

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121323\
 Data File : VW033286.D
 Acq On : 13 Dec 2023 19:10
 Operator : SY/MD
 Sample : 05731-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0Y58

Quant Time: Dec 13 23:35:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	127524	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	129387	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	66789	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38751	4.740	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	94.800%	
7) Chloroethane-d5	1.532	69	29161	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.060	65	14929	4.588	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.800%	
20) 2-Butanone-d5	3.815	46	56362	58.259	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	116.520%	
24) Chloroform-d	4.249	84	83572	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.000%	
26) 1,2-Dichloroethane-d4	4.944	65	39037	5.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.400%	
32) Benzene-d6	4.960	84	158848	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
36) 1,2-Dichloropropane-d6	5.989	67	37572	4.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.600%	
41) Toluene-d8	7.243	98	148654	4.558	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	7.555	79	16347	4.704	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.000%	
46) 2-Hexanone-d5	8.030	63	56698	58.436	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	116.880%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	27984	5.431	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	108.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	63122	5.366	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2106	0.232	ug/L	98
5) Vinyl chloride	1.285	62	7071	0.768	ug/L	95
13) Acetone	2.143	43	4157m	6.071	ug/L	
22) cis-1,2-Dichloroethene	3.815	96	41461	4.540	ug/L	95
33) Benzene	5.018	78	23487	0.677	ug/L	100
40) 4-Methyl-2-pentanone	7.172	43	6973	2.826	ug/L #	79
42) Toluene	7.323	91	15046	0.379	ug/L	99
51) Chlorobenzene	8.815	112	63973	2.352	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	3562	0.159	ug/L	95

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

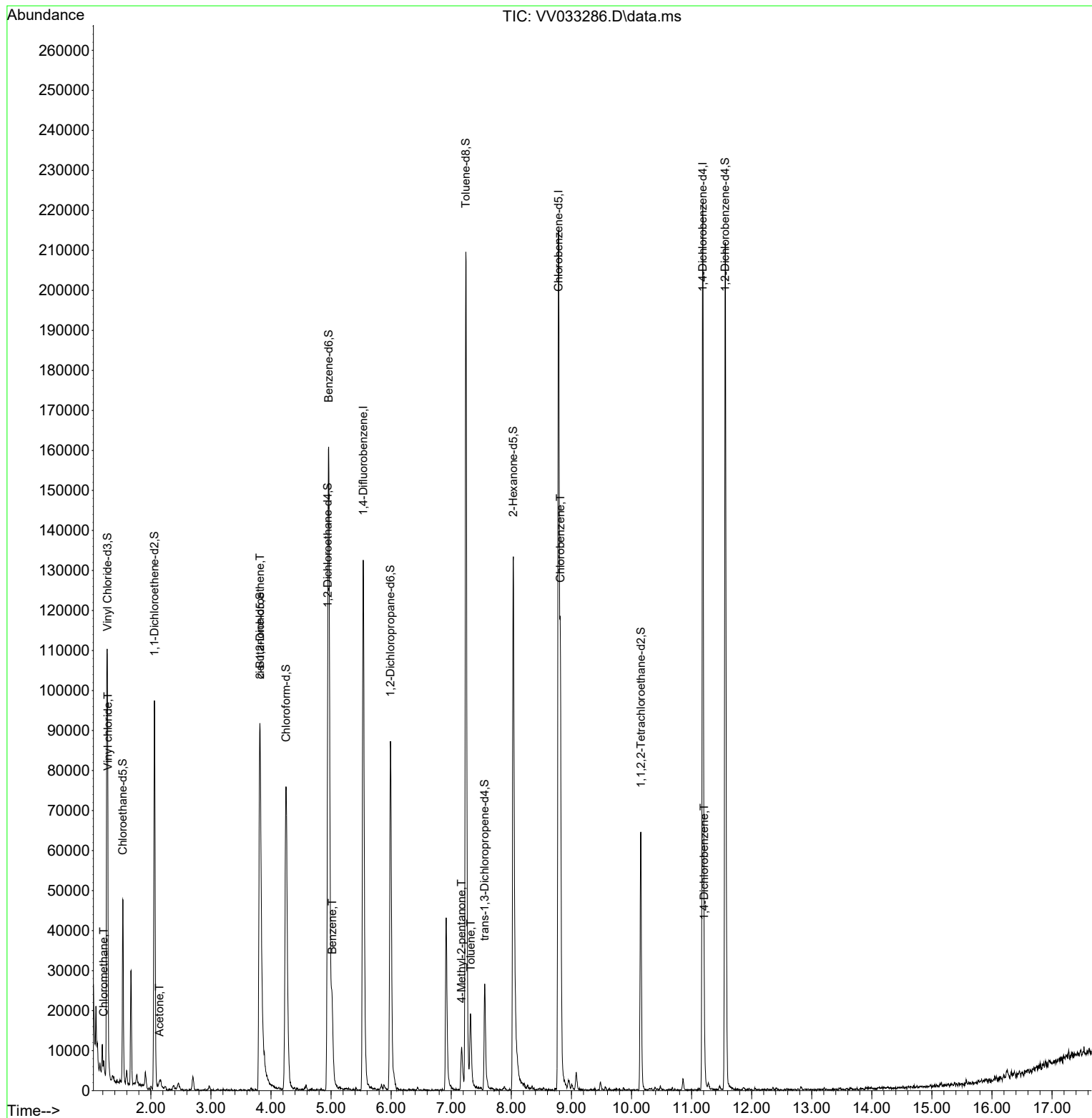
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Data File : VV033286.D
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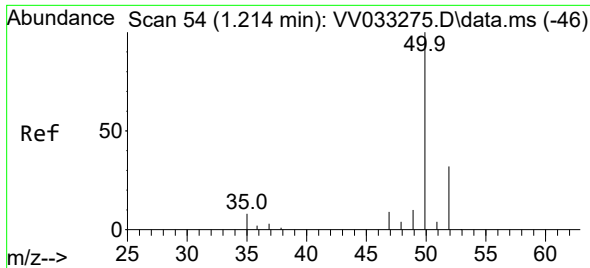
Instrument :
MSVOA_V
ClientSampleId :
E0Y58

Manual Integrations
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Supervised By : Mahesh Dadoda 12/18/2023

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Quant Title : TRACE VOA SFAM1.0
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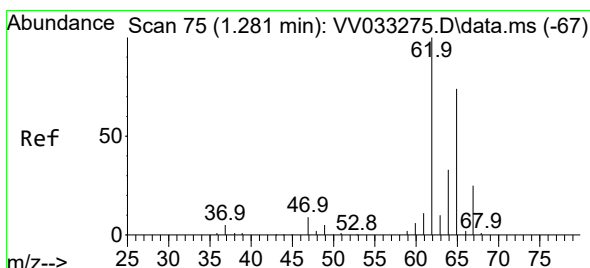
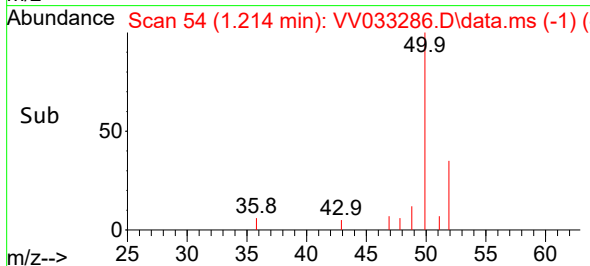
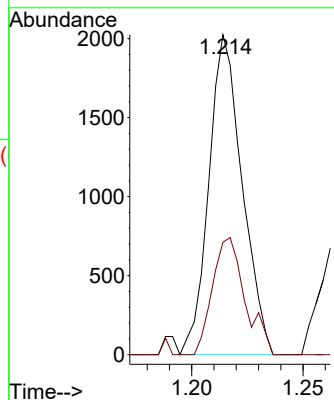
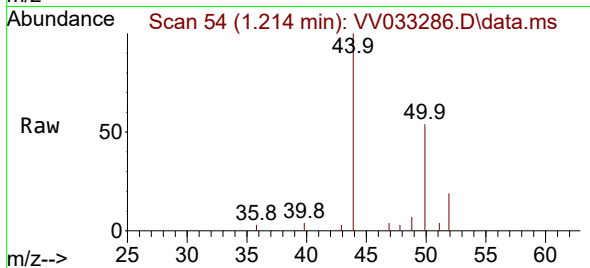
#3
Chloromethane
Concen: 0.232 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Instrument :
MSVOA_V
ClientSampleId :
E0Y58

Tgt Ion: 50 Resp: 2100
Ion Ratio Lower Upper
50 100
52 35.1 23.8 44.2

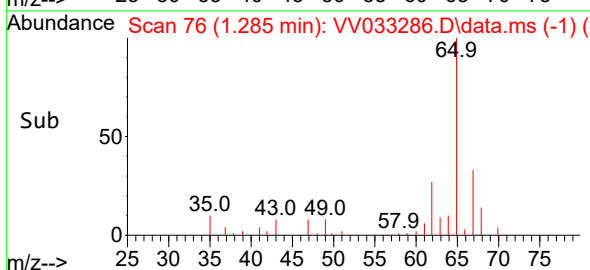
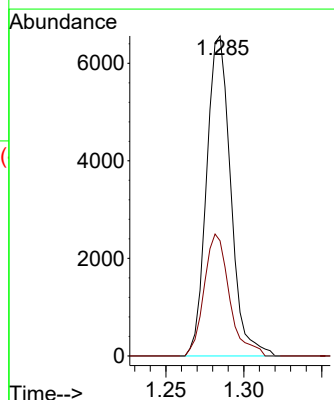
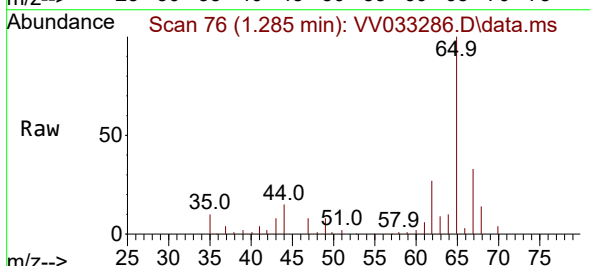
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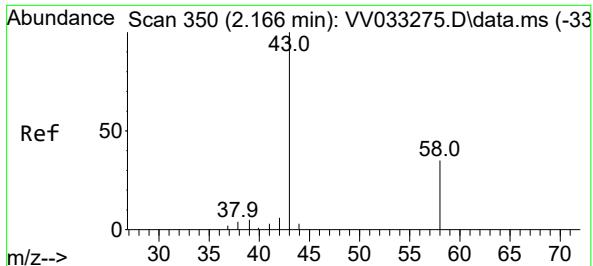
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#5
Vinyl chloride
Concen: 0.768 ug/L
RT: 1.285 min Scan# 76
Delta R.T. 0.003 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Tgt Ion: 62 Resp: 7071
Ion Ratio Lower Upper
62 100
64 36.0 23.0 42.8





#13

Acetone

Concen: 6.071 ug/L m

RT: 2.143 min Scan# 34

Delta R.T. -0.022 min

Lab File: VV033286.D

Acq: 13 Dec 2023 19:10

Instrument :

MSVOA_V

ClientSampleId :

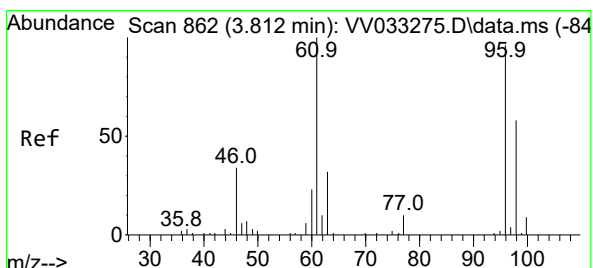
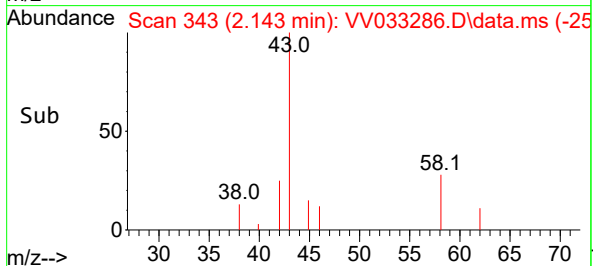
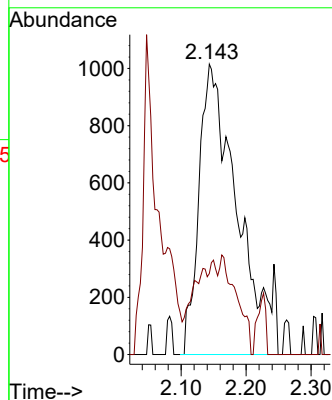
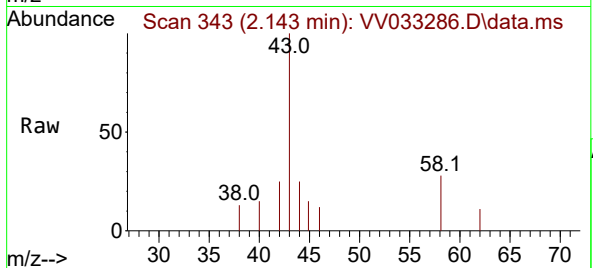
E0Y58

Tgt Ion: 43 Resp: 415
 Ion Ratio Lower Upper
 43 100
 58 6.6 0.0 30.2

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 4.540 ug/L

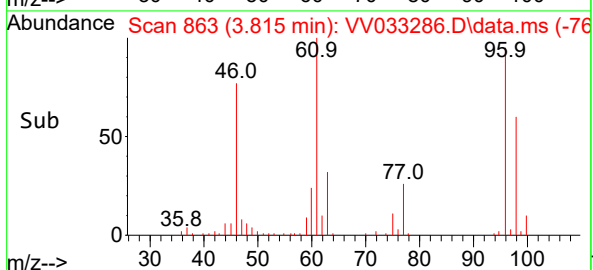
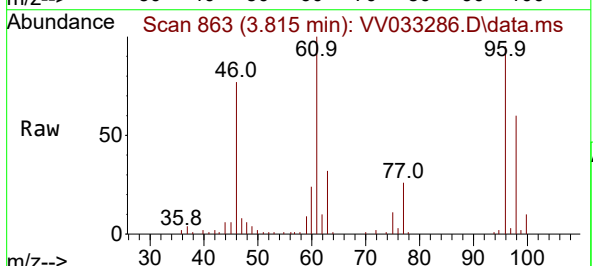
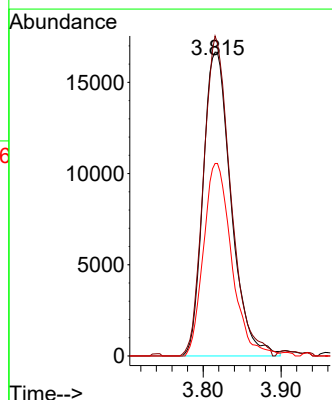
RT: 3.815 min Scan# 863

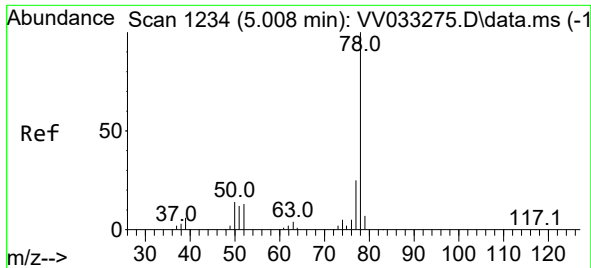
Delta R.T. 0.003 min

Lab File: VV033286.D

Acq: 13 Dec 2023 19:10

Tgt Ion: 96 Resp: 41461
 Ion Ratio Lower Upper
 96 100
 61 105.3 69.9 129.9
 98 63.4 42.4 78.8





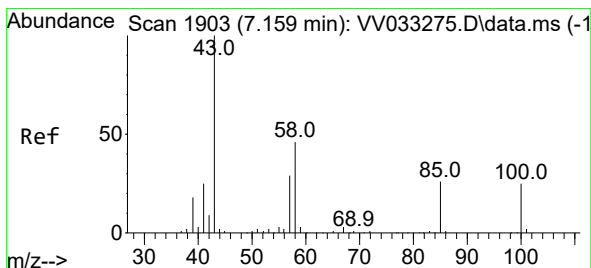
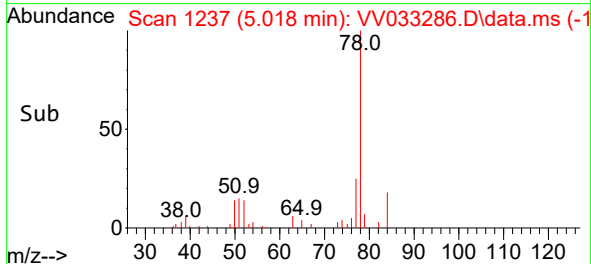
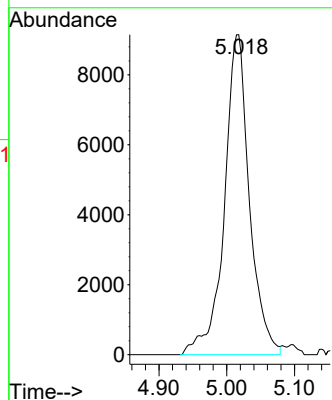
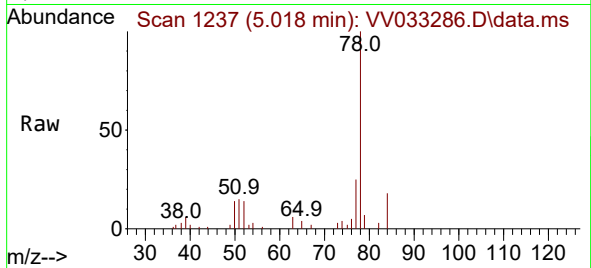
#33
Benzene
Concen: 0.677 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Instrument :
MSVOA_V
ClientSampleId :
E0Y58

Tgt Ion: 78 Resp: 2348

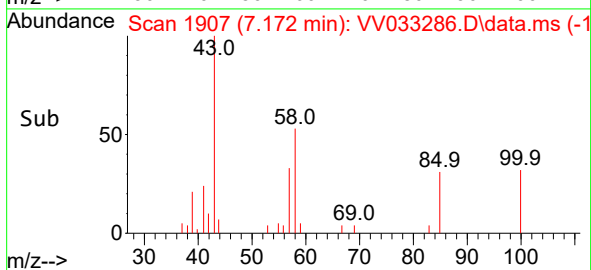
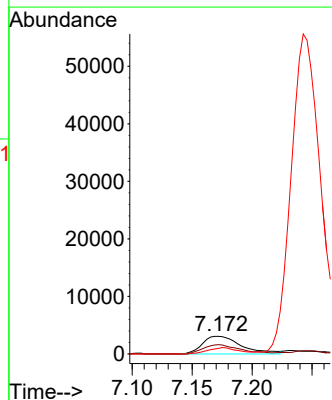
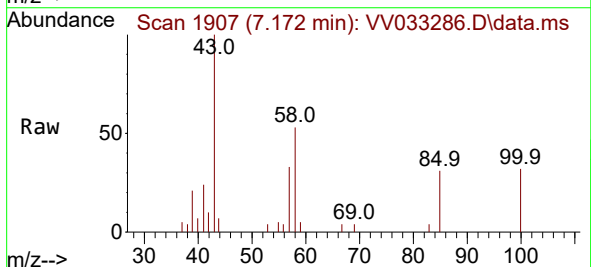
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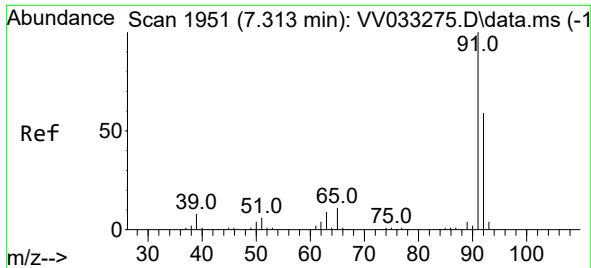
Reviewed By :Semsettin Yesilyurt 12/16/2023
Supervised By :Mahesh Dadoda 12/18/2023



#40
4-Methyl-2-pentanone
Concen: 2.826 ug/L
RT: 7.172 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Tgt Ion: 43 Resp: 6973
Ion Ratio Lower Upper
43 100
58 49.9 36.2 54.2
100 0.0 18.8 28.2#





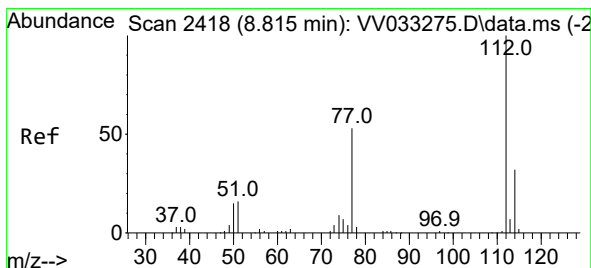
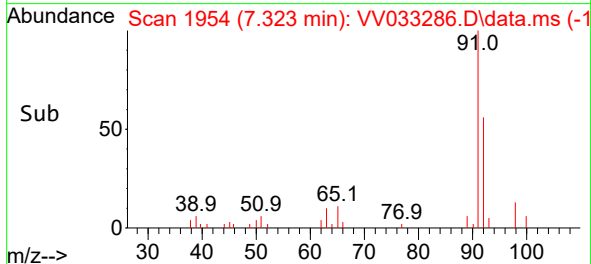
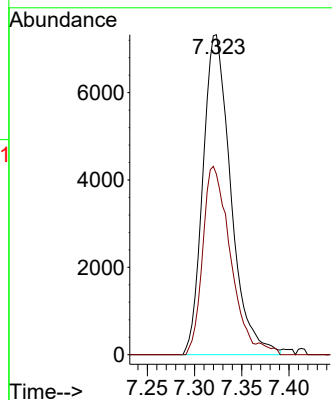
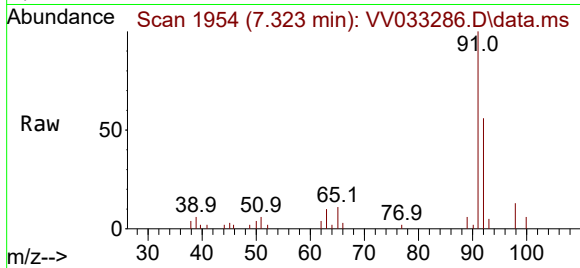
#42
Toluene
Concen: 0.379 ug/L
RT: 7.323 min Scan# 1951
Delta R.T. 0.010 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Instrument :
MSVOA_V
ClientSampleId :
E0Y58

Tgt Ion: 91 Resp: 15040
Ion Ratio Lower Upper
91 100
92 56.5 40.2 74.6

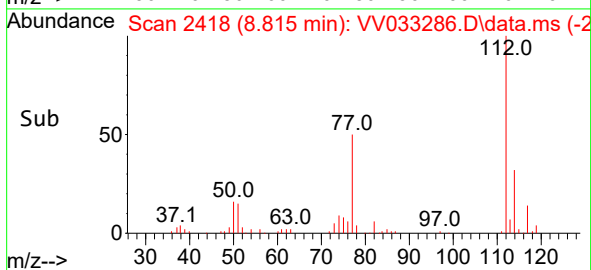
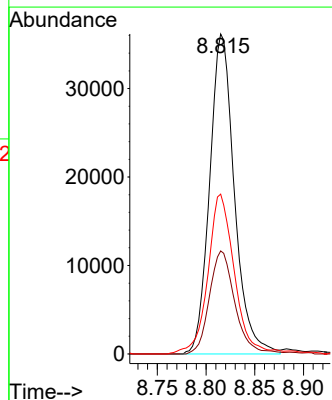
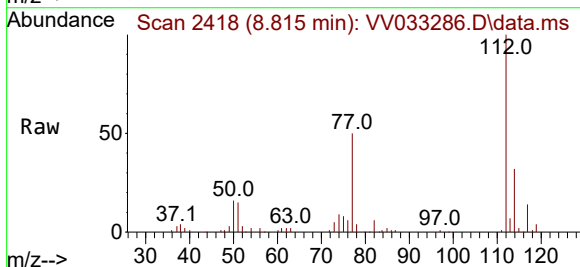
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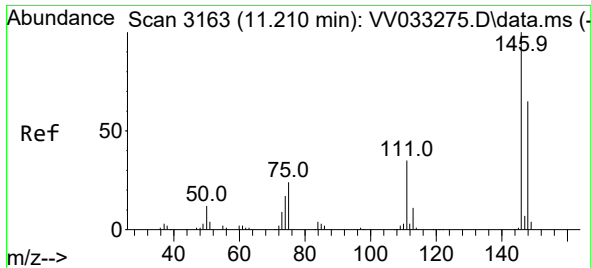
Reviewed By :Semsettin Yesilyurt 12/16/2023
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#51
Chlorobenzene
Concen: 2.352 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.000 min
Lab File: VV033286.D
Acq: 13 Dec 2023 19:10

Tgt Ion:112 Resp: 63973
Ion Ratio Lower Upper
112 100
114 32.2 22.8 42.4
77 49.9 41.3 61.9





#65

1,4-Dichlorobenzene

Concen: 0.159 ug/L

RT: 11.210 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV033286.D

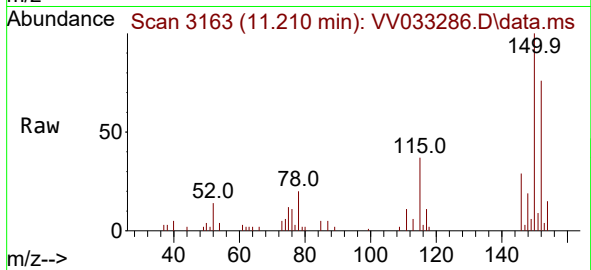
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Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:	146	Resp:	356
Ion	Ratio	Lower	Upper
146	100		
111	39.9	25.6	47.4
148	67.7	44.7	82.9

Manual Integrations

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