

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
 Data File : VW027423.D
 Acq On : 24 Oct 2023 17:45
 Operator : SY/MD
 Sample : 04961-14
 Misc : 5.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E0LJ1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 25 01:33:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 25 01:28:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	479316	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	298192	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	56054	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	130424	17.829	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.320%		
7) Chloroethane-d5	2.893	69	108281	20.615	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	82.480%		
11) 1,1-Dichloroethene-d2	4.021	65	67013	18.283	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	73.120%		
21) 2-Butanone-d5	7.075	46	104050	42.795	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	85.580%		
24) Chloroform-d	7.648	84	306916	21.484	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	85.920%		
26) 1,2-Dichloroethane-d4	8.307	65	163761m	21.340	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	85.360%		
32) Benzene-d6	8.276	84	608876	30.180	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	120.720%		
36) 1,2-Dichloropropane-d6	9.276	67	191982	31.155	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	124.600%#		
41) Toluene-d8	10.325	98	424376	23.196	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	92.800%		
43) trans-1,3-Dichloroprop...	10.581	79	61868	22.020	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	88.080%		
47) 2-Hexanone-d5	10.922	63	67286	52.777	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	105.560%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	97792	21.271	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	85.080%		
66) 1,2-Dichlorobenzene-d4	13.848	152	37553	18.487	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	73.960%#		
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	18056	2.058	ug/L	97
20) cis-1,2-Dichloroethene	7.179	96	6666	0.874	ug/L	81
29) Cyclohexane	7.959	56	7714	0.852	ug/L	89
30) 1,1,1-Trichloroethane	7.874	97	16592	2.281	ug/L	97
33) Benzene	8.325	78	18557	0.952	ug/L	100
34) Trichloroethene	9.093	95	297847	57.860	ug/L	94
35) Methylcyclohexane	9.331	83	10566	1.148	ug/L	91
42) Toluene	10.385	91	48561	2.375	ug/L	97
46) Tetrachloroethene	10.867	164	4987020	1403.022	ug/L	96
52) Ethylbenzene	11.727	91	13468	0.567	ug/L	98
53) m,p-Xylene	11.836	106	7576	0.841	ug/L	96
63) 1,2,4-Trimethylbenzene	13.245	105	4843	0.674	ug/L	98

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

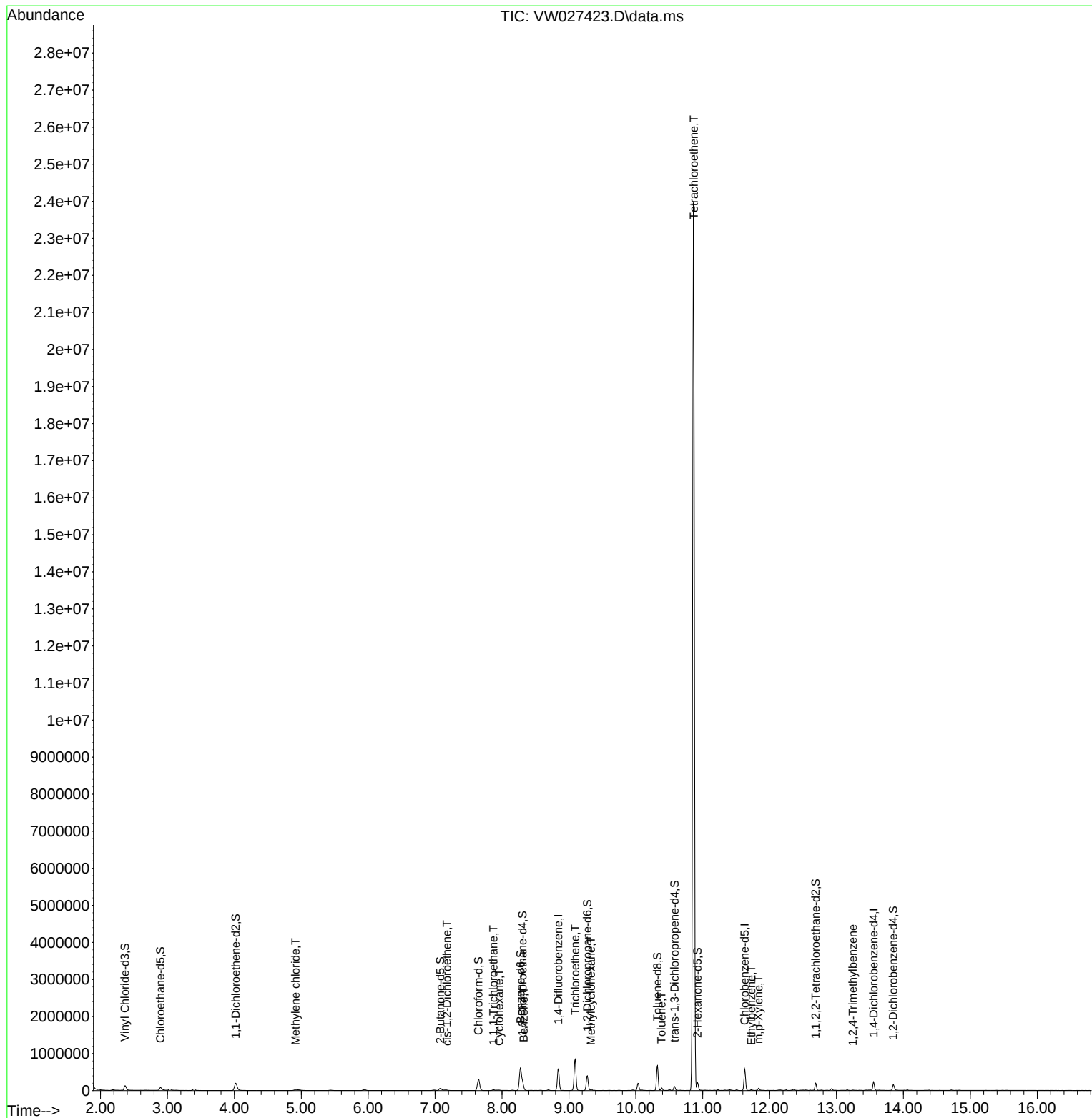
Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102423\
Data File : VW027423.D
Acq On : 24 Oct 2023 17:45
Operator : SY/MD
Sample : 04961-14
Misc : 5.07g/10mL/MSVOA_W/SOIL
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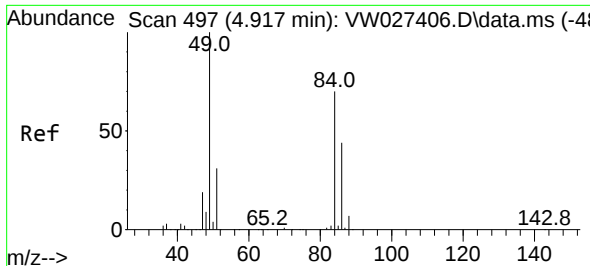
Instrument :
MSVOA_W
ClientSampleId :
E0LJ1

Manual Integrations
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Supervised By :Mahesh Dadoda 10/26/2023

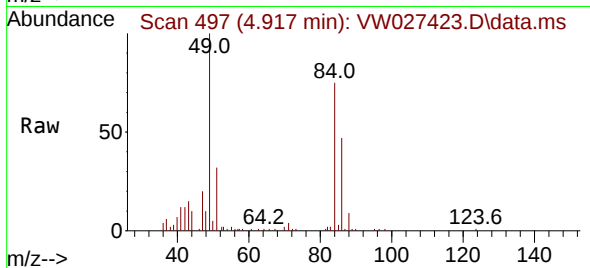
Quant Time: Oct 25 01:33:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM101123SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Oct 25 01:28:28 2023
Response via : Initial Calibration





#16
Methylene chloride
Concen: 2.058 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

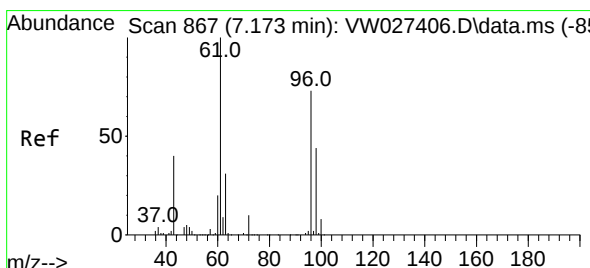
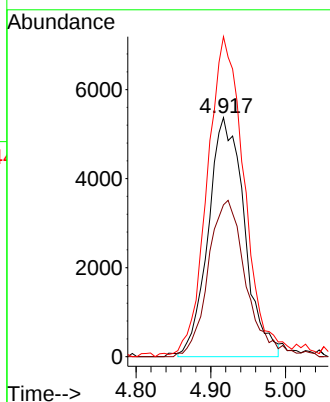
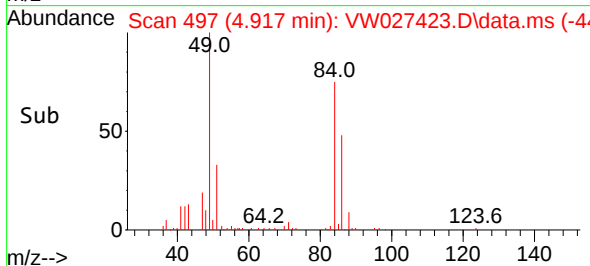
Instrument :
MSVOA_W
ClientSampleId :
E0LJ1



Tgt Ion: 84 Resp: 1805
Ion Ratio Lower Upper
84 100
86 63.5 41.3 76.7
49 133.8 92.8 172.4

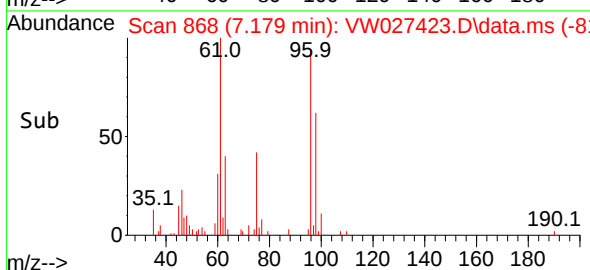
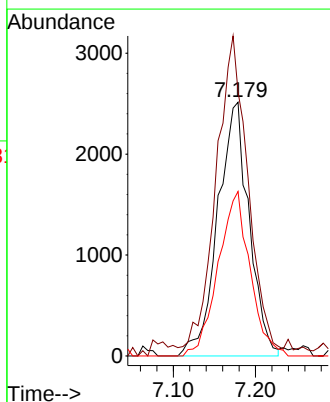
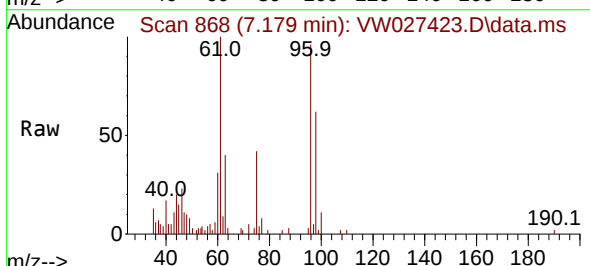
Manual Integrations
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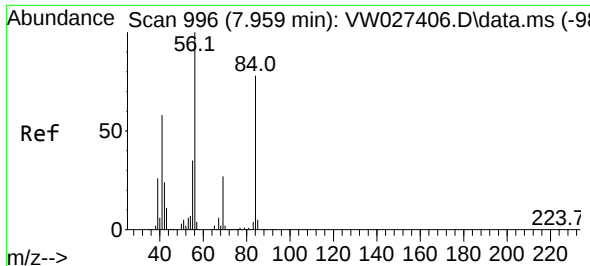
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#20
cis-1,2-Dichloroethene
Concen: 0.874 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.006 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

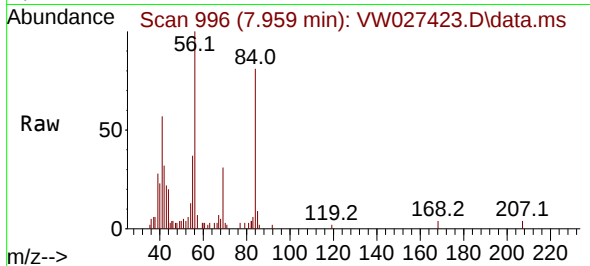
Tgt Ion: 96 Resp: 6666
Ion Ratio Lower Upper
96 100
61 104.1 96.2 178.8
98 64.8 46.0 85.4





#29
Cyclohexane
Concen: 0.852 ug/L
RT: 7.959 min Scan# 996
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

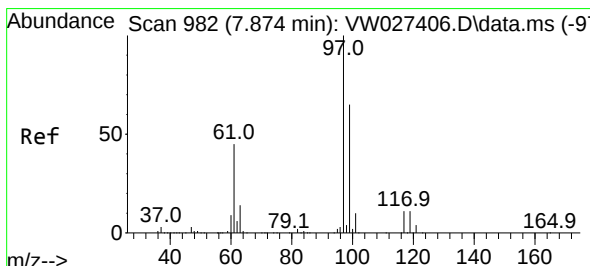
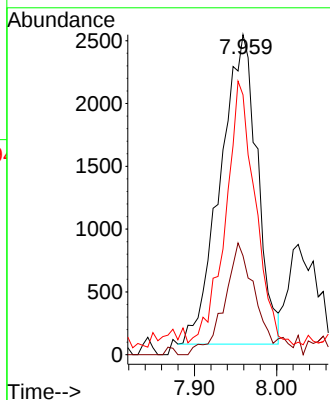
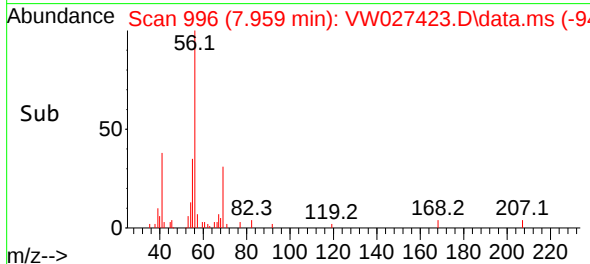
Instrument :
MSVOA_W
ClientSampleId :
E0LJ1



Tgt Ion: 56 Resp: 7714
Ion Ratio Lower Upper
56 100
69 25.7 24.2 36.4
84 70.4 65.1 97.7

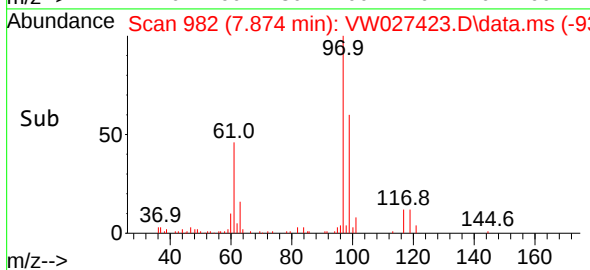
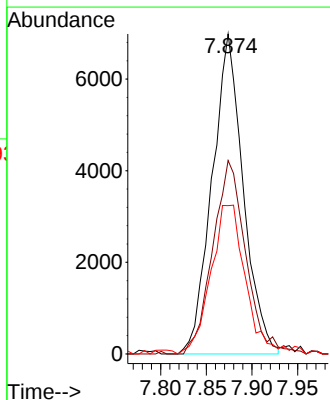
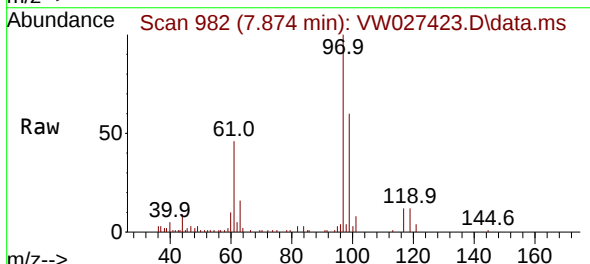
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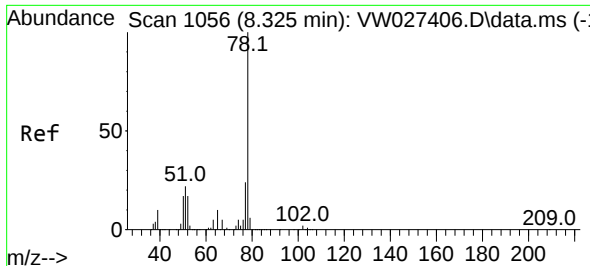
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#30
1,1,1-Trichloroethane
Concen: 2.281 ug/L
RT: 7.874 min Scan# 982
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Tgt Ion: 97 Resp: 16592
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 51.3 37.4 56.0





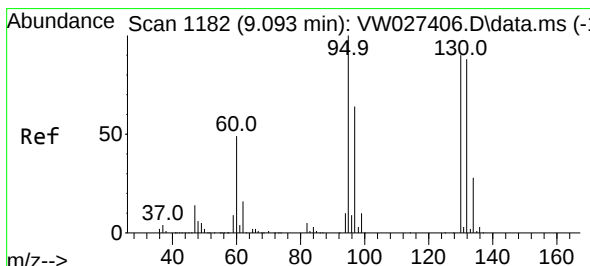
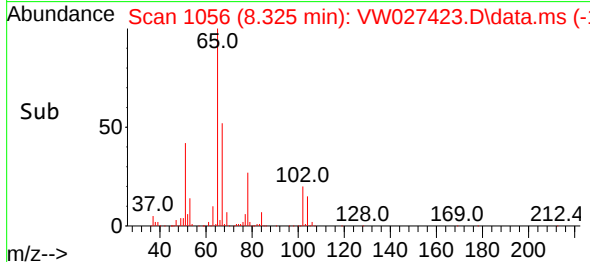
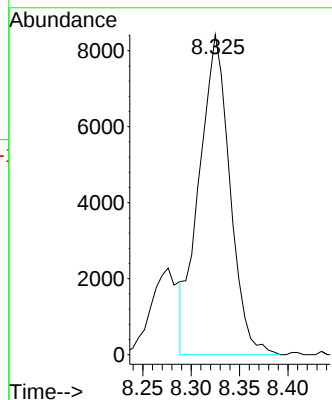
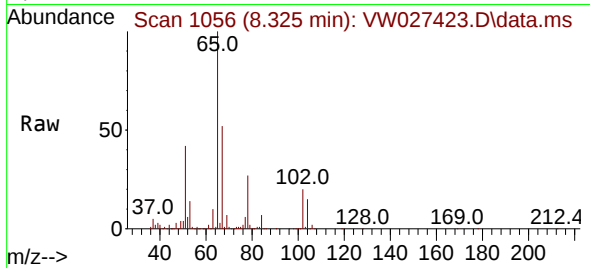
#33
Benzene
Concen: 0.952 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

Instrument :
MSVOA_W
ClientSampleId :
E0LJ1

Tgt Ion: 78 Resp: 1855

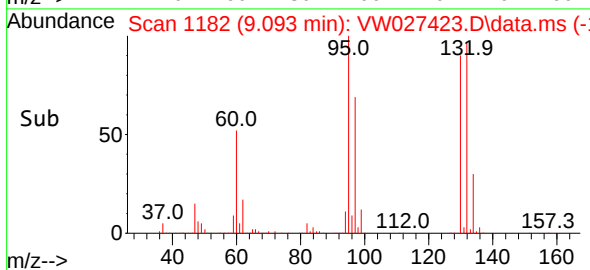
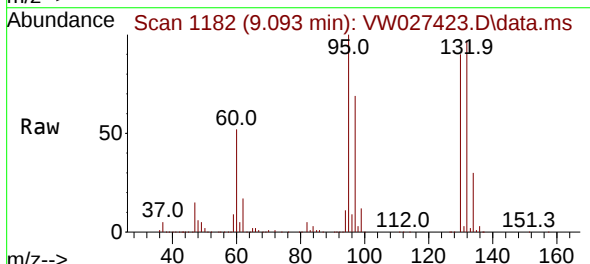
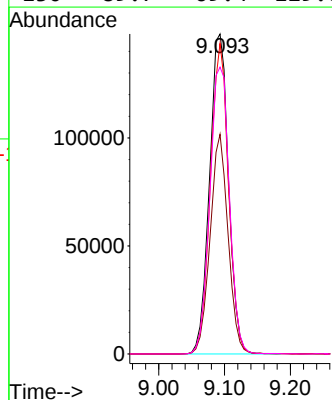
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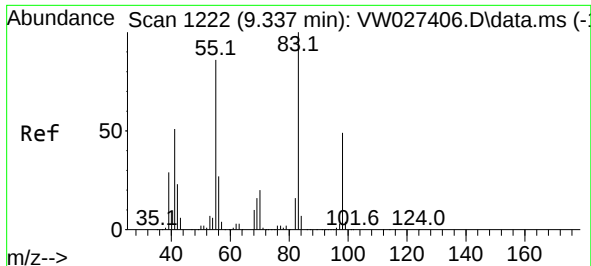
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#34
Trichloroethene
Concen: 57.860 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

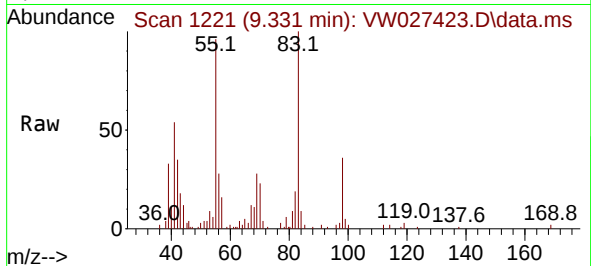
Tgt Ion: 95 Resp: 297847
Ion Ratio Lower Upper
95 100
97 68.6 43.4 80.6
132 97.1 67.6 125.6
130 89.7 69.4 129.0





#35
Methylcyclohexane
Concen: 1.148 ug/L
RT: 9.331 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

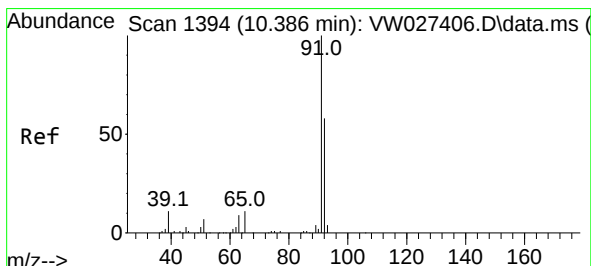
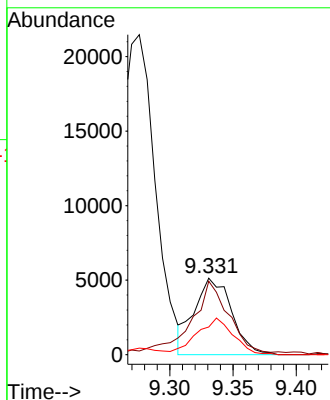
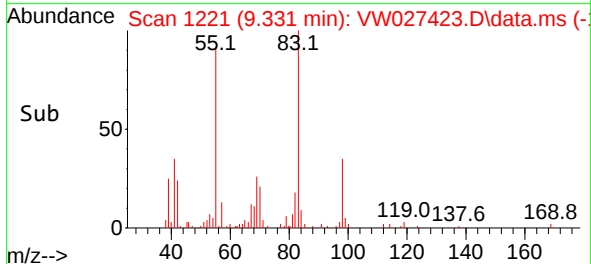
Instrument :
MSVOA_W
ClientSampleId :
E0LJ1



Tgt Ion: 83 Resp: 10560
Ion Ratio Lower Upper
83 100
55 93.6 65.8 98.8
98 46.3 38.1 57.1

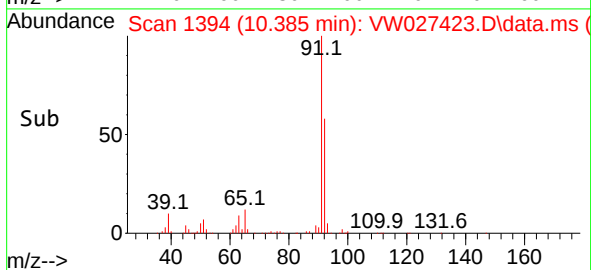
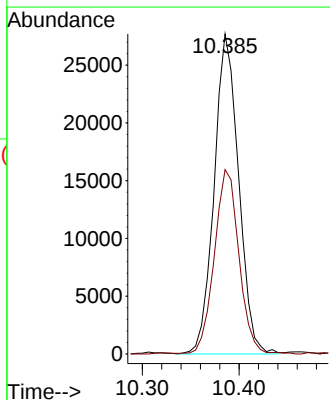
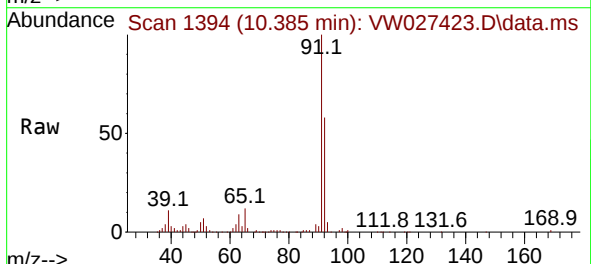
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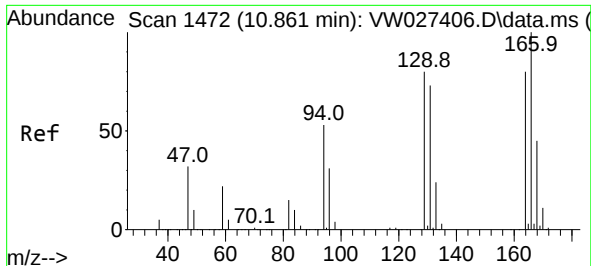
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#42
Toluene
Concen: 2.375 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

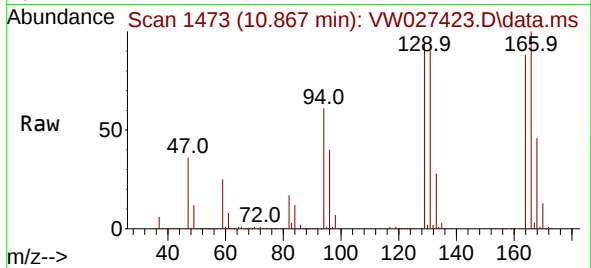
Tgt Ion: 91 Resp: 48561
Ion Ratio Lower Upper
91 100
92 57.6 42.1 78.1





#46
Tetrachloroethene
Concen: 1403.022 ug/L
RT: 10.867 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

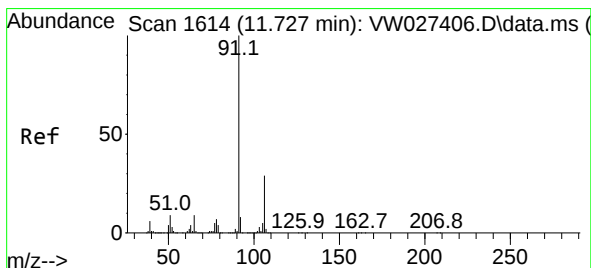
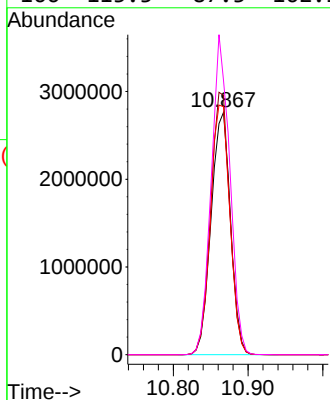
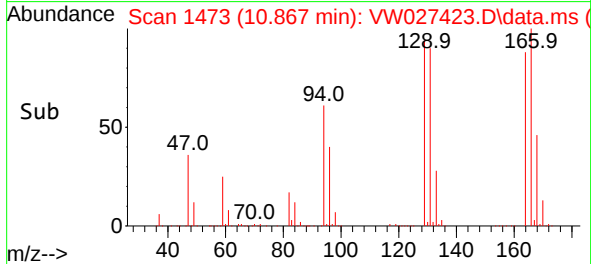
Instrument :
MSVOA_W
ClientSampleId :
E0LJ1



Tgt Ion:164 Resp: 4987020
Ion Ratio Lower Upper
164 100
129 107.1 74.7 138.7
131 102.4 73.2 136.0
166 113.3 87.3 162.1

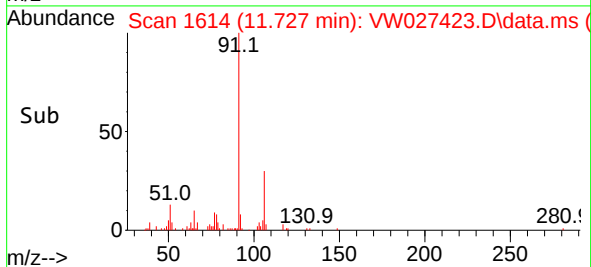
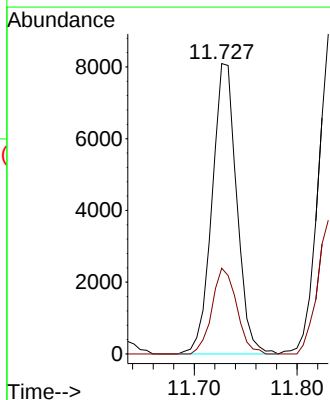
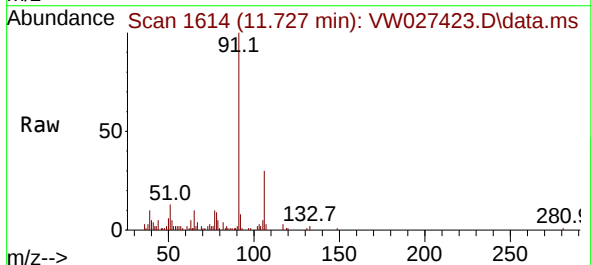
Manual Integrations
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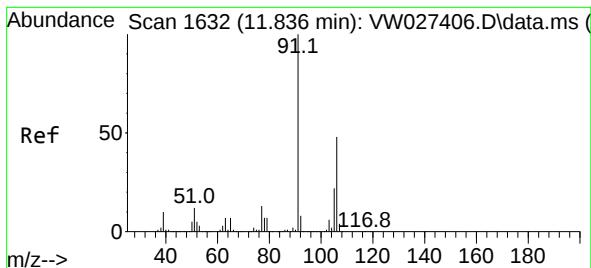
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Ethylbenzene
Concen: 0.567 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

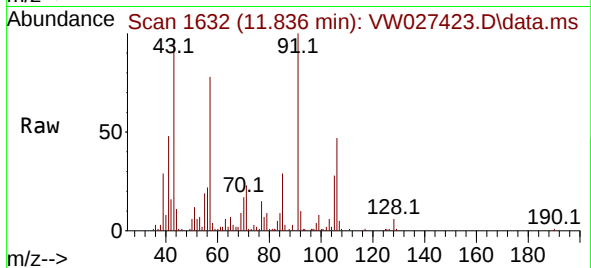
Tgt Ion: 91 Resp: 13468
Ion Ratio Lower Upper
91 100
106 29.5 19.8 36.8





#53
m,p-Xylene
Concen: 0.841 ug/L
RT: 11.836 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45

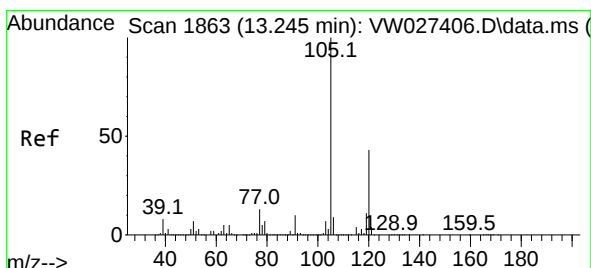
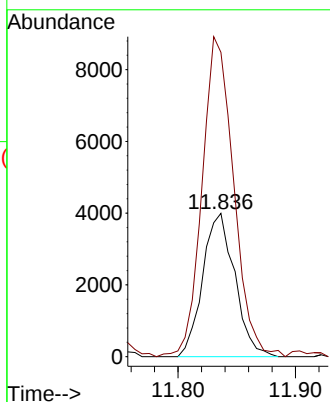
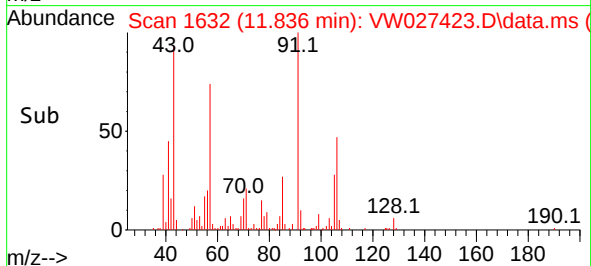
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ClientSampleId :
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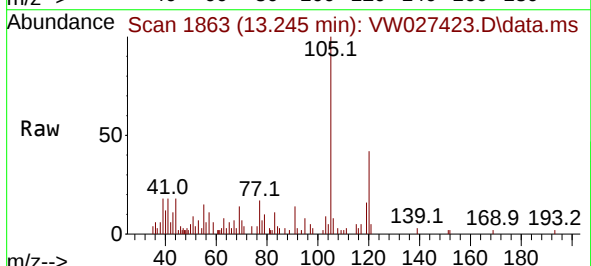
Tgt Ion:106 Resp: 7570
Ion Ratio Lower Upper
106 100
91 212.3 144.5 268.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023



#63
1,2,4-Trimethylbenzene
Concen: 0.674 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027423.D
Acq: 24 Oct 2023 17:45



Tgt Ion:105 Resp: 4843
Ion Ratio Lower Upper
105 100
120 45.6 35.4 53.2

