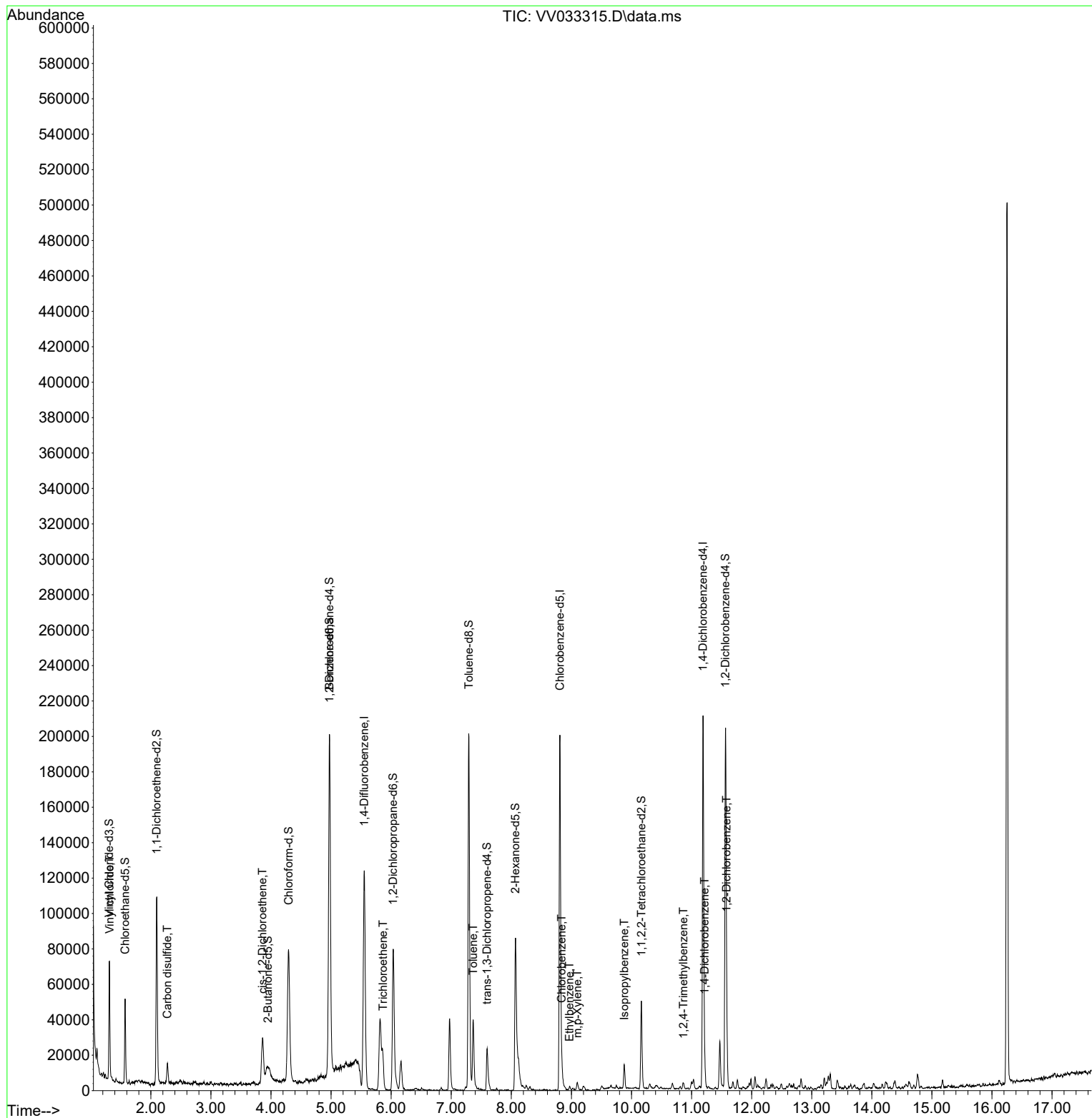
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Data File : VV033315.D
Acq On : 14 Dec 2023 07:07
Operator : SY/MD
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ALS Vial : 50 Sample Multiplier: 1

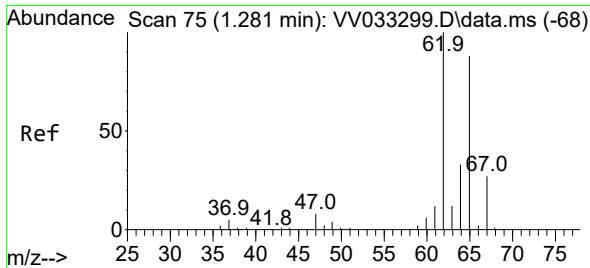
Instrument :
MSVOA_V
ClientSampleId :
E0Y87

Quant Time: Dec 14 07:52:19 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
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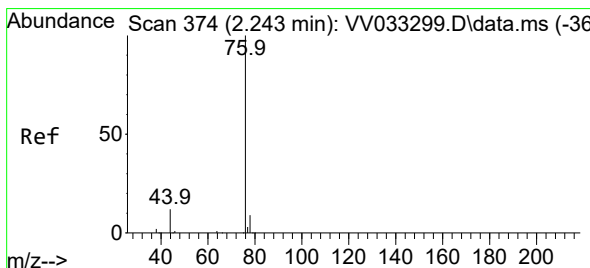
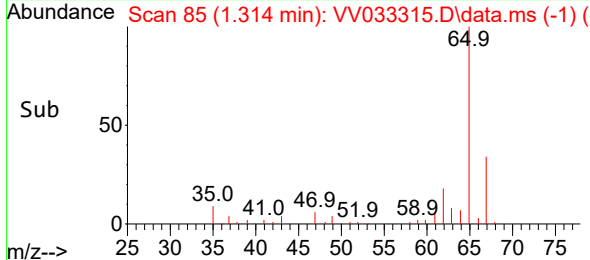
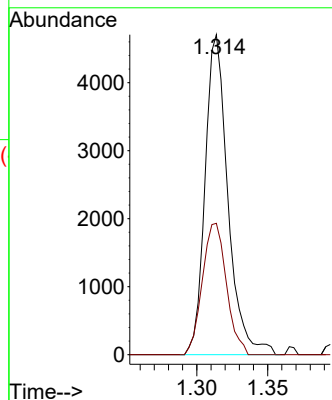
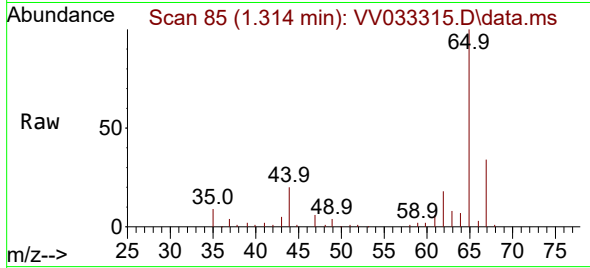
#5
 Vinyl chloride
 Concen: 0.565 ug/L
 RT: 1.314 min Scan# 81
 Delta R.T. 0.032 min
 Lab File: VV033315.D
 Acq: 14 Dec 2023 07:07

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y87

Tgt Ion: 62 Resp: 5270
 Ion Ratio Lower Upper
 62 100
 64 41.0 23.0 42.8

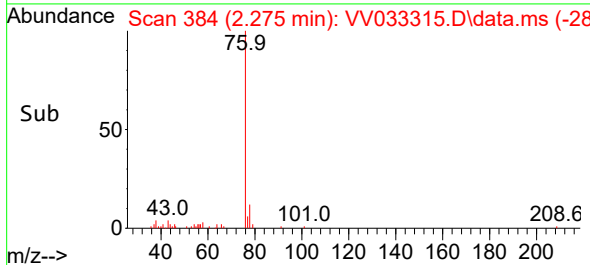
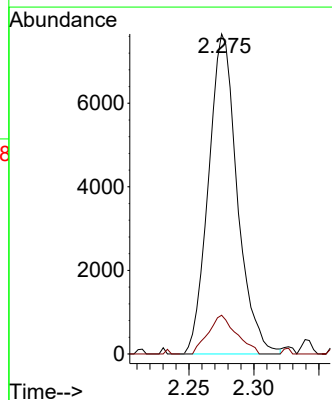
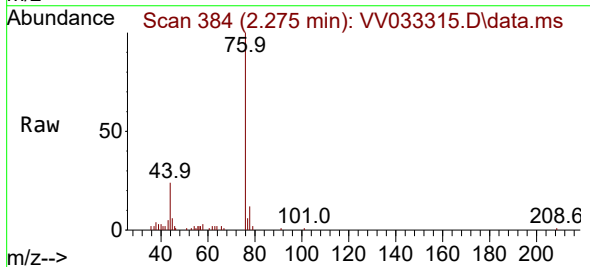
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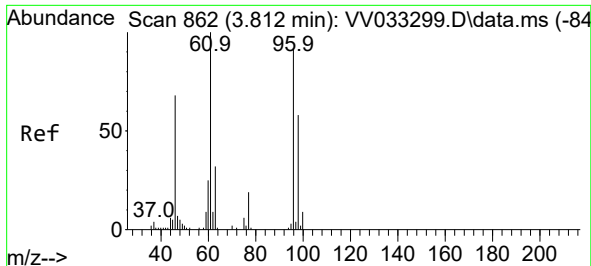
Reviewed By :Semsettin Yesilyurt 12/16/2023
 Supervised By :Mahesh Dadoda 12/18/2023



#14
 Carbon disulfide
 Concen: 0.490 ug/L
 RT: 2.275 min Scan# 384
 Delta R.T. 0.032 min
 Lab File: VV033315.D
 Acq: 14 Dec 2023 07:07

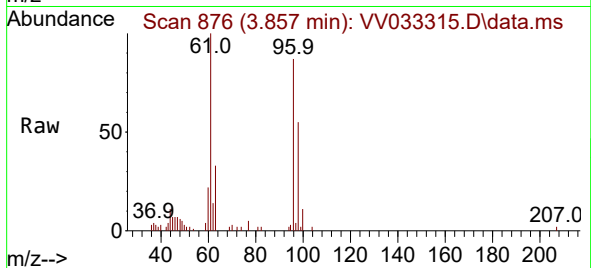
Tgt Ion: 76 Resp: 11806
 Ion Ratio Lower Upper
 76 100
 78 12.1 7.4 11.0#





#22
cis-1,2-Dichloroethene
Concen: 1.648 ug/L
RT: 3.857 min Scan# 81
Delta R.T. 0.045 min
Lab File: VV033315.D
Acq: 14 Dec 2023 07:07

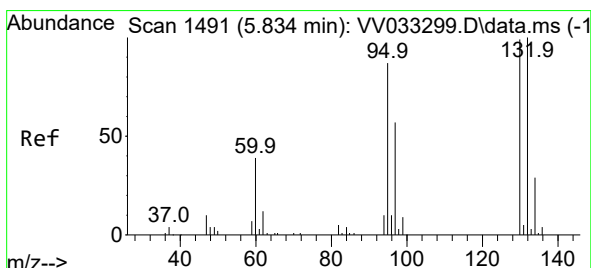
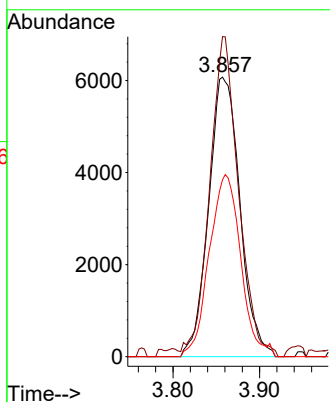
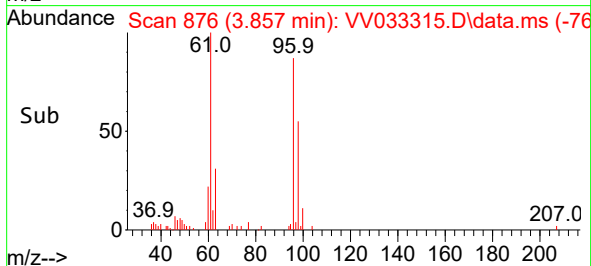
Instrument :
MSVOA_V
ClientSampleId :
E0Y87



Tgt Ion: 96 Resp: 1526
Ion Ratio Lower Upper
96 100
61 114.5 69.9 129.9
98 63.4 42.4 78.8

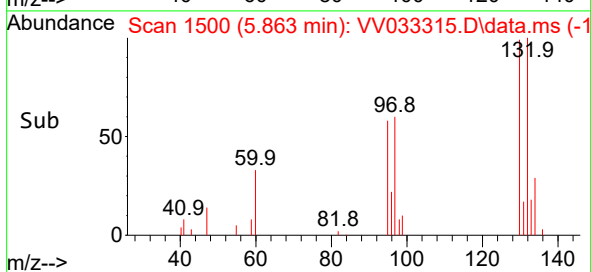
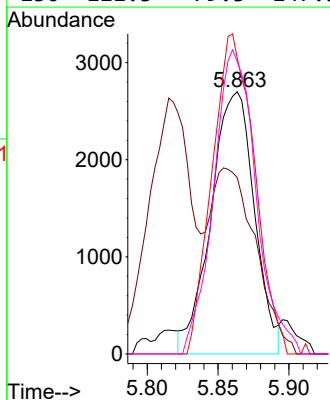
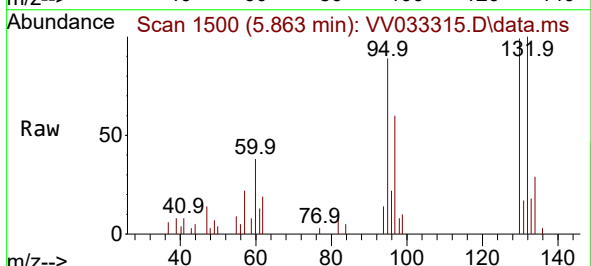
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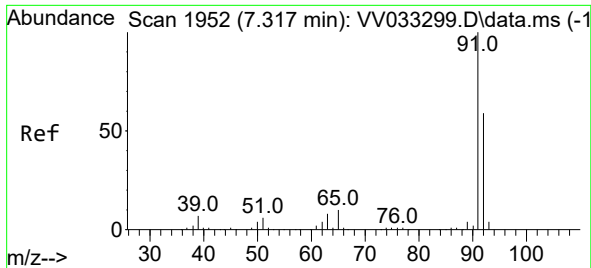
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#34
Trichloroethene
Concen: 0.600 ug/L
RT: 5.863 min Scan# 1500
Delta R.T. 0.029 min
Lab File: VV033315.D
Acq: 14 Dec 2023 07:07

Tgt Ion: 95 Resp: 5738
Ion Ratio Lower Upper
95 100
97 67.2 46.5 86.5
132 112.8 75.1 139.5
130 111.3 79.3 147.3





#42

Toluene

Concen: 0.798 ug/L

RT: 7.365 min Scan# 1952

Delta R.T. 0.048 min

Lab File: VV033315.D

Acq: 14 Dec 2023 07:07

Instrument :

MSVOA_V

ClientSampleId :

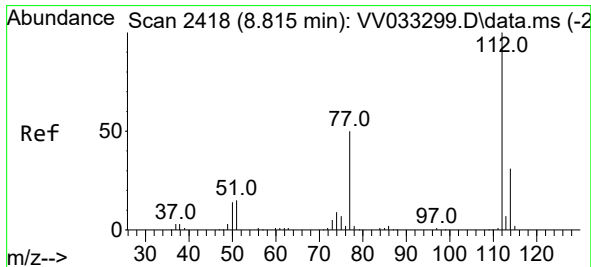
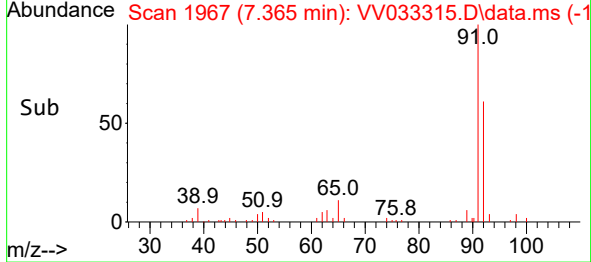
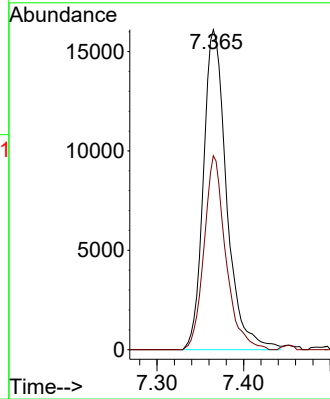
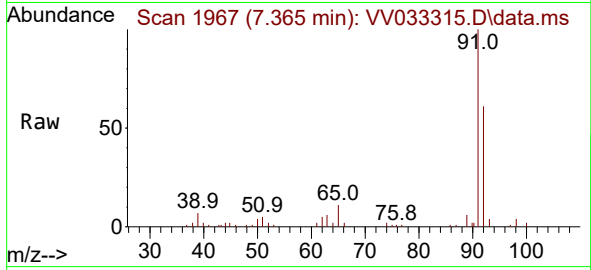
EOY87

Tgt Ion: 91 Resp: 2997
 Ion Ratio Lower Upper
 91 100
 92 60.6 40.2 74.6

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



#51

Chlorobenzene

Concen: 0.228 ug/L

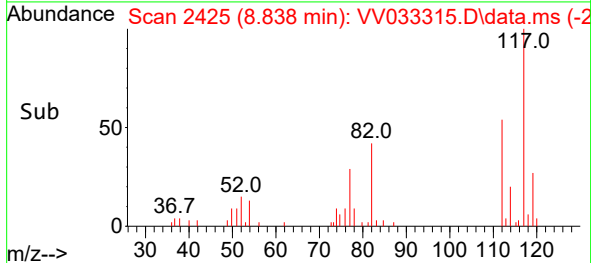
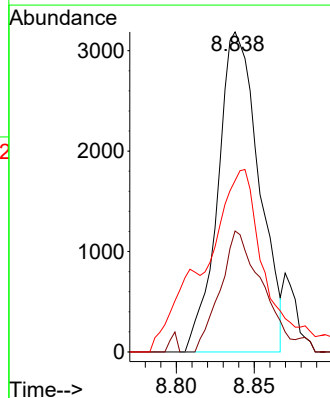
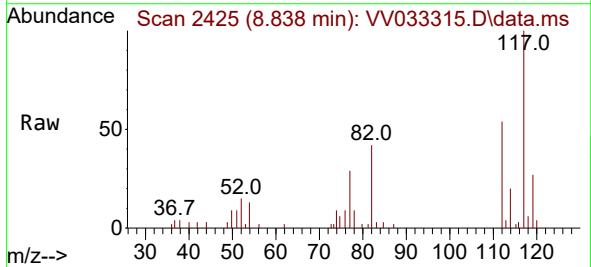
RT: 8.838 min Scan# 2425

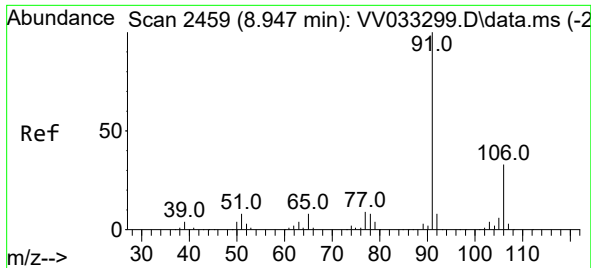
Delta R.T. 0.023 min

Lab File: VV033315.D

Acq: 14 Dec 2023 07:07

Tgt Ion:112 Resp: 5858
 Ion Ratio Lower Upper
 112 100
 114 37.8 22.8 42.4
 77 53.6 41.3 61.9





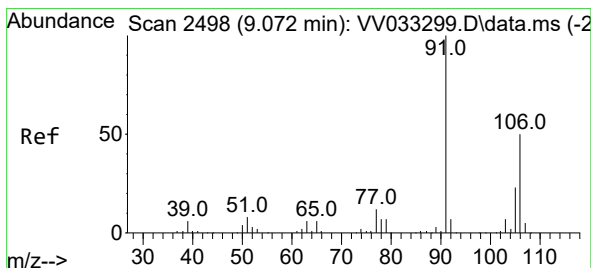
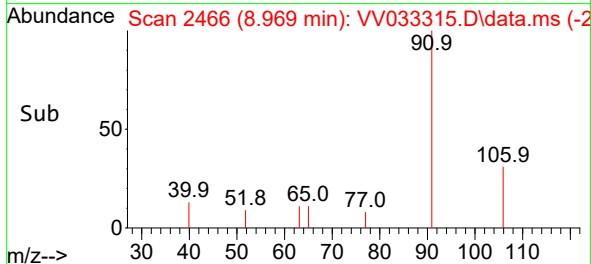
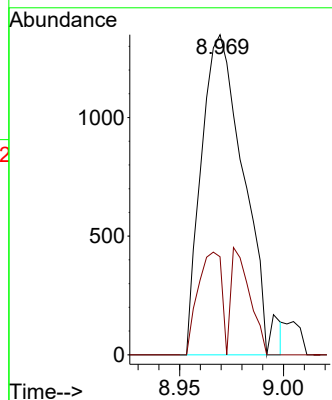
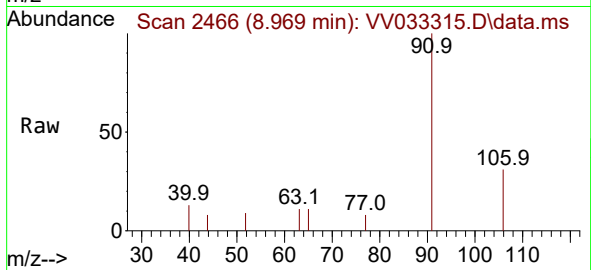
#52
Ethylbenzene
Concen: 0.046 ug/L
RT: 8.969 min Scan# 2459
Delta R.T. 0.023 min
Lab File: VV033315.D
Acq: 14 Dec 2023 07:07

Instrument :
MSVOA_V
ClientSampleId :
E0Y87

Tgt Ion: 91 Resp: 192
Ion Ratio Lower Upper
91 100
106 30.6 22.7 42.3

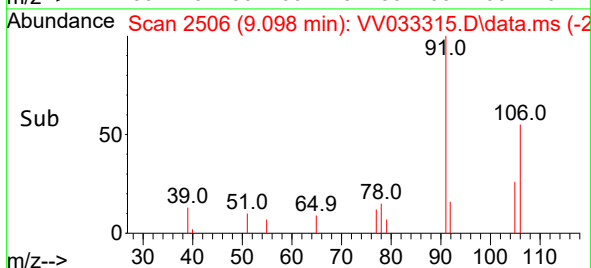
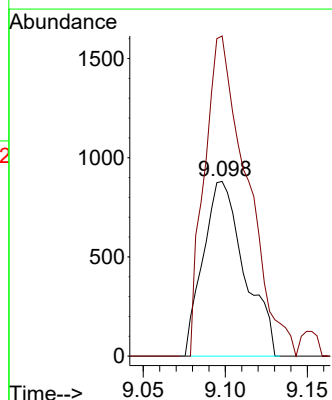
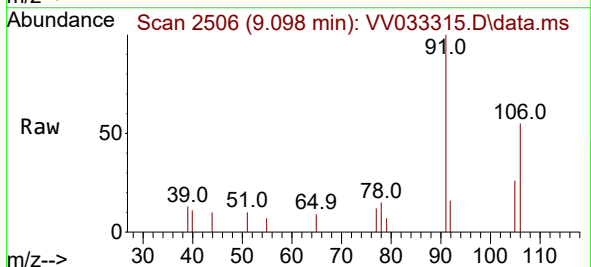
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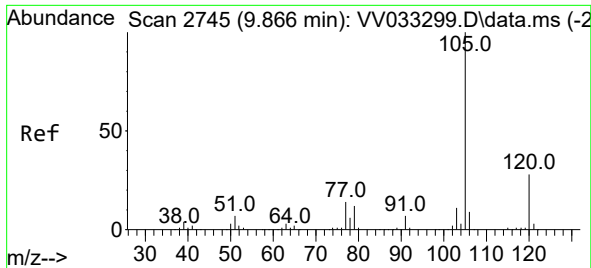
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#53
m,p-Xylene
Concen: 0.089 ug/L
RT: 9.098 min Scan# 2506
Delta R.T. 0.026 min
Lab File: VV033315.D
Acq: 14 Dec 2023 07:07

Tgt Ion:106 Resp: 1540
Ion Ratio Lower Upper
106 100
91 183.2 136.8 254.0





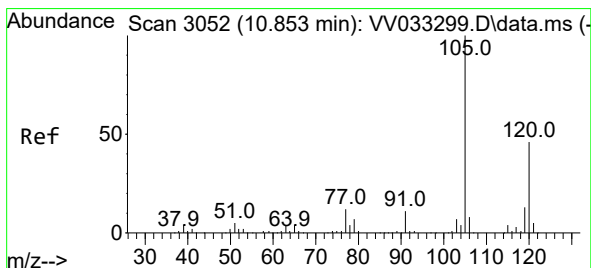
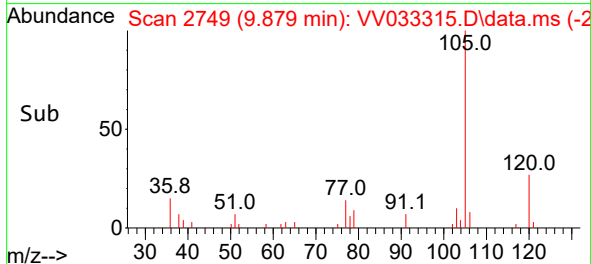
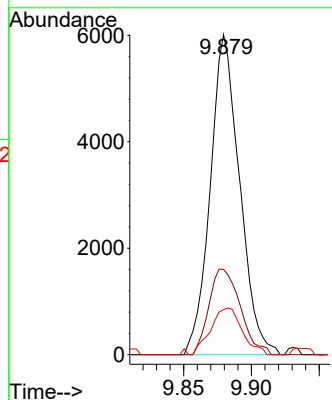
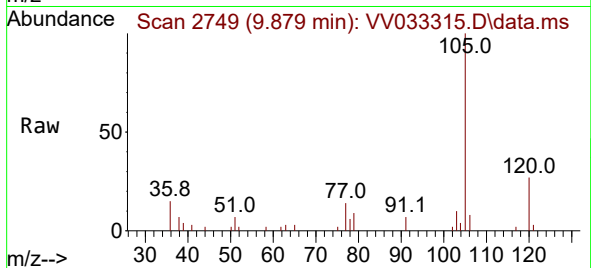
#60
Isopropylbenzene
Concen: 0.220 ug/L
RT: 9.879 min Scan# 2105
Delta R.T. 0.013 min
Lab File: VV033315.D
Acq: 14 Dec 2023 07:07

Instrument :
MSVOA_V
ClientSampleId :
E0Y87

Tgt Ion:105 Resp: 9059
Ion Ratio Lower Upper
105 100
120 28.6 22.2 33.4
77 15.6 11.6 17.4

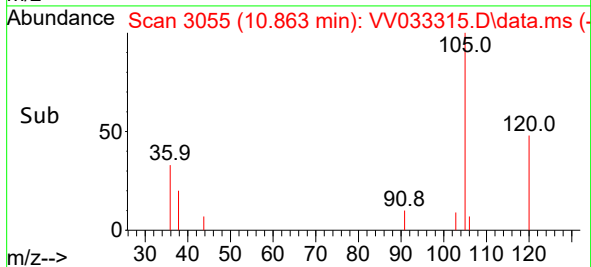
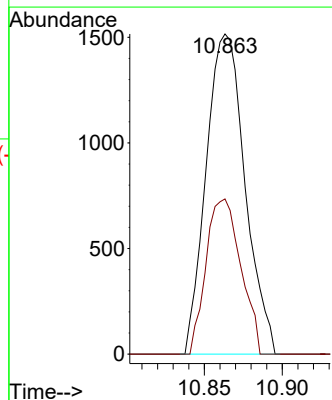
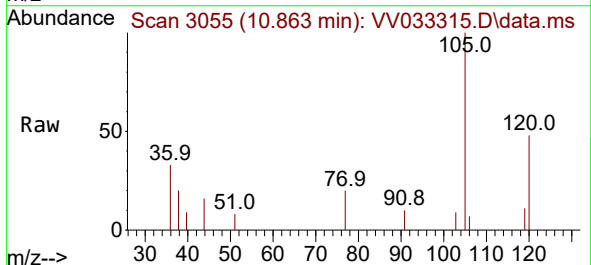
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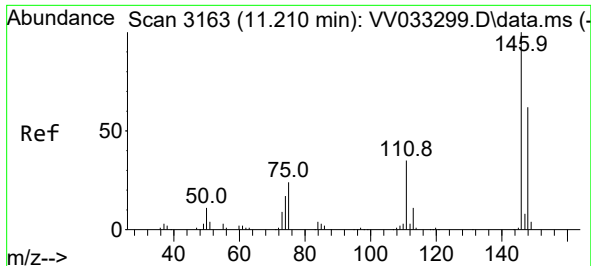
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.079 ug/L
RT: 10.863 min Scan# 3055
Delta R.T. 0.010 min
Lab File: VV033315.D
Acq: 14 Dec 2023 07:07

Tgt Ion:105 Resp: 2628
Ion Ratio Lower Upper
105 100
120 43.3 38.1 57.1





#65

1,4-Dichlorobenzene

Concen: 0.276 ug/L

RT: 11.217 min Scan# 3165

Delta R.T. 0.007 min

Lab File: VV033315.D

Acq: 14 Dec 2023 07:07

Instrument :

MSVOA_V

ClientSampleId :

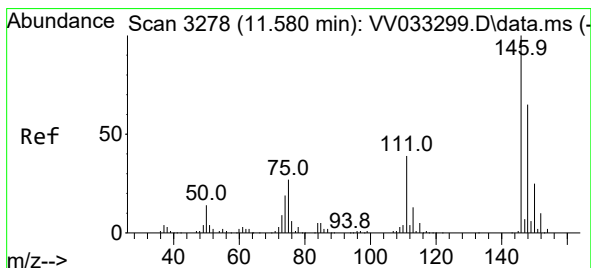
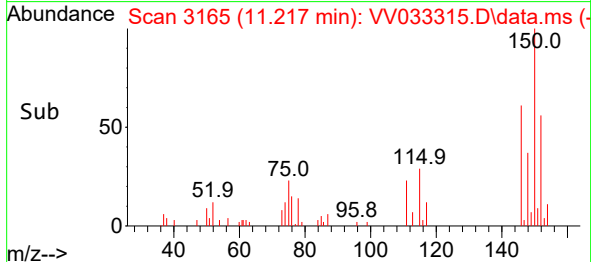
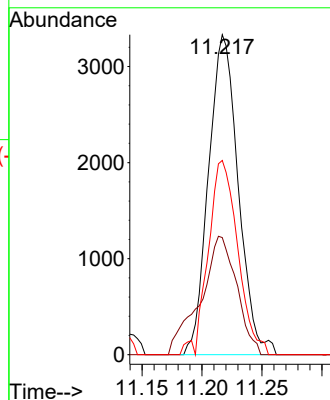
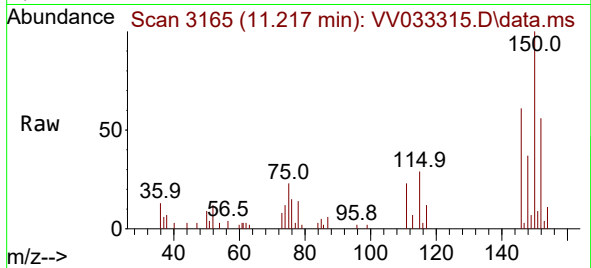
E0Y87

Tgt Ion:146	Resp:	574
Ion Ratio	Lower	Upper
146	100	
111	36.6	25.6 47.4
148	60.7	44.7 82.9

Manual Integrations

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#67

1,2-Dichlorobenzene

Concen: 0.543 ug/L

RT: 11.583 min Scan# 3279

Delta R.T. 0.003 min

Lab File: VV033315.D

Acq: 14 Dec 2023 07:07

Tgt Ion:146	Resp:	9762
Ion Ratio	Lower	Upper
146	100	
111	40.7	31.0 46.4
148	56.3	52.6 79.0

