

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111323\
 Data File : VW032952.D
 Acq On : 13 Nov 2023 23:35
 Operator : SY/MD
 Sample : 05296-12 100X
 Misc : 4.56gm/5mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BH3S6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 14 01:39:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 14 01:11:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	402207	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	405933	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	200140	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	150343	44.196	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.400%		
7) Chloroethane-d5	1.532	69	124944	44.331	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	88.660%		
11) 1,1-Dichloroethene-d2	2.059	65	67474	45.525	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.060%		
21) 2-Butanone-d5	3.783	46	109799	75.301	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.300%		
24) Chloroform-d	4.249	84	253855	43.196	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.400%		
26) 1,2-Dichloroethane-d4	4.940	65	160368	44.848	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.700%		
32) Benzene-d6	4.960	84	510835	46.140	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.280%		
36) 1,2-Dichloropropane-d6	5.989	67	148938	46.281	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.560%		
41) Toluene-d8	7.243	98	459654	45.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.060%		
43) trans-1,3-Dichloroprop...	7.554	79	72814	42.620	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.240%		
47) 2-Hexanone-d5	8.024	63	96237	81.628	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	81.630%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	204580	43.396	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	86.800%		
66) 1,2-Dichlorobenzene-d4	11.561	152	190718	49.041	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.080%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.821	96	5912m	1.949	ug/L	
42) Toluene	7.323	91	36877	3.065	ug/L	99
46) Tetrachloroethene	7.908	164	10256	3.979	ug/L	96
51) Chlorobenzene	8.818	112	9615	1.154	ug/L	96
52) Ethylbenzene	8.950	91	73287	5.501	ug/L	98
53) m,p-Xylene	9.072	106	218039	42.561	ug/L	96
54) o-Xylene	9.480	106	92551	18.736	ug/L	99
64) 1,3-Dichlorobenzene	11.127	146	4568	0.739	ug/L	97
65) 1,4-Dichlorobenzene	11.213	146	14094	2.127	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	10539	1.696	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	131517	31.580	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	86103	20.544	ug/L	100

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

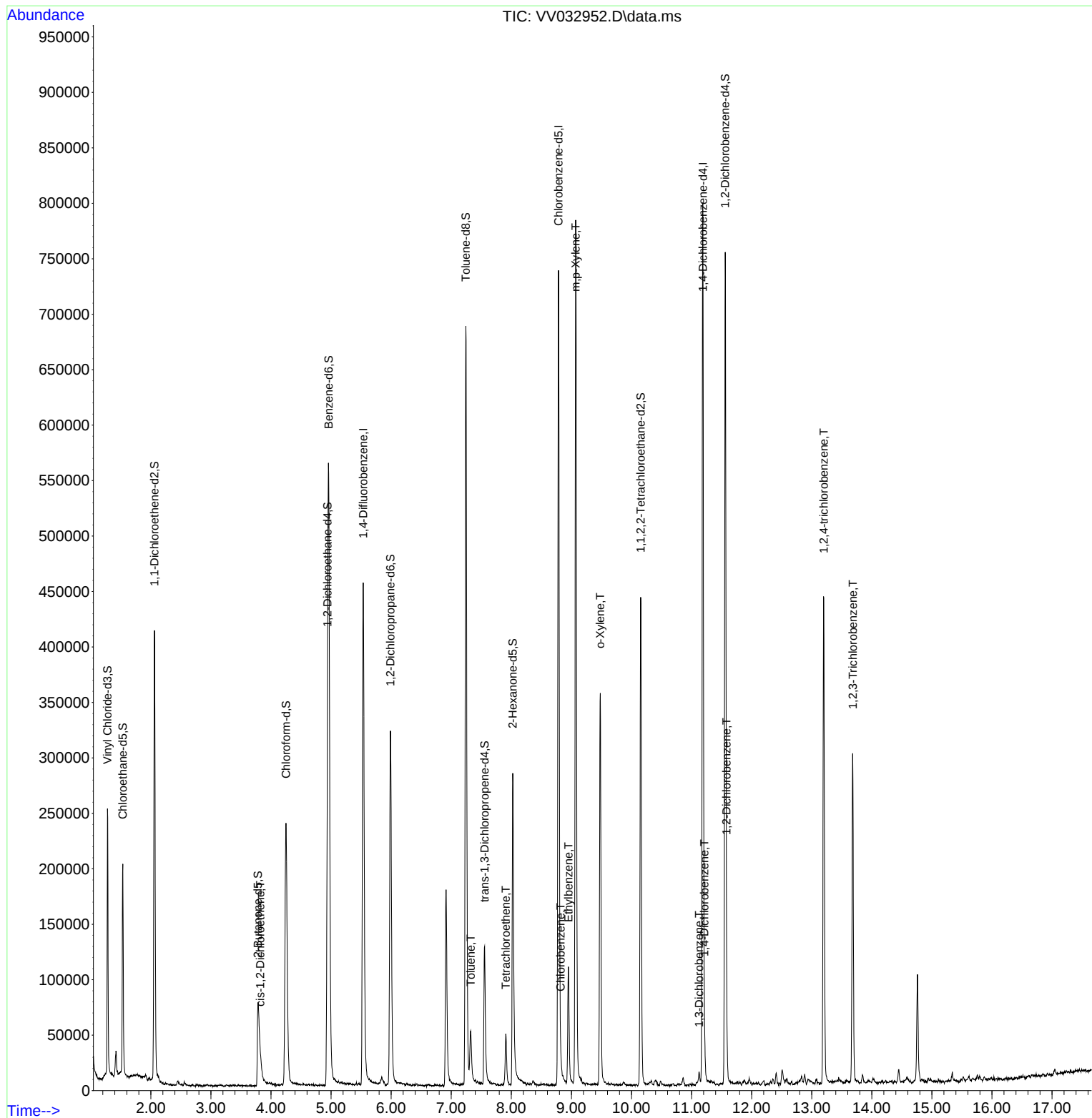
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
Data File : VV032952.D
Acq On : 13 Nov 2023 23:35
Operator : SY/MD
Sample : 05296-12 100X
Misc : 4.56gm/5mL/100uL/5mL/MSVOA_V/MEOH
ALS Vial : 22 Sample Multiplier: 1

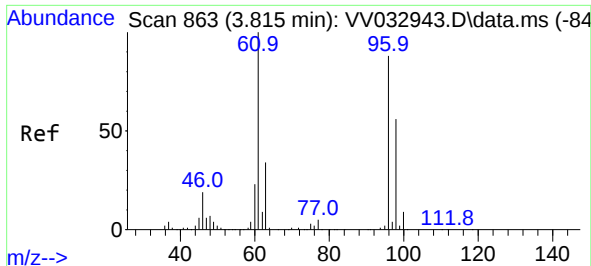
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ClientSampleId :
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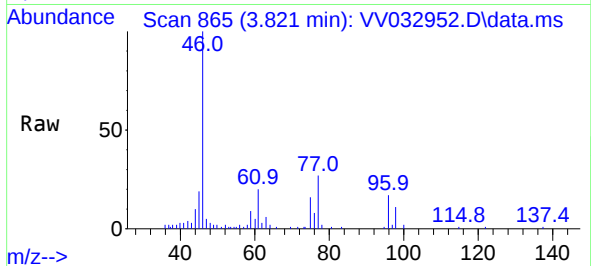
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 14 01:11:23 2023
Response via : Initial Calibration





#20
cis-1,2-Dichloroethene
Concen: 1.949 ug/L m
RT: 3.821 min Scan# 80
Delta R.T. 0.006 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

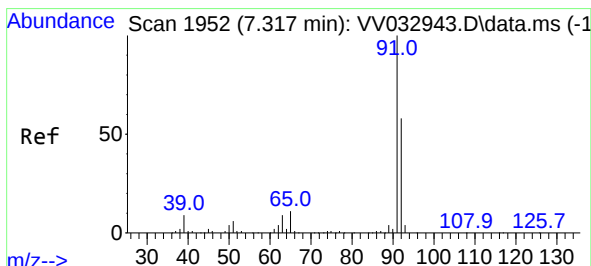
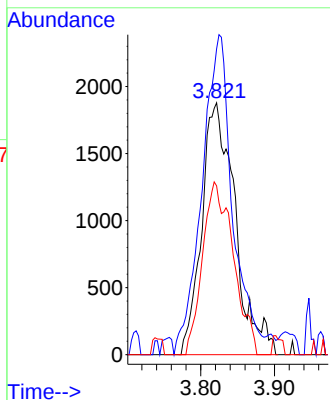
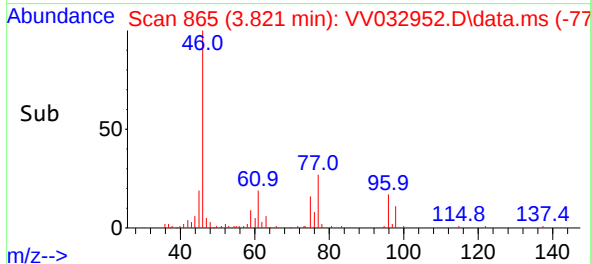
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ClientSampleId :
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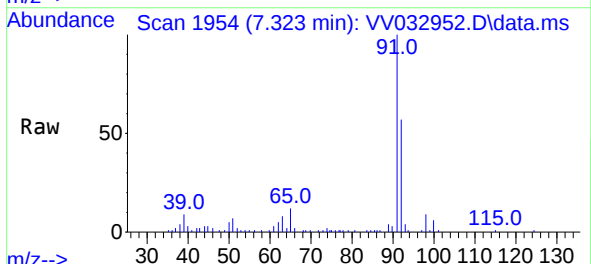
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Ion Ratio Lower Upper
96 100
61 121.4 83.5 155.1
98 67.0 44.0 81.8

Manual Integrations
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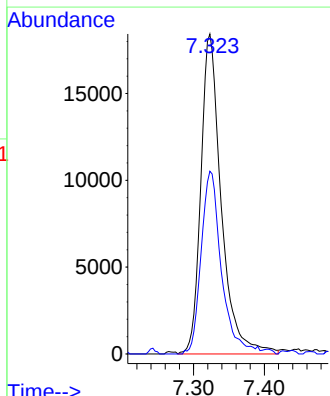
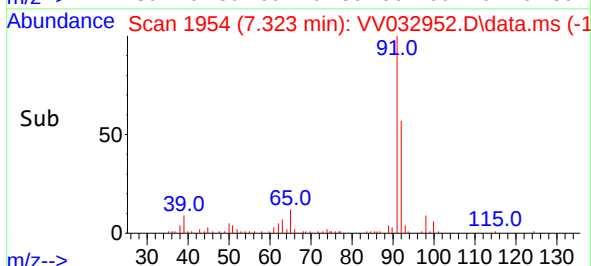
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

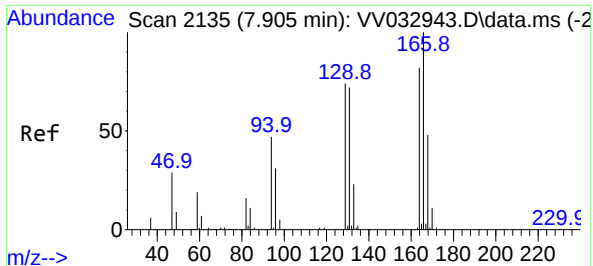


#42
Toluene
Concen: 3.065 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35



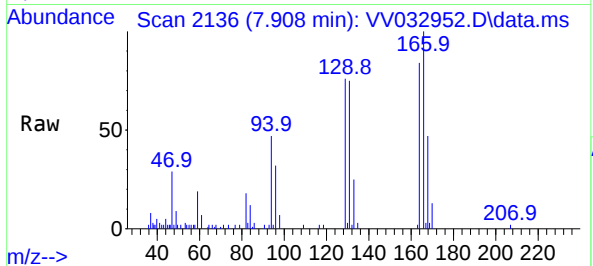
Tgt Ion: 91 Resp: 36877
Ion Ratio Lower Upper
91 100
92 57.1 40.3 74.9





#46
Tetrachloroethene
Concen: 3.979 ug/L
RT: 7.908 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

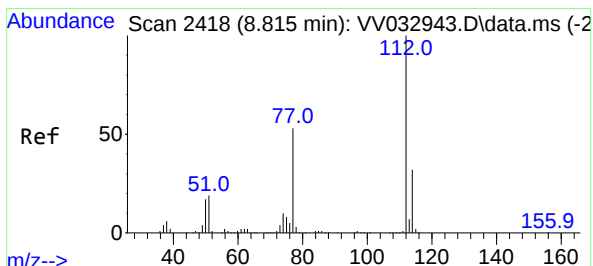
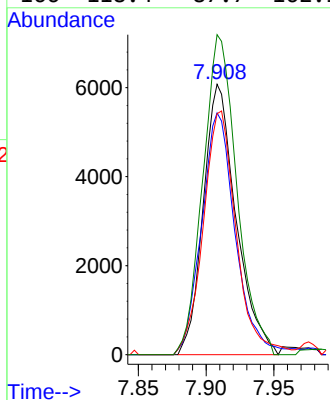
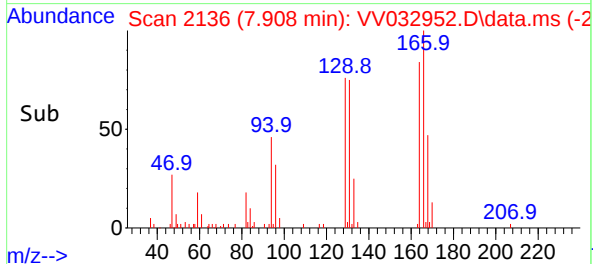
Instrument :
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ClientSampleId :
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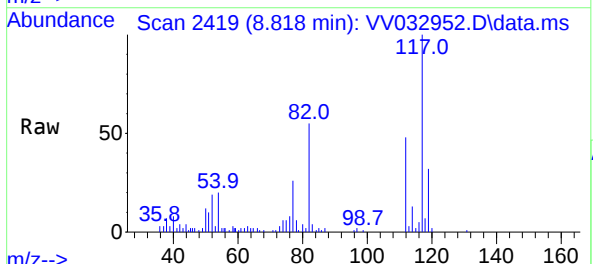
Tgt Ion:164 Resp: 10250
Ion Ratio Lower Upper
164 100
129 89.4 64.2 119.2
131 89.2 63.5 117.9
166 118.4 87.7 162.9

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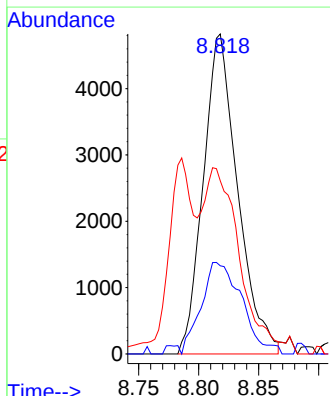
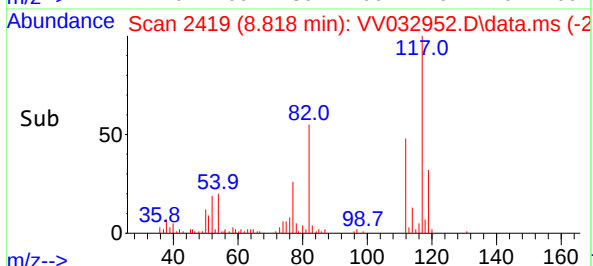
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

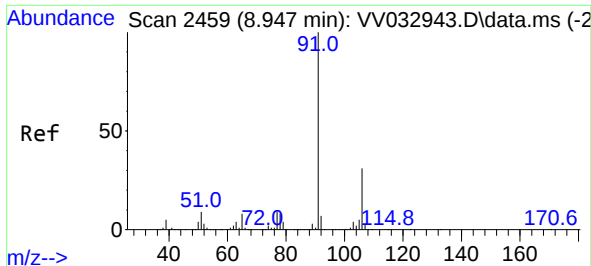


#51
Chlorobenzene
Concen: 1.154 ug/L
RT: 8.818 min Scan# 2419
Delta R.T. 0.003 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35



Tgt Ion:112 Resp: 9615
Ion Ratio Lower Upper
112 100
114 27.5 22.1 41.1
77 54.1 44.2 66.2





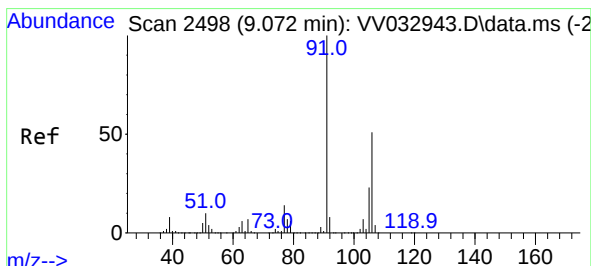
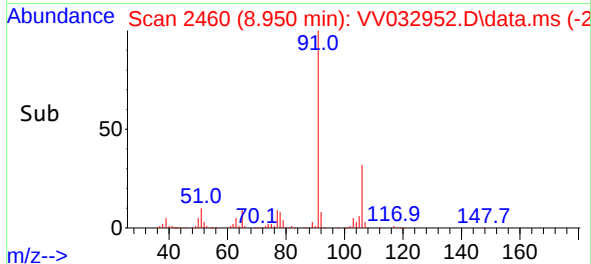
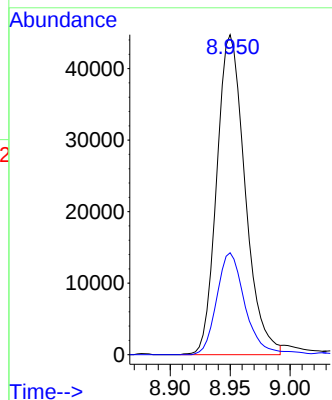
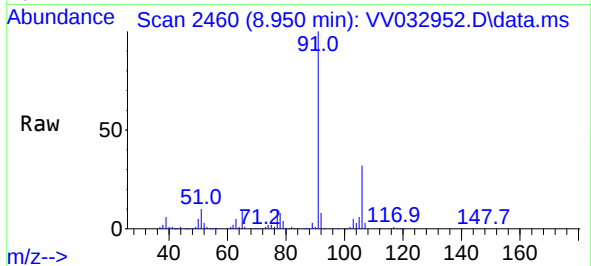
#52
Ethylbenzene
Concen: 5.501 ug/L
RT: 8.950 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion: 91 Resp: 7328
Ion Ratio Lower Upper
91 100
106 31.8 21.6 40.0

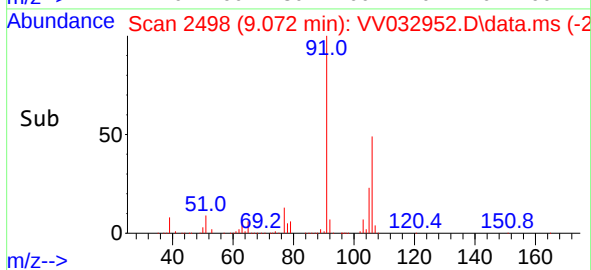
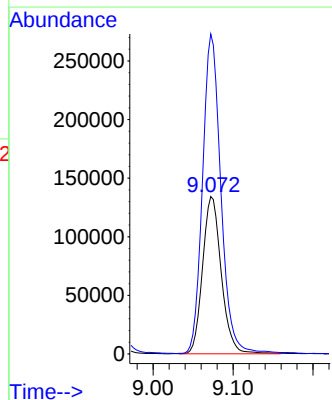
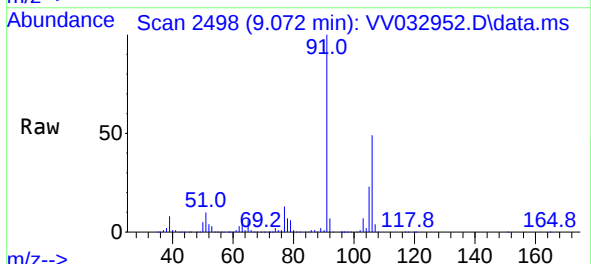
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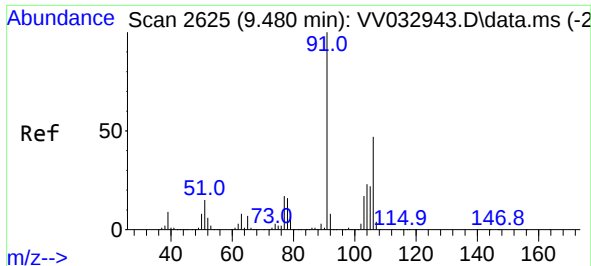
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#53
m,p-Xylene
Concen: 42.561 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. -0.000 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

Tgt Ion:106 Resp: 218039
Ion Ratio Lower Upper
106 100
91 203.1 137.5 255.4





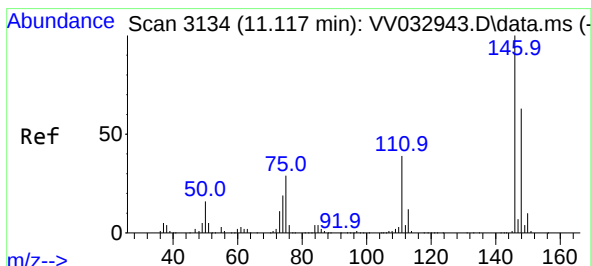
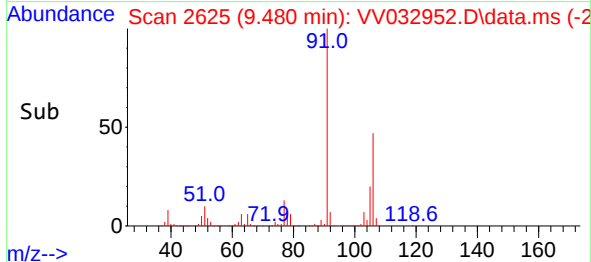
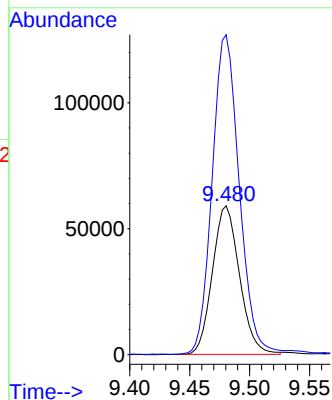
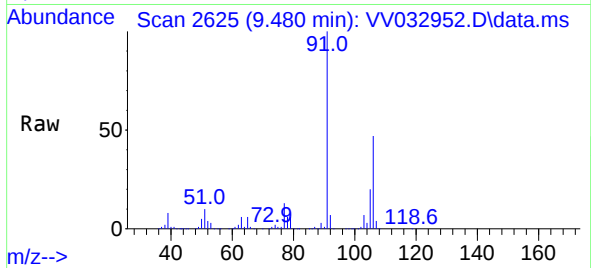
#54
o-Xylene
Concen: 18.736 ug/L
RT: 9.480 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

Instrument :
MSVOA_V
ClientSampleId :
BH3S6

Tgt Ion:106 Resp: 9255
Ion Ratio Lower Upper
106 100
91 214.9 151.6 281.6

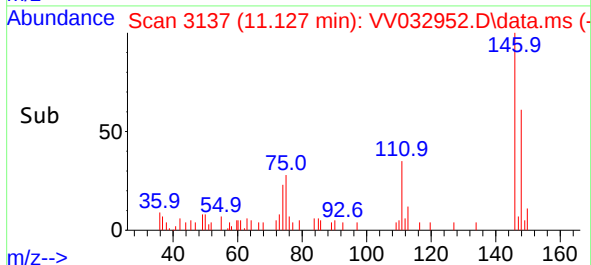
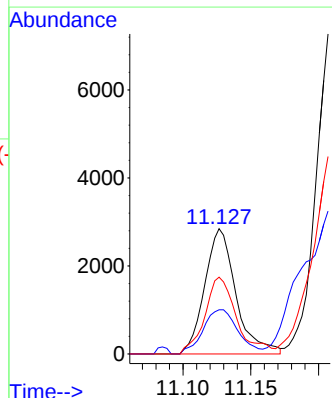
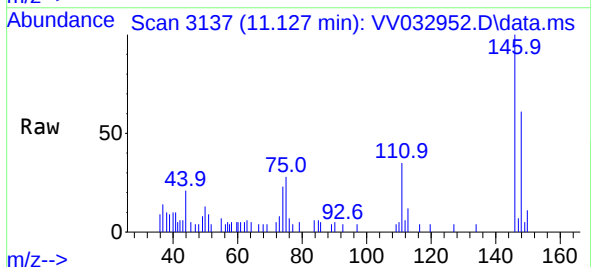
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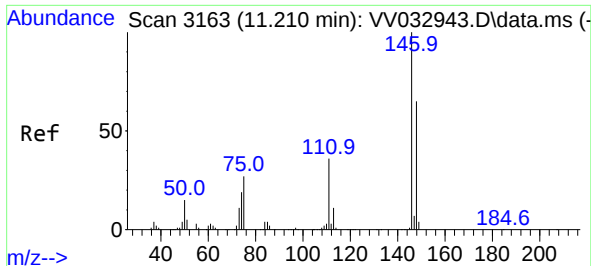
Reviewed By :Mahesh Dadoda 11/17/2023
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#64
1,3-Dichlorobenzene
Concen: 0.739 ug/L
RT: 11.127 min Scan# 3137
Delta R.T. 0.010 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

Tgt Ion:146 Resp: 4568
Ion Ratio Lower Upper
146 100
111 35.3 26.9 49.9
148 61.3 43.6 81.0





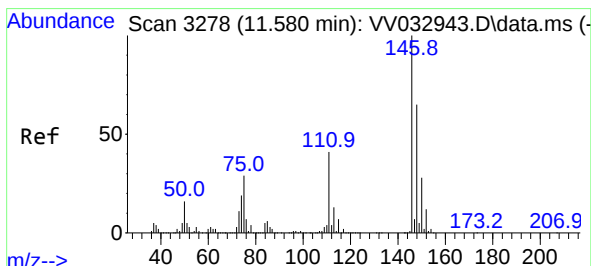
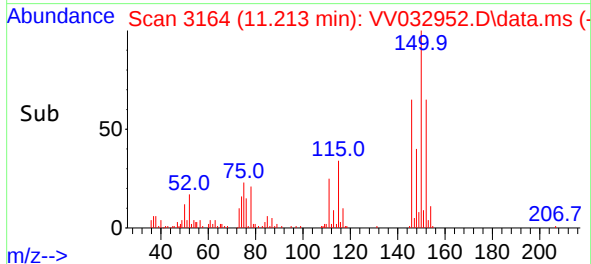
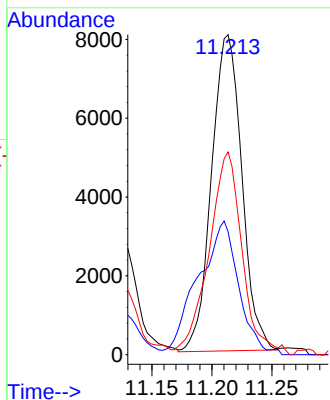
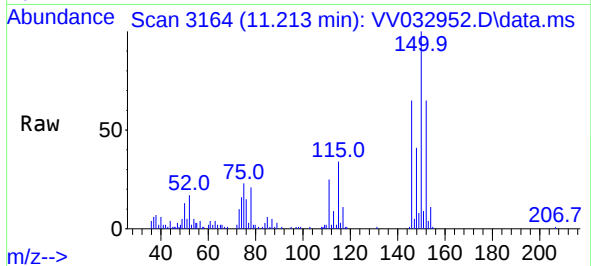
#65
1,4-Dichlorobenzene
Concen: 2.127 ug/L
RT: 11.213 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:146 Resp: 14094
Ion Ratio Lower Upper
146 100
111 38.4 25.5 47.3
148 63.4 44.4 82.5

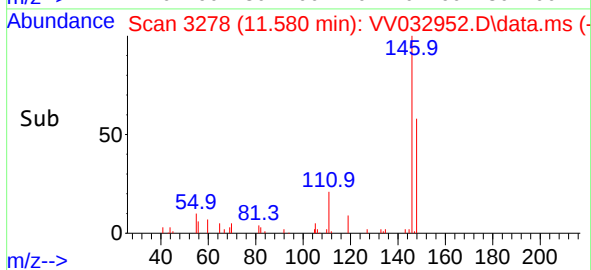
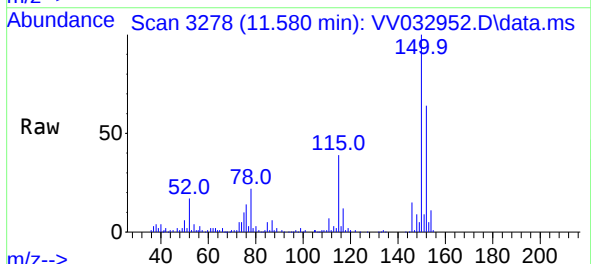
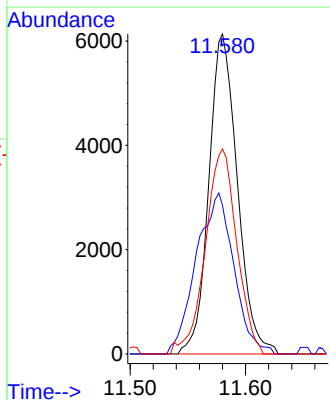
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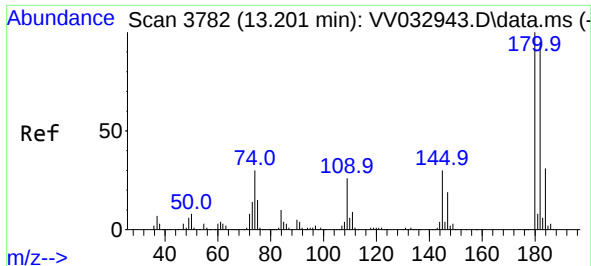
Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#67
1,2-Dichlorobenzene
Concen: 1.696 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. -0.000 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

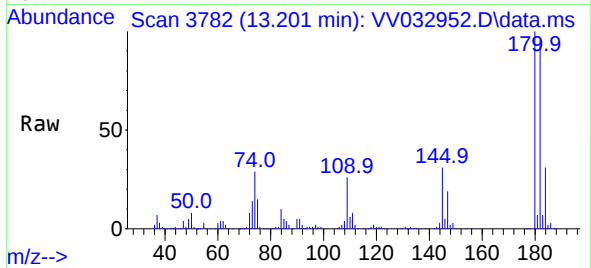
Tgt Ion:146 Resp: 10539
Ion Ratio Lower Upper
146 100
111 46.4 31.1 46.7
148 64.1 51.4 77.0





#70
1,2,4-trichlorobenzene
Concen: 31.580 ug/L
RT: 13.201 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35

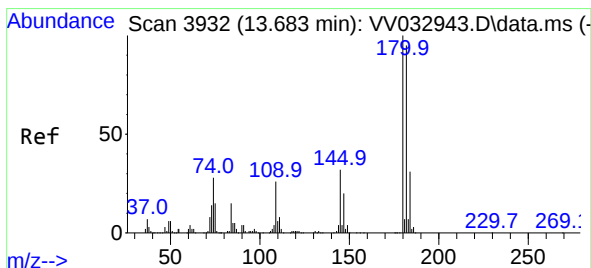
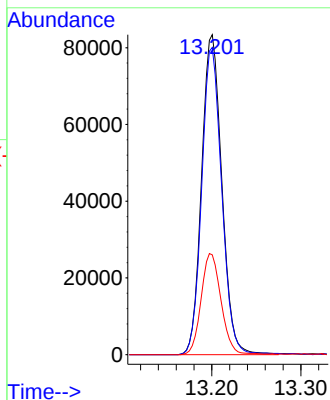
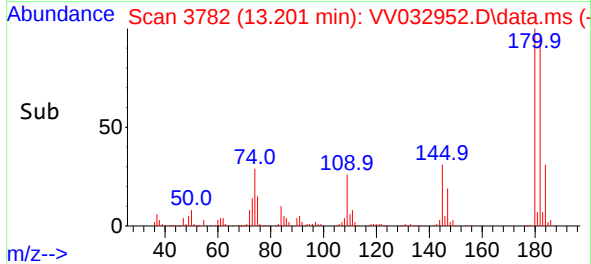
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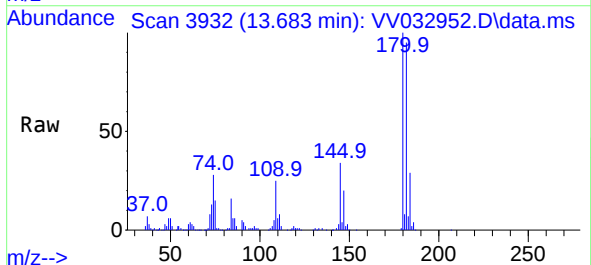
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Ion Ratio Lower Upper
180 100
182 94.5 77.0 115.4
145 30.9 24.3 36.5

Manual Integrations
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Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023



#72
1,2,3-Trichlorobenzene
Concen: 20.544 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. -0.000 min
Lab File: VV032952.D
Acq: 13 Nov 2023 23:35



Tgt Ion:180 Resp: 86103
Ion Ratio Lower Upper
180 100
182 96.2 76.9 115.3
145 33.4 26.1 39.1

